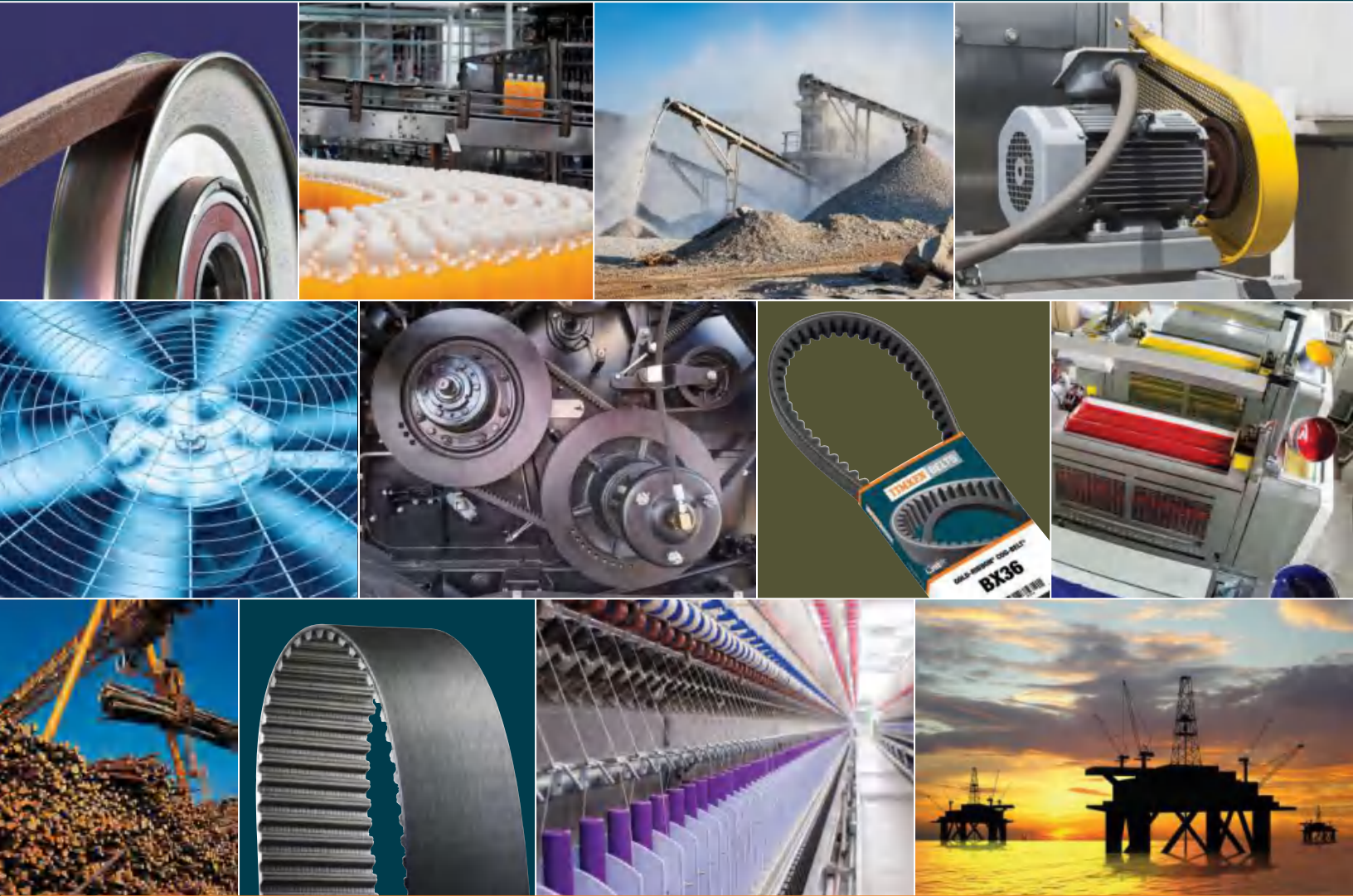


## INDUSTRIAL POWER TRANSMISSION BELTS



# TIMKEN BELTS

Still and **always** Performance Driven. Performance Proven!

## Meeting Timken's highest quality standards is no easy task.

Everything about a Timken® belt has been weighed against the high expectations associated with the Timken brand.

From the science behind each individual component, to the final rounds of rigorous testing – every Timken belt is measured against the highest bar.

- Best-in-Class Engineering and Development
- Advanced Compound and Material Sciences
- Exacting Tolerances for Dimensional Criteria
- Stringent Testing Criteria
- State-of-the-Art Manufacturing
- Repeatable Process and Control Methods
- Timken Quality Management Systems
- Strict Quality Assurance Measureables
- ISO 9001:2015 Certified Manufacturing Facilities

Join us in celebrating our new brand:

# TIMKEN BELTS



# Table of Contents

## Timken Belts Catalog

|                                                    |    |
|----------------------------------------------------|----|
| Table of Contents                                  | 1  |
| Introduction                                       | 3  |
| Performance Driven. Performance Proven             | 4  |
| Chek Mate® V-Belt Matching                         | 5  |
| Warnings                                           | 6  |
| Trademarks                                         | 6  |
| Static Conductive Belts                            | 7  |
| A History of Innovation. A Tradition of Excellence | 8  |
| PTplace Online Ordering Portal for Distributors    | 9  |
| Catalog Features                                   | 9  |
| The Right Belt for the Job®                        | 10 |



|                                                     | Cross-Section      | Belt Type                                            | Page       |
|-----------------------------------------------------|--------------------|------------------------------------------------------|------------|
| <b>Synchronous Belts</b>                            |                    |                                                      | <b>12</b>  |
| Introduction to Synchronous Belts                   |                    |                                                      | 13         |
| Nomenclature                                        |                    |                                                      | 14         |
| Panther® XT Synchronous Belt                        | 8MXT, 14MXT        | Extreme Torque Synchronous Belt                      | 15         |
| Panther® Synchronous Belt                           | 8MPT, 14MPT, 20MPT | High Torque Curvilinear Synchronous Belt             | 21         |
| Panther® Synchronous Sleeve                         | 8MPT, 14MPT, 20MPT | Uncut Full Factory Width Sleeve                      | 32         |
| Synchro-Cog® HT Synchronous Belt                    | 3M, 5M, 8M, 14M    | Curvilinear Synchronous Belt                         | 34         |
| Synchro-Cog® HT Synchronous Sleeve                  | 3M, 5M, 8M, 14M    | Uncut Full Factory Width Sleeve                      | 60         |
| Dual RPP® Synchronous Belt                          | D8M, D14M          | Double Sided Curvilinear Synchronous Belt            | 67         |
| Dual RPP® Synchronous Sleeve                        | D8M, D14M          | Uncut Full Factory Width Sleeve                      | 73         |
| Air-Cooled Heat Exchanger (ACHE) Synchronous Belt   | 14M-F              | Z Twist Only Synchronous Belt                        | 75         |
| Air-Cooled Heat Exchanger (ACHE) Synchronous Sleeve | 14M-SLF            | Uncut Full Factory Width Sleeve                      | 77         |
| Synchro-Cog® Timing Belt                            | XL, L, H, XH, XXH  | Trapezoidal Timing Belt                              | 78         |
| Synchro-Cog® Timing Sleeve                          | XL, L, H, XH, XXH  | Uncut Full Factory Width Sleeve                      | 88         |
| Dual Synchro-Cog® Timing Belt                       | DXL, DL, DH        | Double Sided Trapezoidal Timing Belt                 | 90         |
| Dual Synchro-Cog® Timing Sleeve                     | DXL, DL, DH        | Uncut Full Factory Width Sleeve                      | 95         |
| <b>V-Belts</b>                                      |                    |                                                      | <b>98</b>  |
| Introduction to V-Belts                             |                    |                                                      | 99         |
| V-Belt Construction and Advantages                  |                    |                                                      | 99         |
| V-Belt Installation Check List and Selection Guide  |                    |                                                      | 100        |
| Nomenclature                                        |                    |                                                      | 102        |
| <b>Wedge V-Belts</b>                                |                    |                                                      | <b>103</b> |
| Power-Wedge® Cog-Belt®                              | 3VX, 5VX, 8VX      | Narrow Raw Edge Cog-Belt                             | 103        |
| Power-Wedge® Cog-Band®                              | R3VX, R5VX         | Banded Version of Power-Wedge Cog-Belt               | 107        |
| Metric Power-Wedge® Cog-Belt®                       | XPZ, XPA, XPB, XPC | Metric Narrow Raw Edge Cog-Belt                      | 110        |
| Super Power-Wedge® V-Belt                           | 3V, 5V, 8V         | Narrow Wrapped Molded V-Belt                         | 114        |
| Super Power-Wedge® Band                             | R3V, R5V, R8V      | Banded Version of Super Power-Wedge V-Belt           | 119        |
| Metric Super Power-Wedge® V-Belt                    | SPB, SPC           | Metric Narrow Wrapped Molded V-Belt                  | 123        |
| Aramax® Super Power-Wedge® V-Belt                   | 5VK, 8VK           | Narrow Wrapped Molded V-Belt with Aramid Cord        | 124        |
| Aramax® Super Power-Wedge® Band                     | R5VK, R8VK         | Banded Version of Aramax Super Power-Wedge V-Belt    | 128        |
| Metric Aramax® Super Power-Wedge® V-Belt            | SPBK, SPCK         | Metric Narrow Wrapped Molded V-Belt with Aramid Cord | 132        |
| Chipper Drive Wedge-Band®                           | R5VL               | Laminated Raw Edge Banded Belt for Lumber Industry   | 133        |
| <b>Classical V-Belts</b>                            |                    |                                                      | <b>136</b> |
| Gold-Ribbon® Cog-Belt®                              | AX, BX, CX, DX     | Classical Raw Edge Cog-Belt                          | 137        |
| Gold-Ribbon® Cog-Band®                              | RBX, RCX           | Banded Version of Gold-Ribbon Cog-Belt               | 143        |
| Super II® V-Belt                                    | A-R, B-R, C-R      | Classical Raw Edge V-Belt                            | 147        |
| Super Blue Ribbon® V-Belt                           | A, B, C, D, E      | Classical Wrapped Molded V-Belt                      | 153        |
| Super Blue Ribbon® Band                             | RB, RC, RD         | Banded Version of Super Blue Ribbon V-Belt           | 164        |
| Aramax® Xtra Duty V-Belt                            | 3L-K, AK, BK       | Extra Duty Wrapped Molded V-Belt with Aramid Cord    | 170        |

# Table of Contents

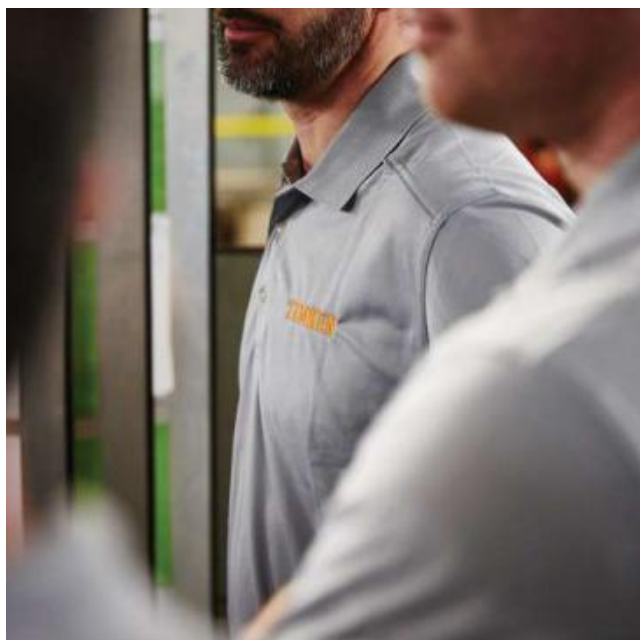
## Timken Belts Catalog

|                                              | Cross-Section            | Belt Type                                            | Page        |
|----------------------------------------------|--------------------------|------------------------------------------------------|-------------|
| <b>Double Angle V-Belts</b>                  |                          |                                                      | <b>176</b>  |
| Double Angle V-Belt                          | AA, BB, CC               | Double-V (Hexagonal) Belt                            | 176         |
| <b>FHP V-Belts</b>                           |                          |                                                      | <b>181</b>  |
| Durapower® II FHP V-Belt                     | 2L-R, 3L-R, 4L-R, 5L-R   | Light Duty Fractional Horsepower V-Belt              | 181         |
| <b>Variable Speed V-Belts</b>                |                          |                                                      | <b>187</b>  |
| Variable Speed Cog-Belt™                     | V                        | Variable Speed Belt                                  | 187         |
| <b>V-Ribbed Belts</b>                        |                          |                                                      | <b>194</b>  |
| Vee-Rib™ Belt                                | J                        | V-Ribbed Belt                                        | 194         |
| Vee-Rib™ Sleeve                              | J                        | Uncut Full Factory Width Sleeve                      | 206         |
| <b>Specialty Belts</b>                       |                          |                                                      | <b>207</b>  |
| Flour Power™ Roller Mill Belt                | 8M, 8SM, 14M/PVK         | Dual Sided Belt                                      | 208         |
| Dry Can Belt                                 | CC-S                     | Deep-Groove Double Angle Belt                        | 211         |
| Feather Picker Belt                          | AAX-FP, BBX-FP           | Double Angle Cog-Belt                                | 213         |
| Cotton Drive™ Timing Belt                    | CCB                      | One-Inch Pitch Timing Belts                          | 215         |
| Round Belt                                   | 7/16, 9/16               | Round Belt                                           | 217         |
| Super Arc® Belt                              | B-SA, 9/16-SA            | V-Belt and Round Belt                                | 221         |
| PowerTwist Drive™ Link Belting               | 3L, A/4L, B/5L, C        | Link Belting for Emergency Replacement               | 225         |
|                                              | Part Numbers             | Description                                          | Page        |
| <b>Tools</b>                                 |                          |                                                      | <b>227</b>  |
| Drive Engineer™ Web App                      |                          | Drive design and analysis web app                    | 227         |
| PowerMiser™ Web App                          |                          | Energy savings calculator web app                    | 228         |
| V-Belt Drives Service Manual                 | 10997                    | V-Belt Service Manual                                | 228         |
| Tension-Finder® V-Belt Tensioning Tool       | 108039-A                 | V-Belt tensioning device                             | 229         |
| Tension-Finder® Jr. V-Belt Tensioning Tool   | 109081                   | V-Belt tensioning device                             | 229         |
| Spring-Loaded Tensiometer - single stem      | 102761                   | Belt tensioning device                               | 230         |
| Spring-Loaded Tensiometer - double stem      | 105575                   | Belt tensioning device                               | 230         |
| Spring-Loaded Tensiometer - triple stem      | 105576                   | Belt tensioning device                               | 230         |
| Frequency-Finder™ Tensioning Tool            | 109061                   | Belt tensioning device                               | 230         |
| Laser-Align™ Tool                            | 109083                   | Laser alignment device                               | 231         |
| Laser-Align™ Target                          | 109083T                  | Extra target for Laser-Align Tool                    | 231         |
| Sheave Gauges (Imperial)                     | 102495                   | Set of templates to check sheave wear                | 231         |
| Sheave Gauges (Metric)                       | 102496                   | Set of templates to check sheave wear                | 231         |
| Belt Finder Tool                             | 93859                    | Belt measuring device                                | 232         |
| Wallboard Display                            | 93899                    | Merchandising display system for belts               | 232         |
| Timken Belts Wallboard Display Graphic Sign  | POP DISPLAY TIMKEN BELTS | Branded graphic sign for use with wallboard display  | 232         |
| Timken Belts Marketing Kit                   | TIMKEN BELTS MKTG KIT    | Display kit with branded sign, wallboard and 8 hooks | 232         |
| 6 inch Hooks                                 | 93899-H6                 | Extra 6 inch hooks for wallboard                     | 232         |
| 8 inch Hooks                                 | 93899-H8                 | Extra 8 inch hooks for wallboard                     | 232         |
| 12 inch Hooks                                | 93899-H12                | Extra 12 inch hooks for wallboard                    | 232         |
|                                              |                          |                                                      | <b>Page</b> |
| <b>General Information</b>                   |                          |                                                      | <b>233</b>  |
| Synchronous Belt Drive Troubleshooting Guide |                          |                                                      | 233         |
| V-Belt Troubleshooting Guide                 |                          |                                                      | 234         |
| Recommended Sheave Diameters                 |                          |                                                      | 235         |
| Proper V-Belt Storage Guide                  |                          |                                                      | 235         |
| Brand Name Interchange                       |                          |                                                      | 236         |
| Glossary                                     |                          |                                                      | 239         |



# Timken Belts

## Introduction



Timken Belts is proud to present this comprehensive product catalog. It provides easy access to the latest product information and technical specifications. We invite you to grow your business with our broad line of premium belts that deliver optimal performance.

### **Our People**

The strength of Timken is its people. For over a century, Timken Belts has adhered to a philosophy of supplying innovative products, unrivaled quality, and superior customer service.

### **Our Service**

Timken® belts are supplied to distributors and original equipment manufacturers who seek the optimum in quality and service. Every belt is backed by extraordinary engineering and technical support, and by our personal, knowledgeable, and attentive customer service team.

### **On-Time Delivery**

Understanding the importance of on-time delivery and fast turnaround, Timken Belt's flexible manufacturing model and short lead times provide responsive, reliable delivery that will meet or exceed your expectations.

### **Proudly Made in the USA**

A comprehensive product line is made in ISO 9001:2015 certified manufacturing facilities in the USA by a proud team of engineers, technicians, and craftsmen. The icon below is used throughout this catalog to identify each product line that is manufactured in Timken's Springfield, Missouri or Fort Scott, Kansas belt plants



# Timken Belts

Performance Driven. Performance Proven

It's no accident that Timken belts are built to outlast and outperform competitor's belts. That's why recognized original equipment manufacturers turn to Timken Belts to make belts for their products.

Every Timken belt is the result of science, engineering, and years of experience. Our innovative product development, specially formulated components, time-tested methods, and state-of-the-art manufacturing techniques set us apart from the competition.

The team of belt experts at the Technical Center in Springfield, Missouri is dedicated to the development and testing of new and existing products to assure that Timken belts provide outstanding performance in a multitude of the toughest, most demanding applications.



# Timken Belts

## Performance Driven. Performance Proven



### Chek Mate® V-Belt Matching

Chek Mate® is a process that ensures our v-belts will meet or exceed the Association for Rubber Products Manufacturers (ARPM) tolerances for a matched set.

Rest assured that Timken belts which carry the distinctive Chek Mate horsehead logo or icon: Super Blue Ribbon®, Super II®, Super Power-Wedge®, Power-Wedge® Cog-Belt® and Gold-Ribbon® Cog-Belt® will not require matching numbers because they have been designed and manufactured to match.



### ISO Certification

Timken Belts plants and Technical Center are registered as compliant with the International Standard ISO 9001:2015. ISO requirements include:

- Management that is committed, involved, focused and responsive
- People who are organized, responsible, authorized, competent, empowered and knowledgeable
- Processes that are visible, traceable, consistent, repeatable, measurable and documentable
- Documents that are appropriate, relevant, simple, understandable and consistent with processes in use

ISO 9001:2015 certification ensures that organizations take time to understand their key quality processes, that the processes are implemented and followed by everyone in the organization and that the processes are documented and maintained to a degree that can be demonstrated to an outside agency.



Timken is a proud member of:



### **WARNING**

***Failure to observe the following warnings could create a risk of death or serious injury.***

Static electricity created by a belt in operation can ignite an explosive atmosphere. Special care must be taken in the utilization of belts in or near locations which may contain explosive concentrations of combustible gases or accumulations of dust such as grain, coal, or other combustible materials. Proper dissipation of such potential static electricity discharge must be assured to prevent any such explosion.



### **CAUTION**

***Failure to observe the following cautions could create a risk of serious physical injury or property damage.***

Proper selection and installation of drive belts are critical tasks. Belts must be properly selected and installed to assure proper performance. Follow all of the equipment manufacturer's safety recommendations, installation procedures and specifications

### **AIRCRAFT POLICY – SAFETY WARNING**

Timken® belts are not designed or intended for aircraft use. Do not use Timken belts or pulleys on aircraft or helicopter engines or propeller, rotor or accessory drives. Do not use Timken belts or pulleys on commercial, private, or ultralight aircraft or helicopters.

The following are registered trademarks of The Timken Company or its affiliates.

|                 |                             |
|-----------------|-----------------------------|
| Aramax®         | Super Ag-Drive®             |
| Blue Label®     | Super Arc®                  |
| Chek Mate®      | Super Blue Ribbon®          |
| Cog-Band®       | Super II®                   |
| Cog-Belt®       | Synchro-Cog®                |
| Cotton Drive®   | Super Vee-Band®             |
| Drive Engineer® | Tension-Finder®             |
| Durapower®      | The Right Belt for the Job® |
| Gold-Ribbon®    | Timken®                     |
| Panther®        | Ultimax®                    |
| Power-Wedge®    | Ultra-Cord®                 |
| RPP®            | Wedge-Band®                 |

### **Contact Us:**

Timken Belts strives for accuracy in all publications. If you discover an error or need more information, please email [belts@timken.com](mailto:belts@timken.com).



# General Information

## Static Conductive Belts

Under certain conditions of temperature and humidity, a belt drive may generate static electricity. Belts intended for operation in a potentially dangerous atmosphere should be constructed with a relatively low electrical resistance characteristic. It has become common practice to specify and refer to such belts as “static conductive,” “static dissipating,” or “anti-static.”

The accumulation of electro-static charges can be dangerous for different reasons:

- Generation of radio interference that can cause disturbance to electrical apparatus
- Risk of ignition and explosion in an atmosphere with high levels of combustible materials
- Risk of injury to workers in contact with the components

### V-Belt Drives

Timken belts that are static conductive are shown on the chart. Timken belts are branded as “static dissipating” when they meet or exceed testing developed by the Association for Rubber Products Manufacturers (ARPM Bulletin IP3-3).

### Synchronous Belt Drives

Timken synchronous belts are not static dissipating.

| Timken V-Belts                           | Cross Section          | Static Dissipating |
|------------------------------------------|------------------------|--------------------|
| Power-Wedge® Cog-Belt®                   | 3VX, 5VX, 8VX          | Yes                |
| Power-Wedge® Cog-Band®                   | R3VX, R5VX             | Yes                |
| Metric Power-Wedge® Cog-Belt®            | XPZ, XPA, XPB, XPC     | Yes                |
| Super Power-Wedge® V-Belt                | 3V, 5V, 8V             | Yes                |
| Super Power-Wedge® Band                  | R3V, R5V, R8V          | Yes                |
| Metric Super Power-Wedge® V-Belt         | SPZ, SPA, SPB, SPC     | Yes                |
| Metric Super Power-Wedge® Band           | RSPZ, RSPA, RSPB, RSPC | Yes                |
| Aramax® Super Power-Wedge® V-Belt        | 5VK                    | No                 |
| Aramax® Super Power-Wedge® V-Belt        | 8VK                    | Yes                |
| Aramax® Super Power-Wedge® Band          | R5VK                   | No                 |
| Aramax® Super Power-Wedge® Band          | R8VK                   | Yes                |
| Aramax® Metric Super Power-Wedge® V-Belt | SPBK, SPCK             | Yes                |
| Aramax® Metric Super Power-Wedge® Band   | RSPBK, RSPCK           | Yes                |
| Chipper Drive Wedge-Band®                | R5VL                   | Special Order Only |
| Gold-Ribbon® Cog-Belt®                   | AX, BX, CX, DX         | Yes                |
| Gold-Ribbon® Cog-Band®                   | RBX, RCX               | Yes                |
| Gold-Ribbon® Band                        | RBL, RCL, RDL          | Yes                |
| Super II® V-Belt                         | A-R, B-R, C-R          | Yes                |
| Super Blue Ribbon® V-Belt                | AP, BP, CP, DP, EP     | Yes                |
| Super Blue Ribbon® Band                  | RBP, RCP, RDP          | Yes                |
| Aramax® XDV Belt                         | 3L, AK, BK             | No                 |
| Double Angle V-Belt                      | AA, BB, CC             | Special Order Only |
| Durapower® II FHP V-Belt                 | 2L-R, 3L-R, 4L-R, 5L-R | Yes                |
| Variable Speed Cog-Belt®                 | V                      | Yes                |
| Vee-Rib Belt                             | J                      | Yes                |
| Timken Specialty Belts                   | Cross Section          | Static Dissipating |
| Dry Can Belt                             | CC                     | Special Order Only |
| Feather Picker Belt                      | AAX-FP, BBX-FP         | No                 |
| Flour Power® Roller Mill Belt            | 8M/PVK, 14M/PVK        | No                 |
| Round Belt                               | 7/16, 9/16             | Special Order Only |
| Super Arc® Belt                          | B-SA, 9/16-SA          | No                 |
| PowerTwist Drive® Link Belting           | 3L, A/4L, B/5L, C      | No                 |
| Timken Synchronous Belts                 | Cross Section          | Static Dissipating |
| All Timken Synchronous Belts             | All                    | No                 |

# Timken Belts

## A History of Innovation. A Tradition of Excellence.

A commitment to customers and to quality has remained steadfast throughout the long and rich history of the Timken Belts business. Maintaining a tradition of excellence for more than 100 years, Timken® belts continue to provide superior performance with unsurpassed reliability on the toughest industrial applications.



- **1921** First raw edge v-belt is developed
- **1926** First raw edge cog-belt is introduced
- **1934** Pioneering use of synthetic rubber technology
- **1957** Developed arched cross section v-belts for agricultural applications
- **1959** New belt manufacturing plant opens in Springfield, Missouri
- **1967** New technical center opens in Springfield, Missouri
- **1985** First chloroprene FHP v-belt is introduced
- **1986** New belt plant opens in Fort Scott, Kansas
- **1988** The revolutionary Ultimax® snowmobile belt is introduced
- **1994** RPP® Panther® synchronous belts are introduced
- **1995** Super II® classical v-belt line is introduced

- **2001** Carlisle Companies acquires Dayco Industrial Power Transmission business and Carlisle brand belts are introduced
- **2003** The Tension-Finder® tensioning tool wins Product of the Year
- **2014** Belts made out of Ethylene Propylene Diene Monomer (EPDM) are introduced
- **2015** The Timken Company acquires the Carlisle belts business
- **2015** Aramax Xtra Duty V-belts for outdoor power equipment are introduced
- **2015** One-billionth belt sold
- **2015** Panther® XT extreme torque synchronous belts are introduced
- **2017** Drive Engineer web app is launched to assist in the design and maintenance of belt drives
- **2018** Ultimax XP extreme performance ATV/UTV drive belts are introduced
- **2019** Super Arc® belts are introduced for powered roller conveyor drives
- **2020** Feather Picker belt for poultry processing is introduced
- **2020** Timken is recognized as one of the world's most ethical companies
- **2021** Flour Power™ roller mill belt is introduced
- **2022** Timken named one of America's most responsible companies

The tradition continues...



# Timken Belts

## The Right Belt for the Job®

### PTplace E-Commerce Website

Check pricing, availability, place orders and check order status 24 hours a day in the Timken Store on PTplace at [www.ptplace.com](http://www.ptplace.com). If your business is already using the Timken Store, no change is required. Belts are visible for order entry. To gain access as a new user, please contact a belt customer service representative at 877-484-6536. (PTplace is only available to authorized distributors.)

## Catalog Features

This catalog is intended as a guide to the standard line of Timken belts. Special belt types and constructions not shown in this catalog may also be available by special order.

### Made-To-Order Belts

We manufacture a wide variety of belts for OEM applications. For your unique needs, we can make made-to-order belts. Please contact belt customer service at 877-484-6536 for price, availability, minimum order quantity and lead time.

### Standard Belt Sizes

Some non-stock sizes are not shown in the catalog but may be available. Please contact belt Customer Service for availability. Extended lead time and minimum order quantities may apply.

### Belt Dimensions

Cross section dimensions and outside lengths are shown for most belts. Every Timken belt is built to exacting specifications that meet or exceed the industry standards of the Association for Rubber Products Manufacturers (ARPM), Mechanical Power Transmission Association (MPTA), International Organization for Standardization (ISO) or German Institute for Standardization (DIN). Dimensions shown in this catalog are for reference only.

### Recommended Metal for each Belt Type

For quick reference, each belt section includes the recommended sheave or sprocket.

### Belt Weights

Approximate product weight is indicated for each belt and may vary slightly from the actual weight.

### Product Improvements

Timken may make changes to standard products to enhance their quality or to improve manufacturing processes. Timken will communicate any changes with Product Information Bulletins.

### Troubleshooting Guide

If a belt fails prematurely, it is important to determine the cause of failure so corrective action can be taken. Common symptoms and possible causes are included for synchronous and v-belts.

### Brand Interchange

A product brand name interchange is shown on pages 236-238. The interchange helps identify the correct Timken belt. A part number interchange search tool is also available on the Timken Belts website at: <https://timkenbelts.com/interchange-search/>

### Glossary

A glossary of power transmission terminology, products and processes starts on page 239.



## DRIVE ENGINEER®

### Drive Design and Analysis

Drive Engineer, a web based application for desktop and mobile use, puts drive design and analysis in the palm of your hand. Obtain technical information for v-belt or synchronous drives at: [www.driveengineer.com](http://www.driveengineer.com).

### Assistance

Some projects may require the expertise of our engineering team. A staff of specialists stands ready to assist with drive design, belt maintenance seminars, and any help needed with choosing the right belt for the application. Your authorized Timken distributor will also be an invaluable resource or contact us at [belts@timken.com](mailto:belts@timken.com) or call 877-484-6536.

# Timken Belts

## The Right Belt for the Job®

You can depend on Timken belts for a wide range of applications. We've got you covered with the right belt for most any job. Timken manufactures belts in the USA from 3" to 900" for anything and everything – fans, mixers, pumps, conveyors, machine tools, centrifuges, robotics, and all types of industrial machines. Timken belts are purpose-built and designed for optimal performance on the most demanding applications. Key markets include:

- Agriculture
- Aggregates & Mining
- Energy (Oil & Gas)
- Food & Beverage
- Forest Products Machinery
- HVACR
- Industrial Machinery
- Outdoor Power Equipment
- Powersports

We collaborate with customers from diversified markets around the globe. The world's leading manufacturers specify Timken belts to keep their equipment running.

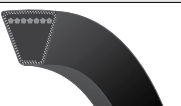
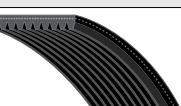
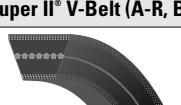
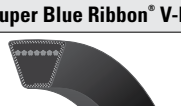
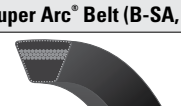


|                                                                   |                                                                                                                                                                                                              |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Panther® XT Synchronous Belt (8MXT, 14MXT)</b>                 |                                                                                                                                                                                                              |
|                                                                   | Alternative to chain or drop-in replacement for super high torque polyurethane belts. Made with carbon cord for enhanced performance and strength. Higher torque capacity than Panther.                      |
| <b>Panther® Synchronous Belt (8MPT, 14MPT, 20MPT)</b>             |                                                                                                                                                                                                              |
|                                                                   | High torque synchronous belt with an RPP tooth profile. Designed to improve performance and drive life while reducing maintenance and downtime. Higher torque capacity than Synchro-Cog HT.                  |
| <b>Synchro-Cog® HT Synchronous Belt (3M, 5M, 8M, 14M)</b>         |                                                                                                                                                                                                              |
|                                                                   | Curvilinear synchronous belt with HTD® profile. Delivers trouble-free power transmission with a smooth, quiet and efficient drive system.                                                                    |
| <b>Dual RPP® Synchronous Belt (D8M, D14M)</b>                     |                                                                                                                                                                                                              |
|                                                                   | Double-sided curvilinear synchronous belt with RPP profile. Delivers 100% load capacity on both sides of the belt. Provides greater flexibility and efficiency in your drive design.                         |
| <b>Air-Cooled Heat Exchanger (ACHE) Belt (14M-F)</b>              |                                                                                                                                                                                                              |
|                                                                   | ACHE synchronous belts are constructed using only "Z" twist cord. This construction provides an upward direction of lateral movement on vertical shaft drives to reduce wear on the bottom side of the belt. |
| <b>Synchro-Cog® Timing Belt (XL, L, H, XH, XXH)</b>               |                                                                                                                                                                                                              |
|                                                                   | Synchronous belt with trapezoidal tooth profile for traditional synchronous applications.                                                                                                                    |
| <b>Dual Synchro-Cog® Timing Belt (DXL, DL, DH, DXH, DXXH)</b>     |                                                                                                                                                                                                              |
|                                                                   | Double-sided timing belt with trapezoidal tooth profile. Provides synchronization and 100% load capacity from both sides of the belt.                                                                        |
| <b>Cotton Drive® Timing Belt (CCB)</b>                            |                                                                                                                                                                                                              |
|                                                                   | 1" pitch timing belt designed for use on cotton cleaning machines. Uniquely constructed to handle this harsh, abrasive application.                                                                          |
| <b>Power-Wedge® Cog-Belt® (3VX, 5VX, 8VX, XPZ, XPA, XPB, XPC)</b> |                                                                                                                                                                                                              |
|                                                                   | Combines the advantages of the narrow wedge profile, EPDM and raw edge edge cog-belt performance for maximum operating efficiency in a compact drive package. Imperial and metric cross sections.            |
| <b>Power-Wedge® Cog-Band® (R3VX, R5VX)</b>                        |                                                                                                                                                                                                              |
|                                                                   | Banded version of Power-Wedge Cog-Belt. Designed for pulsating, heavily shock loaded or long center-distance drives to minimize belt whip and rollover.                                                      |

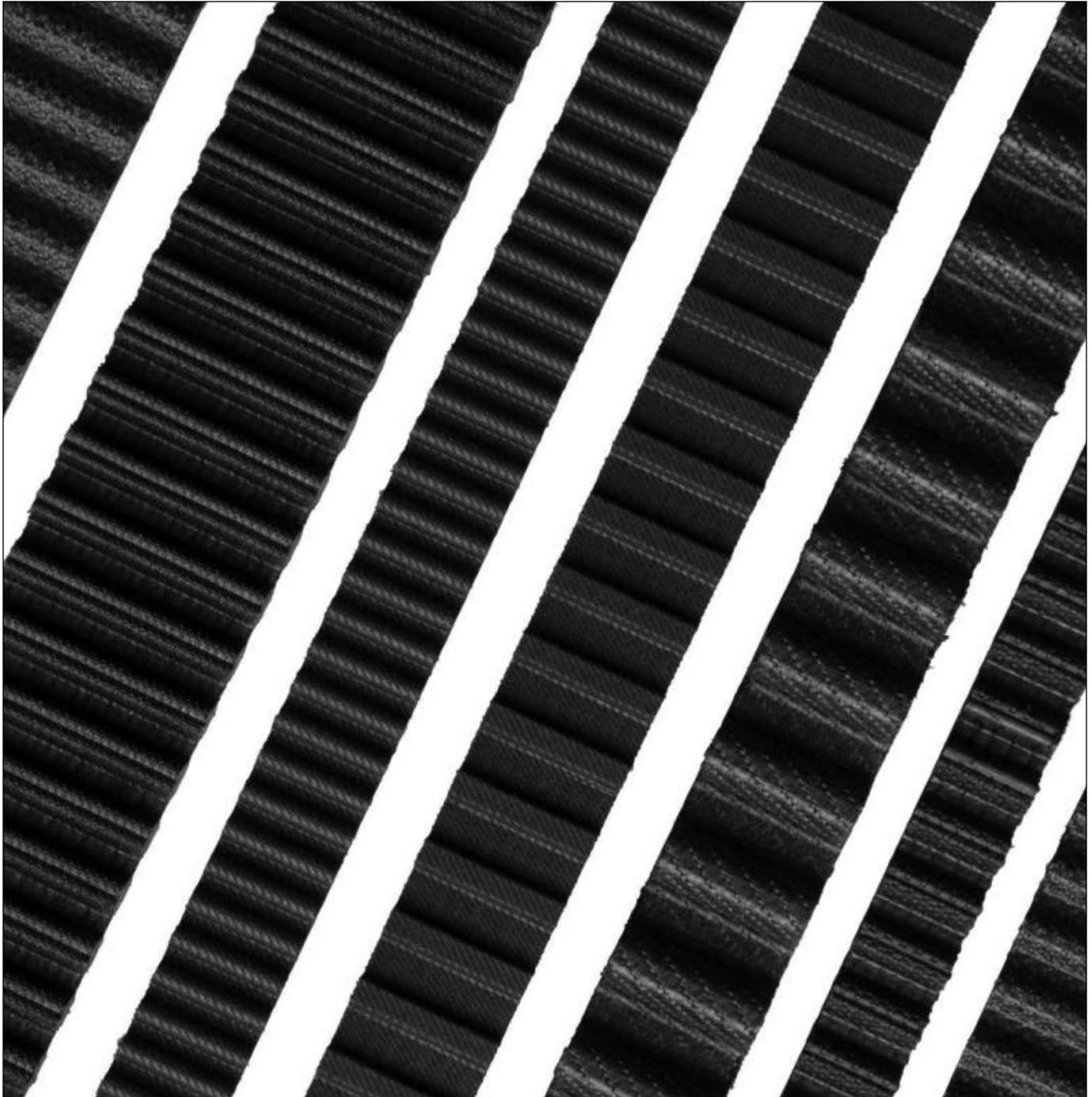


# Timken Belts

## The Right Belt for the Job®

|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Super Power-Wedge® V-Belt (3V, 5V, 8V)</b>  <p>Narrow wrapped molded v-belt enables design of a more compact belt drive. Ideal for heavy duty industrial drives with shock loads.</p>                                                                                                               | <b>Double Angle V-Belt (AA, BB, CC)</b>  <p>Hexagonal belt designed for drives where power needs to be transmitted equally from both sides of the belt.</p>                                                                                               |
| <b>Super Power-Wedge® Band (R3V, R5V, R8V, RSPZ, RSPA, RSPB, RSPC)</b>  <p>Banded version of Super Power-Wedge v-belt. Designed for pulsating, heavily shock loaded or long center-distance drives to minimize belt whip and rollover. Imperial and metric cross sections.</p>                         | <b>Durapower® II FHP V-Belt (2L-R, 3L-R, 4L-R, 5L-R)</b>  <p>Light duty v-belt designed for fractional horsepower applications. EPDM, central cord placement and raw edge construction improves efficiency, performance and belt life.</p>                |
| <b>Aramax® Super Power-Wedge® V-Belt (5VK, 8VK, SPBK, SPCK)</b>  <p>High performance narrow v-belt made with aramid cord and designed for extraordinary belt strength on the toughest drives. Imperial and metric cross sections.</p>                                                                  | <b>Variable Speed Cog-Belt®</b>  <p>Adjustable speed belt designed for use with industrial variable pitch pulleys to gain a wide range of driven speeds.</p>                                                                                              |
| <b>Aramax® Super Power-Wedge® Band (R5VK, R8VK, RSPBK, RSPCK)</b>  <p>Designed for extraordinary banded belt strength on the toughest drives. Designed for pulsating, heavily shock loaded or long center-distance drives to minimize belt whip and rollover. Imperial and metric cross sections.</p> | <b>Vee-Rib® Belt (J)</b>  <p>Flexible flat belt with v-shaped ribs running the length of the belt provides smooth, vibration-free performance in a compact drive. Designed for high speed drives where conventional v-belts cannot operate.</p>          |
| <b>Chipper Drive Wedge-Band® (R5VL)</b>  <p>Laminated raw edge banded belt specially designed and constructed to meet the unique demands of the lumber industry. Banded belt construction minimizes belt whip and rollover.</p>                                                                      | <b>Dry Can Belt (CC)</b>  <p>Designed with deep-groove notches specifically developed for double angle "CC" drives found in the textile industry. The deep groove minimizes belt rollover while the notches provide flexibility and long belt life.</p> |
| <b>Gold-Ribbon® Cog-Belt® (AX, BX, CX, DX)</b>  <p>The Energy Saver! Classical raw edge cog-belt combines EPDM, precision molded cogs and raw edge sidewalls to provide higher energy efficiency, increased power ratings and longer belt life than traditional wrapped v-belts.</p>                 | <b>Feather Picker Belt (AAX-FP, BBX-FP)</b>  <p>Double angle cog-belt provides superior performance on poultry processing equipment. Engineered for flexibility and enhanced grip in moist conditions.</p>                                              |
| <b>Gold-Ribbon® Cog-Band® (RBX, RCX)</b>  <p>Combines the superior characteristics of the Gold-Ribbon Cog-Belt with the stability of a banded belt. Designed for pulsating, heavily shock loaded or long center-distance drives to minimize belt whip and rollover.</p>                              | <b>Flour Power™ Roller Mill Belt (8M/PVK, 14M/PVK)</b>  <p>Specialty belt engineered for automated milling machines. Dual sided belt - one side is synchronous, the other v-ribbed.</p>                                                                 |
| <b>Super II® V-Belt (A-R, B-R, C-R)</b>  <p>The Problem Solver! Classical raw edge v-belt made with EPDM and central cord placement to create a flexible, stable and efficient v-belt.</p>                                                                                                           | <b>Round Belt (7/16, 9/16)</b>  <p>High performance solution for conveyors, quarterturn, twisted, and serpentine drives. Timken round belts feature a no-splice construction for added durability with minimal stretch.</p>                             |
| <b>Super Blue Ribbon® V-Belt (A, B, C, D, E)</b>  <p>Premium wrapped molded v-belt built to the highest standards in the industry. Ideal for classical drives with shock loads.</p>                                                                                                                  | <b>Super Arc® Belt (B-SA, 9/16-SA)</b>  <p>Specialty belt designed to provide improved flexibility, performance and extended belt life on live/powered roller conveyor drives.</p>                                                                      |
| <b>Aramax® Xtra Duty V-Belt (3L-K, AK, BK)</b>  <p>Aramax XDV is a heavy-duty v-belt made with aramid cord and a smooth clutching cover. Designed for outdoor power equipment and aggressive applications with heavy shock loads.</p>                                                                | <b>PowerTwist Drive® Link Belting (3L, A/4L, B/5L, C)</b>  <p>High performance polyurethane/polyester link belting for drives that have no take-up adjustment capability or for use as an emergency replacement belt.</p>                               |

# Synchronous Belts



# Synchronous Belts



Synchronous (timing) belts are toothed belts in which power is transmitted through positive engagement between the belt teeth and a toothed sprocket (pulley). This positive engagement results in exact shaft synchronization while eliminating slippage and speed loss common to v-belts.

Trapezoidal, curvilinear, or modified curvilinear teeth mesh with matching grooves on sprockets to provide positive power transmission on high-torque applications with high and low speeds. A synchronous belt requires no re-tensioning, improves energy efficiency and reduces downtime.

Compared to chain, synchronous belts are more compact, lighter, quieter, require no lubrication and operate at higher speeds.

Timken synchronous drive systems offer quiet, efficient and maintenance free operation.

## When to use a synchronous belt

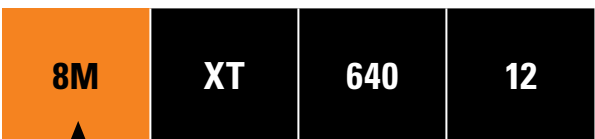
- Synchronous transmission between shafts is a must
- High mechanical drive efficiency and energy savings are required
- Precise relative positioning of shafts (non-slip and minimal backlash) is needed
- Compact drive layout is necessary
- Low maintenance is required
- Need to combine power transmission and conveying
- Lower noise is required (compared to chain)
- No lubrication is required for environmental or contamination concern
- High torque with low RPM is required

# Synchronous Belts

## Understanding Synchronous Belt Nomenclature

The part number for synchronous belts provides useful information – if you know how to look at it.

Example: **8MXT - 640 - 12**



### Tooth Pitch in millimeters

- Spacing between two adjacent teeth on the belt
- Measured from the center of one tooth to the center of the next



### Pitch Length

- Belt circumference in millimeters as measured along the pitch line
- Determined by multiplying the belt pitch by the number of teeth



### Belt Construction

- In this example XT represents Panther XT construction



### Belt Width

- Width of belt in millimeters

Although different product lines will have different nomenclature, generally, throughout the industry, they all contain the same components. Refer to the handy chart below to assist in properly specifying the correct synchronous belt. Often times, these guidelines will be useful when crossing competitor belts to a Timken belt.

| Synchronous Belt    | Example Part Number |               |                     |                |              |
|---------------------|---------------------|---------------|---------------------|----------------|--------------|
| Panther® XT         | 8MXT-640-12         | 8M            | XT-                 | 640-           | 12           |
| Panther®            | 1400-8MPT-50        | 1400-         | 8M                  | PT-            | 50           |
| Synchro-Cog® HT     | 144-3M-15           | 144-          | 3M-                 | 15             |              |
| Dual Synchronous    | D1200-8M-50         | D             | 1200-               | 8M-            | 50           |
| Synchro-Cog® Timing | 210XL037            | 210           | XL                  | 37             |              |
| ACHE Belt           | 3150-14M-55F        | 3150-         | 14M-                | 55             | F            |
|                     |                     | ■ Tooth Pitch | ■ Belt Construction | ■ Pitch Length | ■ Belt Width |

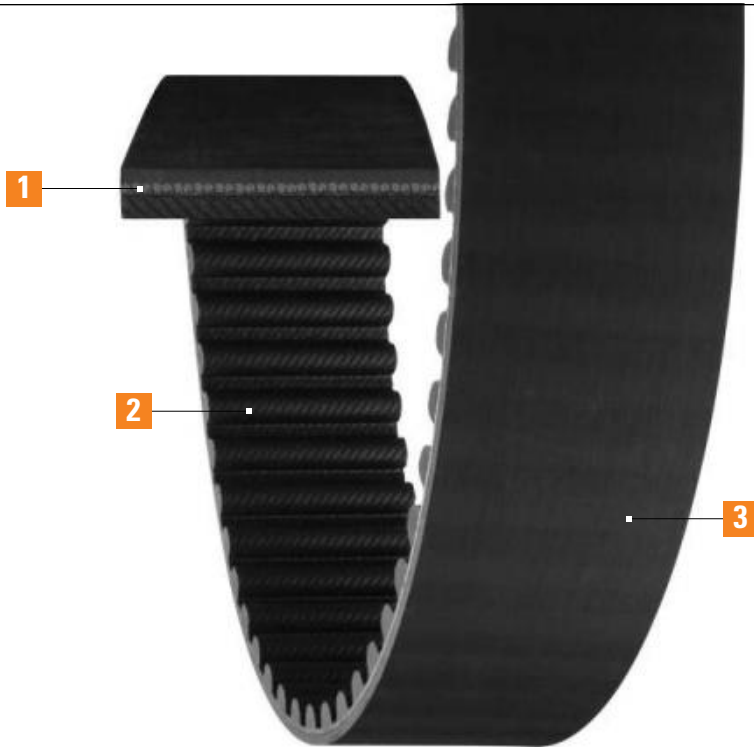
**Please note:** Different synchronous belt types must be used with the correct sprocket. Compatibility is critical for safety as well as optimum performance.



# Panther<sup>®</sup>XT

## Synchronous Drive Belt

# PANTHER<sup>XT</sup>



- 1 Carbon Cord Construction**  
 High-modulus carbon fiber cord  
 High tensile strength  
 Minimal stretch  
 Increased durability

- 2 Engineered Tooth Fabric**  
 Low-friction  
 Abrasion resistant  
 Extended belt life

- 3 Advanced Polymer Compound**  
 Reduced noise  
 High elasticity  
 Heat resistant (up to 120°C/248°F)  
 Oil resistant  
 High hardness  
 Improved performance in harsh conditions

**Recommended Sprockets:**  
 MPC Sprockets – MPB, Taper Bushed (8mm, 14mm)

**Strong...**  
 Like a Panther

**Quiet...**  
 Like a Panther

**Runs...**  
 Like a Panther

**Purrs...**  
 Like a Panther

**Applications:**  
 Printing machinery  
 Textile equipment  
 Packaging machinery  
 Compressors  
 Roller chain drives  
 Drop-in replacement for  
 polyurethane belts  
 & More

Synchronous Belts

V- Belts

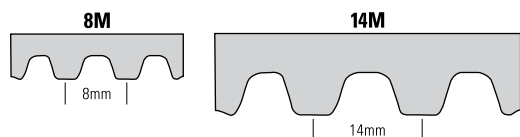
Specialty Belts

Tools

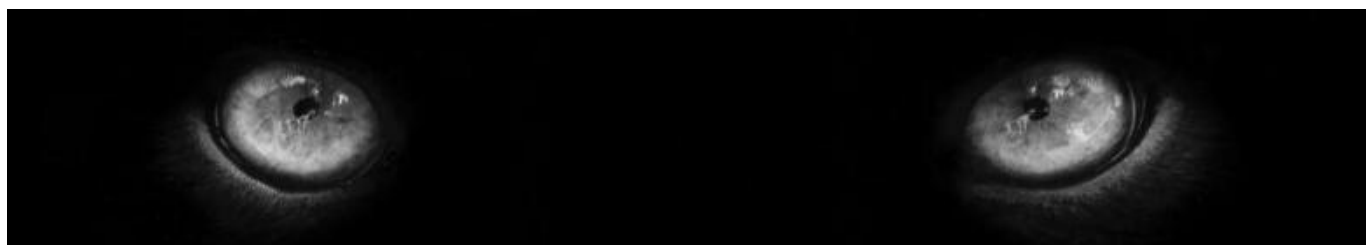
General Information

# Panther<sup>®</sup>XT

## Synchronous Drive Belt



**Our Panther<sup>®</sup>XT outlives the pack...by nine lives!**



### Panther<sup>®</sup>XT...PURRFECT TIMING

The strong, silent type, Panther XT is the extreme torque synchronous belt that purrrs.

A powerful alternative to chain or a drop-in replacement for polyurethane belts, Panther XT offers higher torque capacity than the Panther<sup>®</sup> RPP synchronous belt and is engineered to run quietly and efficiently in the harshest environments. Naturally agile, Panther XT moves quickly and easily to help achieve power ratings that meet or exceed the competition.

Carbon cord construction and abrasion-resistant, low friction tooth fabric promise the equivalent of nine lives of reduced downtime, maintenance, and noise levels.\*

\*See belt life comparison chart at right.

### RUNS like a panther

- Panther XT is engineered to achieve high power ratings
- Designed for efficiency, Panther XT minimizes drive widths resulting in more compact drive designs and reduced metal costs

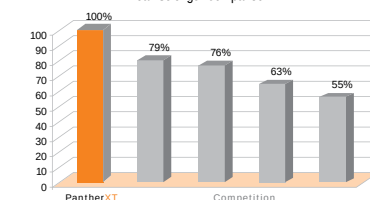
### STRONG like a panther

- Carbon cord construction with high tensile strength and minimal stretch increases durability
- Fabric is engineered to be low-friction and abrasion-resistant for extended belt life
- Oil/heat resistant up to 120°C/248°F
- An advanced polymer combines high elasticity and hardness for improved performance in harsh environments

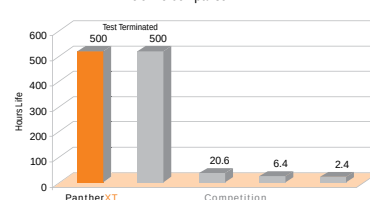
### QUIET like a panther

- Rubber construction and special fabric design reduce high frequency noise when compared to polyurethane belt construction

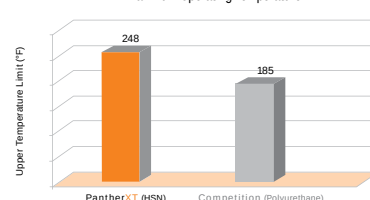
PANTHER<sup>®</sup>XT Break Strength Comparison



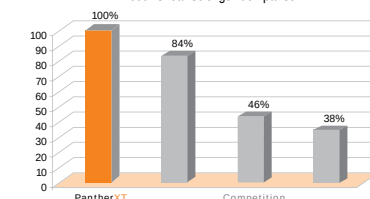
PANTHER<sup>®</sup>XT Belt Life Comparison



PANTHER<sup>®</sup>XT Maximum Operating Temperature



PANTHER<sup>®</sup>XT Tooth Shear Strength Comparison



# Panther<sup>®</sup>XT

## Synchronous Drive Belt

### Panther<sup>®</sup>XT Part Numbers

Part Number Example: **8MXT-640-12** = **8M** **XT** - **640** - **12**  
Tooth Pitch      PantherXT Construction      Pitch Length (millimeters)      Width (millimeters)

| Part<br>Number                                                                 | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                |                    | (mm)         | (in) |                 |
| 8MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (8mm) |                    |              |      |                 |
| 8MXT-640-12                                                                    | 80                 | 640          | 25.2 | 0.08            |
| 8MXT-640-21                                                                    | 80                 | 640          | 25.2 | 0.14            |
| 8MXT-640-36                                                                    | 80                 | 640          | 25.2 | 0.24            |
| 8MXT-640-62                                                                    | 80                 | 640          | 25.2 | 0.41            |
| 8MXT-720-12                                                                    | 90                 | 720          | 28.3 | 0.09            |
| 8MXT-720-21                                                                    | 90                 | 720          | 28.3 | 0.16            |
| 8MXT-720-36                                                                    | 90                 | 720          | 28.3 | 0.27            |
| 8MXT-720-62                                                                    | 90                 | 720          | 28.3 | 0.46            |
| 8MXT-800-12                                                                    | 100                | 800          | 31.5 | 0.10            |
| 8MXT-800-21                                                                    | 100                | 800          | 31.5 | 0.17            |
| 8MXT-800-36                                                                    | 100                | 800          | 31.5 | 0.30            |
| 8MXT-800-62                                                                    | 100                | 800          | 31.5 | 0.51            |
| 8MXT-896-12                                                                    | 112                | 896          | 35.3 | 0.11            |
| 8MXT-896-21                                                                    | 112                | 896          | 35.3 | 0.19            |
| 8MXT-896-36                                                                    | 112                | 896          | 35.3 | 0.33            |
| 8MXT-896-62                                                                    | 112                | 896          | 35.3 | 0.57            |
| 8MXT-960-12                                                                    | 120                | 960          | 37.8 | 0.12            |
| 8MXT-960-21                                                                    | 120                | 960          | 37.8 | 0.21            |
| 8MXT-960-36                                                                    | 120                | 960          | 37.8 | 0.36            |
| 8MXT-960-62                                                                    | 120                | 960          | 37.8 | 0.62            |
| 8MXT-1000-12                                                                   | 125                | 1000         | 39.4 | 0.12            |
| 8MXT-1000-21                                                                   | 125                | 1000         | 39.4 | 0.22            |
| 8MXT-1000-36                                                                   | 125                | 1000         | 39.4 | 0.37            |
| 8MXT-1000-62                                                                   | 125                | 1000         | 39.4 | 0.64            |
| 8MXT-1040-12                                                                   | 130                | 1040         | 40.9 | 0.13            |
| 8MXT-1040-21                                                                   | 130                | 1040         | 40.9 | 0.23            |
| 8MXT-1040-36                                                                   | 130                | 1040         | 40.9 | 0.39            |
| 8MXT-1040-62                                                                   | 130                | 1040         | 40.9 | 0.67            |
| 8MXT-1120-12                                                                   | 140                | 1120         | 44.1 | 0.14            |
| 8MXT-1120-21                                                                   | 140                | 1120         | 44.1 | 0.24            |
| 8MXT-1120-36                                                                   | 140                | 1120         | 44.1 | 0.42            |
| 8MXT-1120-62                                                                   | 140                | 1120         | 44.1 | 0.72            |
| 8MXT-1200-12                                                                   | 150                | 1200         | 47.2 | 0.15            |

| Part<br>Number                                                                 | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                |                    | (mm)         | (in) |                 |
| 8MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (8mm) |                    |              |      |                 |
| 8MXT-1200-21                                                                   | 150                | 1200         | 47.2 | 0.26            |
| 8MXT-1200-36                                                                   | 150                | 1200         | 47.2 | 0.45            |
| 8MXT-1200-62                                                                   | 150                | 1200         | 47.2 | 0.77            |
| 8MXT-1224-12                                                                   | 153                | 1224         | 48.2 | 0.15            |
| 8MXT-1224-21                                                                   | 153                | 1224         | 48.2 | 0.27            |
| 8MXT-1224-36                                                                   | 153                | 1224         | 48.2 | 0.46            |
| 8MXT-1224-62                                                                   | 153                | 1224         | 48.2 | 0.78            |
| 8MXT-1280-12                                                                   | 160                | 1280         | 50.4 | 0.16            |
| 8MXT-1280-21                                                                   | 160                | 1280         | 50.4 | 0.28            |
| 8MXT-1280-36                                                                   | 160                | 1280         | 50.4 | 0.48            |
| 8MXT-1280-62                                                                   | 160                | 1280         | 50.4 | 0.82            |
| 8MXT-1440-12                                                                   | 180                | 1440         | 56.7 | 0.18            |
| 8MXT-1440-21                                                                   | 180                | 1440         | 56.7 | 0.31            |
| 8MXT-1440-36                                                                   | 180                | 1440         | 56.7 | 0.54            |
| 8MXT-1440-62                                                                   | 180                | 1440         | 56.7 | 0.92            |
| 8MXT-1600-12                                                                   | 200                | 1600         | 63.0 | 0.20            |
| 8MXT-1600-21                                                                   | 200                | 1600         | 63.0 | 0.35            |
| 8MXT-1600-36                                                                   | 200                | 1600         | 63.0 | 0.60            |
| 8MXT-1600-62                                                                   | 200                | 1600         | 63.0 | 1.03            |
| 8MXT-1760-12                                                                   | 220                | 1760         | 69.3 | 0.22            |
| 8MXT-1760-21                                                                   | 220                | 1760         | 69.3 | 0.38            |
| 8MXT-1760-36                                                                   | 220                | 1760         | 69.3 | 0.66            |
| 8MXT-1760-62                                                                   | 220                | 1760         | 69.3 | 1.13            |
| 8MXT-1792-12                                                                   | 224                | 1792         | 70.6 | 0.22            |
| 8MXT-1792-21                                                                   | 224                | 1792         | 70.6 | 0.39            |
| 8MXT-1792-36                                                                   | 224                | 1792         | 70.6 | 0.67            |
| 8MXT-1792-62                                                                   | 224                | 1792         | 70.6 | 1.15            |
| 8MXT-2000-12                                                                   | 250                | 2000         | 78.7 | 0.25            |
| 8MXT-2000-21                                                                   | 250                | 2000         | 78.7 | 0.43            |
| 8MXT-2000-36                                                                   | 250                | 2000         | 78.7 | 0.74            |
| 8MXT-2000-62                                                                   | 250                | 2000         | 78.7 | 1.28            |
| 8MXT-2200-12                                                                   | 275                | 2200         | 86.6 | 0.27            |
| 8MXT-2200-21                                                                   | 275                | 2200         | 86.6 | 0.48            |

# Panther<sup>®</sup>XT

## Synchronous Drive Belt

### Panther<sup>®</sup>XT Part Numbers

| Part<br>Number                                                                 | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                |                    | (mm)         | (in)  |                 |
| 8MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (8mm) |                    |              |       |                 |
| 8MXT-2200-36                                                                   | 275                | 2200         | 86.6  | 0.82            |
| 8MXT-2200-62                                                                   | 275                | 2200         | 86.6  | 1.41            |
| 8MXT-2240-12                                                                   | 280                | 2240         | 88.2  | 0.28            |
| 8MXT-2240-21                                                                   | 280                | 2240         | 88.2  | 0.49            |
| 8MXT-2240-36                                                                   | 280                | 2240         | 88.2  | 0.83            |
| 8MXT-2240-62                                                                   | 280                | 2240         | 88.2  | 1.44            |
| 8MXT-2400-12                                                                   | 300                | 2400         | 94.5  | 0.30            |
| 8MXT-2400-21                                                                   | 300                | 2400         | 94.5  | 0.52            |
| 8MXT-2400-36                                                                   | 300                | 2400         | 94.5  | 0.89            |
| 8MXT-2400-62                                                                   | 300                | 2400         | 94.5  | 1.54            |
| 8MXT-2520-12                                                                   | 315                | 2520         | 99.2  | 0.31            |
| 8MXT-2520-21                                                                   | 315                | 2520         | 99.2  | 0.55            |
| 8MXT-2520-36                                                                   | 315                | 2520         | 99.2  | 0.94            |
| 8MXT-2520-62                                                                   | 315                | 2520         | 99.2  | 1.62            |
| 8MXT-2600-12                                                                   | 325                | 2600         | 102.4 | 0.32            |
| 8MXT-2600-21                                                                   | 325                | 2600         | 102.4 | 0.56            |
| 8MXT-2600-36                                                                   | 325                | 2600         | 102.4 | 0.97            |
| 8MXT-2600-62                                                                   | 325                | 2600         | 102.4 | 1.67            |
| 8MXT-2800-12                                                                   | 350                | 2800         | 110.2 | 0.35            |
| 8MXT-2800-21                                                                   | 350                | 2800         | 110.2 | 0.61            |
| 8MXT-2800-36                                                                   | 350                | 2800         | 110.2 | 1.04            |
| 8MXT-2800-62                                                                   | 350                | 2800         | 110.2 | 1.79            |
| 8MXT-2840-12                                                                   | 355                | 2840         | 111.8 | 0.35            |
| 8MXT-2840-21                                                                   | 355                | 2840         | 111.8 | 0.62            |
| 8MXT-2840-36                                                                   | 355                | 2840         | 111.8 | 1.06            |
| 8MXT-2840-62                                                                   | 355                | 2840         | 111.8 | 1.82            |
| 8MXT-3048-12                                                                   | 381                | 3048         | 120.0 | 0.38            |
| 8MXT-3048-21                                                                   | 381                | 3048         | 120.0 | 0.66            |
| 8MXT-3048-36                                                                   | 381                | 3048         | 120.0 | 1.13            |
| 8MXT-3048-62                                                                   | 381                | 3048         | 120.0 | 1.95            |
| 8MXT-3200-12                                                                   | 400                | 3200         | 126.0 | 0.40            |
| 8MXT-3200-21                                                                   | 400                | 3200         | 126.0 | 0.69            |
| 8MXT-3200-36                                                                   | 400                | 3200         | 126.0 | 1.19            |

| Part<br>Number                                                                   | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|----------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                  |                    | (mm)         | (in)  |                 |
| 8MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (8mm)   |                    |              |       |                 |
| 8MXT-3200-62                                                                     | 400                | 3200         | 126.0 | 2.05            |
| 8MXT-3280-12                                                                     | 410                | 3280         | 129.1 | 0.41            |
| 8MXT-3280-21                                                                     | 410                | 3280         | 129.1 | 0.71            |
| 8MXT-3280-36                                                                     | 410                | 3280         | 129.1 | 1.22            |
| 8MXT-3280-62                                                                     | 410                | 3280         | 129.1 | 2.10            |
| 8MXT-3600-12                                                                     | 450                | 3600         | 141.7 | 0.45            |
| 8MXT-3600-21                                                                     | 450                | 3600         | 141.7 | 0.78            |
| 8MXT-3600-36                                                                     | 450                | 3600         | 141.7 | 1.34            |
| 8MXT-3600-62                                                                     | 450                | 3600         | 141.7 | 2.31            |
| 8MXT-4000-12                                                                     | 500                | 4000         | 157.5 | 0.50            |
| 8MXT-4000-21                                                                     | 500                | 4000         | 157.5 | 0.87            |
| 8MXT-4000-36                                                                     | 500                | 4000         | 157.5 | 1.49            |
| 8MXT-4000-62                                                                     | 500                | 4000         | 157.5 | 2.56            |
| 8MXT-4400-12                                                                     | 550                | 4400         | 173.2 | 0.55            |
| 8MXT-4400-21                                                                     | 550                | 4400         | 173.2 | 0.96            |
| 8MXT-4400-36                                                                     | 550                | 4400         | 173.2 | 1.64            |
| 8MXT-4400-62                                                                     | 550                | 4400         | 173.2 | 2.82            |
| 8MXT-4480-12                                                                     | 560                | 4480         | 176.4 | 0.56            |
| 8MXT-4480-21                                                                     | 560                | 4480         | 176.4 | 0.97            |
| 8MXT-4480-36                                                                     | 560                | 4480         | 176.4 | 1.67            |
| 8MXT-4480-62                                                                     | 560                | 4480         | 176.4 | 2.87            |
| 14MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (14mm) |                    |              |       |                 |
| 14MXT-994-20                                                                     | 71                 | 994          | 39.1  | 0.36            |
| 14MXT-994-37                                                                     | 71                 | 994          | 39.1  | 0.67            |
| 14MXT-994-68                                                                     | 71                 | 994          | 39.1  | 1.24            |
| 14MXT-994-90                                                                     | 71                 | 994          | 39.1  | 1.64            |
| 14MXT-994-125                                                                    | 71                 | 994          | 39.1  | 2.28            |
| 14MXT-1120-20                                                                    | 80                 | 1120         | 44.1  | 0.41            |
| 14MXT-1120-37                                                                    | 80                 | 1120         | 44.1  | 0.76            |
| 14MXT-1120-68                                                                    | 80                 | 1120         | 44.1  | 1.40            |
| 14MXT-1120-90                                                                    | 80                 | 1120         | 44.1  | 1.85            |
| 14MXT-1120-125                                                                   | 80                 | 1120         | 44.1  | 2.57            |



# Panther<sup>®</sup>XT

## Synchronous Drive Belt

Part Number Example: **14MXT-1400-90** = **14M** **XT** - **1400** - **90**

Tooth Pitch
PantherXT Construction
Pitch Length (millimeters)
Width (millimeters)

| Part<br>Number                                                                   | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|----------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                  |                    | (mm)         | (in) |                 |
| 14MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (14mm) |                    |              |      |                 |
| 14MXT-1190-20                                                                    | 85                 | 1190         | 46.9 | 0.44            |
| 14MXT-1190-37                                                                    | 85                 | 1190         | 46.9 | 0.81            |
| 14MXT-1190-68                                                                    | 85                 | 1190         | 46.9 | 1.48            |
| 14MXT-1190-90                                                                    | 85                 | 1190         | 46.9 | 1.96            |
| 14MXT-1190-125                                                                   | 85                 | 1190         | 46.9 | 2.73            |
| 14MXT-1260-20                                                                    | 90                 | 1260         | 49.6 | 0.46            |
| 14MXT-1260-37                                                                    | 90                 | 1260         | 49.6 | 0.86            |
| 14MXT-1260-68                                                                    | 90                 | 1260         | 49.6 | 1.57            |
| 14MXT-1260-90                                                                    | 90                 | 1260         | 49.6 | 2.08            |
| 14MXT-1260-125                                                                   | 90                 | 1260         | 49.6 | 2.89            |
| 14MXT-1400-20                                                                    | 100                | 1400         | 55.1 | 0.51            |
| 14MXT-1400-37                                                                    | 100                | 1400         | 55.1 | 0.95            |
| 14MXT-1400-68                                                                    | 100                | 1400         | 55.1 | 1.75            |
| 14MXT-1400-90                                                                    | 100                | 1400         | 55.1 | 2.31            |
| 14MXT-1400-125                                                                   | 100                | 1400         | 55.1 | 3.21            |
| 14MXT-1568-20                                                                    | 112                | 1568         | 61.7 | 0.58            |
| 14MXT-1568-37                                                                    | 112                | 1568         | 61.7 | 1.06            |
| 14MXT-1568-68                                                                    | 112                | 1568         | 61.7 | 1.96            |
| 14MXT-1568-90                                                                    | 112                | 1568         | 61.7 | 2.59            |
| 14MXT-1568-125                                                                   | 112                | 1568         | 61.7 | 3.60            |
| 14MXT-1610-20                                                                    | 115                | 1610         | 63.4 | 0.59            |
| 14MXT-1610-37                                                                    | 115                | 1610         | 63.4 | 1.09            |
| 14MXT-1610-68                                                                    | 115                | 1610         | 63.4 | 2.01            |
| 14MXT-1610-90                                                                    | 115                | 1610         | 63.4 | 2.66            |
| 14MXT-1610-125                                                                   | 115                | 1610         | 63.4 | 3.69            |
| 14MXT-1750-20                                                                    | 125                | 1750         | 68.9 | 0.64            |
| 14MXT-1750-37                                                                    | 125                | 1750         | 68.9 | 1.19            |
| 14MXT-1750-68                                                                    | 125                | 1750         | 68.9 | 2.18            |
| 14MXT-1750-90                                                                    | 125                | 1750         | 68.9 | 2.89            |
| 14MXT-1750-125                                                                   | 125                | 1750         | 68.9 | 4.01            |
| 14MXT-1890-20                                                                    | 135                | 1890         | 74.4 | 0.69            |
| 14MXT-1890-37                                                                    | 135                | 1890         | 74.4 | 1.28            |
| 14MXT-1890-68                                                                    | 135                | 1890         | 74.4 | 2.36            |

| Part<br>Number                                                                   | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|----------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                  |                    | (mm)         | (in) |                 |
| 14MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (14mm) |                    |              |      |                 |
| 14MXT-1890-90                                                                    | 135                | 1890         | 74.4 | 3.12            |
| 14MXT-1890-125                                                                   | 135                | 1890         | 74.4 | 4.33            |
| 14MXT-1960-20                                                                    | 140                | 1960         | 77.2 | 0.72            |
| 14MXT-1960-37                                                                    | 140                | 1960         | 77.2 | 1.33            |
| 14MXT-1960-68                                                                    | 140                | 1960         | 77.2 | 2.44            |
| 14MXT-1960-90                                                                    | 140                | 1960         | 77.2 | 3.24            |
| 14MXT-1960-125                                                                   | 140                | 1960         | 77.2 | 4.49            |
| 14MXT-2100-20                                                                    | 150                | 2100         | 82.7 | 0.77            |
| 14MXT-2100-37                                                                    | 150                | 2100         | 82.7 | 1.43            |
| 14MXT-2100-68                                                                    | 150                | 2100         | 82.7 | 2.62            |
| 14MXT-2100-90                                                                    | 150                | 2100         | 82.7 | 3.47            |
| 14MXT-2100-125                                                                   | 150                | 2100         | 82.7 | 4.81            |
| 14MXT-2240-20                                                                    | 160                | 2240         | 88.2 | 0.82            |
| 14MXT-2240-37                                                                    | 160                | 2240         | 88.2 | 1.52            |
| 14MXT-2240-68                                                                    | 160                | 2240         | 88.2 | 2.79            |
| 14MXT-2240-90                                                                    | 160                | 2240         | 88.2 | 3.70            |
| 14MXT-2240-125                                                                   | 160                | 2240         | 88.2 | 5.14            |
| 14MXT-2310-20                                                                    | 165                | 2310         | 90.9 | 0.85            |
| 14MXT-2310-37                                                                    | 165                | 2310         | 90.9 | 1.57            |
| 14MXT-2310-68                                                                    | 165                | 2310         | 90.9 | 2.88            |
| 14MXT-2310-90                                                                    | 165                | 2310         | 90.9 | 3.81            |
| 14MXT-2310-125                                                                   | 165                | 2310         | 90.9 | 5.30            |
| 14MXT-2380-20                                                                    | 170                | 2380         | 93.7 | 0.87            |
| 14MXT-2380-37                                                                    | 170                | 2380         | 93.7 | 1.62            |
| 14MXT-2380-68                                                                    | 170                | 2380         | 93.7 | 2.97            |
| 14MXT-2380-90                                                                    | 170                | 2380         | 93.7 | 3.93            |
| 14MXT-2380-125                                                                   | 170                | 2380         | 93.7 | 5.46            |
| 14MXT-2450-20                                                                    | 175                | 2450         | 96.5 | 0.90            |
| 14MXT-2450-37                                                                    | 175                | 2450         | 96.5 | 1.66            |
| 14MXT-2450-68                                                                    | 175                | 2450         | 96.5 | 3.06            |
| 14MXT-2450-90                                                                    | 175                | 2450         | 96.5 | 4.04            |
| 14MXT-2450-125                                                                   | 175                | 2450         | 96.5 | 5.62            |
| 14MXT-2520-20                                                                    | 180                | 2520         | 99.2 | 0.92            |

# Panther<sup>®</sup>XT

## Synchronous Drive Belt

### Panther<sup>®</sup>XT Part Numbers

Part Number Example: **14MXT-2520-90** = **14M** **XT** - **2520** - **90**

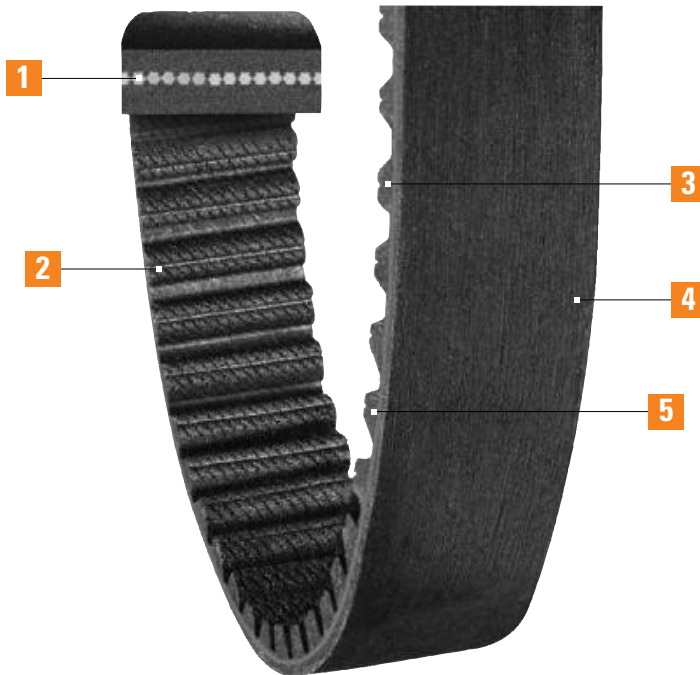
Tooth Pitch
PantherXT Construction
Pitch Length (millimeters)
Width (millimeters)

| Part<br>Number                                                                   | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|----------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                  |                    | (mm)         | (in)  |                 |
| 14MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (14mm) |                    |              |       |                 |
| 14MXT-2520-37                                                                    | 180                | 2520         | 99.2  | 1.71            |
| 14MXT-2520-68                                                                    | 180                | 2520         | 99.2  | 3.14            |
| 14MXT-2520-90                                                                    | 180                | 2520         | 99.2  | 4.16            |
| 14MXT-2520-125                                                                   | 180                | 2520         | 99.2  | 5.78            |
| 14MXT-2590-20                                                                    | 185                | 2590         | 102.0 | 0.95            |
| 14MXT-2590-37                                                                    | 185                | 2590         | 102.0 | 1.76            |
| 14MXT-2590-68                                                                    | 185                | 2590         | 102.0 | 3.23            |
| 14MXT-2590-90                                                                    | 185                | 2590         | 102.0 | 4.28            |
| 14MXT-2590-125                                                                   | 185                | 2590         | 102.0 | 5.94            |
| 14MXT-2660-20                                                                    | 190                | 2660         | 104.7 | 0.98            |
| 14MXT-2660-37                                                                    | 190                | 2660         | 104.7 | 1.81            |
| 14MXT-2660-68                                                                    | 190                | 2660         | 104.7 | 3.32            |
| 14MXT-2660-90                                                                    | 190                | 2660         | 104.7 | 4.39            |
| 14MXT-2660-125                                                                   | 190                | 2660         | 104.7 | 6.10            |
| 14MXT-2800-20                                                                    | 200                | 2800         | 110.2 | 1.03            |
| 14MXT-2800-37                                                                    | 200                | 2800         | 110.2 | 1.90            |
| 14MXT-2800-68                                                                    | 200                | 2800         | 110.2 | 3.49            |
| 14MXT-2800-90                                                                    | 200                | 2800         | 110.2 | 4.62            |
| 14MXT-2800-125                                                                   | 200                | 2800         | 110.2 | 6.42            |
| 14MXT-3136-20                                                                    | 224                | 3136         | 123.5 | 1.15            |
| 14MXT-3136-37                                                                    | 224                | 3136         | 123.5 | 2.13            |
| 14MXT-3136-68                                                                    | 224                | 3136         | 123.5 | 3.91            |
| 14MXT-3136-90                                                                    | 224                | 3136         | 123.5 | 5.18            |
| 14MXT-3136-125                                                                   | 224                | 3136         | 123.5 | 7.19            |
| 14MXT-3304-20                                                                    | 236                | 3304         | 130.1 | 1.21            |
| 14MXT-3304-37                                                                    | 236                | 3304         | 130.1 | 2.24            |
| 14MXT-3304-68                                                                    | 236                | 3304         | 130.1 | 4.12            |
| 14MXT-3304-90                                                                    | 236                | 3304         | 130.1 | 5.45            |
| 14MXT-3304-125                                                                   | 236                | 3304         | 130.1 | 7.58            |
| 14MXT-3360-20                                                                    | 240                | 3360         | 132.3 | 1.23            |
| 14MXT-3360-37                                                                    | 240                | 3360         | 132.3 | 2.28            |
| 14MXT-3360-68                                                                    | 240                | 3360         | 132.3 | 4.19            |
| 14MXT-3360-90                                                                    | 240                | 3360         | 132.3 | 5.55            |

| Part<br>Number                                                                   | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|----------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                  |                    | (mm)         | (in)  |                 |
| 14MXT Pitch – Recommended Sprockets:<br>MPC Sprockets – MPB, Taper Bushed (14mm) |                    |              |       |                 |
| 14MXT-3360-125                                                                   | 240                | 3360         | 132.3 | 7.70            |
| 14MXT-3500-20                                                                    | 250                | 3500         | 137.8 | 1.28            |
| 14MXT-3500-37                                                                    | 250                | 3500         | 137.8 | 2.38            |
| 14MXT-3500-68                                                                    | 250                | 3500         | 137.8 | 4.37            |
| 14MXT-3500-90                                                                    | 250                | 3500         | 137.8 | 5.78            |
| 14MXT-3500-125                                                                   | 250                | 3500         | 137.8 | 8.02            |
| 14MXT-3850-20                                                                    | 275                | 3850         | 151.6 | 1.41            |
| 14MXT-3850-37                                                                    | 275                | 3850         | 151.6 | 2.61            |
| 14MXT-3850-68                                                                    | 275                | 3850         | 151.6 | 4.80            |
| 14MXT-3850-90                                                                    | 275                | 3850         | 151.6 | 6.36            |
| 14MXT-3850-125                                                                   | 275                | 3850         | 151.6 | 8.83            |
| 14MXT-3920-20                                                                    | 280                | 3920         | 154.3 | 1.44            |
| 14MXT-3920-37                                                                    | 280                | 3920         | 154.3 | 2.66            |
| 14MXT-3920-68                                                                    | 280                | 3920         | 154.3 | 4.89            |
| 14MXT-3920-90                                                                    | 280                | 3920         | 154.3 | 6.47            |
| 14MXT-3920-125                                                                   | 280                | 3920         | 154.3 | 8.99            |
| 14MXT-4144-20                                                                    | 296                | 4144         | 163.1 | 1.51            |
| 14MXT-4144-37                                                                    | 296                | 4144         | 163.1 | 2.85            |
| 14MXT-4144-68                                                                    | 296                | 4144         | 163.1 | 5.10            |
| 14MXT-4144-90                                                                    | 296                | 4144         | 163.1 | 6.90            |
| 14MXT-4144-125                                                                   | 296                | 4144         | 163.1 | 9.51            |
| 14MXT-4326-20                                                                    | 309                | 4326         | 170.3 | 1.59            |
| 14MXT-4326-37                                                                    | 309                | 4326         | 170.3 | 2.94            |
| 14MXT-4326-68                                                                    | 309                | 4326         | 170.3 | 5.40            |
| 14MXT-4326-90                                                                    | 309                | 4326         | 170.3 | 7.14            |
| 14MXT-4326-125                                                                   | 309                | 4326         | 170.3 | 9.92            |
| 14MXT-4410-20                                                                    | 315                | 4410         | 173.6 | 1.62            |
| 14MXT-4410-37                                                                    | 315                | 4410         | 173.6 | 2.99            |
| 14MXT-4410-68                                                                    | 315                | 4410         | 173.6 | 5.50            |
| 14MXT-4410-90                                                                    | 315                | 4410         | 173.6 | 7.28            |
| 14MXT-4410-125                                                                   | 315                | 4410         | 173.6 | 10.11           |

# Panther®

## Synchronous Drive Belt



**1 Ultra-Cord® Tensile Member**  
High strength  
Low tension decay  
Dimensional stability

**2 Nylon Tooth Facing**  
Graphite-loaded  
Self-lubricating  
Wear resistant

**3 RPP® Profile**  
Efficient transfer of power  
Jump and shear resistant  
Quiet

**4 Rubber Backing**  
Precision-ground  
Smooth operation with backside idler

**5 Advanced Polymer Compound**  
Excellent performance  
Long belt life

**Recommended Sprockets:**  
High Torque Synchronous (HTS) Sprockets – MPB, QD, Taper Bushed (8mm, 14mm, 20mm)

Optimized tensile member

Advanced polymer compound

Maintenance-free

Energy efficient

**Applications:**

Conveyors  
Blowers  
Packaging equipment  
Machine tools  
Industrial machinery  
& More

Synchronous Belts

V-Belts

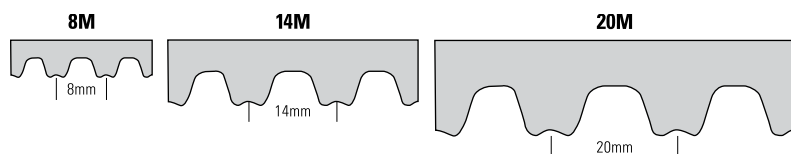
Specialty Belts

Tools

General Information

# Panther®

## Synchronous Drive Belt



**Panther® is designed to improve performance and drive life while reducing maintenance and downtime.**

### The energy efficient Panther® belt

offers higher torque capacity than Timken Synchro-Cog® HT belts.

- **Strong** – Panther belts shrug off shock loads. Designed with Ultra-Cord to deliver strength and dimensional stability.
- **Resilient** – Uniquely engineered teeth are made of an advanced polymer compound for high performance and long belt life. The tooth facing is graphite loaded, self-lubricating and wear resistant. The RPP® profile offers superior performance in RPP, HTS and PGGT2® sprockets as well as HPPD, Hawk Pd® and HTD® sprockets.
- **Energy Efficient** – Panther belts perform at 98-99% operating efficiency for reduced energy consumption.
- **Panther Power** – Panther belts are maintenance free while offering higher power ratings than conventional rubber synchronous belts. Available in 8, 14 and 20mm pitches.



Hawk Pd® is a registered trademark of Veyance Technologies, Inc. PGGT2® and HTD® are registered trademarks of Gates Corporation.

# Panther®

## Synchronous Drive Belt

### Panther® Part Numbers

Part Number Example: **1400-8MPT-50** = **1400** - **8M** **PT** - **50**

Pitch Length (millimeters)    Tooth Pitch    Panther Construction (RPP tooth profile)    Width (millimeters)

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 480-8MPT-12                                                                        | 60                 | 480          | 18.9 | 0.07            |
| 480-8MPT-20                                                                        | 60                 | 480          | 18.9 | 0.12            |
| 480-8MPT-22                                                                        | 60                 | 480          | 18.9 | 0.13            |
| 480-8MPT-30                                                                        | 60                 | 480          | 18.9 | 0.17            |
| 480-8MPT-35                                                                        | 60                 | 480          | 18.9 | 0.20            |
| 480-8MPT-50                                                                        | 60                 | 480          | 18.9 | 0.29            |
| 480-8MPT-60                                                                        | 60                 | 480          | 18.9 | 0.35            |
| 480-8MPT-85                                                                        | 60                 | 480          | 18.9 | 0.49            |
| 560-8MPT-12                                                                        | 70                 | 560          | 22.0 | 0.08            |
| 560-8MPT-20                                                                        | 70                 | 560          | 22.0 | 0.14            |
| 560-8MPT-22                                                                        | 70                 | 560          | 22.0 | 0.15            |
| 560-8MPT-30                                                                        | 70                 | 560          | 22.0 | 0.20            |
| 560-8MPT-35                                                                        | 70                 | 560          | 22.0 | 0.24            |
| 560-8MPT-50                                                                        | 70                 | 560          | 22.0 | 0.34            |
| 560-8MPT-60                                                                        | 70                 | 560          | 22.0 | 0.41            |
| 560-8MPT-85                                                                        | 70                 | 560          | 22.0 | 0.57            |
| 600-8MPT-12                                                                        | 75                 | 600          | 23.6 | 0.09            |
| 600-8MPT-20                                                                        | 75                 | 600          | 23.6 | 0.14            |
| 600-8MPT-22                                                                        | 75                 | 600          | 23.6 | 0.16            |
| 600-8MPT-30                                                                        | 75                 | 600          | 23.6 | 0.22            |
| 600-8MPT-35                                                                        | 75                 | 600          | 23.6 | 0.25            |
| 600-8MPT-50                                                                        | 75                 | 600          | 23.6 | 0.36            |
| 600-8MPT-60                                                                        | 75                 | 600          | 23.6 | 0.43            |
| 600-8MPT-85                                                                        | 75                 | 600          | 23.6 | 0.61            |
| 640-8MPT-12                                                                        | 80                 | 640          | 25.2 | 0.09            |
| 640-8MPT-20                                                                        | 80                 | 640          | 25.2 | 0.15            |
| 640-8MPT-22                                                                        | 80                 | 640          | 25.2 | 0.17            |
| 640-8MPT-30                                                                        | 80                 | 640          | 25.2 | 0.23            |
| 640-8MPT-35                                                                        | 80                 | 640          | 25.2 | 0.27            |
| 640-8MPT-50                                                                        | 80                 | 640          | 25.2 | 0.39            |
| 640-8MPT-60                                                                        | 80                 | 640          | 25.2 | 0.46            |
| 640-8MPT-85                                                                        | 80                 | 640          | 25.2 | 0.66            |
| 720-8MPT-12                                                                        | 90                 | 720          | 28.3 | 0.10            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 720-8MPT-20                                                                        | 90                 | 720          | 28.3 | 0.17            |
| 720-8MPT-22                                                                        | 90                 | 720          | 28.3 | 0.19            |
| 720-8MPT-30                                                                        | 90                 | 720          | 28.3 | 0.26            |
| 720-8MPT-35                                                                        | 90                 | 720          | 28.3 | 0.30            |
| 720-8MPT-50                                                                        | 90                 | 720          | 28.3 | 0.43            |
| 720-8MPT-60                                                                        | 90                 | 720          | 28.3 | 0.52            |
| 720-8MPT-85                                                                        | 90                 | 720          | 28.3 | 0.74            |
| 800-8MPT-12                                                                        | 100                | 800          | 31.5 | 0.12            |
| 800-8MPT-20                                                                        | 100                | 800          | 31.5 | 0.19            |
| 800-8MPT-22                                                                        | 100                | 800          | 31.5 | 0.21            |
| 800-8MPT-30                                                                        | 100                | 800          | 31.5 | 0.29            |
| 800-8MPT-35                                                                        | 100                | 800          | 31.5 | 0.34            |
| 800-8MPT-50                                                                        | 100                | 800          | 31.5 | 0.48            |
| 800-8MPT-60                                                                        | 100                | 800          | 31.5 | 0.58            |
| 800-8MPT-85                                                                        | 100                | 800          | 31.5 | 0.82            |
| 880-8MPT-12                                                                        | 110                | 880          | 34.6 | 0.13            |
| 880-8MPT-20                                                                        | 110                | 880          | 34.6 | 0.21            |
| 880-8MPT-22                                                                        | 110                | 880          | 34.6 | 0.23            |
| 880-8MPT-30                                                                        | 110                | 880          | 34.6 | 0.32            |
| 880-8MPT-35                                                                        | 110                | 880          | 34.6 | 0.37            |
| 880-8MPT-50                                                                        | 110                | 880          | 34.6 | 0.53            |
| 880-8MPT-60                                                                        | 110                | 880          | 34.6 | 0.64            |
| 880-8MPT-85                                                                        | 110                | 880          | 34.6 | 0.90            |
| 896-8MPT-12                                                                        | 112                | 896          | 35.3 | 0.13            |
| 896-8MPT-20                                                                        | 112                | 896          | 35.3 | 0.22            |
| 896-8MPT-22                                                                        | 112                | 896          | 35.3 | 0.24            |
| 896-8MPT-30                                                                        | 112                | 896          | 35.3 | 0.32            |
| 896-8MPT-35                                                                        | 112                | 896          | 35.3 | 0.38            |
| 896-8MPT-50                                                                        | 112                | 896          | 35.3 | 0.54            |
| 896-8MPT-60                                                                        | 112                | 896          | 35.3 | 0.65            |
| 896-8MPT-85                                                                        | 112                | 896          | 35.3 | 0.92            |
| 920-8MPT-12                                                                        | 115                | 920          | 36.2 | 0.13            |
| 920-8MPT-20                                                                        | 115                | 920          | 36.2 | 0.22            |



# Panther®

## Synchronous Drive Belt

### Panther® Part Numbers

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 920-8MPT-22                                                                     | 115             | 920          | 36.2 | 0.24         |
| 920-8MPT-30                                                                     | 115             | 920          | 36.2 | 0.33         |
| 920-8MPT-35                                                                     | 115             | 920          | 36.2 | 0.39         |
| 920-8MPT-50                                                                     | 115             | 920          | 36.2 | 0.55         |
| 920-8MPT-60                                                                     | 115             | 920          | 36.2 | 0.67         |
| 920-8MPT-85                                                                     | 115             | 920          | 36.2 | 0.94         |
| 960-8MPT-12                                                                     | 120             | 960          | 37.8 | 0.14         |
| 960-8MPT-20                                                                     | 120             | 960          | 37.8 | 0.23         |
| 960-8MPT-22                                                                     | 120             | 960          | 37.8 | 0.25         |
| 960-8MPT-30                                                                     | 120             | 960          | 37.8 | 0.35         |
| 960-8MPT-35                                                                     | 120             | 960          | 37.8 | 0.41         |
| 960-8MPT-50                                                                     | 120             | 960          | 37.8 | 0.58         |
| 960-8MPT-60                                                                     | 120             | 960          | 37.8 | 0.69         |
| 960-8MPT-85                                                                     | 120             | 960          | 37.8 | 0.98         |
| 1000-8MPT-12                                                                    | 125             | 1000         | 39.4 | 0.14         |
| 1000-8MPT-20                                                                    | 125             | 1000         | 39.4 | 0.24         |
| 1000-8MPT-22                                                                    | 125             | 1000         | 39.4 | 0.27         |
| 1000-8MPT-30                                                                    | 125             | 1000         | 39.4 | 0.36         |
| 1000-8MPT-35                                                                    | 125             | 1000         | 39.4 | 0.42         |
| 1000-8MPT-50                                                                    | 125             | 1000         | 39.4 | 0.60         |
| 1000-8MPT-60                                                                    | 125             | 1000         | 39.4 | 0.72         |
| 1000-8MPT-85                                                                    | 125             | 1000         | 39.4 | 1.02         |
| 1040-8MPT-12                                                                    | 130             | 1040         | 40.9 | 0.15         |
| 1040-8MPT-20                                                                    | 130             | 1040         | 40.9 | 0.25         |
| 1040-8MPT-22                                                                    | 130             | 1040         | 40.9 | 0.28         |
| 1040-8MPT-30                                                                    | 130             | 1040         | 40.9 | 0.38         |
| 1040-8MPT-35                                                                    | 130             | 1040         | 40.9 | 0.44         |
| 1040-8MPT-50                                                                    | 130             | 1040         | 40.9 | 0.63         |
| 1040-8MPT-60                                                                    | 130             | 1040         | 40.9 | 0.75         |
| 1040-8MPT-85                                                                    | 130             | 1040         | 40.9 | 1.07         |
| 1120-8MPT-12                                                                    | 140             | 1120         | 44.1 | 0.16         |
| 1120-8MPT-20                                                                    | 140             | 1120         | 44.1 | 0.27         |
| 1120-8MPT-22                                                                    | 140             | 1120         | 44.1 | 0.30         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 1120-8MPT-30                                                                    | 140             | 1120         | 44.1 | 0.41         |
| 1120-8MPT-35                                                                    | 140             | 1120         | 44.1 | 0.47         |
| 1120-8MPT-50                                                                    | 140             | 1120         | 44.1 | 0.68         |
| 1120-8MPT-60                                                                    | 140             | 1120         | 44.1 | 0.81         |
| 1120-8MPT-85                                                                    | 140             | 1120         | 44.1 | 1.15         |
| 1152-8MPT-12                                                                    | 144             | 1152         | 45.4 | 0.17         |
| 1152-8MPT-20                                                                    | 144             | 1152         | 45.4 | 0.28         |
| 1152-8MPT-22                                                                    | 144             | 1152         | 45.4 | 0.31         |
| 1152-8MPT-30                                                                    | 144             | 1152         | 45.4 | 0.42         |
| 1152-8MPT-35                                                                    | 144             | 1152         | 45.4 | 0.49         |
| 1152-8MPT-50                                                                    | 144             | 1152         | 45.4 | 0.69         |
| 1152-8MPT-60                                                                    | 144             | 1152         | 45.4 | 0.83         |
| 1152-8MPT-85                                                                    | 144             | 1152         | 45.4 | 1.18         |
| 1200-8MPT-12                                                                    | 150             | 1200         | 47.2 | 0.17         |
| 1200-8MPT-20                                                                    | 150             | 1200         | 47.2 | 0.29         |
| 1200-8MPT-22                                                                    | 150             | 1200         | 47.2 | 0.32         |
| 1200-8MPT-30                                                                    | 150             | 1200         | 47.2 | 0.43         |
| 1200-8MPT-35                                                                    | 150             | 1200         | 47.2 | 0.51         |
| 1200-8MPT-50                                                                    | 150             | 1200         | 47.2 | 0.72         |
| 1200-8MPT-60                                                                    | 150             | 1200         | 47.2 | 0.87         |
| 1200-8MPT-85                                                                    | 150             | 1200         | 47.2 | 1.23         |
| 1224-8MPT-12                                                                    | 153             | 1224         | 48.2 | 0.18         |
| 1224-8MPT-20                                                                    | 153             | 1224         | 48.2 | 0.30         |
| 1224-8MPT-22                                                                    | 153             | 1224         | 48.2 | 0.32         |
| 1224-8MPT-30                                                                    | 153             | 1224         | 48.2 | 0.44         |
| 1224-8MPT-35                                                                    | 153             | 1224         | 48.2 | 0.52         |
| 1224-8MPT-50                                                                    | 153             | 1224         | 48.2 | 0.74         |
| 1224-8MPT-60                                                                    | 153             | 1224         | 48.2 | 0.89         |
| 1224-8MPT-85                                                                    | 153             | 1224         | 48.2 | 1.25         |
| 1248-8MPT-12                                                                    | 156             | 1248         | 49.1 | 0.18         |
| 1248-8MPT-20                                                                    | 156             | 1248         | 49.1 | 0.30         |
| 1248-8MPT-22                                                                    | 156             | 1248         | 49.1 | 0.33         |
| 1248-8MPT-30                                                                    | 156             | 1248         | 49.1 | 0.45         |

# Panther®

## Synchronous Drive Belt

Part Number Example: **1400-8MPT-50** = **1400** - **8M** **PT** - **50**

Pitch Length (millimeters)    Tooth Pitch    Panther Construction (RPP tooth profile)    Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 1248-8MPT-35                                                                    | 156             | 1248         | 49.1 | 0.53         |
| 1248-8MPT-50                                                                    | 156             | 1248         | 49.1 | 0.75         |
| 1248-8MPT-60                                                                    | 156             | 1248         | 49.1 | 0.90         |
| 1248-8MPT-85                                                                    | 156             | 1248         | 49.1 | 1.28         |
| 1280-8MPT-12                                                                    | 160             | 1280         | 50.4 | 0.19         |
| 1280-8MPT-20                                                                    | 160             | 1280         | 50.4 | 0.31         |
| 1280-8MPT-22                                                                    | 160             | 1280         | 50.4 | 0.34         |
| 1280-8MPT-30                                                                    | 160             | 1280         | 50.4 | 0.46         |
| 1280-8MPT-35                                                                    | 160             | 1280         | 50.4 | 0.54         |
| 1280-8MPT-50                                                                    | 160             | 1280         | 50.4 | 0.77         |
| 1280-8MPT-60                                                                    | 160             | 1280         | 50.4 | 0.93         |
| 1280-8MPT-85                                                                    | 160             | 1280         | 50.4 | 1.31         |
| 1360-8MPT-12                                                                    | 170             | 1360         | 53.5 | 0.20         |
| 1360-8MPT-20                                                                    | 170             | 1360         | 53.5 | 0.33         |
| 1360-8MPT-22                                                                    | 170             | 1360         | 53.5 | 0.36         |
| 1360-8MPT-30                                                                    | 170             | 1360         | 53.5 | 0.49         |
| 1360-8MPT-35                                                                    | 170             | 1360         | 53.5 | 0.57         |
| 1360-8MPT-50                                                                    | 170             | 1360         | 53.5 | 0.82         |
| 1360-8MPT-60                                                                    | 170             | 1360         | 53.5 | 0.98         |
| 1360-8MPT-85                                                                    | 170             | 1360         | 53.5 | 1.39         |
| 1400-8MPT-12                                                                    | 175             | 1400         | 55.1 | 0.20         |
| 1400-8MPT-20                                                                    | 175             | 1400         | 55.1 | 0.34         |
| 1400-8MPT-22                                                                    | 175             | 1400         | 55.1 | 0.37         |
| 1400-8MPT-30                                                                    | 175             | 1400         | 55.1 | 0.51         |
| 1400-8MPT-35                                                                    | 175             | 1400         | 55.1 | 0.59         |
| 1400-8MPT-50                                                                    | 175             | 1400         | 55.1 | 0.84         |
| 1400-8MPT-60                                                                    | 175             | 1400         | 55.1 | 1.01         |
| 1400-8MPT-85                                                                    | 175             | 1400         | 55.1 | 1.43         |
| 1440-8MPT-12                                                                    | 180             | 1440         | 56.7 | 0.21         |
| 1440-8MPT-20                                                                    | 180             | 1440         | 56.7 | 0.35         |
| 1440-8MPT-22                                                                    | 180             | 1440         | 56.7 | 0.38         |
| 1440-8MPT-30                                                                    | 180             | 1440         | 56.7 | 0.52         |
| 1440-8MPT-35                                                                    | 180             | 1440         | 56.7 | 0.61         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 1440-8MPT-50                                                                    | 180             | 1440         | 56.7 | 0.87         |
| 1440-8MPT-60                                                                    | 180             | 1440         | 56.7 | 1.04         |
| 1440-8MPT-85                                                                    | 180             | 1440         | 56.7 | 1.48         |
| 1600-8MPT-12                                                                    | 200             | 1600         | 63.0 | 0.23         |
| 1600-8MPT-20                                                                    | 200             | 1600         | 63.0 | 0.39         |
| 1600-8MPT-22                                                                    | 200             | 1600         | 63.0 | 0.42         |
| 1600-8MPT-30                                                                    | 200             | 1600         | 63.0 | 0.58         |
| 1600-8MPT-35                                                                    | 200             | 1600         | 63.0 | 0.68         |
| 1600-8MPT-50                                                                    | 200             | 1600         | 63.0 | 0.96         |
| 1600-8MPT-60                                                                    | 200             | 1600         | 63.0 | 1.16         |
| 1600-8MPT-85                                                                    | 200             | 1600         | 63.0 | 1.64         |
| 1760-8MPT-12                                                                    | 220             | 1760         | 69.3 | 0.25         |
| 1760-8MPT-20                                                                    | 220             | 1760         | 69.3 | 0.42         |
| 1760-8MPT-22                                                                    | 220             | 1760         | 69.3 | 0.47         |
| 1760-8MPT-30                                                                    | 220             | 1760         | 69.3 | 0.64         |
| 1760-8MPT-35                                                                    | 220             | 1760         | 69.3 | 0.74         |
| 1760-8MPT-50                                                                    | 220             | 1760         | 69.3 | 1.06         |
| 1760-8MPT-60                                                                    | 220             | 1760         | 69.3 | 1.27         |
| 1760-8MPT-85                                                                    | 220             | 1760         | 69.3 | 1.80         |
| 1800-8MPT-12                                                                    | 225             | 1800         | 70.9 | 0.26         |
| 1800-8MPT-20                                                                    | 225             | 1800         | 70.9 | 0.43         |
| 1800-8MPT-22                                                                    | 225             | 1800         | 70.9 | 0.48         |
| 1800-8MPT-30                                                                    | 225             | 1800         | 70.9 | 0.65         |
| 1800-8MPT-35                                                                    | 225             | 1800         | 70.9 | 0.76         |
| 1800-8MPT-50                                                                    | 225             | 1800         | 70.9 | 1.09         |
| 1800-8MPT-60                                                                    | 225             | 1800         | 70.9 | 1.30         |
| 1800-8MPT-85                                                                    | 225             | 1800         | 70.9 | 1.84         |
| 1904-8MPT-12                                                                    | 238             | 1904         | 75.0 | 0.28         |
| 1904-8MPT-20                                                                    | 238             | 1904         | 75.0 | 0.46         |
| 1904-8MPT-22                                                                    | 238             | 1904         | 75.0 | 0.51         |
| 1904-8MPT-30                                                                    | 238             | 1904         | 75.0 | 0.69         |
| 1904-8MPT-35                                                                    | 238             | 1904         | 75.0 | 0.80         |
| 1904-8MPT-50                                                                    | 238             | 1904         | 75.0 | 1.15         |

# Panther®

## Synchronous Drive Belt

### Panther® Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1904-8MPT-60                                                                       | 238                | 1904         | 75.0 | 1.38            |
| 1904-8MPT-85                                                                       | 238                | 1904         | 75.0 | 1.95            |
| 2000-8MPT-12                                                                       | 250                | 2000         | 78.7 | 0.29            |
| 2000-8MPT-20                                                                       | 250                | 2000         | 78.7 | 0.48            |
| 2000-8MPT-22                                                                       | 250                | 2000         | 78.7 | 0.53            |
| 2000-8MPT-30                                                                       | 250                | 2000         | 78.7 | 0.72            |
| 2000-8MPT-35                                                                       | 250                | 2000         | 78.7 | 0.84            |
| 2000-8MPT-50                                                                       | 250                | 2000         | 78.7 | 1.21            |
| 2000-8MPT-60                                                                       | 250                | 2000         | 78.7 | 1.45            |
| 2000-8MPT-85                                                                       | 250                | 2000         | 78.7 | 2.05            |
| 2104-8MPT-12                                                                       | 263                | 2104         | 82.8 | 0.30            |
| 2104-8MPT-20                                                                       | 263                | 2104         | 82.8 | 0.51            |
| 2104-8MPT-22                                                                       | 263                | 2104         | 82.8 | 0.56            |
| 2104-8MPT-30                                                                       | 263                | 2104         | 82.8 | 0.76            |
| 2104-8MPT-35                                                                       | 263                | 2104         | 82.8 | 0.89            |
| 2104-8MPT-50                                                                       | 263                | 2104         | 82.8 | 1.27            |
| 2104-8MPT-60                                                                       | 263                | 2104         | 82.8 | 1.52            |
| 2104-8MPT-85                                                                       | 263                | 2104         | 82.8 | 2.16            |
| 2200-8MPT-12                                                                       | 275                | 2200         | 86.6 | 0.32            |
| 2200-8MPT-20                                                                       | 275                | 2200         | 86.6 | 0.53            |
| 2200-8MPT-22                                                                       | 275                | 2200         | 86.6 | 0.58            |
| 2200-8MPT-30                                                                       | 275                | 2200         | 86.6 | 0.80            |
| 2200-8MPT-35                                                                       | 275                | 2200         | 86.6 | 0.93            |
| 2200-8MPT-50                                                                       | 275                | 2200         | 86.6 | 1.33            |
| 2200-8MPT-60                                                                       | 275                | 2200         | 86.6 | 1.59            |
| 2200-8MPT-85                                                                       | 275                | 2200         | 86.6 | 2.25            |
| 2240-8MPT-12                                                                       | 280                | 2240         | 88.2 | 0.32            |
| 2240-8MPT-20                                                                       | 280                | 2240         | 88.2 | 0.54            |
| 2240-8MPT-22                                                                       | 280                | 2240         | 88.2 | 0.59            |
| 2240-8MPT-30                                                                       | 280                | 2240         | 88.2 | 0.81            |
| 2240-8MPT-35                                                                       | 280                | 2240         | 88.2 | 0.95            |
| 2240-8MPT-50                                                                       | 280                | 2240         | 88.2 | 1.35            |
| 2240-8MPT-60                                                                       | 280                | 2240         | 88.2 | 1.62            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                    |                    | (mm)         | (in)  |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |       |                 |
| 2240-8MPT-85                                                                       | 280                | 2240         | 88.2  | 2.30            |
| 2400-8MPT-12                                                                       | 300                | 2400         | 94.5  | 0.35            |
| 2400-8MPT-20                                                                       | 300                | 2400         | 94.5  | 0.58            |
| 2400-8MPT-22                                                                       | 300                | 2400         | 94.5  | 0.64            |
| 2400-8MPT-30                                                                       | 300                | 2400         | 94.5  | 0.87            |
| 2400-8MPT-35                                                                       | 300                | 2400         | 94.5  | 1.01            |
| 2400-8MPT-50                                                                       | 300                | 2400         | 94.5  | 1.45            |
| 2400-8MPT-60                                                                       | 300                | 2400         | 94.5  | 1.74            |
| 2400-8MPT-85                                                                       | 300                | 2400         | 94.5  | 2.46            |
| 2600-8MPT-12                                                                       | 325                | 2600         | 102.4 | 0.38            |
| 2600-8MPT-20                                                                       | 325                | 2600         | 102.4 | 0.63            |
| 2600-8MPT-22                                                                       | 325                | 2600         | 102.4 | 0.69            |
| 2600-8MPT-30                                                                       | 325                | 2600         | 102.4 | 0.94            |
| 2600-8MPT-35                                                                       | 325                | 2600         | 102.4 | 1.10            |
| 2600-8MPT-50                                                                       | 325                | 2600         | 102.4 | 1.57            |
| 2600-8MPT-60                                                                       | 325                | 2600         | 102.4 | 1.88            |
| 2600-8MPT-85                                                                       | 325                | 2600         | 102.4 | 2.66            |
| 2800-8MPT-12                                                                       | 350                | 2800         | 110.2 | 0.41            |
| 2800-8MPT-20                                                                       | 350                | 2800         | 110.2 | 0.68            |
| 2800-8MPT-22                                                                       | 350                | 2800         | 110.2 | 0.74            |
| 2800-8MPT-30                                                                       | 350                | 2800         | 110.2 | 1.01            |
| 2800-8MPT-35                                                                       | 350                | 2800         | 110.2 | 1.18            |
| 2800-8MPT-50                                                                       | 350                | 2800         | 110.2 | 1.69            |
| 2800-8MPT-60                                                                       | 350                | 2800         | 110.2 | 2.03            |
| 2800-8MPT-85                                                                       | 350                | 2800         | 110.2 | 2.87            |
| 3048-8MPT-12                                                                       | 381                | 3048         | 120.0 | 0.44            |
| 3048-8MPT-20                                                                       | 381                | 3048         | 120.0 | 0.74            |
| 3048-8MPT-22                                                                       | 381                | 3048         | 120.0 | 0.81            |
| 3048-8MPT-30                                                                       | 381                | 3048         | 120.0 | 1.10            |
| 3048-8MPT-35                                                                       | 381                | 3048         | 120.0 | 1.29            |
| 3048-8MPT-50                                                                       | 381                | 3048         | 120.0 | 1.84            |
| 3048-8MPT-60                                                                       | 381                | 3048         | 120.0 | 2.21            |
| 3048-8MPT-85                                                                       | 381                | 3048         | 120.0 | 3.12            |

# Panther®

## Synchronous Drive Belt

Part Number Example: **1092-14MPT-85** = **1092** - **14M** **PT** - **85**

Pitch Length (millimeters)      Tooth Pitch      Panther Construction (RPP tooth profile)      Width (millimeters)

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                      |                    | (mm)         | (in)  |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm)   |                    |              |       |                 |
| 3280-8MPT-12                                                                         | 410                | 3280         | 129.1 | 0.47            |
| 3280-8MPT-20                                                                         | 410                | 3280         | 129.1 | 0.79            |
| 3280-8MPT-22                                                                         | 410                | 3280         | 129.1 | 0.87            |
| 3280-8MPT-30                                                                         | 410                | 3280         | 129.1 | 1.19            |
| 3280-8MPT-35                                                                         | 410                | 3280         | 129.1 | 1.38            |
| 3280-8MPT-50                                                                         | 410                | 3280         | 129.1 | 1.98            |
| 3280-8MPT-60                                                                         | 410                | 3280         | 129.1 | 2.37            |
| 3280-8MPT-85                                                                         | 410                | 3280         | 129.1 | 3.36            |
| 3600-8MPT-12                                                                         | 450                | 3600         | 141.7 | 0.52            |
| 3600-8MPT-20                                                                         | 450                | 3600         | 141.7 | 0.87            |
| 3600-8MPT-22                                                                         | 450                | 3600         | 141.7 | 0.96            |
| 3600-8MPT-30                                                                         | 450                | 3600         | 141.7 | 1.30            |
| 3600-8MPT-35                                                                         | 450                | 3600         | 141.7 | 1.52            |
| 3600-8MPT-50                                                                         | 450                | 3600         | 141.7 | 2.17            |
| 3600-8MPT-60                                                                         | 450                | 3600         | 141.7 | 2.60            |
| 3600-8MPT-85                                                                         | 450                | 3600         | 141.7 | 3.69            |
| 4400-8MPT-12                                                                         | 550                | 4400         | 173.2 | 0.64            |
| 4400-8MPT-20                                                                         | 550                | 4400         | 173.2 | 1.06            |
| 4400-8MPT-22                                                                         | 550                | 4400         | 173.2 | 1.17            |
| 4400-8MPT-30                                                                         | 550                | 4400         | 173.2 | 1.59            |
| 4400-8MPT-35                                                                         | 550                | 4400         | 173.2 | 1.86            |
| 4400-8MPT-50                                                                         | 550                | 4400         | 173.2 | 2.65            |
| 4400-8MPT-60                                                                         | 550                | 4400         | 173.2 | 3.18            |
| 4400-8MPT-85                                                                         | 550                | 4400         | 173.2 | 4.51            |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |       |                 |
| 966-14MPT-20                                                                         | 69                 | 966          | 38.0  | 0.39            |
| 966-14MPT-40                                                                         | 69                 | 966          | 38.0  | 0.77            |
| 966-14MPT-42                                                                         | 69                 | 966          | 38.0  | 0.81            |
| 966-14MPT-55                                                                         | 69                 | 966          | 38.0  | 1.06            |
| 966-14MPT-65                                                                         | 69                 | 966          | 38.0  | 1.26            |
| 966-14MPT-85                                                                         | 69                 | 966          | 38.0  | 1.65            |
| 966-14MPT-90                                                                         | 69                 | 966          | 38.0  | 1.74            |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 966-14MPT-115                                                                        | 69                 | 966          | 38.0 | 2.23            |
| 966-14MPT-120                                                                        | 69                 | 966          | 38.0 | 2.32            |
| 966-14MPT-170                                                                        | 69                 | 966          | 38.0 | 3.29            |
| 1092-14MPT-20                                                                        | 78                 | 1092         | 43.0 | 0.44            |
| 1092-14MPT-40                                                                        | 78                 | 1092         | 43.0 | 0.88            |
| 1092-14MPT-42                                                                        | 78                 | 1092         | 43.0 | 0.92            |
| 1092-14MPT-55                                                                        | 78                 | 1092         | 43.0 | 1.20            |
| 1092-14MPT-65                                                                        | 78                 | 1092         | 43.0 | 1.42            |
| 1092-14MPT-85                                                                        | 78                 | 1092         | 43.0 | 1.86            |
| 1092-14MPT-90                                                                        | 78                 | 1092         | 43.0 | 1.97            |
| 1092-14MPT-115                                                                       | 78                 | 1092         | 43.0 | 2.52            |
| 1092-14MPT-120                                                                       | 78                 | 1092         | 43.0 | 2.63            |
| 1092-14MPT-170                                                                       | 78                 | 1092         | 43.0 | 3.72            |
| 1190-14MPT-20                                                                        | 85                 | 1190         | 46.9 | 0.48            |
| 1190-14MPT-40                                                                        | 85                 | 1190         | 46.9 | 0.95            |
| 1190-14MPT-42                                                                        | 85                 | 1190         | 46.9 | 1.00            |
| 1190-14MPT-55                                                                        | 85                 | 1190         | 46.9 | 1.31            |
| 1190-14MPT-65                                                                        | 85                 | 1190         | 46.9 | 1.55            |
| 1190-14MPT-85                                                                        | 85                 | 1190         | 46.9 | 2.03            |
| 1190-14MPT-90                                                                        | 85                 | 1190         | 46.9 | 2.15            |
| 1190-14MPT-115                                                                       | 85                 | 1190         | 46.9 | 2.74            |
| 1190-14MPT-120                                                                       | 85                 | 1190         | 46.9 | 2.86            |
| 1190-14MPT-170                                                                       | 85                 | 1190         | 46.9 | 4.05            |
| 1400-14MPT-20                                                                        | 100                | 1400         | 55.1 | 0.56            |
| 1400-14MPT-40                                                                        | 100                | 1400         | 55.1 | 1.12            |
| 1400-14MPT-42                                                                        | 100                | 1400         | 55.1 | 1.18            |
| 1400-14MPT-55                                                                        | 100                | 1400         | 55.1 | 1.54            |
| 1400-14MPT-65                                                                        | 100                | 1400         | 55.1 | 1.82            |
| 1400-14MPT-85                                                                        | 100                | 1400         | 55.1 | 2.38            |
| 1400-14MPT-90                                                                        | 100                | 1400         | 55.1 | 2.52            |
| 1400-14MPT-115                                                                       | 100                | 1400         | 55.1 | 3.23            |
| 1400-14MPT-120                                                                       | 100                | 1400         | 55.1 | 3.37            |
| 1400-14MPT-170                                                                       | 100                | 1400         | 55.1 | 4.77            |

# Panther®

## Synchronous Drive Belt

### Panther® Part Numbers

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1610-14MPT-20                                                                        | 115                | 1610         | 63.4 | 0.65            |
| 1610-14MPT-40                                                                        | 115                | 1610         | 63.4 | 1.29            |
| 1610-14MPT-42                                                                        | 115                | 1610         | 63.4 | 1.35            |
| 1610-14MPT-55                                                                        | 115                | 1610         | 63.4 | 1.77            |
| 1610-14MPT-65                                                                        | 115                | 1610         | 63.4 | 2.10            |
| 1610-14MPT-85                                                                        | 115                | 1610         | 63.4 | 2.74            |
| 1610-14MPT-90                                                                        | 115                | 1610         | 63.4 | 2.90            |
| 1610-14MPT-115                                                                       | 115                | 1610         | 63.4 | 3.71            |
| 1610-14MPT-120                                                                       | 115                | 1610         | 63.4 | 3.87            |
| 1610-14MPT-170                                                                       | 115                | 1610         | 63.4 | 5.48            |
| 1750-14MPT-20                                                                        | 125                | 1750         | 68.9 | 0.70            |
| 1750-14MPT-40                                                                        | 125                | 1750         | 68.9 | 1.40            |
| 1750-14MPT-42                                                                        | 125                | 1750         | 68.9 | 1.47            |
| 1750-14MPT-55                                                                        | 125                | 1750         | 68.9 | 1.93            |
| 1750-14MPT-65                                                                        | 125                | 1750         | 68.9 | 2.28            |
| 1750-14MPT-85                                                                        | 125                | 1750         | 68.9 | 2.98            |
| 1750-14MPT-90                                                                        | 125                | 1750         | 68.9 | 3.16            |
| 1750-14MPT-115                                                                       | 125                | 1750         | 68.9 | 4.03            |
| 1750-14MPT-120                                                                       | 125                | 1750         | 68.9 | 4.21            |
| 1750-14MPT-170                                                                       | 125                | 1750         | 68.9 | 5.96            |
| 1764-14MPT-20                                                                        | 126                | 1764         | 69.4 | 0.71            |
| 1764-14MPT-40                                                                        | 126                | 1764         | 69.4 | 1.41            |
| 1764-14MPT-42                                                                        | 126                | 1764         | 69.4 | 1.48            |
| 1764-14MPT-55                                                                        | 126                | 1764         | 69.4 | 1.94            |
| 1764-14MPT-65                                                                        | 126                | 1764         | 69.4 | 2.30            |
| 1764-14MPT-85                                                                        | 126                | 1764         | 69.4 | 3.00            |
| 1764-14MPT-90                                                                        | 126                | 1764         | 69.4 | 3.18            |
| 1764-14MPT-115                                                                       | 126                | 1764         | 69.4 | 4.06            |
| 1764-14MPT-120                                                                       | 126                | 1764         | 69.4 | 4.24            |
| 1764-14MPT-170                                                                       | 126                | 1764         | 69.4 | 6.01            |
| 1778-14MPT-20                                                                        | 127                | 1778         | 70.0 | 0.71            |
| 1778-14MPT-40                                                                        | 127                | 1778         | 70.0 | 1.43            |
| 1778-14MPT-42                                                                        | 127                | 1778         | 70.0 | 1.50            |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1778-14MPT-55                                                                        | 127                | 1778         | 70.0 | 1.96            |
| 1778-14MPT-65                                                                        | 127                | 1778         | 70.0 | 2.32            |
| 1778-14MPT-85                                                                        | 127                | 1778         | 70.0 | 3.03            |
| 1778-14MPT-90                                                                        | 127                | 1778         | 70.0 | 3.21            |
| 1778-14MPT-115                                                                       | 127                | 1778         | 70.0 | 4.10            |
| 1778-14MPT-120                                                                       | 127                | 1778         | 70.0 | 4.28            |
| 1778-14MPT-170                                                                       | 127                | 1778         | 70.0 | 6.06            |
| 1792-14MPT-20                                                                        | 128                | 1792         | 70.6 | 0.72            |
| 1792-14MPT-40                                                                        | 128                | 1792         | 70.6 | 1.44            |
| 1792-14MPT-42                                                                        | 128                | 1792         | 70.6 | 1.51            |
| 1792-14MPT-55                                                                        | 128                | 1792         | 70.6 | 1.97            |
| 1792-14MPT-65                                                                        | 128                | 1792         | 70.6 | 2.33            |
| 1792-14MPT-85                                                                        | 128                | 1792         | 70.6 | 3.05            |
| 1792-14MPT-90                                                                        | 128                | 1792         | 70.6 | 3.23            |
| 1792-14MPT-115                                                                       | 128                | 1792         | 70.6 | 4.13            |
| 1792-14MPT-120                                                                       | 128                | 1792         | 70.6 | 4.31            |
| 1792-14MPT-170                                                                       | 128                | 1792         | 70.6 | 6.10            |
| 1820-14MPT-20                                                                        | 130                | 1820         | 71.7 | 0.73            |
| 1820-14MPT-40                                                                        | 130                | 1820         | 71.7 | 1.46            |
| 1820-14MPT-42                                                                        | 130                | 1820         | 71.7 | 1.53            |
| 1820-14MPT-55                                                                        | 130                | 1820         | 71.7 | 2.01            |
| 1820-14MPT-65                                                                        | 130                | 1820         | 71.7 | 2.37            |
| 1820-14MPT-85                                                                        | 130                | 1820         | 71.7 | 3.10            |
| 1820-14MPT-90                                                                        | 130                | 1820         | 71.7 | 3.28            |
| 1820-14MPT-115                                                                       | 130                | 1820         | 71.7 | 4.19            |
| 1820-14MPT-120                                                                       | 130                | 1820         | 71.7 | 4.38            |
| 1820-14MPT-170                                                                       | 130                | 1820         | 71.7 | 6.20            |
| 1848-14MPT-20                                                                        | 132                | 1848         | 72.8 | 0.74            |
| 1848-14MPT-40                                                                        | 132                | 1848         | 72.8 | 1.48            |
| 1848-14MPT-42                                                                        | 132                | 1848         | 72.8 | 1.56            |
| 1848-14MPT-55                                                                        | 132                | 1848         | 72.8 | 2.04            |
| 1848-14MPT-65                                                                        | 132                | 1848         | 72.8 | 2.41            |
| 1848-14MPT-85                                                                        | 132                | 1848         | 72.8 | 3.15            |



# Panther®

## Synchronous Drive Belt

Part Number Example: **1610-14MPT-20** = **1610** - **14M** **PT** - **20**

Pitch Length (millimeters)      Tooth Pitch      Panther Construction (RPP tooth profile)      Width (millimeters)

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1848-14MPT-90                                                                        | 132                | 1848         | 72.8 | 3.33            |
| 1848-14MPT-115                                                                       | 132                | 1848         | 72.8 | 4.26            |
| 1848-14MPT-120                                                                       | 132                | 1848         | 72.8 | 4.44            |
| 1848-14MPT-170                                                                       | 132                | 1848         | 72.8 | 6.29            |
| 1862-14MPT-20                                                                        | 133                | 1862         | 73.3 | 0.75            |
| 1862-14MPT-40                                                                        | 133                | 1862         | 73.3 | 1.49            |
| 1862-14MPT-42                                                                        | 133                | 1862         | 73.3 | 1.57            |
| 1862-14MPT-55                                                                        | 133                | 1862         | 73.3 | 2.05            |
| 1862-14MPT-65                                                                        | 133                | 1862         | 73.3 | 2.43            |
| 1862-14MPT-85                                                                        | 133                | 1862         | 73.3 | 3.17            |
| 1862-14MPT-90                                                                        | 133                | 1862         | 73.3 | 3.36            |
| 1862-14MPT-115                                                                       | 133                | 1862         | 73.3 | 4.29            |
| 1862-14MPT-120                                                                       | 133                | 1862         | 73.3 | 4.48            |
| 1862-14MPT-170                                                                       | 133                | 1862         | 73.3 | 6.34            |
| 1890-14MPT-20                                                                        | 135                | 1890         | 74.4 | 0.76            |
| 1890-14MPT-40                                                                        | 135                | 1890         | 74.4 | 1.51            |
| 1890-14MPT-42                                                                        | 135                | 1890         | 74.4 | 1.59            |
| 1890-14MPT-55                                                                        | 135                | 1890         | 74.4 | 2.08            |
| 1890-14MPT-65                                                                        | 135                | 1890         | 74.4 | 2.46            |
| 1890-14MPT-85                                                                        | 135                | 1890         | 74.4 | 3.22            |
| 1890-14MPT-90                                                                        | 135                | 1890         | 74.4 | 3.41            |
| 1890-14MPT-115                                                                       | 135                | 1890         | 74.4 | 4.36            |
| 1890-14MPT-120                                                                       | 135                | 1890         | 74.4 | 4.54            |
| 1890-14MPT-170                                                                       | 135                | 1890         | 74.4 | 6.44            |
| 1904-14MPT-20                                                                        | 136                | 1904         | 75.0 | 0.76            |
| 1904-14MPT-40                                                                        | 136                | 1904         | 75.0 | 1.53            |
| 1904-14MPT-42                                                                        | 136                | 1904         | 75.0 | 1.60            |
| 1904-14MPT-55                                                                        | 136                | 1904         | 75.0 | 2.10            |
| 1904-14MPT-65                                                                        | 136                | 1904         | 75.0 | 2.48            |
| 1904-14MPT-85                                                                        | 136                | 1904         | 75.0 | 3.24            |
| 1904-14MPT-90                                                                        | 136                | 1904         | 75.0 | 3.43            |
| 1904-14MPT-115                                                                       | 136                | 1904         | 75.0 | 4.39            |
| 1904-14MPT-120                                                                       | 136                | 1904         | 75.0 | 4.58            |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1904-14MPT-170                                                                       | 136                | 1904         | 75.0 | 6.49            |
| 1960-14MPT-20                                                                        | 140                | 1960         | 77.2 | 0.79            |
| 1960-14MPT-40                                                                        | 140                | 1960         | 77.2 | 1.57            |
| 1960-14MPT-42                                                                        | 140                | 1960         | 77.2 | 1.65            |
| 1960-14MPT-55                                                                        | 140                | 1960         | 77.2 | 2.16            |
| 1960-14MPT-65                                                                        | 140                | 1960         | 77.2 | 2.55            |
| 1960-14MPT-85                                                                        | 140                | 1960         | 77.2 | 3.34            |
| 1960-14MPT-90                                                                        | 140                | 1960         | 77.2 | 3.53            |
| 1960-14MPT-115                                                                       | 140                | 1960         | 77.2 | 4.52            |
| 1960-14MPT-120                                                                       | 140                | 1960         | 77.2 | 4.71            |
| 1960-14MPT-170                                                                       | 140                | 1960         | 77.2 | 6.68            |
| 2100-14MPT-20                                                                        | 150                | 2100         | 82.7 | 0.84            |
| 2100-14MPT-40                                                                        | 150                | 2100         | 82.7 | 1.68            |
| 2100-14MPT-42                                                                        | 150                | 2100         | 82.7 | 1.77            |
| 2100-14MPT-55                                                                        | 150                | 2100         | 82.7 | 2.31            |
| 2100-14MPT-65                                                                        | 150                | 2100         | 82.7 | 2.74            |
| 2100-14MPT-85                                                                        | 150                | 2100         | 82.7 | 3.58            |
| 2100-14MPT-90                                                                        | 150                | 2100         | 82.7 | 3.79            |
| 2100-14MPT-115                                                                       | 150                | 2100         | 82.7 | 4.84            |
| 2100-14MPT-120                                                                       | 150                | 2100         | 82.7 | 5.05            |
| 2100-14MPT-170                                                                       | 150                | 2100         | 82.7 | 7.15            |
| 2310-14MPT-20                                                                        | 165                | 2310         | 90.9 | 0.93            |
| 2310-14MPT-40                                                                        | 165                | 2310         | 90.9 | 1.85            |
| 2310-14MPT-42                                                                        | 165                | 2310         | 90.9 | 1.94            |
| 2310-14MPT-55                                                                        | 165                | 2310         | 90.9 | 2.55            |
| 2310-14MPT-65                                                                        | 165                | 2310         | 90.9 | 3.01            |
| 2310-14MPT-85                                                                        | 165                | 2310         | 90.9 | 3.93            |
| 2310-14MPT-90                                                                        | 165                | 2310         | 90.9 | 4.17            |
| 2310-14MPT-115                                                                       | 165                | 2310         | 90.9 | 5.32            |
| 2310-14MPT-120                                                                       | 165                | 2310         | 90.9 | 5.55            |
| 2310-14MPT-170                                                                       | 165                | 2310         | 90.9 | 7.87            |
| 2450-14MPT-20                                                                        | 175                | 2450         | 96.5 | 0.98            |
| 2450-14MPT-40                                                                        | 175                | 2450         | 96.5 | 1.96            |

# Panther®

## Synchronous Drive Belt

### Panther® Part Numbers

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                      |                    | (mm)         | (in)  |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |       |                 |
| 2450-14MPT-42                                                                        | 175                | 2450         | 96.5  | 2.06            |
| 2450-14MPT-55                                                                        | 175                | 2450         | 96.5  | 2.70            |
| 2450-14MPT-65                                                                        | 175                | 2450         | 96.5  | 3.19            |
| 2450-14MPT-85                                                                        | 175                | 2450         | 96.5  | 4.17            |
| 2450-14MPT-90                                                                        | 175                | 2450         | 96.5  | 4.42            |
| 2450-14MPT-115                                                                       | 175                | 2450         | 96.5  | 5.65            |
| 2450-14MPT-120                                                                       | 175                | 2450         | 96.5  | 5.89            |
| 2450-14MPT-170                                                                       | 175                | 2450         | 96.5  | 8.35            |
| 2590-14MPT-20                                                                        | 185                | 2590         | 102.0 | 1.04            |
| 2590-14MPT-40                                                                        | 185                | 2590         | 102.0 | 2.08            |
| 2590-14MPT-42                                                                        | 185                | 2590         | 102.0 | 2.18            |
| 2590-14MPT-55                                                                        | 185                | 2590         | 102.0 | 2.85            |
| 2590-14MPT-65                                                                        | 185                | 2590         | 102.0 | 3.37            |
| 2590-14MPT-85                                                                        | 185                | 2590         | 102.0 | 4.41            |
| 2590-14MPT-90                                                                        | 185                | 2590         | 102.0 | 4.67            |
| 2590-14MPT-115                                                                       | 185                | 2590         | 102.0 | 5.97            |
| 2590-14MPT-120                                                                       | 185                | 2590         | 102.0 | 6.23            |
| 2590-14MPT-170                                                                       | 185                | 2590         | 102.0 | 8.82            |
| 2800-14MPT-20                                                                        | 200                | 2800         | 110.2 | 1.12            |
| 2800-14MPT-40                                                                        | 200                | 2800         | 110.2 | 2.24            |
| 2800-14MPT-42                                                                        | 200                | 2800         | 110.2 | 2.36            |
| 2800-14MPT-55                                                                        | 200                | 2800         | 110.2 | 3.09            |
| 2800-14MPT-65                                                                        | 200                | 2800         | 110.2 | 3.65            |
| 2800-14MPT-85                                                                        | 200                | 2800         | 110.2 | 4.77            |
| 2800-14MPT-90                                                                        | 200                | 2800         | 110.2 | 5.05            |
| 2800-14MPT-115                                                                       | 200                | 2800         | 110.2 | 6.45            |
| 2800-14MPT-120                                                                       | 200                | 2800         | 110.2 | 6.73            |
| 2800-14MPT-170                                                                       | 200                | 2800         | 110.2 | 9.54            |
| 3150-14MPT-20                                                                        | 225                | 3150         | 124.0 | 1.26            |
| 3150-14MPT-40                                                                        | 225                | 3150         | 124.0 | 2.52            |
| 3150-14MPT-42                                                                        | 225                | 3150         | 124.0 | 2.65            |
| 3150-14MPT-55                                                                        | 225                | 3150         | 124.0 | 3.47            |
| 3150-14MPT-65                                                                        | 225                | 3150         | 124.0 | 4.10            |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                      |                    | (mm)         | (in)  |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |       |                 |
| 3150-14MPT-85                                                                        | 225                | 3150         | 124.0 | 5.36            |
| 3150-14MPT-90                                                                        | 225                | 3150         | 124.0 | 5.68            |
| 3150-14MPT-115                                                                       | 225                | 3150         | 124.0 | 7.26            |
| 3150-14MPT-120                                                                       | 225                | 3150         | 124.0 | 7.57            |
| 3150-14MPT-170                                                                       | 225                | 3150         | 124.0 | 10.73           |
| 3360-14MPT-20                                                                        | 240                | 3360         | 132.3 | 1.35            |
| 3360-14MPT-40                                                                        | 240                | 3360         | 132.3 | 2.69            |
| 3360-14MPT-42                                                                        | 240                | 3360         | 132.3 | 2.83            |
| 3360-14MPT-55                                                                        | 240                | 3360         | 132.3 | 3.70            |
| 3360-14MPT-65                                                                        | 240                | 3360         | 132.3 | 4.38            |
| 3360-14MPT-85                                                                        | 240                | 3360         | 132.3 | 5.72            |
| 3360-14MPT-90                                                                        | 240                | 3360         | 132.3 | 6.06            |
| 3360-14MPT-115                                                                       | 240                | 3360         | 132.3 | 7.74            |
| 3360-14MPT-120                                                                       | 240                | 3360         | 132.3 | 8.08            |
| 3360-14MPT-170                                                                       | 240                | 3360         | 132.3 | 11.45           |
| 3500-14MPT-20                                                                        | 250                | 3500         | 137.8 | 1.40            |
| 3500-14MPT-40                                                                        | 250                | 3500         | 137.8 | 2.81            |
| 3500-14MPT-42                                                                        | 250                | 3500         | 137.8 | 2.95            |
| 3500-14MPT-55                                                                        | 250                | 3500         | 137.8 | 3.86            |
| 3500-14MPT-65                                                                        | 250                | 3500         | 137.8 | 4.56            |
| 3500-14MPT-85                                                                        | 250                | 3500         | 137.8 | 5.96            |
| 3500-14MPT-90                                                                        | 250                | 3500         | 137.8 | 6.31            |
| 3500-14MPT-115                                                                       | 250                | 3500         | 137.8 | 8.07            |
| 3500-14MPT-120                                                                       | 250                | 3500         | 137.8 | 8.42            |
| 3500-14MPT-170                                                                       | 250                | 3500         | 137.8 | 11.92           |
| 3850-14MPT-20                                                                        | 275                | 3850         | 151.6 | 1.54            |
| 3850-14MPT-40                                                                        | 275                | 3850         | 151.6 | 3.09            |
| 3850-14MPT-42                                                                        | 275                | 3850         | 151.6 | 3.24            |
| 3850-14MPT-55                                                                        | 275                | 3850         | 151.6 | 4.24            |
| 3850-14MPT-65                                                                        | 275                | 3850         | 151.6 | 5.01            |
| 3850-14MPT-85                                                                        | 275                | 3850         | 151.6 | 6.56            |
| 3850-14MPT-90                                                                        | 275                | 3850         | 151.6 | 6.94            |
| 3850-14MPT-115                                                                       | 275                | 3850         | 151.6 | 8.87            |

# Panther®

## Synchronous Drive Belt

Part Number Example: **2450-14MPT-42** = **2450** - **14M** **PT** - **42**

Pitch Length (millimeters)      Tooth Pitch      Panther Construction (RPP tooth profile)      Width (millimeters)

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                      |                    | (mm)         | (in)  |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |       |                 |
| 3850-14MPT-120                                                                       | 275                | 3850         | 151.6 | 9.26            |
| 3850-14MPT-170                                                                       | 275                | 3850         | 151.6 | 13.11           |
| 4326-14MPT-20                                                                        | 309                | 4326         | 170.3 | 1.73            |
| 4326-14MPT-40                                                                        | 309                | 4326         | 170.3 | 3.47            |
| 4326-14MPT-42                                                                        | 309                | 4326         | 170.3 | 3.64            |
| 4326-14MPT-55                                                                        | 309                | 4326         | 170.3 | 4.77            |
| 4326-14MPT-65                                                                        | 309                | 4326         | 170.3 | 5.63            |
| 4326-14MPT-85                                                                        | 309                | 4326         | 170.3 | 7.37            |
| 4326-14MPT-90                                                                        | 309                | 4326         | 170.3 | 7.80            |
| 4326-14MPT-115                                                                       | 309                | 4326         | 170.3 | 9.97            |
| 4326-14MPT-120                                                                       | 309                | 4326         | 170.3 | 10.40           |
| 4326-14MPT-170                                                                       | 309                | 4326         | 170.3 | 14.74           |
| 4578-14MPT-20                                                                        | 327                | 4578         | 180.2 | 1.83            |
| 4578-14MPT-40                                                                        | 327                | 4578         | 180.2 | 3.67            |
| 4578-14MPT-42                                                                        | 327                | 4578         | 180.2 | 3.85            |
| 4578-14MPT-55                                                                        | 327                | 4578         | 180.2 | 5.05            |
| 4578-14MPT-65                                                                        | 327                | 4578         | 180.2 | 5.96            |
| 4578-14MPT-85                                                                        | 327                | 4578         | 180.2 | 7.80            |
| 4578-14MPT-90                                                                        | 327                | 4578         | 180.2 | 8.26            |
| 4578-14MPT-115                                                                       | 327                | 4578         | 180.2 | 10.55           |
| 4578-14MPT-120                                                                       | 327                | 4578         | 180.2 | 11.01           |
| 4578-14MPT-170                                                                       | 327                | 4578         | 180.2 | 15.59           |
| 4956-14MPT-20                                                                        | 354                | 4956         | 195.1 | 1.99            |
| 4956-14MPT-40                                                                        | 354                | 4956         | 195.1 | 3.97            |
| 4956-14MPT-42                                                                        | 354                | 4956         | 195.1 | 4.17            |
| 4956-14MPT-55                                                                        | 354                | 4956         | 195.1 | 5.46            |
| 4956-14MPT-65                                                                        | 354                | 4956         | 195.1 | 6.45            |
| 4956-14MPT-85                                                                        | 354                | 4956         | 195.1 | 8.44            |
| 4956-14MPT-90                                                                        | 354                | 4956         | 195.1 | 8.94            |
| 4956-14MPT-115                                                                       | 354                | 4956         | 195.1 | 11.42           |
| 4956-14MPT-120                                                                       | 354                | 4956         | 195.1 | 11.92           |
| 4956-14MPT-170                                                                       | 354                | 4956         | 195.1 | 16.88           |

| Part Number                                                                       | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                   |                 | (mm)         | (in)  |              |
| 20M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (20mm) |                 |              |       |              |
| 2000-20MPT-115                                                                    | 100             | 2000         | 78.7  | 7.46         |
| 2000-20MPT-170                                                                    | 100             | 2000         | 78.7  | 11.03        |
| 2000-20MPT-230                                                                    | 100             | 2000         | 78.7  | 14.92        |
| 2000-20MPT-290                                                                    | 100             | 2000         | 78.7  | 18.81        |
| 2000-20MPT-340                                                                    | 100             | 2000         | 78.7  | 22.06        |
| 2500-20MPT-115                                                                    | 125             | 2500         | 98.4  | 9.33         |
| 2500-20MPT-170                                                                    | 125             | 2500         | 98.4  | 13.79        |
| 2500-20MPT-230                                                                    | 125             | 2500         | 98.4  | 18.65        |
| 2500-20MPT-290                                                                    | 125             | 2500         | 98.4  | 23.52        |
| 2500-20MPT-340                                                                    | 125             | 2500         | 98.4  | 27.57        |
| 3400-20MPT-115                                                                    | 170             | 3400         | 133.9 | 12.68        |
| 3400-20MPT-170                                                                    | 170             | 3400         | 133.9 | 18.75        |
| 3400-20MPT-230                                                                    | 170             | 3400         | 133.9 | 25.37        |
| 3400-20MPT-290                                                                    | 170             | 3400         | 133.9 | 31.98        |
| 3400-20MPT-340                                                                    | 170             | 3400         | 133.9 | 37.50        |
| 3800-20MPT-115                                                                    | 190             | 3800         | 149.6 | 14.17        |
| 3800-20MPT-170                                                                    | 190             | 3800         | 149.6 | 20.95        |
| 3800-20MPT-230                                                                    | 190             | 3800         | 149.6 | 28.35        |
| 3800-20MPT-290                                                                    | 190             | 3800         | 149.6 | 35.75        |
| 3800-20MPT-340                                                                    | 190             | 3800         | 149.6 | 41.91        |
| 4200-20MPT-115                                                                    | 210             | 4200         | 165.4 | 15.67        |
| 4200-20MPT-170                                                                    | 210             | 4200         | 165.4 | 23.16        |
| 4200-20MPT-230                                                                    | 210             | 4200         | 165.4 | 31.33        |
| 4200-20MPT-290                                                                    | 210             | 4200         | 165.4 | 39.51        |
| 4200-20MPT-340                                                                    | 210             | 4200         | 165.4 | 46.32        |
| 4600-20MPT-115                                                                    | 230             | 4600         | 181.1 | 17.16        |
| 4600-20MPT-170                                                                    | 230             | 4600         | 181.1 | 25.37        |
| 4600-20MPT-230                                                                    | 230             | 4600         | 181.1 | 34.32        |
| 4600-20MPT-290                                                                    | 230             | 4600         | 181.1 | 43.27        |
| 4600-20MPT-340                                                                    | 230             | 4600         | 181.1 | 50.73        |

# Panther® Sleeves

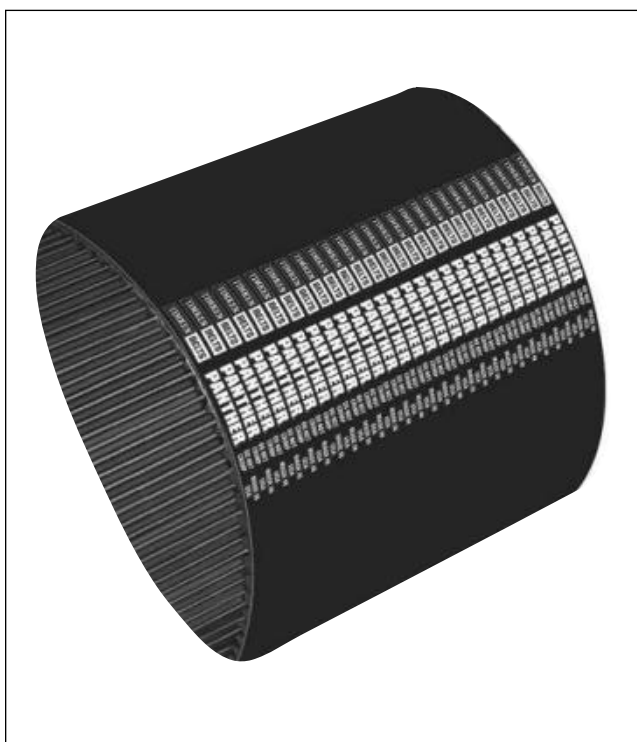


- **Full factory width sleeves**
- **Sleeve edges are trimmed before shipment**
- **Sleeves cannot be accepted for return**

Timken Belts maintains inventory of most synchronous sleeve sizes. Contact customer service for availability. Minimum order quantity and/or lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.



## Panther® Sleeve Part Numbers

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b> |                   |                     |
| 480-8MPT-470SL                                                                         | 470               | 2.7                 |
| 560-8MPT-470SL                                                                         | 470               | 3.2                 |
| 600-8MPT-470SL                                                                         | 470               | 3.4                 |
| 640-8MPT-470SL                                                                         | 470               | 3.6                 |
| 720-8MPT-470SL                                                                         | 470               | 4.1                 |
| 800-8MPT-470SL                                                                         | 470               | 4.5                 |
| 880-8MPT-470SL                                                                         | 470               | 5.0                 |
| 896-8MPT-470SL                                                                         | 470               | 5.1                 |
| 920-8MPT-470SL                                                                         | 470               | 5.2                 |
| 960-8MPT-470SL                                                                         | 470               | 5.4                 |
| 1000-8MPT-470SL                                                                        | 470               | 5.7                 |
| 1040-8MPT-470SL                                                                        | 470               | 5.9                 |
| 1120-8MPT-470SL                                                                        | 470               | 6.4                 |
| 1152-8MPT-470SL                                                                        | 470               | 6.5                 |
| 1200-8MPT-470SL                                                                        | 470               | 6.8                 |
| 1224-8MPT-470SL                                                                        | 470               | 6.9                 |
| 1248-8MPT-470SL                                                                        | 470               | 7.1                 |
| 1280-8MPT-470SL                                                                        | 470               | 7.3                 |
| 1360-8MPT-470SL                                                                        | 470               | 7.7                 |
| 1400-8MPT-470SL                                                                        | 470               | 7.9                 |
| 1440-8MPT-470SL                                                                        | 470               | 8.2                 |
| 1600-8MPT-470SL                                                                        | 470               | 9.1                 |
| 1760-8MPT-470SL                                                                        | 470               | 10.0                |
| 1800-8MPT-470SL                                                                        | 470               | 10.2                |
| 1904-8MPT-470SL                                                                        | 470               | 10.8                |
| 2000-8MPT-470SL                                                                        | 470               | 11.3                |
| 2104-8MPT-470SL                                                                        | 470               | 11.9                |
| 2200-8MPT-470SL                                                                        | 470               | 12.5                |
| 2240-8MPT-470SL                                                                        | 470               | 12.7                |
| 2400-8MPT-470SL                                                                        | 470               | 13.6                |
| 2600-8MPT-470SL                                                                        | 470               | 14.7                |
| 2800-8MPT-470SL                                                                        | 470               | 15.9                |
| 3048-8MPT-470SL                                                                        | 470               | 17.3                |

Part Number Example: **1400-8MPT-470SL** = **1400** - **8M** **PT** - **470** **SL**

Pitch Length (millimeters)      Tooth Pitch      Panther Construction (RPP tooth profile)      Width (millimeters)      Sleeve

| Part Number                                                                              | Sleeve Width (mm) | Sleeve Weight (lbs) |
|------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b>   |                   |                     |
| 3280-8MPT-470SL                                                                          | 470               | 18.6                |
| 3600-8MPT-470SL                                                                          | 470               | 20.4                |
| 4400-8MPT-470SL                                                                          | 470               | 24.9                |
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm)</b> |                   |                     |
| 966-14MPT-470SL                                                                          | 470               | 9.1                 |
| 1092-14MPT-470SL                                                                         | 470               | 10.3                |
| 1190-14MPT-470SL                                                                         | 470               | 11.2                |
| 1400-14MPT-470SL                                                                         | 470               | 13.2                |
| 1610-14MPT-470SL                                                                         | 470               | 15.2                |
| 1750-14MPT-470SL                                                                         | 470               | 16.5                |
| 1764-14MPT-470SL                                                                         | 470               | 16.6                |
| 1778-14MPT-470SL                                                                         | 470               | 16.7                |
| 1792-14MPT-470SL                                                                         | 470               | 16.9                |
| 1820-14MPT-470SL                                                                         | 470               | 17.1                |
| 1848-14MPT-470SL                                                                         | 470               | 17.4                |
| 1862-14MPT-470SL                                                                         | 470               | 17.5                |
| 1890-14MPT-470SL                                                                         | 470               | 17.8                |
| 1904-14MPT-470SL                                                                         | 470               | 17.9                |
| 1960-14MPT-470SL                                                                         | 470               | 18.5                |
| 2100-14MPT-470SL                                                                         | 470               | 19.8                |
| 2310-14MPT-470SL                                                                         | 470               | 21.8                |
| 2450-14MPT-470SL                                                                         | 470               | 23.1                |
| 2590-14MPT-470SL                                                                         | 470               | 24.4                |
| 2800-14MPT-470SL                                                                         | 470               | 26.4                |
| 3150-14MPT-470SL                                                                         | 470               | 29.7                |
| 3360-14MPT-470SL                                                                         | 470               | 31.6                |
| 3500-14MPT-470SL                                                                         | 470               | 33.0                |
| 3850-14MPT-470SL                                                                         | 470               | 36.3                |
| 4326-14MPT-470SL                                                                         | 470               | 40.7                |
| 4578-14MPT-470SL                                                                         | 470               | 43.1                |
| 4956-14MPT-540SL                                                                         | 540               | 46.7                |

| Part Number                                                                              | Sleeve Width (mm) | Sleeve Weight (lbs) |
|------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>20M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (20mm)</b> |                   |                     |
| 2000-20MPT-570SL                                                                         | 570               | 30.5                |
| 2500-20MPT-570SL                                                                         | 570               | 38.1                |
| 3400-20MPT-570SL                                                                         | 570               | 51.8                |
| 3800-20MPT-570SL                                                                         | 570               | 57.9                |
| 4200-20MPT-570SL                                                                         | 570               | 64.0                |
| 4600-20MPT-570SL                                                                         | 570               | 70.1                |

# Synchro-Cog<sup>®</sup> HT

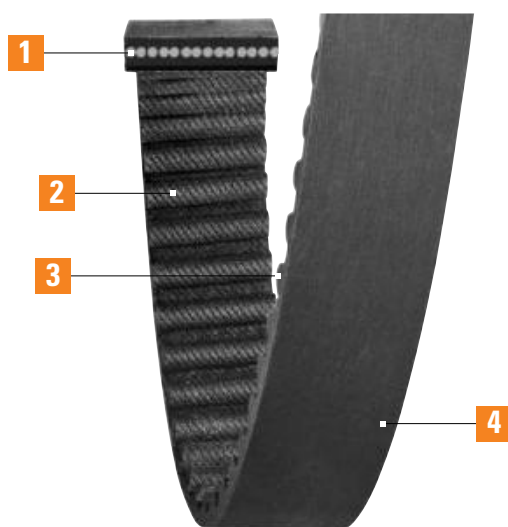
Synchronous Drive Belt





# Synchro-Cog® HT

## Synchronous Drive Belt



**1 Fiberglass Cord**  
Chemically treated to assure length stability, flexibility, and high tensile strength.

**2 Fabric Cover**  
Resistant to tooth wear.

**3 Teeth**  
Precisely formed and accurately spaced for smooth, uniform transfer of power and resistance to tooth jump and shear.

**4 Synthetic Rubber Backing**  
Resistant to ozone, grease, heat build-up, sunlight and flex fatigue.

**Recommended Sprockets:**  
High Torque Synchronous (HTS) Sprockets – MPB, QD, Taper Bushed (3mm, 5mm, 8mm, 14mm)

Medium torque capacity

Economical

Small, more compact drive packages

Maximum drive efficiency

HTD® tooth profile

**Applications:**

Blowers  
Mixers  
Machine tools  
Sewing machines  
Food processing  
Paper processing  
& More

Synchronous Belts

V- Belts

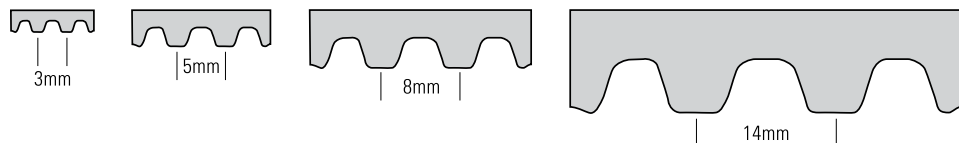
Specialty Belts

Tools

General Information

# Synchro-Cog® HT

## Synchronous Drive Belt



**Synchro-Cog® HT delivers trouble-free power transmission with a smooth and quiet drive system.**



Synchro-Cog® HT is a curvilinear synchronous belt with an HTD® profile. Although HT stands for high torque, the evolution of synchronous belts means Synchro-Cog HT is now more suitable for medium torque applications. Panther belts should be used for high torque and Panther XT for extreme torque applications.

Available in 3M, 5M, 8M and 14M cross sections in a wide variety of sizes, Synchro-Cog HT provides trouble free power transmission with a smooth and quiet drive system.

Synchro-Cog HT belts are made using fiberglass cord that is treated to assure length stability, flexibility, and high tensile strength. The rubber teeth are precisely formed and accurately spaced for smooth, uniform transfer of power.

A specially formulated rubber backing resists ozone, grease, heat build-up, sunlight and flex fatigue. The nylon fabric tooth cover is resistant to wear.

Synchro-Cog HT belts are compatible with RPP®, PowerGrip GT2® and HTD® sprockets.

PowerGrip GT2 and HTD are registered trademarks of Gates Corporation

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT Part Numbers

Part Number Example: **144-3M-15** = **144** – **3M** – **15**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm) |                 |              |      |              |
| 144-3M-6                                                                        | 48              | 144          | 5.7  | 0.01         |
| 144-3M-9                                                                        | 48              | 144          | 5.7  | 0.01         |
| 144-3M-15                                                                       | 48              | 144          | 5.7  | 0.01         |
| 150-3M-6                                                                        | 50              | 150          | 5.9  | 0.00         |
| 150-3M-9                                                                        | 50              | 150          | 5.9  | 0.01         |
| 150-3M-15                                                                       | 50              | 150          | 5.9  | 0.01         |
| 159-3M-6                                                                        | 53              | 159          | 6.3  | 0.01         |
| 159-3M-9                                                                        | 53              | 159          | 6.3  | 0.01         |
| 159-3M-15                                                                       | 53              | 159          | 6.3  | 0.01         |
| 168-3M-6                                                                        | 56              | 168          | 6.6  | 0.01         |
| 168-3M-9                                                                        | 56              | 168          | 6.6  | 0.01         |
| 168-3M-15                                                                       | 56              | 168          | 6.6  | 0.01         |
| 177-3M-6                                                                        | 59              | 177          | 7.0  | 0.01         |
| 177-3M-9                                                                        | 59              | 177          | 7.0  | 0.01         |
| 177-3M-15                                                                       | 59              | 177          | 7.0  | 0.01         |
| 180-3M-6                                                                        | 60              | 180          | 7.1  | 0.01         |
| 180-3M-9                                                                        | 60              | 180          | 7.1  | 0.01         |
| 180-3M-15                                                                       | 60              | 180          | 7.1  | 0.01         |
| 186-3M-6                                                                        | 62              | 186          | 7.3  | 0.01         |
| 186-3M-9                                                                        | 62              | 186          | 7.3  | 0.01         |
| 186-3M-15                                                                       | 62              | 186          | 7.3  | 0.02         |
| 189-3M-6                                                                        | 63              | 189          | 7.4  | 0.01         |
| 189-3M-9                                                                        | 63              | 189          | 7.4  | 0.01         |
| 189-3M-15                                                                       | 63              | 189          | 7.4  | 0.02         |
| 192-3M-6                                                                        | 64              | 192          | 7.6  | 0.01         |
| 192-3M-9                                                                        | 64              | 192          | 7.6  | 0.01         |
| 192-3M-15                                                                       | 64              | 192          | 7.6  | 0.02         |
| 201-3M-6                                                                        | 67              | 201          | 7.9  | 0.01         |
| 201-3M-9                                                                        | 67              | 201          | 7.9  | 0.01         |
| 201-3M-15                                                                       | 67              | 201          | 7.9  | 0.02         |
| 207-3M-6                                                                        | 69              | 207          | 8.1  | 0.01         |
| 207-3M-9                                                                        | 69              | 207          | 8.1  | 0.01         |
| 207-3M-15                                                                       | 69              | 207          | 8.1  | 0.02         |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (3mm) |                    |              |      |                 |
| 210-3M-6                                                                           | 70                 | 210          | 8.3  | 0.01            |
| 210-3M-9                                                                           | 70                 | 210          | 8.3  | 0.01            |
| 210-3M-15                                                                          | 70                 | 210          | 8.3  | 0.02            |
| 213-3M-6                                                                           | 71                 | 213          | 8.4  | 0.01            |
| 213-3M-9                                                                           | 71                 | 213          | 8.4  | 0.01            |
| 213-3M-15                                                                          | 71                 | 213          | 8.4  | 0.02            |
| 222-3M-6                                                                           | 74                 | 222          | 8.7  | 0.01            |
| 222-3M-9                                                                           | 74                 | 222          | 8.7  | 0.01            |
| 222-3M-15                                                                          | 74                 | 222          | 8.7  | 0.02            |
| 225-3M-6                                                                           | 75                 | 225          | 8.9  | 0.01            |
| 225-3M-9                                                                           | 75                 | 225          | 8.9  | 0.01            |
| 225-3M-15                                                                          | 75                 | 225          | 8.9  | 0.02            |
| 228-3M-6                                                                           | 76                 | 228          | 9.0  | 0.01            |
| 228-3M-9                                                                           | 76                 | 228          | 9.0  | 0.01            |
| 228-3M-15                                                                          | 76                 | 228          | 9.0  | 0.02            |
| 234-3M-6                                                                           | 78                 | 234          | 9.2  | 0.01            |
| 234-3M-9                                                                           | 78                 | 234          | 9.2  | 0.01            |
| 234-3M-15                                                                          | 78                 | 234          | 9.2  | 0.02            |
| 240-3M-6                                                                           | 80                 | 240          | 9.4  | 0.01            |
| 240-3M-9                                                                           | 80                 | 240          | 9.4  | 0.01            |
| 240-3M-15                                                                          | 80                 | 240          | 9.4  | 0.02            |
| 252-3M-6                                                                           | 84                 | 252          | 9.9  | 0.01            |
| 252-3M-9                                                                           | 84                 | 252          | 9.9  | 0.01            |
| 252-3M-15                                                                          | 84                 | 252          | 9.9  | 0.02            |
| 255-3M-6                                                                           | 85                 | 255          | 10.0 | 0.01            |
| 255-3M-9                                                                           | 85                 | 255          | 10.0 | 0.01            |
| 255-3M-15                                                                          | 85                 | 255          | 10.0 | 0.02            |
| 264-3M-6                                                                           | 88                 | 264          | 10.4 | 0.01            |
| 264-3M-9                                                                           | 88                 | 264          | 10.4 | 0.01            |
| 264-3M-15                                                                          | 88                 | 264          | 10.4 | 0.02            |
| 267-3M-6                                                                           | 89                 | 267          | 10.5 | 0.01            |
| 267-3M-9                                                                           | 89                 | 267          | 10.5 | 0.01            |
| 267-3M-15                                                                          | 89                 | 267          | 10.5 | 0.02            |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (3mm) |                    |              |      |                 |
| 276-3M-6                                                                           | 92                 | 276          | 10.9 | 0.01            |
| 276-3M-9                                                                           | 92                 | 276          | 10.9 | 0.01            |
| 276-3M-15                                                                          | 92                 | 276          | 10.9 | 0.02            |
| 285-3M-6                                                                           | 95                 | 285          | 11.2 | 0.01            |
| 285-3M-9                                                                           | 95                 | 285          | 11.2 | 0.01            |
| 285-3M-15                                                                          | 95                 | 285          | 11.2 | 0.02            |
| 300-3M-6                                                                           | 100                | 300          | 11.8 | 0.01            |
| 300-3M-9                                                                           | 100                | 300          | 11.8 | 0.01            |
| 300-3M-15                                                                          | 100                | 300          | 11.8 | 0.02            |
| 312-3M-6                                                                           | 104                | 312          | 12.3 | 0.01            |
| 312-3M-9                                                                           | 104                | 312          | 12.3 | 0.02            |
| 312-3M-15                                                                          | 104                | 312          | 12.3 | 0.03            |
| 318-3M-6                                                                           | 106                | 318          | 12.5 | 0.01            |
| 318-3M-9                                                                           | 106                | 318          | 12.5 | 0.02            |
| 318-3M-15                                                                          | 106                | 318          | 12.5 | 0.03            |
| 324-3M-6                                                                           | 108                | 324          | 12.8 | 0.01            |
| 324-3M-9                                                                           | 108                | 324          | 12.8 | 0.02            |
| 324-3M-15                                                                          | 108                | 324          | 12.8 | 0.03            |
| 330-3M-6                                                                           | 110                | 330          | 13.0 | 0.01            |
| 330-3M-9                                                                           | 110                | 330          | 13.0 | 0.02            |
| 330-3M-15                                                                          | 110                | 330          | 13.0 | 0.03            |
| 339-3M-6                                                                           | 113                | 339          | 13.3 | 0.01            |
| 339-3M-9                                                                           | 113                | 339          | 13.3 | 0.02            |
| 339-3M-15                                                                          | 113                | 339          | 13.3 | 0.03            |
| 357-3M-6                                                                           | 119                | 357          | 14.1 | 0.01            |
| 357-3M-9                                                                           | 119                | 357          | 14.1 | 0.02            |
| 357-3M-15                                                                          | 119                | 357          | 14.1 | 0.03            |
| 360-3M-6                                                                           | 120                | 360          | 14.2 | 0.01            |
| 360-3M-9                                                                           | 120                | 360          | 14.2 | 0.02            |
| 360-3M-15                                                                          | 120                | 360          | 14.2 | 0.03            |
| 363-3M-6                                                                           | 121                | 363          | 14.3 | 0.01            |
| 363-3M-9                                                                           | 121                | 363          | 14.3 | 0.02            |
| 363-3M-15                                                                          | 121                | 363          | 14.3 | 0.03            |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm) |                 |              |      |              |
| 375-3M-6                                                                        | 125             | 375          | 14.8 | 0.01         |
| 375-3M-9                                                                        | 125             | 375          | 14.8 | 0.02         |
| 375-3M-15                                                                       | 125             | 375          | 14.8 | 0.03         |
| 384-3M-6                                                                        | 128             | 384          | 15.1 | 0.01         |
| 384-3M-9                                                                        | 128             | 384          | 15.1 | 0.02         |
| 384-3M-15                                                                       | 128             | 384          | 15.1 | 0.03         |
| 390-3M-6                                                                        | 130             | 390          | 15.4 | 0.01         |
| 390-3M-9                                                                        | 130             | 390          | 15.4 | 0.02         |
| 390-3M-15                                                                       | 130             | 390          | 15.4 | 0.03         |
| 405-3M-6                                                                        | 135             | 405          | 15.9 | 0.01         |
| 405-3M-9                                                                        | 135             | 405          | 15.9 | 0.02         |
| 405-3M-15                                                                       | 135             | 405          | 15.9 | 0.03         |
| 420-3M-6                                                                        | 140             | 420          | 16.5 | 0.01         |
| 420-3M-9                                                                        | 140             | 420          | 16.5 | 0.02         |
| 420-3M-15                                                                       | 140             | 420          | 16.5 | 0.03         |
| 447-3M-6                                                                        | 149             | 447          | 17.6 | 0.01         |
| 447-3M-9                                                                        | 149             | 447          | 17.6 | 0.02         |
| 447-3M-15                                                                       | 149             | 447          | 17.6 | 0.04         |
| 456-3M-6                                                                        | 152             | 456          | 18.0 | 0.01         |
| 456-3M-9                                                                        | 152             | 456          | 18.0 | 0.02         |
| 456-3M-15                                                                       | 152             | 456          | 18.0 | 0.04         |
| 474-3M-6                                                                        | 158             | 474          | 18.7 | 0.02         |
| 474-3M-9                                                                        | 158             | 474          | 18.7 | 0.02         |
| 474-3M-15                                                                       | 158             | 474          | 18.7 | 0.04         |
| 483-3M-6                                                                        | 161             | 483          | 19.0 | 0.02         |
| 483-3M-9                                                                        | 161             | 483          | 19.0 | 0.02         |
| 483-3M-15                                                                       | 161             | 483          | 19.0 | 0.04         |
| 495-3M-6                                                                        | 165             | 495          | 19.5 | 0.02         |
| 495-3M-9                                                                        | 165             | 495          | 19.5 | 0.02         |
| 495-3M-15                                                                       | 165             | 495          | 19.5 | 0.04         |
| 501-3M-6                                                                        | 167             | 501          | 19.7 | 0.02         |
| 501-3M-9                                                                        | 167             | 501          | 19.7 | 0.02         |
| 501-3M-15                                                                       | 167             | 501          | 19.7 | 0.04         |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **180-5M-25** = **180** – **5M** – **25**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm) |                 |              |      |              |
| 513-3M-6                                                                        | 171             | 513          | 20.2 | 0.02         |
| 513-3M-9                                                                        | 171             | 513          | 20.2 | 0.02         |
| 513-3M-15                                                                       | 171             | 513          | 20.2 | 0.04         |
| 522-3M-6                                                                        | 174             | 522          | 20.6 | 0.02         |
| 522-3M-9                                                                        | 174             | 522          | 20.6 | 0.03         |
| 522-3M-15                                                                       | 174             | 522          | 20.6 | 0.04         |
| 531-3M-6                                                                        | 177             | 531          | 20.9 | 0.02         |
| 531-3M-9                                                                        | 177             | 531          | 20.9 | 0.03         |
| 531-3M-15                                                                       | 177             | 531          | 20.9 | 0.04         |
| 564-3M-6                                                                        | 188             | 564          | 22.2 | 0.02         |
| 564-3M-9                                                                        | 188             | 564          | 22.2 | 0.03         |
| 564-3M-15                                                                       | 188             | 564          | 22.2 | 0.05         |
| 570-3M-6                                                                        | 190             | 570          | 22.4 | 0.02         |
| 570-3M-9                                                                        | 190             | 570          | 22.4 | 0.03         |
| 570-3M-15                                                                       | 190             | 570          | 22.4 | 0.05         |
| 582-3M-6                                                                        | 194             | 582          | 22.9 | 0.02         |
| 582-3M-9                                                                        | 194             | 582          | 22.9 | 0.03         |
| 582-3M-15                                                                       | 194             | 582          | 22.9 | 0.05         |
| 600-3M-6                                                                        | 200             | 600          | 23.6 | 0.02         |
| 600-3M-9                                                                        | 200             | 600          | 23.6 | 0.03         |
| 600-3M-15                                                                       | 200             | 600          | 23.6 | 0.05         |
| 633-3M-6                                                                        | 211             | 633          | 24.9 | 0.02         |
| 633-3M-9                                                                        | 211             | 633          | 24.9 | 0.03         |
| 633-3M-15                                                                       | 211             | 633          | 24.9 | 0.05         |
| 669-3M-6                                                                        | 223             | 669          | 26.3 | 0.02         |
| 669-3M-9                                                                        | 223             | 669          | 26.3 | 0.03         |
| 669-3M-15                                                                       | 223             | 669          | 26.3 | 0.05         |
| 711-3M-6                                                                        | 237             | 711          | 28.0 | 0.02         |
| 711-3M-9                                                                        | 237             | 711          | 28.0 | 0.03         |
| 711-3M-15                                                                       | 237             | 711          | 28.0 | 0.06         |
| 735-3M-6                                                                        | 245             | 735          | 28.9 | 0.02         |
| 735-3M-9                                                                        | 245             | 735          | 28.9 | 0.04         |
| 735-3M-15                                                                       | 245             | 735          | 28.9 | 0.06         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm) |                 |              |      |              |
| 750-3M-6                                                                        | 250             | 750          | 29.5 | 0.02         |
| 750-3M-9                                                                        | 250             | 750          | 29.5 | 0.04         |
| 750-3M-15                                                                       | 250             | 750          | 29.5 | 0.06         |
| 804-3M-6                                                                        | 268             | 804          | 31.7 | 0.03         |
| 804-3M-9                                                                        | 268             | 804          | 31.7 | 0.04         |
| 804-3M-15                                                                       | 268             | 804          | 31.7 | 0.07         |
| 1026-3M-6                                                                       | 342             | 1026         | 40.4 | 0.03         |
| 1026-3M-9                                                                       | 342             | 1026         | 40.4 | 0.05         |
| 1026-3M-15                                                                      | 342             | 1026         | 40.4 | 0.08         |
| 1401-3M-6                                                                       | 467             | 1401         | 55.2 | 0.05         |
| 1401-3M-9                                                                       | 467             | 1401         | 55.2 | 0.07         |
| 1401-3M-15                                                                      | 467             | 1401         | 55.2 | 0.11         |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 180-5M-9                                                                        | 36              | 180          | 7.1  | 0.01         |
| 180-5M-15                                                                       | 36              | 180          | 7.1  | 0.02         |
| 180-5M-25                                                                       | 36              | 180          | 7.1  | 0.04         |
| 200-5M-9                                                                        | 40              | 200          | 7.9  | 0.02         |
| 200-5M-15                                                                       | 40              | 200          | 7.9  | 0.03         |
| 200-5M-25                                                                       | 40              | 200          | 7.9  | 0.04         |
| 210-5M-9                                                                        | 42              | 210          | 8.3  | 0.02         |
| 210-5M-15                                                                       | 42              | 210          | 8.3  | 0.03         |
| 210-5M-25                                                                       | 42              | 210          | 8.3  | 0.05         |
| 215-5M-9                                                                        | 43              | 215          | 8.5  | 0.02         |
| 215-5M-15                                                                       | 43              | 215          | 8.5  | 0.03         |
| 215-5M-25                                                                       | 43              | 215          | 8.5  | 0.05         |
| 225-5M-9                                                                        | 45              | 225          | 8.9  | 0.02         |
| 225-5M-15                                                                       | 45              | 225          | 8.9  | 0.03         |
| 225-5M-25                                                                       | 45              | 225          | 8.9  | 0.05         |
| 230-5M-9                                                                        | 46              | 230          | 9.1  | 0.02         |
| 230-5M-15                                                                       | 46              | 230          | 9.1  | 0.03         |
| 230-5M-25                                                                       | 46              | 230          | 9.1  | 0.05         |
| 235-5M-9                                                                        | 47              | 235          | 9.3  | 0.02         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |      |                 |
| 235-5M-15                                                                          | 47                 | 235          | 9.3  | 0.03            |
| 235-5M-25                                                                          | 47                 | 235          | 9.3  | 0.05            |
| 245-5M-9                                                                           | 49                 | 245          | 9.6  | 0.02            |
| 245-5M-15                                                                          | 49                 | 245          | 9.6  | 0.03            |
| 245-5M-25                                                                          | 49                 | 245          | 9.6  | 0.05            |
| 250-5M-9                                                                           | 50                 | 250          | 9.8  | 0.02            |
| 250-5M-15                                                                          | 50                 | 250          | 9.8  | 0.03            |
| 250-5M-25                                                                          | 50                 | 250          | 9.8  | 0.06            |
| 255-5M-9                                                                           | 51                 | 255          | 10.0 | 0.02            |
| 255-5M-15                                                                          | 51                 | 255          | 10.0 | 0.03            |
| 255-5M-25                                                                          | 51                 | 255          | 10.0 | 0.06            |
| 260-5M-9                                                                           | 52                 | 260          | 10.2 | 0.02            |
| 260-5M-15                                                                          | 52                 | 260          | 10.2 | 0.03            |
| 260-5M-25                                                                          | 52                 | 260          | 10.2 | 0.06            |
| 265-5M-9                                                                           | 53                 | 265          | 10.4 | 0.02            |
| 265-5M-15                                                                          | 53                 | 265          | 10.4 | 0.04            |
| 265-5M-25                                                                          | 53                 | 265          | 10.4 | 0.06            |
| 270-5M-9                                                                           | 54                 | 270          | 10.6 | 0.02            |
| 270-5M-15                                                                          | 54                 | 270          | 10.6 | 0.04            |
| 270-5M-25                                                                          | 54                 | 270          | 10.6 | 0.06            |
| 275-5M-9                                                                           | 55                 | 275          | 10.8 | 0.02            |
| 275-5M-15                                                                          | 55                 | 275          | 10.8 | 0.04            |
| 275-5M-25                                                                          | 55                 | 275          | 10.8 | 0.06            |
| 280-5M-9                                                                           | 56                 | 280          | 11.0 | 0.02            |
| 280-5M-15                                                                          | 56                 | 280          | 11.0 | 0.04            |
| 280-5M-25                                                                          | 56                 | 280          | 11.0 | 0.06            |
| 285-5M-9                                                                           | 57                 | 285          | 11.2 | 0.02            |
| 285-5M-15                                                                          | 57                 | 285          | 11.2 | 0.04            |
| 285-5M-25                                                                          | 57                 | 285          | 11.2 | 0.06            |
| 290-5M-9                                                                           | 58                 | 290          | 11.4 | 0.02            |
| 290-5M-15                                                                          | 58                 | 290          | 11.4 | 0.04            |
| 290-5M-25                                                                          | 58                 | 290          | 11.4 | 0.06            |
| 295-5M-9                                                                           | 59                 | 295          | 11.6 | 0.02            |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 295-5M-15                                                                       | 59              | 295          | 11.6 | 0.04         |
| 295-5M-25                                                                       | 59              | 295          | 11.6 | 0.07         |
| 300-5M-9                                                                        | 60              | 300          | 11.8 | 0.02         |
| 300-5M-15                                                                       | 60              | 300          | 11.8 | 0.04         |
| 300-5M-25                                                                       | 60              | 300          | 11.8 | 0.07         |
| 305-5M-9                                                                        | 61              | 305          | 12.0 | 0.02         |
| 305-5M-15                                                                       | 61              | 305          | 12.0 | 0.04         |
| 305-5M-25                                                                       | 61              | 305          | 12.0 | 0.07         |
| 310-5M-9                                                                        | 62              | 310          | 12.2 | 0.02         |
| 310-5M-15                                                                       | 62              | 310          | 12.2 | 0.04         |
| 310-5M-25                                                                       | 62              | 310          | 12.2 | 0.07         |
| 320-5M-9                                                                        | 64              | 320          | 12.6 | 0.03         |
| 320-5M-15                                                                       | 64              | 320          | 12.6 | 0.04         |
| 320-5M-25                                                                       | 64              | 320          | 12.6 | 0.07         |
| 325-5M-9                                                                        | 65              | 325          | 12.8 | 0.03         |
| 325-5M-15                                                                       | 65              | 325          | 12.8 | 0.04         |
| 325-5M-25                                                                       | 65              | 325          | 12.8 | 0.07         |
| 330-5M-9                                                                        | 66              | 330          | 13.0 | 0.03         |
| 330-5M-15                                                                       | 66              | 330          | 13.0 | 0.04         |
| 330-5M-25                                                                       | 66              | 330          | 13.0 | 0.07         |
| 340-5M-9                                                                        | 68              | 340          | 13.4 | 0.03         |
| 340-5M-15                                                                       | 68              | 340          | 13.4 | 0.05         |
| 340-5M-25                                                                       | 68              | 340          | 13.4 | 0.08         |
| 345-5M-9                                                                        | 69              | 345          | 13.6 | 0.03         |
| 345-5M-15                                                                       | 69              | 345          | 13.6 | 0.05         |
| 345-5M-25                                                                       | 69              | 345          | 13.6 | 0.08         |
| 350-5M-9                                                                        | 70              | 350          | 13.8 | 0.03         |
| 350-5M-15                                                                       | 70              | 350          | 13.8 | 0.05         |
| 350-5M-25                                                                       | 70              | 350          | 13.8 | 0.08         |
| 360-5M-9                                                                        | 72              | 360          | 14.2 | 0.03         |
| 360-5M-15                                                                       | 72              | 360          | 14.2 | 0.05         |
| 360-5M-25                                                                       | 72              | 360          | 14.2 | 0.08         |
| 365-5M-9                                                                        | 73              | 365          | 14.4 | 0.03         |



# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **370-5M-15** = **370** – **5M** – **15**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |      |                 |
| 365-5M-15                                                                          | 73                 | 365          | 14.4 | 0.05            |
| 365-5M-25                                                                          | 73                 | 365          | 14.4 | 0.08            |
| 370-5M-9                                                                           | 74                 | 370          | 14.6 | 0.03            |
| 370-5M-15                                                                          | 74                 | 370          | 14.6 | 0.05            |
| 370-5M-25                                                                          | 74                 | 370          | 14.6 | 0.08            |
| 375-5M-9                                                                           | 75                 | 375          | 14.8 | 0.03            |
| 375-5M-15                                                                          | 75                 | 375          | 14.8 | 0.05            |
| 375-5M-25                                                                          | 75                 | 375          | 14.8 | 0.08            |
| 380-5M-9                                                                           | 76                 | 380          | 15.0 | 0.03            |
| 380-5M-15                                                                          | 76                 | 380          | 15.0 | 0.05            |
| 380-5M-25                                                                          | 76                 | 380          | 15.0 | 0.08            |
| 385-5M-9                                                                           | 77                 | 385          | 15.2 | 0.03            |
| 385-5M-15                                                                          | 77                 | 385          | 15.2 | 0.05            |
| 385-5M-25                                                                          | 77                 | 385          | 15.2 | 0.09            |
| 390-5M-9                                                                           | 78                 | 390          | 15.4 | 0.03            |
| 390-5M-15                                                                          | 78                 | 390          | 15.4 | 0.05            |
| 390-5M-25                                                                          | 78                 | 390          | 15.4 | 0.09            |
| 395-5M-9                                                                           | 79                 | 395          | 15.6 | 0.03            |
| 395-5M-15                                                                          | 79                 | 395          | 15.6 | 0.05            |
| 395-5M-25                                                                          | 79                 | 395          | 15.6 | 0.09            |
| 400-5M-9                                                                           | 80                 | 400          | 15.7 | 0.03            |
| 400-5M-15                                                                          | 80                 | 400          | 15.7 | 0.05            |
| 400-5M-25                                                                          | 80                 | 400          | 15.7 | 0.09            |
| 405-5M-9                                                                           | 81                 | 405          | 15.9 | 0.03            |
| 405-5M-15                                                                          | 81                 | 405          | 15.9 | 0.05            |
| 405-5M-25                                                                          | 81                 | 405          | 15.9 | 0.09            |
| 410-5M-9                                                                           | 82                 | 410          | 16.1 | 0.03            |
| 410-5M-15                                                                          | 82                 | 410          | 16.1 | 0.05            |
| 410-5M-25                                                                          | 82                 | 410          | 16.1 | 0.09            |
| 420-5M-9                                                                           | 84                 | 420          | 16.5 | 0.03            |
| 420-5M-15                                                                          | 84                 | 420          | 16.5 | 0.06            |
| 420-5M-25                                                                          | 84                 | 420          | 16.5 | 0.09            |
| 425-5M-9                                                                           | 85                 | 425          | 16.7 | 0.03            |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 425-5M-15                                                                       | 85              | 425          | 16.7 | 0.06         |
| 425-5M-25                                                                       | 85              | 425          | 16.7 | 0.09         |
| 430-5M-9                                                                        | 86              | 430          | 16.9 | 0.03         |
| 430-5M-15                                                                       | 86              | 430          | 16.9 | 0.06         |
| 430-5M-25                                                                       | 86              | 430          | 16.9 | 0.10         |
| 435-5M-9                                                                        | 87              | 435          | 17.1 | 0.03         |
| 435-5M-15                                                                       | 87              | 435          | 17.1 | 0.06         |
| 435-5M-25                                                                       | 87              | 435          | 17.1 | 0.10         |
| 440-5M-9                                                                        | 88              | 440          | 17.3 | 0.04         |
| 440-5M-15                                                                       | 88              | 440          | 17.3 | 0.06         |
| 440-5M-25                                                                       | 88              | 440          | 17.3 | 0.10         |
| 445-5M-9                                                                        | 89              | 445          | 17.5 | 0.04         |
| 445-5M-15                                                                       | 89              | 445          | 17.5 | 0.06         |
| 445-5M-25                                                                       | 89              | 445          | 17.5 | 0.10         |
| 450-5M-9                                                                        | 90              | 450          | 17.7 | 0.04         |
| 450-5M-15                                                                       | 90              | 450          | 17.7 | 0.06         |
| 450-5M-25                                                                       | 90              | 450          | 17.7 | 0.10         |
| 460-5M-9                                                                        | 92              | 460          | 18.1 | 0.04         |
| 460-5M-15                                                                       | 92              | 460          | 18.1 | 0.06         |
| 460-5M-25                                                                       | 92              | 460          | 18.1 | 0.10         |
| 465-5M-9                                                                        | 93              | 465          | 18.3 | 0.04         |
| 465-5M-15                                                                       | 93              | 465          | 18.3 | 0.06         |
| 465-5M-25                                                                       | 93              | 465          | 18.3 | 0.10         |
| 470-5M-9                                                                        | 94              | 470          | 18.5 | 0.04         |
| 470-5M-15                                                                       | 94              | 470          | 18.5 | 0.06         |
| 470-5M-25                                                                       | 94              | 470          | 18.5 | 0.11         |
| 475-5M-9                                                                        | 95              | 475          | 18.7 | 0.04         |
| 475-5M-15                                                                       | 95              | 475          | 18.7 | 0.06         |
| 475-5M-25                                                                       | 95              | 475          | 18.7 | 0.11         |
| 480-5M-9                                                                        | 96              | 480          | 18.9 | 0.04         |
| 480-5M-15                                                                       | 96              | 480          | 18.9 | 0.06         |
| 480-5M-25                                                                       | 96              | 480          | 18.9 | 0.11         |
| 490-5M-9                                                                        | 98              | 490          | 19.3 | 0.04         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |      |                 |
| 490-5M-15                                                                          | 98                 | 490          | 19.3 | 0.07            |
| 490-5M-25                                                                          | 98                 | 490          | 19.3 | 0.11            |
| 500-5M-9                                                                           | 100                | 500          | 19.7 | 0.04            |
| 500-5M-15                                                                          | 100                | 500          | 19.7 | 0.07            |
| 500-5M-25                                                                          | 100                | 500          | 19.7 | 0.11            |
| 505-5M-9                                                                           | 101                | 505          | 19.9 | 0.04            |
| 505-5M-15                                                                          | 101                | 505          | 19.9 | 0.07            |
| 505-5M-25                                                                          | 101                | 505          | 19.9 | 0.11            |
| 510-5M-9                                                                           | 102                | 510          | 20.1 | 0.04            |
| 510-5M-15                                                                          | 102                | 510          | 20.1 | 0.07            |
| 510-5M-25                                                                          | 102                | 510          | 20.1 | 0.11            |
| 520-5M-9                                                                           | 104                | 520          | 20.5 | 0.04            |
| 520-5M-15                                                                          | 104                | 520          | 20.5 | 0.07            |
| 520-5M-25                                                                          | 104                | 520          | 20.5 | 0.12            |
| 525-5M-9                                                                           | 105                | 525          | 20.7 | 0.04            |
| 525-5M-15                                                                          | 105                | 525          | 20.7 | 0.07            |
| 525-5M-25                                                                          | 105                | 525          | 20.7 | 0.12            |
| 530-5M-9                                                                           | 106                | 530          | 20.9 | 0.04            |
| 530-5M-15                                                                          | 106                | 530          | 20.9 | 0.07            |
| 530-5M-25                                                                          | 106                | 530          | 20.9 | 0.12            |
| 535-5M-9                                                                           | 107                | 535          | 21.1 | 0.04            |
| 535-5M-15                                                                          | 107                | 535          | 21.1 | 0.07            |
| 535-5M-25                                                                          | 107                | 535          | 21.1 | 0.12            |
| 540-5M-9                                                                           | 108                | 540          | 21.3 | 0.04            |
| 540-5M-15                                                                          | 108                | 540          | 21.3 | 0.07            |
| 540-5M-25                                                                          | 108                | 540          | 21.3 | 0.12            |
| 550-5M-9                                                                           | 110                | 550          | 21.7 | 0.04            |
| 550-5M-15                                                                          | 110                | 550          | 21.7 | 0.07            |
| 550-5M-25                                                                          | 110                | 550          | 21.7 | 0.12            |
| 560-5M-9                                                                           | 112                | 560          | 22.0 | 0.05            |
| 560-5M-15                                                                          | 112                | 560          | 22.0 | 0.08            |
| 560-5M-25                                                                          | 112                | 560          | 22.0 | 0.13            |
| 565-5M-9                                                                           | 113                | 565          | 22.2 | 0.05            |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 565-5M-15                                                                       | 113             | 565          | 22.2 | 0.08         |
| 565-5M-25                                                                       | 113             | 565          | 22.2 | 0.13         |
| 570-5M-9                                                                        | 114             | 570          | 22.4 | 0.05         |
| 570-5M-15                                                                       | 114             | 570          | 22.4 | 0.08         |
| 570-5M-25                                                                       | 114             | 570          | 22.4 | 0.13         |
| 575-5M-9                                                                        | 115             | 575          | 22.6 | 0.05         |
| 575-5M-15                                                                       | 115             | 575          | 22.6 | 0.08         |
| 575-5M-25                                                                       | 115             | 575          | 22.6 | 0.13         |
| 580-5M-9                                                                        | 116             | 580          | 22.8 | 0.05         |
| 580-5M-15                                                                       | 116             | 580          | 22.8 | 0.08         |
| 580-5M-25                                                                       | 116             | 580          | 22.8 | 0.13         |
| 585-5M-9                                                                        | 117             | 585          | 23.0 | 0.05         |
| 585-5M-15                                                                       | 117             | 585          | 23.0 | 0.08         |
| 585-5M-25                                                                       | 117             | 585          | 23.0 | 0.13         |
| 590-5M-9                                                                        | 118             | 590          | 23.2 | 0.05         |
| 590-5M-15                                                                       | 118             | 590          | 23.2 | 0.08         |
| 590-5M-25                                                                       | 118             | 590          | 23.2 | 0.13         |
| 600-5M-9                                                                        | 120             | 600          | 23.6 | 0.05         |
| 600-5M-15                                                                       | 120             | 600          | 23.6 | 0.08         |
| 600-5M-25                                                                       | 120             | 600          | 23.6 | 0.13         |
| 605-5M-9                                                                        | 121             | 605          | 23.8 | 0.05         |
| 605-5M-15                                                                       | 121             | 605          | 23.8 | 0.08         |
| 605-5M-25                                                                       | 121             | 605          | 23.8 | 0.14         |
| 610-5M-9                                                                        | 122             | 610          | 24.0 | 0.05         |
| 610-5M-15                                                                       | 122             | 610          | 24.0 | 0.08         |
| 610-5M-25                                                                       | 122             | 610          | 24.0 | 0.14         |
| 615-5M-9                                                                        | 123             | 615          | 24.2 | 0.05         |
| 615-5M-15                                                                       | 123             | 615          | 24.2 | 0.08         |
| 615-5M-25                                                                       | 123             | 615          | 24.2 | 0.14         |
| 620-5M-9                                                                        | 124             | 620          | 24.4 | 0.05         |
| 620-5M-15                                                                       | 124             | 620          | 24.4 | 0.08         |
| 620-5M-25                                                                       | 124             | 620          | 24.4 | 0.14         |
| 625-5M-9                                                                        | 125             | 625          | 24.6 | 0.05         |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **700-5M-15** = **700** – **5M** – **15**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 625-5M-15                                                                       | 125             | 625          | 24.6 | 0.08         |
| 625-5M-25                                                                       | 125             | 625          | 24.6 | 0.14         |
| 635-5M-9                                                                        | 127             | 635          | 25.0 | 0.05         |
| 635-5M-15                                                                       | 127             | 635          | 25.0 | 0.09         |
| 635-5M-25                                                                       | 127             | 635          | 25.0 | 0.14         |
| 640-5M-9                                                                        | 128             | 640          | 25.2 | 0.05         |
| 640-5M-15                                                                       | 128             | 640          | 25.2 | 0.09         |
| 640-5M-25                                                                       | 128             | 640          | 25.2 | 0.14         |
| 645-5M-9                                                                        | 129             | 645          | 25.4 | 0.05         |
| 645-5M-15                                                                       | 129             | 645          | 25.4 | 0.09         |
| 645-5M-25                                                                       | 129             | 645          | 25.4 | 0.14         |
| 650-5M-9                                                                        | 130             | 650          | 25.6 | 0.05         |
| 650-5M-15                                                                       | 130             | 650          | 25.6 | 0.09         |
| 650-5M-25                                                                       | 130             | 650          | 25.6 | 0.15         |
| 655-5M-9                                                                        | 131             | 655          | 25.8 | 0.05         |
| 655-5M-15                                                                       | 131             | 655          | 25.8 | 0.09         |
| 655-5M-25                                                                       | 131             | 655          | 25.8 | 0.15         |
| 665-5M-9                                                                        | 133             | 665          | 26.2 | 0.05         |
| 665-5M-15                                                                       | 133             | 665          | 26.2 | 0.09         |
| 665-5M-25                                                                       | 133             | 665          | 26.2 | 0.15         |
| 670-5M-9                                                                        | 134             | 670          | 26.4 | 0.05         |
| 670-5M-15                                                                       | 134             | 670          | 26.4 | 0.09         |
| 670-5M-25                                                                       | 134             | 670          | 26.4 | 0.15         |
| 675-5M-9                                                                        | 135             | 675          | 26.6 | 0.05         |
| 675-5M-15                                                                       | 135             | 675          | 26.6 | 0.09         |
| 675-5M-25                                                                       | 135             | 675          | 26.6 | 0.15         |
| 685-5M-9                                                                        | 137             | 685          | 27.0 | 0.06         |
| 685-5M-15                                                                       | 137             | 685          | 27.0 | 0.09         |
| 685-5M-25                                                                       | 137             | 685          | 27.0 | 0.15         |
| 690-5M-9                                                                        | 138             | 690          | 27.2 | 0.06         |
| 690-5M-15                                                                       | 138             | 690          | 27.2 | 0.09         |
| 690-5M-25                                                                       | 138             | 690          | 27.2 | 0.15         |
| 695-5M-9                                                                        | 139             | 695          | 27.4 | 0.06         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 695-5M-15                                                                       | 139             | 695          | 27.4 | 0.09         |
| 695-5M-25                                                                       | 139             | 695          | 27.4 | 0.16         |
| 700-5M-9                                                                        | 140             | 700          | 27.6 | 0.06         |
| 700-5M-15                                                                       | 140             | 700          | 27.6 | 0.09         |
| 700-5M-25                                                                       | 140             | 700          | 27.6 | 0.16         |
| 710-5M-9                                                                        | 142             | 710          | 28.0 | 0.06         |
| 710-5M-15                                                                       | 142             | 710          | 28.0 | 0.10         |
| 710-5M-25                                                                       | 142             | 710          | 28.0 | 0.16         |
| 720-5M-9                                                                        | 144             | 720          | 28.3 | 0.06         |
| 720-5M-15                                                                       | 144             | 720          | 28.3 | 0.10         |
| 720-5M-25                                                                       | 144             | 720          | 28.3 | 0.16         |
| 725-5M-9                                                                        | 145             | 725          | 28.5 | 0.06         |
| 725-5M-15                                                                       | 145             | 725          | 28.5 | 0.10         |
| 725-5M-25                                                                       | 145             | 725          | 28.5 | 0.16         |
| 740-5M-9                                                                        | 148             | 740          | 29.1 | 0.06         |
| 740-5M-15                                                                       | 148             | 740          | 29.1 | 0.10         |
| 740-5M-25                                                                       | 148             | 740          | 29.1 | 0.17         |
| 750-5M-9                                                                        | 150             | 750          | 29.5 | 0.06         |
| 750-5M-15                                                                       | 150             | 750          | 29.5 | 0.10         |
| 750-5M-25                                                                       | 150             | 750          | 29.5 | 0.17         |
| 755-5M-9                                                                        | 151             | 755          | 29.7 | 0.06         |
| 755-5M-15                                                                       | 151             | 755          | 29.7 | 0.10         |
| 755-5M-25                                                                       | 151             | 755          | 29.7 | 0.17         |
| 770-5M-9                                                                        | 154             | 770          | 30.3 | 0.06         |
| 770-5M-15                                                                       | 154             | 770          | 30.3 | 0.10         |
| 770-5M-25                                                                       | 154             | 770          | 30.3 | 0.17         |
| 775-5M-9                                                                        | 155             | 775          | 30.5 | 0.06         |
| 775-5M-15                                                                       | 155             | 775          | 30.5 | 0.10         |
| 775-5M-25                                                                       | 155             | 775          | 30.5 | 0.17         |
| 780-5M-9                                                                        | 156             | 780          | 30.7 | 0.06         |
| 780-5M-15                                                                       | 156             | 780          | 30.7 | 0.10         |
| 780-5M-25                                                                       | 156             | 780          | 30.7 | 0.17         |
| 790-5M-9                                                                        | 158             | 790          | 31.1 | 0.06         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT Part Numbers

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 790-5M-15                                                                       | 158             | 790          | 31.1 | 0.11         |
| 790-5M-25                                                                       | 158             | 790          | 31.1 | 0.18         |
| 800-5M-9                                                                        | 160             | 800          | 31.5 | 0.06         |
| 800-5M-15                                                                       | 160             | 800          | 31.5 | 0.11         |
| 800-5M-25                                                                       | 160             | 800          | 31.5 | 0.18         |
| 810-5M-9                                                                        | 162             | 810          | 31.9 | 0.06         |
| 810-5M-15                                                                       | 162             | 810          | 31.9 | 0.11         |
| 810-5M-25                                                                       | 162             | 810          | 31.9 | 0.18         |
| 825-5M-9                                                                        | 165             | 825          | 32.5 | 0.07         |
| 825-5M-15                                                                       | 165             | 825          | 32.5 | 0.11         |
| 825-5M-25                                                                       | 165             | 825          | 32.5 | 0.18         |
| 835-5M-9                                                                        | 167             | 835          | 32.9 | 0.07         |
| 835-5M-15                                                                       | 167             | 835          | 32.9 | 0.11         |
| 835-5M-25                                                                       | 167             | 835          | 32.9 | 0.19         |
| 850-5M-9                                                                        | 170             | 850          | 33.5 | 0.07         |
| 850-5M-15                                                                       | 170             | 850          | 33.5 | 0.11         |
| 850-5M-25                                                                       | 170             | 850          | 33.5 | 0.19         |
| 860-5M-9                                                                        | 172             | 860          | 33.9 | 0.07         |
| 860-5M-15                                                                       | 172             | 860          | 33.9 | 0.12         |
| 860-5M-25                                                                       | 172             | 860          | 33.9 | 0.19         |
| 870-5M-9                                                                        | 174             | 870          | 34.3 | 0.07         |
| 870-5M-15                                                                       | 174             | 870          | 34.3 | 0.12         |
| 870-5M-25                                                                       | 174             | 870          | 34.3 | 0.19         |
| 890-5M-9                                                                        | 178             | 890          | 35.0 | 0.07         |
| 890-5M-15                                                                       | 178             | 890          | 35.0 | 0.12         |
| 890-5M-25                                                                       | 178             | 890          | 35.0 | 0.20         |
| 900-5M-9                                                                        | 180             | 900          | 35.4 | 0.07         |
| 900-5M-15                                                                       | 180             | 900          | 35.4 | 0.12         |
| 900-5M-25                                                                       | 180             | 900          | 35.4 | 0.20         |
| 920-5M-9                                                                        | 184             | 920          | 36.2 | 0.07         |
| 920-5M-15                                                                       | 184             | 920          | 36.2 | 0.12         |
| 920-5M-25                                                                       | 184             | 920          | 36.2 | 0.21         |
| 925-5M-9                                                                        | 185             | 925          | 36.4 | 0.07         |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |      |                 |
| 925-5M-15                                                                          | 185                | 925          | 36.4 | 0.12            |
| 925-5M-25                                                                          | 185                | 925          | 36.4 | 0.21            |
| 935-5M-9                                                                           | 187                | 935          | 36.8 | 0.08            |
| 935-5M-15                                                                          | 187                | 935          | 36.8 | 0.13            |
| 935-5M-25                                                                          | 187                | 935          | 36.8 | 0.21            |
| 940-5M-9                                                                           | 188                | 940          | 37.0 | 0.08            |
| 940-5M-15                                                                          | 188                | 940          | 37.0 | 0.13            |
| 940-5M-25                                                                          | 188                | 940          | 37.0 | 0.21            |
| 950-5M-9                                                                           | 190                | 950          | 37.4 | 0.08            |
| 950-5M-15                                                                          | 190                | 950          | 37.4 | 0.13            |
| 950-5M-25                                                                          | 190                | 950          | 37.4 | 0.21            |
| 960-5M-9                                                                           | 192                | 960          | 37.8 | 0.08            |
| 960-5M-15                                                                          | 192                | 960          | 37.8 | 0.13            |
| 960-5M-25                                                                          | 192                | 960          | 37.8 | 0.21            |
| 965-5M-9                                                                           | 193                | 965          | 38.0 | 0.08            |
| 965-5M-15                                                                          | 193                | 965          | 38.0 | 0.13            |
| 965-5M-25                                                                          | 193                | 965          | 38.0 | 0.22            |
| 975-5M-9                                                                           | 195                | 975          | 38.4 | 0.08            |
| 975-5M-15                                                                          | 195                | 975          | 38.4 | 0.13            |
| 975-5M-25                                                                          | 195                | 975          | 38.4 | 0.22            |
| 980-5M-9                                                                           | 196                | 980          | 38.6 | 0.08            |
| 980-5M-15                                                                          | 196                | 980          | 38.6 | 0.13            |
| 980-5M-25                                                                          | 196                | 980          | 38.6 | 0.22            |
| 1000-5M-9                                                                          | 200                | 1000         | 39.4 | 0.08            |
| 1000-5M-15                                                                         | 200                | 1000         | 39.4 | 0.13            |
| 1000-5M-25                                                                         | 200                | 1000         | 39.4 | 0.22            |
| 1025-5M-9                                                                          | 205                | 1025         | 40.4 | 0.08            |
| 1025-5M-15                                                                         | 205                | 1025         | 40.4 | 0.14            |
| 1025-5M-25                                                                         | 205                | 1025         | 40.4 | 0.23            |
| 1050-5M-9                                                                          | 210                | 1050         | 41.3 | 0.08            |
| 1050-5M-15                                                                         | 210                | 1050         | 41.3 | 0.14            |
| 1050-5M-25                                                                         | 210                | 1050         | 41.3 | 0.23            |
| 1100-5M-9                                                                          | 220                | 1100         | 43.3 | 0.09            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **1300-5M-25** = **1300** – **5M** – **25**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 1100-5M-15                                                                      | 220             | 1100         | 43.3 | 0.15         |
| 1100-5M-25                                                                      | 220             | 1100         | 43.3 | 0.25         |
| 1115-5M-9                                                                       | 223             | 1115         | 43.9 | 0.09         |
| 1115-5M-15                                                                      | 223             | 1115         | 43.9 | 0.15         |
| 1115-5M-25                                                                      | 223             | 1115         | 43.9 | 0.25         |
| 1125-5M-9                                                                       | 225             | 1125         | 44.3 | 0.09         |
| 1125-5M-15                                                                      | 225             | 1125         | 44.3 | 0.15         |
| 1125-5M-25                                                                      | 225             | 1125         | 44.3 | 0.25         |
| 1145-5M-9                                                                       | 229             | 1145         | 45.1 | 0.09         |
| 1145-5M-15                                                                      | 229             | 1145         | 45.1 | 0.15         |
| 1145-5M-25                                                                      | 229             | 1145         | 45.1 | 0.26         |
| 1175-5M-9                                                                       | 235             | 1175         | 46.3 | 0.09         |
| 1175-5M-15                                                                      | 235             | 1175         | 46.3 | 0.16         |
| 1175-5M-25                                                                      | 235             | 1175         | 46.3 | 0.26         |
| 1180-5M-9                                                                       | 236             | 1180         | 46.5 | 0.09         |
| 1180-5M-15                                                                      | 236             | 1180         | 46.5 | 0.16         |
| 1180-5M-25                                                                      | 236             | 1180         | 46.5 | 0.26         |
| 1195-5M-9                                                                       | 239             | 1195         | 47.0 | 0.10         |
| 1195-5M-15                                                                      | 239             | 1195         | 47.0 | 0.16         |
| 1195-5M-25                                                                      | 239             | 1195         | 47.0 | 0.27         |
| 1200-5M-9                                                                       | 240             | 1200         | 47.2 | 0.10         |
| 1200-5M-15                                                                      | 240             | 1200         | 47.2 | 0.16         |
| 1200-5M-25                                                                      | 240             | 1200         | 47.2 | 0.27         |
| 1210-5M-9                                                                       | 242             | 1210         | 47.6 | 0.10         |
| 1210-5M-15                                                                      | 242             | 1210         | 47.6 | 0.16         |
| 1210-5M-25                                                                      | 242             | 1210         | 47.6 | 0.27         |
| 1250-5M-9                                                                       | 250             | 1250         | 49.2 | 0.10         |
| 1250-5M-15                                                                      | 250             | 1250         | 49.2 | 0.17         |
| 1250-5M-25                                                                      | 250             | 1250         | 49.2 | 0.28         |
| 1270-5M-9                                                                       | 254             | 1270         | 50.0 | 0.10         |
| 1270-5M-15                                                                      | 254             | 1270         | 50.0 | 0.17         |
| 1270-5M-25                                                                      | 254             | 1270         | 50.0 | 0.28         |
| 1290-5M-9                                                                       | 258             | 1290         | 50.8 | 0.10         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm) |                 |              |      |              |
| 1290-5M-15                                                                      | 258             | 1290         | 50.8 | 0.17         |
| 1290-5M-25                                                                      | 258             | 1290         | 50.8 | 0.29         |
| 1295-5M-9                                                                       | 259             | 1295         | 51.0 | 0.10         |
| 1295-5M-15                                                                      | 259             | 1295         | 51.0 | 0.17         |
| 1295-5M-25                                                                      | 259             | 1295         | 51.0 | 0.29         |
| 1300-5M-9                                                                       | 260             | 1300         | 51.2 | 0.10         |
| 1300-5M-15                                                                      | 260             | 1300         | 51.2 | 0.17         |
| 1300-5M-25                                                                      | 260             | 1300         | 51.2 | 0.29         |
| 1340-5M-9                                                                       | 268             | 1340         | 52.8 | 0.11         |
| 1340-5M-15                                                                      | 268             | 1340         | 52.8 | 0.18         |
| 1340-5M-25                                                                      | 268             | 1340         | 52.8 | 0.30         |
| 1350-5M-9                                                                       | 270             | 1350         | 53.1 | 0.11         |
| 1350-5M-15                                                                      | 270             | 1350         | 53.1 | 0.18         |
| 1350-5M-25                                                                      | 270             | 1350         | 53.1 | 0.30         |
| 1375-5M-9                                                                       | 275             | 1375         | 54.1 | 0.11         |
| 1375-5M-15                                                                      | 275             | 1375         | 54.1 | 0.18         |
| 1375-5M-25                                                                      | 275             | 1375         | 54.1 | 0.31         |
| 1420-5M-9                                                                       | 284             | 1420         | 55.9 | 0.11         |
| 1420-5M-15                                                                      | 284             | 1420         | 55.9 | 0.19         |
| 1420-5M-25                                                                      | 284             | 1420         | 55.9 | 0.32         |
| 1450-5M-9                                                                       | 290             | 1450         | 57.1 | 0.12         |
| 1450-5M-15                                                                      | 290             | 1450         | 57.1 | 0.19         |
| 1450-5M-25                                                                      | 290             | 1450         | 57.1 | 0.32         |
| 1500-5M-9                                                                       | 300             | 1500         | 59.1 | 0.12         |
| 1500-5M-15                                                                      | 300             | 1500         | 59.1 | 0.20         |
| 1500-5M-25                                                                      | 300             | 1500         | 59.1 | 0.34         |
| 1595-5M-9                                                                       | 319             | 1595         | 62.8 | 0.13         |
| 1595-5M-15                                                                      | 319             | 1595         | 62.8 | 0.21         |
| 1595-5M-25                                                                      | 319             | 1595         | 62.8 | 0.36         |
| 1600-5M-9                                                                       | 320             | 1600         | 63.0 | 0.13         |
| 1600-5M-15                                                                      | 320             | 1600         | 63.0 | 0.21         |
| 1600-5M-25                                                                      | 320             | 1600         | 63.0 | 0.36         |
| 1685-5M-9                                                                       | 337             | 1685         | 66.3 | 0.14         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                    |                    | (mm)         | (in)  |                 |
| 5M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |       |                 |
| 1685-5M-15                                                                         | 337                | 1685         | 66.3  | 0.23            |
| 1685-5M-25                                                                         | 337                | 1685         | 66.3  | 0.38            |
| 1690-5M-9                                                                          | 338                | 1690         | 66.5  | 0.14            |
| 1690-5M-15                                                                         | 338                | 1690         | 66.5  | 0.23            |
| 1690-5M-25                                                                         | 338                | 1690         | 66.5  | 0.38            |
| 1790-5M-9                                                                          | 358                | 1790         | 70.5  | 0.14            |
| 1790-5M-15                                                                         | 358                | 1790         | 70.5  | 0.24            |
| 1790-5M-25                                                                         | 358                | 1790         | 70.5  | 0.40            |
| 1800-5M-9                                                                          | 360                | 1800         | 70.9  | 0.14            |
| 1800-5M-15                                                                         | 360                | 1800         | 70.9  | 0.24            |
| 1800-5M-25                                                                         | 360                | 1800         | 70.9  | 0.40            |
| 1895-5M-9                                                                          | 379                | 1895         | 74.6  | 0.15            |
| 1895-5M-15                                                                         | 379                | 1895         | 74.6  | 0.25            |
| 1895-5M-25                                                                         | 379                | 1895         | 74.6  | 0.42            |
| 2000-5M-9                                                                          | 400                | 2000         | 78.7  | 0.16            |
| 2000-5M-15                                                                         | 400                | 2000         | 78.7  | 0.27            |
| 2000-5M-25                                                                         | 400                | 2000         | 78.7  | 0.45            |
| 2100-5M-9                                                                          | 420                | 2100         | 82.7  | 0.17            |
| 2100-5M-15                                                                         | 420                | 2100         | 82.7  | 0.28            |
| 2100-5M-25                                                                         | 420                | 2100         | 82.7  | 0.47            |
| 2350-5M-9                                                                          | 470                | 2350         | 92.5  | 0.19            |
| 2350-5M-15                                                                         | 470                | 2350         | 92.5  | 0.32            |
| 2350-5M-25                                                                         | 470                | 2350         | 92.5  | 0.53            |
| 2525-5M-9                                                                          | 505                | 2525         | 99.4  | 0.20            |
| 2525-5M-15                                                                         | 505                | 2525         | 99.4  | 0.34            |
| 2525-5M-25                                                                         | 505                | 2525         | 99.4  | 0.56            |
| 2635-5M-9                                                                          | 527                | 2635         | 103.7 | 0.21            |
| 2635-5M-15                                                                         | 527                | 2635         | 103.7 | 0.35            |
| 2635-5M-25                                                                         | 527                | 2635         | 103.7 | 0.59            |
| 4260-5M-9                                                                          | 852                | 4260         | 167.7 | 0.34            |
| 4260-5M-15                                                                         | 852                | 4260         | 167.7 | 0.57            |
| 4260-5M-25                                                                         | 852                | 4260         | 167.7 | 0.95            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (5mm) |                    |              |      |                 |
| 288-8M-20                                                                          | 36                 | 288          | 11.3 | 0.07            |
| 288-8M-30                                                                          | 36                 | 288          | 11.3 | 0.11            |
| 288-8M-50                                                                          | 36                 | 288          | 11.3 | 0.18            |
| 288-8M-85                                                                          | 36                 | 288          | 11.3 | 0.32            |
| 320-8M-20                                                                          | 40                 | 320          | 12.6 | 0.08            |
| 320-8M-30                                                                          | 40                 | 320          | 12.6 | 0.12            |
| 320-8M-50                                                                          | 40                 | 320          | 12.6 | 0.19            |
| 320-8M-85                                                                          | 40                 | 320          | 12.6 | 0.33            |
| 368-8M-20                                                                          | 46                 | 368          | 14.5 | 0.09            |
| 368-8M-30                                                                          | 46                 | 368          | 14.5 | 0.13            |
| 368-8M-50                                                                          | 46                 | 368          | 14.5 | 0.22            |
| 368-8M-85                                                                          | 46                 | 368          | 14.5 | 0.38            |
| 400-8M-20                                                                          | 50                 | 400          | 15.7 | 0.10            |
| 400-8M-30                                                                          | 50                 | 400          | 15.7 | 0.14            |
| 400-8M-50                                                                          | 50                 | 400          | 15.7 | 0.24            |
| 400-8M-85                                                                          | 50                 | 400          | 15.7 | 0.41            |
| 408-8M-20                                                                          | 51                 | 408          | 16.1 | 0.10            |
| 408-8M-30                                                                          | 51                 | 408          | 16.1 | 0.15            |
| 408-8M-50                                                                          | 51                 | 408          | 16.1 | 0.25            |
| 408-8M-85                                                                          | 51                 | 408          | 16.1 | 0.42            |
| 424-8M-20                                                                          | 53                 | 424          | 16.7 | 0.10            |
| 424-8M-30                                                                          | 53                 | 424          | 16.7 | 0.15            |
| 424-8M-50                                                                          | 53                 | 424          | 16.7 | 0.26            |
| 424-8M-85                                                                          | 53                 | 424          | 16.7 | 0.44            |
| 440-8M-20                                                                          | 55                 | 440          | 17.3 | 0.11            |
| 440-8M-30                                                                          | 55                 | 440          | 17.3 | 0.16            |
| 440-8M-50                                                                          | 55                 | 440          | 17.3 | 0.27            |
| 440-8M-85                                                                          | 55                 | 440          | 17.3 | 0.45            |
| 448-8M-20                                                                          | 56                 | 448          | 17.6 | 0.11            |
| 448-8M-30                                                                          | 56                 | 448          | 17.6 | 0.16            |
| 448-8M-50                                                                          | 56                 | 448          | 17.6 | 0.27            |
| 448-8M-85                                                                          | 56                 | 448          | 17.6 | 0.46            |
| 480-8M-20                                                                          | 60                 | 480          | 18.9 | 0.12            |



# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **600-8M-85** = **600** – **8M** – **85**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 480-8M-30                                                                       | 60              | 480          | 18.9 | 0.17         |
| 480-8M-50                                                                       | 60              | 480          | 18.9 | 0.29         |
| 480-8M-85                                                                       | 60              | 480          | 18.9 | 0.49         |
| 512-8M-20                                                                       | 64              | 512          | 20.2 | 0.12         |
| 512-8M-30                                                                       | 64              | 512          | 20.2 | 0.19         |
| 512-8M-50                                                                       | 64              | 512          | 20.2 | 0.31         |
| 512-8M-85                                                                       | 64              | 512          | 20.2 | 0.53         |
| 520-8M-20                                                                       | 65              | 520          | 20.5 | 0.13         |
| 520-8M-30                                                                       | 65              | 520          | 20.5 | 0.19         |
| 520-8M-50                                                                       | 65              | 520          | 20.5 | 0.31         |
| 520-8M-85                                                                       | 65              | 520          | 20.5 | 0.53         |
| 536-8M-20                                                                       | 67              | 536          | 21.1 | 0.13         |
| 536-8M-30                                                                       | 67              | 536          | 21.1 | 0.19         |
| 536-8M-50                                                                       | 67              | 536          | 21.1 | 0.32         |
| 536-8M-85                                                                       | 67              | 536          | 21.1 | 0.55         |
| 544-8M-20                                                                       | 68              | 544          | 21.4 | 0.13         |
| 544-8M-30                                                                       | 68              | 544          | 21.4 | 0.20         |
| 544-8M-50                                                                       | 68              | 544          | 21.4 | 0.33         |
| 544-8M-85                                                                       | 68              | 544          | 21.4 | 0.56         |
| 560-8M-20                                                                       | 70              | 560          | 22.0 | 0.14         |
| 560-8M-30                                                                       | 70              | 560          | 22.0 | 0.20         |
| 560-8M-50                                                                       | 70              | 560          | 22.0 | 0.34         |
| 560-8M-85                                                                       | 70              | 560          | 22.0 | 0.57         |
| 568-8M-20                                                                       | 71              | 568          | 22.4 | 0.14         |
| 568-8M-30                                                                       | 71              | 568          | 22.4 | 0.21         |
| 568-8M-50                                                                       | 71              | 568          | 22.4 | 0.34         |
| 568-8M-85                                                                       | 71              | 568          | 22.4 | 0.58         |
| 576-8M-20                                                                       | 72              | 576          | 22.7 | 0.14         |
| 576-8M-30                                                                       | 72              | 576          | 22.7 | 0.21         |
| 576-8M-50                                                                       | 72              | 576          | 22.7 | 0.35         |
| 576-8M-85                                                                       | 72              | 576          | 22.7 | 0.59         |
| 584-8M-20                                                                       | 73              | 584          | 23.0 | 0.14         |
| 584-8M-30                                                                       | 73              | 584          | 23.0 | 0.21         |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 584-8M-50                                                                          | 73                 | 584          | 23.0 | 0.35            |
| 584-8M-85                                                                          | 73                 | 584          | 23.0 | 0.60            |
| 592-8M-20                                                                          | 74                 | 592          | 23.3 | 0.14            |
| 592-8M-30                                                                          | 74                 | 592          | 23.3 | 0.21            |
| 592-8M-50                                                                          | 74                 | 592          | 23.3 | 0.36            |
| 592-8M-85                                                                          | 74                 | 592          | 23.3 | 0.61            |
| 600-8M-20                                                                          | 75                 | 600          | 23.6 | 0.14            |
| 600-8M-30                                                                          | 75                 | 600          | 23.6 | 0.22            |
| 600-8M-50                                                                          | 75                 | 600          | 23.6 | 0.36            |
| 600-8M-85                                                                          | 75                 | 600          | 23.6 | 0.62            |
| 608-8M-20                                                                          | 76                 | 608          | 23.9 | 0.15            |
| 608-8M-30                                                                          | 76                 | 608          | 23.9 | 0.22            |
| 608-8M-50                                                                          | 76                 | 608          | 23.9 | 0.37            |
| 608-8M-85                                                                          | 76                 | 608          | 23.9 | 0.62            |
| 624-8M-20                                                                          | 78                 | 624          | 24.6 | 0.15            |
| 624-8M-30                                                                          | 78                 | 624          | 24.6 | 0.23            |
| 624-8M-50                                                                          | 78                 | 624          | 24.6 | 0.38            |
| 624-8M-85                                                                          | 78                 | 624          | 24.6 | 0.64            |
| 632-8M-20                                                                          | 79                 | 632          | 24.9 | 0.15            |
| 632-8M-30                                                                          | 79                 | 632          | 24.9 | 0.23            |
| 632-8M-50                                                                          | 79                 | 632          | 24.9 | 0.38            |
| 632-8M-85                                                                          | 79                 | 632          | 24.9 | 0.65            |
| 640-8M-20                                                                          | 80                 | 640          | 25.2 | 0.15            |
| 640-8M-30                                                                          | 80                 | 640          | 25.2 | 0.23            |
| 640-8M-50                                                                          | 80                 | 640          | 25.2 | 0.39            |
| 640-8M-85                                                                          | 80                 | 640          | 25.2 | 0.66            |
| 648-8M-20                                                                          | 81                 | 648          | 25.5 | 0.16            |
| 648-8M-30                                                                          | 81                 | 648          | 25.5 | 0.23            |
| 648-8M-50                                                                          | 81                 | 648          | 25.5 | 0.39            |
| 648-8M-85                                                                          | 81                 | 648          | 25.5 | 0.67            |
| 656-8M-20                                                                          | 82                 | 656          | 25.8 | 0.16            |
| 656-8M-30                                                                          | 82                 | 656          | 25.8 | 0.24            |
| 656-8M-50                                                                          | 82                 | 656          | 25.8 | 0.40            |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT Part Numbers

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 656-8M-85                                                                       | 82              | 656          | 25.8 | 0.67         |
| 680-8M-20                                                                       | 85              | 680          | 26.8 | 0.16         |
| 680-8M-30                                                                       | 85              | 680          | 26.8 | 0.25         |
| 680-8M-50                                                                       | 85              | 680          | 26.8 | 0.41         |
| 680-8M-85                                                                       | 85              | 680          | 26.8 | 0.70         |
| 688-8M-20                                                                       | 86              | 688          | 27.1 | 0.17         |
| 688-8M-30                                                                       | 86              | 688          | 27.1 | 0.25         |
| 688-8M-50                                                                       | 86              | 688          | 27.1 | 0.42         |
| 688-8M-85                                                                       | 86              | 688          | 27.1 | 0.71         |
| 696-8M-20                                                                       | 87              | 696          | 27.4 | 0.17         |
| 696-8M-30                                                                       | 87              | 696          | 27.4 | 0.25         |
| 696-8M-50                                                                       | 87              | 696          | 27.4 | 0.42         |
| 696-8M-85                                                                       | 87              | 696          | 27.4 | 0.71         |
| 712-8M-20                                                                       | 89              | 712          | 28.0 | 0.17         |
| 712-8M-30                                                                       | 89              | 712          | 28.0 | 0.26         |
| 712-8M-50                                                                       | 89              | 712          | 28.0 | 0.43         |
| 712-8M-85                                                                       | 89              | 712          | 28.0 | 0.73         |
| 720-8M-20                                                                       | 90              | 720          | 28.3 | 0.17         |
| 720-8M-30                                                                       | 90              | 720          | 28.3 | 0.26         |
| 720-8M-50                                                                       | 90              | 720          | 28.3 | 0.43         |
| 720-8M-85                                                                       | 90              | 720          | 28.3 | 0.74         |
| 760-8M-20                                                                       | 95              | 760          | 29.9 | 0.18         |
| 760-8M-30                                                                       | 95              | 760          | 29.9 | 0.28         |
| 760-8M-50                                                                       | 95              | 760          | 29.9 | 0.46         |
| 760-8M-85                                                                       | 95              | 760          | 29.9 | 0.78         |
| 768-8M-20                                                                       | 96              | 768          | 30.2 | 0.19         |
| 768-8M-30                                                                       | 96              | 768          | 30.2 | 0.28         |
| 768-8M-50                                                                       | 96              | 768          | 30.2 | 0.46         |
| 768-8M-85                                                                       | 96              | 768          | 30.2 | 0.79         |
| 776-8M-20                                                                       | 97              | 776          | 30.6 | 0.19         |
| 776-8M-30                                                                       | 97              | 776          | 30.6 | 0.28         |
| 776-8M-50                                                                       | 97              | 776          | 30.6 | 0.47         |
| 776-8M-85                                                                       | 97              | 776          | 30.6 | 0.80         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 784-8M-20                                                                       | 98              | 784          | 30.9 | 0.19         |
| 784-8M-30                                                                       | 98              | 784          | 30.9 | 0.28         |
| 784-8M-50                                                                       | 98              | 784          | 30.9 | 0.47         |
| 784-8M-85                                                                       | 98              | 784          | 30.9 | 0.80         |
| 792-8M-20                                                                       | 99              | 792          | 31.2 | 0.19         |
| 792-8M-30                                                                       | 99              | 792          | 31.2 | 0.29         |
| 792-8M-50                                                                       | 99              | 792          | 31.2 | 0.48         |
| 792-8M-85                                                                       | 99              | 792          | 31.2 | 0.81         |
| 800-8M-20                                                                       | 100             | 800          | 31.5 | 0.19         |
| 800-8M-30                                                                       | 100             | 800          | 31.5 | 0.29         |
| 800-8M-50                                                                       | 100             | 800          | 31.5 | 0.48         |
| 800-8M-85                                                                       | 100             | 800          | 31.5 | 0.82         |
| 816-8M-20                                                                       | 102             | 816          | 32.1 | 0.20         |
| 816-8M-30                                                                       | 102             | 816          | 32.1 | 0.30         |
| 816-8M-50                                                                       | 102             | 816          | 32.1 | 0.49         |
| 816-8M-85                                                                       | 102             | 816          | 32.1 | 0.84         |
| 824-8M-20                                                                       | 103             | 824          | 32.4 | 0.20         |
| 824-8M-30                                                                       | 103             | 824          | 32.4 | 0.30         |
| 824-8M-50                                                                       | 103             | 824          | 32.4 | 0.50         |
| 824-8M-85                                                                       | 103             | 824          | 32.4 | 0.85         |
| 840-8M-20                                                                       | 105             | 840          | 33.1 | 0.20         |
| 840-8M-30                                                                       | 105             | 840          | 33.1 | 0.30         |
| 840-8M-50                                                                       | 105             | 840          | 33.1 | 0.51         |
| 840-8M-85                                                                       | 105             | 840          | 33.1 | 0.86         |
| 848-8M-20                                                                       | 106             | 848          | 33.4 | 0.20         |
| 848-8M-30                                                                       | 106             | 848          | 33.4 | 0.31         |
| 848-8M-50                                                                       | 106             | 848          | 33.4 | 0.51         |
| 848-8M-85                                                                       | 106             | 848          | 33.4 | 0.87         |
| 856-8M-20                                                                       | 107             | 856          | 33.7 | 0.21         |
| 856-8M-30                                                                       | 107             | 856          | 33.7 | 0.31         |
| 856-8M-50                                                                       | 107             | 856          | 33.7 | 0.52         |
| 856-8M-85                                                                       | 107             | 856          | 33.7 | 0.88         |
| 864-8M-20                                                                       | 108             | 864          | 34.0 | 0.21         |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **1000-8M-50** = **1000** - **8M** - **50**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 864-8M-30                                                                       | 108             | 864          | 34.0 | 0.31         |
| 864-8M-50                                                                       | 108             | 864          | 34.0 | 0.52         |
| 864-8M-85                                                                       | 108             | 864          | 34.0 | 0.89         |
| 880-8M-20                                                                       | 110             | 880          | 34.6 | 0.21         |
| 880-8M-30                                                                       | 110             | 880          | 34.6 | 0.32         |
| 880-8M-50                                                                       | 110             | 880          | 34.6 | 0.53         |
| 880-8M-85                                                                       | 110             | 880          | 34.6 | 0.90         |
| 896-8M-20                                                                       | 112             | 896          | 35.3 | 0.22         |
| 896-8M-30                                                                       | 112             | 896          | 35.3 | 0.32         |
| 896-8M-50                                                                       | 112             | 896          | 35.3 | 0.54         |
| 896-8M-85                                                                       | 112             | 896          | 35.3 | 0.92         |
| 912-8M-20                                                                       | 114             | 912          | 35.9 | 0.22         |
| 912-8M-30                                                                       | 114             | 912          | 35.9 | 0.33         |
| 912-8M-50                                                                       | 114             | 912          | 35.9 | 0.55         |
| 912-8M-85                                                                       | 114             | 912          | 35.9 | 0.94         |
| 920-8M-20                                                                       | 115             | 920          | 36.2 | 0.22         |
| 920-8M-30                                                                       | 115             | 920          | 36.2 | 0.33         |
| 920-8M-50                                                                       | 115             | 920          | 36.2 | 0.56         |
| 920-8M-85                                                                       | 115             | 920          | 36.2 | 0.94         |
| 928-8M-20                                                                       | 116             | 928          | 36.5 | 0.22         |
| 928-8M-30                                                                       | 116             | 928          | 36.5 | 0.34         |
| 928-8M-50                                                                       | 116             | 928          | 36.5 | 0.56         |
| 928-8M-85                                                                       | 116             | 928          | 36.5 | 0.95         |
| 936-8M-20                                                                       | 117             | 936          | 36.9 | 0.23         |
| 936-8M-30                                                                       | 117             | 936          | 36.9 | 0.34         |
| 936-8M-50                                                                       | 117             | 936          | 36.9 | 0.57         |
| 936-8M-85                                                                       | 117             | 936          | 36.9 | 0.96         |
| 944-8M-20                                                                       | 118             | 944          | 37.2 | 0.23         |
| 944-8M-30                                                                       | 118             | 944          | 37.2 | 0.34         |
| 944-8M-50                                                                       | 118             | 944          | 37.2 | 0.57         |
| 944-8M-85                                                                       | 118             | 944          | 37.2 | 0.97         |
| 952-8M-20                                                                       | 119             | 952          | 37.5 | 0.23         |
| 952-8M-30                                                                       | 119             | 952          | 37.5 | 0.34         |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 952-8M-50                                                                       | 119             | 952          | 37.5 | 0.57         |
| 952-8M-85                                                                       | 119             | 952          | 37.5 | 0.98         |
| 960-8M-20                                                                       | 120             | 960          | 37.8 | 0.23         |
| 960-8M-30                                                                       | 120             | 960          | 37.8 | 0.35         |
| 960-8M-50                                                                       | 120             | 960          | 37.8 | 0.58         |
| 960-8M-85                                                                       | 120             | 960          | 37.8 | 0.99         |
| 968-8M-20                                                                       | 121             | 968          | 38.1 | 0.23         |
| 968-8M-30                                                                       | 121             | 968          | 38.1 | 0.35         |
| 968-8M-50                                                                       | 121             | 968          | 38.1 | 0.58         |
| 968-8M-85                                                                       | 121             | 968          | 38.1 | 0.99         |
| 976-8M-20                                                                       | 122             | 976          | 38.4 | 0.24         |
| 976-8M-30                                                                       | 122             | 976          | 38.4 | 0.35         |
| 976-8M-50                                                                       | 122             | 976          | 38.4 | 0.59         |
| 976-8M-85                                                                       | 122             | 976          | 38.4 | 1.00         |
| 1000-8M-20                                                                      | 125             | 1000         | 39.4 | 0.24         |
| 1000-8M-30                                                                      | 125             | 1000         | 39.4 | 0.36         |
| 1000-8M-50                                                                      | 125             | 1000         | 39.4 | 0.60         |
| 1000-8M-85                                                                      | 125             | 1000         | 39.4 | 1.03         |
| 1016-8M-20                                                                      | 127             | 1016         | 40.0 | 0.25         |
| 1016-8M-30                                                                      | 127             | 1016         | 40.0 | 0.37         |
| 1016-8M-50                                                                      | 127             | 1016         | 40.0 | 0.61         |
| 1016-8M-85                                                                      | 127             | 1016         | 40.0 | 1.04         |
| 1024-8M-20                                                                      | 128             | 1024         | 40.3 | 0.25         |
| 1024-8M-30                                                                      | 128             | 1024         | 40.3 | 0.37         |
| 1024-8M-50                                                                      | 128             | 1024         | 40.3 | 0.62         |
| 1024-8M-85                                                                      | 128             | 1024         | 40.3 | 1.05         |
| 1040-8M-20                                                                      | 130             | 1040         | 40.9 | 0.25         |
| 1040-8M-30                                                                      | 130             | 1040         | 40.9 | 0.38         |
| 1040-8M-50                                                                      | 130             | 1040         | 40.9 | 0.63         |
| 1040-8M-85                                                                      | 130             | 1040         | 40.9 | 1.07         |
| 1056-8M-20                                                                      | 132             | 1056         | 41.6 | 0.26         |
| 1056-8M-30                                                                      | 132             | 1056         | 41.6 | 0.38         |
| 1056-8M-50                                                                      | 132             | 1056         | 41.6 | 0.64         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1056-8M-85                                                                         | 132                | 1056         | 41.6 | 1.08            |
| 1064-8M-20                                                                         | 133                | 1064         | 41.9 | 0.26            |
| 1064-8M-30                                                                         | 133                | 1064         | 41.9 | 0.39            |
| 1064-8M-50                                                                         | 133                | 1064         | 41.9 | 0.64            |
| 1064-8M-85                                                                         | 133                | 1064         | 41.9 | 1.09            |
| 1080-8M-20                                                                         | 135                | 1080         | 42.5 | 0.26            |
| 1080-8M-30                                                                         | 135                | 1080         | 42.5 | 0.39            |
| 1080-8M-50                                                                         | 135                | 1080         | 42.5 | 0.65            |
| 1080-8M-85                                                                         | 135                | 1080         | 42.5 | 1.11            |
| 1104-8M-20                                                                         | 138                | 1104         | 43.5 | 0.27            |
| 1104-8M-30                                                                         | 138                | 1104         | 43.5 | 0.40            |
| 1104-8M-50                                                                         | 138                | 1104         | 43.5 | 0.67            |
| 1104-8M-85                                                                         | 138                | 1104         | 43.5 | 1.13            |
| 1120-8M-20                                                                         | 140                | 1120         | 44.1 | 0.27            |
| 1120-8M-30                                                                         | 140                | 1120         | 44.1 | 0.41            |
| 1120-8M-50                                                                         | 140                | 1120         | 44.1 | 0.68            |
| 1120-8M-85                                                                         | 140                | 1120         | 44.1 | 1.15            |
| 1128-8M-20                                                                         | 141                | 1128         | 44.4 | 0.27            |
| 1128-8M-30                                                                         | 141                | 1128         | 44.4 | 0.41            |
| 1128-8M-50                                                                         | 141                | 1128         | 44.4 | 0.68            |
| 1128-8M-85                                                                         | 141                | 1128         | 44.4 | 1.16            |
| 1136-8M-20                                                                         | 142                | 1136         | 44.7 | 0.27            |
| 1136-8M-30                                                                         | 142                | 1136         | 44.7 | 0.41            |
| 1136-8M-50                                                                         | 142                | 1136         | 44.7 | 0.69            |
| 1136-8M-85                                                                         | 142                | 1136         | 44.7 | 1.17            |
| 1152-8M-20                                                                         | 144                | 1152         | 45.4 | 0.28            |
| 1152-8M-30                                                                         | 144                | 1152         | 45.4 | 0.42            |
| 1152-8M-50                                                                         | 144                | 1152         | 45.4 | 0.70            |
| 1152-8M-85                                                                         | 144                | 1152         | 45.4 | 1.18            |
| 1160-8M-20                                                                         | 145                | 1160         | 45.7 | 0.28            |
| 1160-8M-30                                                                         | 145                | 1160         | 45.7 | 0.42            |
| 1160-8M-50                                                                         | 145                | 1160         | 45.7 | 0.70            |
| 1160-8M-85                                                                         | 145                | 1160         | 45.7 | 1.19            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1168-8M-20                                                                         | 146                | 1168         | 46.0 | 0.28            |
| 1168-8M-30                                                                         | 146                | 1168         | 46.0 | 0.42            |
| 1168-8M-50                                                                         | 146                | 1168         | 46.0 | 0.71            |
| 1168-8M-85                                                                         | 146                | 1168         | 46.0 | 1.20            |
| 1184-8M-20                                                                         | 148                | 1184         | 46.6 | 0.29            |
| 1184-8M-30                                                                         | 148                | 1184         | 46.6 | 0.43            |
| 1184-8M-50                                                                         | 148                | 1184         | 46.6 | 0.71            |
| 1184-8M-85                                                                         | 148                | 1184         | 46.6 | 1.22            |
| 1200-8M-20                                                                         | 150                | 1200         | 47.2 | 0.29            |
| 1200-8M-30                                                                         | 150                | 1200         | 47.2 | 0.43            |
| 1200-8M-50                                                                         | 150                | 1200         | 47.2 | 0.72            |
| 1200-8M-85                                                                         | 150                | 1200         | 47.2 | 1.23            |
| 1208-8M-20                                                                         | 151                | 1208         | 47.6 | 0.29            |
| 1208-8M-30                                                                         | 151                | 1208         | 47.6 | 0.44            |
| 1208-8M-50                                                                         | 151                | 1208         | 47.6 | 0.73            |
| 1208-8M-85                                                                         | 151                | 1208         | 47.6 | 1.24            |
| 1216-8M-20                                                                         | 152                | 1216         | 47.9 | 0.29            |
| 1216-8M-30                                                                         | 152                | 1216         | 47.9 | 0.44            |
| 1216-8M-50                                                                         | 152                | 1216         | 47.9 | 0.73            |
| 1216-8M-85                                                                         | 152                | 1216         | 47.9 | 1.25            |
| 1224-8M-20                                                                         | 153                | 1224         | 48.2 | 0.30            |
| 1224-8M-30                                                                         | 153                | 1224         | 48.2 | 0.44            |
| 1224-8M-50                                                                         | 153                | 1224         | 48.2 | 0.74            |
| 1224-8M-85                                                                         | 153                | 1224         | 48.2 | 1.26            |
| 1240-8M-20                                                                         | 155                | 1240         | 48.8 | 0.30            |
| 1240-8M-30                                                                         | 155                | 1240         | 48.8 | 0.45            |
| 1240-8M-50                                                                         | 155                | 1240         | 48.8 | 0.75            |
| 1240-8M-85                                                                         | 155                | 1240         | 48.8 | 1.27            |
| 1248-8M-20                                                                         | 156                | 1248         | 49.1 | 0.30            |
| 1248-8M-30                                                                         | 156                | 1248         | 49.1 | 0.45            |
| 1248-8M-50                                                                         | 156                | 1248         | 49.1 | 0.75            |
| 1248-8M-85                                                                         | 156                | 1248         | 49.1 | 1.28            |
| 1256-8M-20                                                                         | 157                | 1256         | 49.4 | 0.30            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **1400-8M-50** = **1400** – **8M** – **50**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1256-8M-30                                                                         | 157                | 1256         | 49.4 | 0.46            |
| 1256-8M-50                                                                         | 157                | 1256         | 49.4 | 0.76            |
| 1256-8M-85                                                                         | 157                | 1256         | 49.4 | 1.29            |
| 1264-8M-20                                                                         | 158                | 1264         | 49.8 | 0.31            |
| 1264-8M-30                                                                         | 158                | 1264         | 49.8 | 0.46            |
| 1264-8M-50                                                                         | 158                | 1264         | 49.8 | 0.76            |
| 1264-8M-85                                                                         | 158                | 1264         | 49.8 | 1.30            |
| 1272-8M-20                                                                         | 159                | 1272         | 50.1 | 0.31            |
| 1272-8M-30                                                                         | 159                | 1272         | 50.1 | 0.46            |
| 1272-8M-50                                                                         | 159                | 1272         | 50.1 | 0.77            |
| 1272-8M-85                                                                         | 159                | 1272         | 50.1 | 1.31            |
| 1280-8M-20                                                                         | 160                | 1280         | 50.4 | 0.31            |
| 1280-8M-30                                                                         | 160                | 1280         | 50.4 | 0.46            |
| 1280-8M-50                                                                         | 160                | 1280         | 50.4 | 0.77            |
| 1280-8M-85                                                                         | 160                | 1280         | 50.4 | 1.31            |
| 1304-8M-20                                                                         | 163                | 1304         | 51.3 | 0.31            |
| 1304-8M-30                                                                         | 163                | 1304         | 51.3 | 0.47            |
| 1304-8M-50                                                                         | 163                | 1304         | 51.3 | 0.79            |
| 1304-8M-85                                                                         | 163                | 1304         | 51.3 | 1.34            |
| 1312-8M-20                                                                         | 164                | 1312         | 51.7 | 0.32            |
| 1312-8M-30                                                                         | 164                | 1312         | 51.7 | 0.48            |
| 1312-8M-50                                                                         | 164                | 1312         | 51.7 | 0.79            |
| 1312-8M-85                                                                         | 164                | 1312         | 51.7 | 1.35            |
| 1320-8M-20                                                                         | 165                | 1320         | 52.0 | 0.32            |
| 1320-8M-30                                                                         | 165                | 1320         | 52.0 | 0.48            |
| 1320-8M-50                                                                         | 165                | 1320         | 52.0 | 0.80            |
| 1320-8M-85                                                                         | 165                | 1320         | 52.0 | 1.36            |
| 1328-8M-20                                                                         | 166                | 1328         | 52.3 | 0.32            |
| 1328-8M-30                                                                         | 166                | 1328         | 52.3 | 0.48            |
| 1328-8M-50                                                                         | 166                | 1328         | 52.3 | 0.80            |
| 1328-8M-85                                                                         | 166                | 1328         | 52.3 | 1.36            |
| 1344-8M-20                                                                         | 168                | 1344         | 52.9 | 0.32            |
| 1344-8M-30                                                                         | 168                | 1344         | 52.9 | 0.49            |

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 1344-8M-50                                                                      | 168             | 1344         | 52.9 | 0.81         |
| 1344-8M-85                                                                      | 168             | 1344         | 52.9 | 1.38         |
| 1352-8M-20                                                                      | 169             | 1352         | 53.2 | 0.33         |
| 1352-8M-30                                                                      | 169             | 1352         | 53.2 | 0.49         |
| 1352-8M-50                                                                      | 169             | 1352         | 53.2 | 0.82         |
| 1352-8M-85                                                                      | 169             | 1352         | 53.2 | 1.39         |
| 1360-8M-20                                                                      | 170             | 1360         | 53.5 | 0.33         |
| 1360-8M-30                                                                      | 170             | 1360         | 53.5 | 0.49         |
| 1360-8M-50                                                                      | 170             | 1360         | 53.5 | 0.82         |
| 1360-8M-85                                                                      | 170             | 1360         | 53.5 | 1.40         |
| 1376-8M-20                                                                      | 172             | 1376         | 54.2 | 0.33         |
| 1376-8M-30                                                                      | 172             | 1376         | 54.2 | 0.50         |
| 1376-8M-50                                                                      | 172             | 1376         | 54.2 | 0.83         |
| 1376-8M-85                                                                      | 172             | 1376         | 54.2 | 1.41         |
| 1392-8M-20                                                                      | 174             | 1392         | 54.8 | 0.34         |
| 1392-8M-30                                                                      | 174             | 1392         | 54.8 | 0.50         |
| 1392-8M-50                                                                      | 174             | 1392         | 54.8 | 0.84         |
| 1392-8M-85                                                                      | 174             | 1392         | 54.8 | 1.43         |
| 1400-8M-20                                                                      | 175             | 1400         | 55.1 | 0.34         |
| 1400-8M-30                                                                      | 175             | 1400         | 55.1 | 0.51         |
| 1400-8M-50                                                                      | 175             | 1400         | 55.1 | 0.85         |
| 1400-8M-85                                                                      | 175             | 1400         | 55.1 | 1.44         |
| 1424-8M-20                                                                      | 178             | 1424         | 56.1 | 0.34         |
| 1424-8M-30                                                                      | 178             | 1424         | 56.1 | 0.52         |
| 1424-8M-50                                                                      | 178             | 1424         | 56.1 | 0.86         |
| 1424-8M-85                                                                      | 178             | 1424         | 56.1 | 1.46         |
| 1440-8M-20                                                                      | 180             | 1440         | 56.7 | 0.35         |
| 1440-8M-30                                                                      | 180             | 1440         | 56.7 | 0.52         |
| 1440-8M-50                                                                      | 180             | 1440         | 56.7 | 0.87         |
| 1440-8M-85                                                                      | 180             | 1440         | 56.7 | 1.48         |
| 1456-8M-20                                                                      | 182             | 1456         | 57.3 | 0.35         |
| 1456-8M-30                                                                      | 182             | 1456         | 57.3 | 0.53         |
| 1456-8M-50                                                                      | 182             | 1456         | 57.3 | 0.88         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1456-8M-85                                                                         | 182                | 1456         | 57.3 | 1.49            |
| 1464-8M-20                                                                         | 183                | 1464         | 57.6 | 0.35            |
| 1464-8M-30                                                                         | 183                | 1464         | 57.6 | 0.53            |
| 1464-8M-50                                                                         | 183                | 1464         | 57.6 | 0.88            |
| 1464-8M-85                                                                         | 183                | 1464         | 57.6 | 1.50            |
| 1480-8M-20                                                                         | 185                | 1480         | 58.3 | 0.36            |
| 1480-8M-30                                                                         | 185                | 1480         | 58.3 | 0.54            |
| 1480-8M-50                                                                         | 185                | 1480         | 58.3 | 0.89            |
| 1480-8M-85                                                                         | 185                | 1480         | 58.3 | 1.52            |
| 1512-8M-20                                                                         | 189                | 1512         | 59.5 | 0.37            |
| 1512-8M-30                                                                         | 189                | 1512         | 59.5 | 0.55            |
| 1512-8M-50                                                                         | 189                | 1512         | 59.5 | 0.91            |
| 1512-8M-85                                                                         | 189                | 1512         | 59.5 | 1.55            |
| 1520-8M-20                                                                         | 190                | 1520         | 59.8 | 0.37            |
| 1520-8M-30                                                                         | 190                | 1520         | 59.8 | 0.55            |
| 1520-8M-50                                                                         | 190                | 1520         | 59.8 | 0.92            |
| 1520-8M-85                                                                         | 190                | 1520         | 59.8 | 1.56            |
| 1552-8M-20                                                                         | 194                | 1552         | 61.1 | 0.37            |
| 1552-8M-30                                                                         | 194                | 1552         | 61.1 | 0.56            |
| 1552-8M-50                                                                         | 194                | 1552         | 61.1 | 0.94            |
| 1552-8M-85                                                                         | 194                | 1552         | 61.1 | 1.59            |
| 1560-8M-20                                                                         | 195                | 1560         | 61.4 | 0.38            |
| 1560-8M-30                                                                         | 195                | 1560         | 61.4 | 0.57            |
| 1560-8M-50                                                                         | 195                | 1560         | 61.4 | 0.94            |
| 1560-8M-85                                                                         | 195                | 1560         | 61.4 | 1.60            |
| 1576-8M-20                                                                         | 197                | 1576         | 62.0 | 0.38            |
| 1576-8M-30                                                                         | 197                | 1576         | 62.0 | 0.57            |
| 1576-8M-50                                                                         | 197                | 1576         | 62.0 | 0.95            |
| 1576-8M-85                                                                         | 197                | 1576         | 62.0 | 1.62            |
| 1584-8M-20                                                                         | 198                | 1584         | 62.4 | 0.38            |
| 1584-8M-30                                                                         | 198                | 1584         | 62.4 | 0.57            |
| 1584-8M-50                                                                         | 198                | 1584         | 62.4 | 0.96            |
| 1584-8M-85                                                                         | 198                | 1584         | 62.4 | 1.63            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1600-8M-20                                                                         | 200                | 1600         | 63.0 | 0.39            |
| 1600-8M-30                                                                         | 200                | 1600         | 63.0 | 0.58            |
| 1600-8M-50                                                                         | 200                | 1600         | 63.0 | 0.97            |
| 1600-8M-85                                                                         | 200                | 1600         | 63.0 | 1.64            |
| 1640-8M-20                                                                         | 205                | 1640         | 64.6 | 0.40            |
| 1640-8M-30                                                                         | 205                | 1640         | 64.6 | 0.59            |
| 1640-8M-50                                                                         | 205                | 1640         | 64.6 | 0.99            |
| 1640-8M-85                                                                         | 205                | 1640         | 64.6 | 1.68            |
| 1648-8M-20                                                                         | 206                | 1648         | 64.9 | 0.40            |
| 1648-8M-30                                                                         | 206                | 1648         | 64.9 | 0.60            |
| 1648-8M-50                                                                         | 206                | 1648         | 64.9 | 1.00            |
| 1648-8M-85                                                                         | 206                | 1648         | 64.9 | 1.69            |
| 1680-8M-20                                                                         | 210                | 1680         | 66.1 | 0.41            |
| 1680-8M-30                                                                         | 210                | 1680         | 66.1 | 0.61            |
| 1680-8M-50                                                                         | 210                | 1680         | 66.1 | 1.01            |
| 1680-8M-85                                                                         | 210                | 1680         | 66.1 | 1.72            |
| 1696-8M-20                                                                         | 212                | 1696         | 66.8 | 0.41            |
| 1696-8M-30                                                                         | 212                | 1696         | 66.8 | 0.61            |
| 1696-8M-50                                                                         | 212                | 1696         | 66.8 | 1.02            |
| 1696-8M-85                                                                         | 212                | 1696         | 66.8 | 1.74            |
| 1728-8M-20                                                                         | 216                | 1728         | 68.0 | 0.42            |
| 1728-8M-30                                                                         | 216                | 1728         | 68.0 | 0.63            |
| 1728-8M-50                                                                         | 216                | 1728         | 68.0 | 1.04            |
| 1728-8M-85                                                                         | 216                | 1728         | 68.0 | 1.77            |
| 1744-8M-20                                                                         | 218                | 1744         | 68.7 | 0.42            |
| 1744-8M-30                                                                         | 218                | 1744         | 68.7 | 0.63            |
| 1744-8M-50                                                                         | 218                | 1744         | 68.7 | 1.05            |
| 1744-8M-85                                                                         | 218                | 1744         | 68.7 | 1.79            |
| 1752-8M-20                                                                         | 219                | 1752         | 69.0 | 0.42            |
| 1752-8M-30                                                                         | 219                | 1752         | 69.0 | 0.63            |
| 1752-8M-50                                                                         | 219                | 1752         | 69.0 | 1.06            |
| 1752-8M-85                                                                         | 219                | 1752         | 69.0 | 1.80            |
| 1760-8M-20                                                                         | 220                | 1760         | 69.3 | 0.43            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **2000-8M-50** = **2000** - **8M** - **50**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| 1760-8M-30                                                                      | 220             | 1760         | 69.3 | 0.64         |
| 1760-8M-50                                                                      | 220             | 1760         | 69.3 | 1.06         |
| 1760-8M-85                                                                      | 220             | 1760         | 69.3 | 1.81         |
| 1784-8M-20                                                                      | 223             | 1784         | 70.2 | 0.43         |
| 1784-8M-30                                                                      | 223             | 1784         | 70.2 | 0.65         |
| 1784-8M-50                                                                      | 223             | 1784         | 70.2 | 1.08         |
| 1784-8M-85                                                                      | 223             | 1784         | 70.2 | 1.83         |
| 1792-8M-20                                                                      | 224             | 1792         | 70.6 | 0.43         |
| 1792-8M-30                                                                      | 224             | 1792         | 70.6 | 0.65         |
| 1792-8M-50                                                                      | 224             | 1792         | 70.6 | 1.08         |
| 1792-8M-85                                                                      | 224             | 1792         | 70.6 | 1.84         |
| 1800-8M-20                                                                      | 225             | 1800         | 70.9 | 0.43         |
| 1800-8M-30                                                                      | 225             | 1800         | 70.9 | 0.65         |
| 1800-8M-50                                                                      | 225             | 1800         | 70.9 | 1.09         |
| 1800-8M-85                                                                      | 225             | 1800         | 70.9 | 1.85         |
| 1840-8M-20                                                                      | 230             | 1840         | 72.4 | 0.44         |
| 1840-8M-30                                                                      | 230             | 1840         | 72.4 | 0.67         |
| 1840-8M-50                                                                      | 230             | 1840         | 72.4 | 1.11         |
| 1840-8M-85                                                                      | 230             | 1840         | 72.4 | 1.89         |
| 1856-8M-20                                                                      | 232             | 1856         | 73.1 | 0.45         |
| 1856-8M-30                                                                      | 232             | 1856         | 73.1 | 0.67         |
| 1856-8M-50                                                                      | 232             | 1856         | 73.1 | 1.12         |
| 1856-8M-85                                                                      | 232             | 1856         | 73.1 | 1.91         |
| 1896-8M-20                                                                      | 237             | 1896         | 74.6 | 0.46         |
| 1896-8M-30                                                                      | 237             | 1896         | 74.6 | 0.69         |
| 1896-8M-50                                                                      | 237             | 1896         | 74.6 | 1.14         |
| 1896-8M-85                                                                      | 237             | 1896         | 74.6 | 1.95         |
| 1904-8M-20                                                                      | 238             | 1904         | 75.0 | 0.46         |
| 1904-8M-30                                                                      | 238             | 1904         | 75.0 | 0.69         |
| 1904-8M-50                                                                      | 238             | 1904         | 75.0 | 1.15         |
| 1904-8M-85                                                                      | 238             | 1904         | 75.0 | 1.95         |
| 1920-8M-20                                                                      | 240             | 1920         | 75.6 | 0.46         |
| 1920-8M-30                                                                      | 240             | 1920         | 75.6 | 0.70         |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 1920-8M-50                                                                         | 240                | 1920         | 75.6 | 1.16            |
| 1920-8M-85                                                                         | 240                | 1920         | 75.6 | 1.97            |
| 1928-8M-20                                                                         | 241                | 1928         | 75.9 | 0.47            |
| 1928-8M-30                                                                         | 241                | 1928         | 75.9 | 0.70            |
| 1928-8M-50                                                                         | 241                | 1928         | 75.9 | 1.16            |
| 1928-8M-85                                                                         | 241                | 1928         | 75.9 | 1.98            |
| 1936-8M-20                                                                         | 242                | 1936         | 76.2 | 0.47            |
| 1936-8M-30                                                                         | 242                | 1936         | 76.2 | 0.70            |
| 1936-8M-50                                                                         | 242                | 1936         | 76.2 | 1.17            |
| 1936-8M-85                                                                         | 242                | 1936         | 76.2 | 1.99            |
| 1952-8M-20                                                                         | 244                | 1952         | 76.9 | 0.47            |
| 1952-8M-30                                                                         | 244                | 1952         | 76.9 | 0.71            |
| 1952-8M-50                                                                         | 244                | 1952         | 76.9 | 1.18            |
| 1952-8M-85                                                                         | 244                | 1952         | 76.9 | 2.00            |
| 1992-8M-20                                                                         | 249                | 1992         | 78.4 | 0.48            |
| 1992-8M-30                                                                         | 249                | 1992         | 78.4 | 0.72            |
| 1992-8M-50                                                                         | 249                | 1992         | 78.4 | 1.20            |
| 1992-8M-85                                                                         | 249                | 1992         | 78.4 | 2.04            |
| 2000-8M-20                                                                         | 250                | 2000         | 78.7 | 0.48            |
| 2000-8M-30                                                                         | 250                | 2000         | 78.7 | 0.72            |
| 2000-8M-50                                                                         | 250                | 2000         | 78.7 | 1.21            |
| 2000-8M-85                                                                         | 250                | 2000         | 78.7 | 2.05            |
| 2048-8M-20                                                                         | 256                | 2048         | 80.6 | 0.49            |
| 2048-8M-30                                                                         | 256                | 2048         | 80.6 | 0.73            |
| 2048-8M-50                                                                         | 256                | 2048         | 80.6 | 1.23            |
| 2048-8M-85                                                                         | 256                | 2048         | 80.6 | 2.09            |
| 2056-8M-20                                                                         | 257                | 2056         | 80.9 | 0.50            |
| 2056-8M-30                                                                         | 257                | 2056         | 80.9 | 0.74            |
| 2056-8M-50                                                                         | 257                | 2056         | 80.9 | 1.24            |
| 2056-8M-85                                                                         | 257                | 2056         | 80.9 | 2.11            |
| 2080-8M-20                                                                         | 260                | 2080         | 81.9 | 0.50            |
| 2080-8M-30                                                                         | 260                | 2080         | 81.9 | 0.75            |
| 2080-8M-50                                                                         | 260                | 2080         | 81.9 | 1.26            |



# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| 2080-8M-85                                                                         | 260                | 2080         | 81.9 | 2.14            |
| 2104-8M-20                                                                         | 263                | 2104         | 82.8 | 0.51            |
| 2104-8M-30                                                                         | 263                | 2104         | 82.8 | 0.76            |
| 2104-8M-50                                                                         | 263                | 2104         | 82.8 | 1.27            |
| 2104-8M-85                                                                         | 263                | 2104         | 82.8 | 2.16            |
| 2136-8M-20                                                                         | 267                | 2136         | 84.1 | 0.52            |
| 2136-8M-30                                                                         | 267                | 2136         | 84.1 | 0.77            |
| 2136-8M-50                                                                         | 267                | 2136         | 84.1 | 1.29            |
| 2136-8M-85                                                                         | 267                | 2136         | 84.1 | 2.19            |
| 2160-8M-20                                                                         | 270                | 2160         | 85.0 | 0.52            |
| 2160-8M-30                                                                         | 270                | 2160         | 85.0 | 0.78            |
| 2160-8M-50                                                                         | 270                | 2160         | 85.0 | 1.30            |
| 2160-8M-85                                                                         | 270                | 2160         | 85.0 | 2.22            |
| 2208-8M-20                                                                         | 276                | 2208         | 86.9 | 0.53            |
| 2208-8M-30                                                                         | 276                | 2208         | 86.9 | 0.80            |
| 2208-8M-50                                                                         | 276                | 2208         | 86.9 | 1.33            |
| 2208-8M-85                                                                         | 276                | 2208         | 86.9 | 2.27            |
| 2240-8M-20                                                                         | 280                | 2240         | 88.2 | 0.54            |
| 2240-8M-30                                                                         | 280                | 2240         | 88.2 | 0.81            |
| 2240-8M-50                                                                         | 280                | 2240         | 88.2 | 1.35            |
| 2240-8M-85                                                                         | 280                | 2240         | 88.2 | 2.30            |
| 2272-8M-20                                                                         | 284                | 2272         | 89.4 | 0.55            |
| 2272-8M-30                                                                         | 284                | 2272         | 89.4 | 0.82            |
| 2272-8M-50                                                                         | 284                | 2272         | 89.4 | 1.37            |
| 2272-8M-85                                                                         | 284                | 2272         | 89.4 | 2.33            |
| 2304-8M-20                                                                         | 288                | 2304         | 90.7 | 0.56            |
| 2304-8M-30                                                                         | 288                | 2304         | 90.7 | 0.83            |
| 2304-8M-50                                                                         | 288                | 2304         | 90.7 | 1.39            |
| 2304-8M-85                                                                         | 288                | 2304         | 90.7 | 2.37            |
| 2328-8M-20                                                                         | 291                | 2328         | 91.7 | 0.56            |
| 2328-8M-30                                                                         | 291                | 2328         | 91.7 | 0.84            |
| 2328-8M-50                                                                         | 291                | 2328         | 91.7 | 1.41            |
| 2328-8M-85                                                                         | 291                | 2328         | 91.7 | 2.39            |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                    |                    | (mm)         | (in)  |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |       |                 |
| 2392-8M-20                                                                         | 299                | 2392         | 94.2  | 0.58            |
| 2392-8M-30                                                                         | 299                | 2392         | 94.2  | 0.87            |
| 2392-8M-50                                                                         | 299                | 2392         | 94.2  | 1.44            |
| 2392-8M-85                                                                         | 299                | 2392         | 94.2  | 2.46            |
| 2400-8M-20                                                                         | 300                | 2400         | 94.5  | 0.58            |
| 2400-8M-30                                                                         | 300                | 2400         | 94.5  | 0.87            |
| 2400-8M-50                                                                         | 300                | 2400         | 94.5  | 1.45            |
| 2400-8M-85                                                                         | 300                | 2400         | 94.5  | 2.46            |
| 2504-8M-20                                                                         | 313                | 2504         | 98.6  | 0.60            |
| 2504-8M-30                                                                         | 313                | 2504         | 98.6  | 0.91            |
| 2504-8M-50                                                                         | 313                | 2504         | 98.6  | 1.51            |
| 2504-8M-85                                                                         | 313                | 2504         | 98.6  | 2.57            |
| 2584-8M-20                                                                         | 323                | 2584         | 101.7 | 0.62            |
| 2584-8M-30                                                                         | 323                | 2584         | 101.7 | 0.94            |
| 2584-8M-50                                                                         | 323                | 2584         | 101.7 | 1.56            |
| 2584-8M-85                                                                         | 323                | 2584         | 101.7 | 2.65            |
| 2600-8M-20                                                                         | 325                | 2600         | 102.4 | 0.63            |
| 2600-8M-30                                                                         | 325                | 2600         | 102.4 | 0.94            |
| 2600-8M-50                                                                         | 325                | 2600         | 102.4 | 1.57            |
| 2600-8M-85                                                                         | 325                | 2600         | 102.4 | 2.67            |
| 2656-8M-20                                                                         | 332                | 2656         | 104.6 | 0.64            |
| 2656-8M-30                                                                         | 332                | 2656         | 104.6 | 0.96            |
| 2656-8M-50                                                                         | 332                | 2656         | 104.6 | 1.60            |
| 2656-8M-85                                                                         | 332                | 2656         | 104.6 | 2.73            |
| 2736-8M-20                                                                         | 342                | 2736         | 107.7 | 0.66            |
| 2736-8M-30                                                                         | 342                | 2736         | 107.7 | 0.99            |
| 2736-8M-50                                                                         | 342                | 2736         | 107.7 | 1.65            |
| 2736-8M-85                                                                         | 342                | 2736         | 107.7 | 2.81            |
| 2800-8M-20                                                                         | 350                | 2800         | 110.2 | 0.68            |
| 2800-8M-30                                                                         | 350                | 2800         | 110.2 | 1.01            |
| 2800-8M-50                                                                         | 350                | 2800         | 110.2 | 1.69            |
| 2800-8M-85                                                                         | 350                | 2800         | 110.2 | 2.87            |
| 3048-8M-20                                                                         | 381                | 3048         | 120.0 | 0.74            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **3200-8M-50** = **3200** – **8M** – **50**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                 |                 | (mm)         | (in)  |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |       |              |
| 3048-8M-30                                                                      | 381             | 3048         | 120.0 | 1.10         |
| 3048-8M-50                                                                      | 381             | 3048         | 120.0 | 1.84         |
| 3048-8M-85                                                                      | 381             | 3048         | 120.0 | 3.13         |
| 3120-8M-20                                                                      | 390             | 3120         | 122.8 | 0.75         |
| 3120-8M-30                                                                      | 390             | 3120         | 122.8 | 1.13         |
| 3120-8M-50                                                                      | 390             | 3120         | 122.8 | 1.88         |
| 3120-8M-85                                                                      | 390             | 3120         | 122.8 | 3.20         |
| 3168-8M-20                                                                      | 396             | 3168         | 124.7 | 0.77         |
| 3168-8M-30                                                                      | 396             | 3168         | 124.7 | 1.15         |
| 3168-8M-50                                                                      | 396             | 3168         | 124.7 | 1.91         |
| 3168-8M-85                                                                      | 396             | 3168         | 124.7 | 3.25         |
| 3200-8M-20                                                                      | 400             | 3200         | 126.0 | 0.77         |
| 3200-8M-30                                                                      | 400             | 3200         | 126.0 | 1.16         |
| 3200-8M-50                                                                      | 400             | 3200         | 126.0 | 1.93         |
| 3200-8M-85                                                                      | 400             | 3200         | 126.0 | 3.28         |
| 3280-8M-20                                                                      | 410             | 3280         | 129.1 | 0.79         |
| 3280-8M-30                                                                      | 410             | 3280         | 129.1 | 1.19         |
| 3280-8M-50                                                                      | 410             | 3280         | 129.1 | 1.98         |
| 3280-8M-85                                                                      | 410             | 3280         | 129.1 | 3.37         |
| 3400-8M-20                                                                      | 425             | 3400         | 133.9 | 0.82         |
| 3400-8M-30                                                                      | 425             | 3400         | 133.9 | 1.23         |
| 3400-8M-50                                                                      | 425             | 3400         | 133.9 | 2.05         |
| 3400-8M-85                                                                      | 425             | 3400         | 133.9 | 3.49         |
| 3600-8M-20                                                                      | 450             | 3600         | 141.7 | 0.87         |
| 3600-8M-30                                                                      | 450             | 3600         | 141.7 | 1.30         |
| 3600-8M-50                                                                      | 450             | 3600         | 141.7 | 2.17         |
| 3600-8M-85                                                                      | 450             | 3600         | 141.7 | 3.70         |
| 3824-8M-20                                                                      | 478             | 3824         | 150.6 | 0.92         |
| 3824-8M-30                                                                      | 478             | 3824         | 150.6 | 1.39         |
| 3824-8M-50                                                                      | 478             | 3824         | 150.6 | 2.31         |
| 3824-8M-85                                                                      | 478             | 3824         | 150.6 | 3.93         |
| 4000-8M-20                                                                      | 500             | 4000         | 157.5 | 0.97         |
| 4000-8M-30                                                                      | 500             | 4000         | 157.5 | 1.45         |

| Part Number                                                                       | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                   |                 | (mm)         | (in)  |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)   |                 |              |       |              |
| 4000-8M-50                                                                        | 500             | 4000         | 157.5 | 2.42         |
| 4000-8M-85                                                                        | 500             | 4000         | 157.5 | 4.11         |
| 4400-8M-20                                                                        | 550             | 4400         | 173.2 | 1.06         |
| 4400-8M-30                                                                        | 550             | 4400         | 173.2 | 1.59         |
| 4400-8M-50                                                                        | 550             | 4400         | 173.2 | 2.66         |
| 4400-8M-85                                                                        | 550             | 4400         | 173.2 | 4.52         |
| 5120-8M-20                                                                        | 640             | 5120         | 201.6 | 1.24         |
| 5120-8M-30                                                                        | 640             | 5120         | 201.6 | 1.86         |
| 5120-8M-50                                                                        | 640             | 5120         | 201.6 | 3.09         |
| 5120-8M-85                                                                        | 640             | 5120         | 201.6 | 5.26         |
| 5576-8M-20                                                                        | 697             | 5576         | 219.5 | 1.35         |
| 5576-8M-30                                                                        | 697             | 5576         | 219.5 | 2.02         |
| 5576-8M-50                                                                        | 697             | 5576         | 219.5 | 3.37         |
| 5576-8M-85                                                                        | 697             | 5576         | 219.5 | 5.72         |
| 5600-8M-20                                                                        | 700             | 5600         | 220.5 | 1.35         |
| 5600-8M-30                                                                        | 700             | 5600         | 220.5 | 2.03         |
| 5600-8M-50                                                                        | 700             | 5600         | 220.5 | 3.38         |
| 5600-8M-85                                                                        | 700             | 5600         | 220.5 | 5.75         |
| 5960-8M-20                                                                        | 745             | 5960         | 234.6 | 1.44         |
| 5960-8M-30                                                                        | 745             | 5960         | 234.6 | 2.16         |
| 5960-8M-50                                                                        | 745             | 5960         | 234.6 | 3.60         |
| 5960-8M-85                                                                        | 745             | 5960         | 234.6 | 6.12         |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |       |              |
| 966-14M-40                                                                        | 69              | 966          | 38.0  | 0.76         |
| 966-14M-55                                                                        | 69              | 966          | 38.0  | 1.04         |
| 966-14M-85                                                                        | 69              | 966          | 38.0  | 1.61         |
| 966-14M-115                                                                       | 69              | 966          | 38.0  | 2.18         |
| 966-14M-170                                                                       | 69              | 966          | 38.0  | 3.22         |
| 1036-14M-40                                                                       | 74              | 1036         | 40.8  | 0.81         |
| 1036-14M-55                                                                       | 74              | 1036         | 40.8  | 1.12         |
| 1036-14M-85                                                                       | 74              | 1036         | 40.8  | 1.72         |
| 1036-14M-115                                                                      | 74              | 1036         | 40.8  | 2.33         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1036-14M-170                                                                         | 74                 | 1036         | 40.8 | 3.45            |
| 1092-14M-40                                                                          | 78                 | 1092         | 43.0 | 0.86            |
| 1092-14M-55                                                                          | 78                 | 1092         | 43.0 | 1.18            |
| 1092-14M-85                                                                          | 78                 | 1092         | 43.0 | 1.82            |
| 1092-14M-115                                                                         | 78                 | 1092         | 43.0 | 2.46            |
| 1092-14M-170                                                                         | 78                 | 1092         | 43.0 | 3.64            |
| 1120-14M-40                                                                          | 80                 | 1120         | 44.1 | 0.88            |
| 1120-14M-55                                                                          | 80                 | 1120         | 44.1 | 1.21            |
| 1120-14M-85                                                                          | 80                 | 1120         | 44.1 | 1.86            |
| 1120-14M-115                                                                         | 80                 | 1120         | 44.1 | 2.52            |
| 1120-14M-170                                                                         | 80                 | 1120         | 44.1 | 3.73            |
| 1148-14M-40                                                                          | 82                 | 1148         | 45.2 | 0.90            |
| 1148-14M-55                                                                          | 82                 | 1148         | 45.2 | 1.24            |
| 1148-14M-85                                                                          | 82                 | 1148         | 45.2 | 1.91            |
| 1148-14M-115                                                                         | 82                 | 1148         | 45.2 | 2.59            |
| 1148-14M-170                                                                         | 82                 | 1148         | 45.2 | 3.82            |
| 1190-14M-40                                                                          | 85                 | 1190         | 46.9 | 0.93            |
| 1190-14M-55                                                                          | 85                 | 1190         | 46.9 | 1.28            |
| 1190-14M-85                                                                          | 85                 | 1190         | 46.9 | 1.98            |
| 1190-14M-115                                                                         | 85                 | 1190         | 46.9 | 2.68            |
| 1190-14M-170                                                                         | 85                 | 1190         | 46.9 | 3.96            |
| 1246-14M-40                                                                          | 89                 | 1246         | 49.1 | 0.98            |
| 1246-14M-55                                                                          | 89                 | 1246         | 49.1 | 1.34            |
| 1246-14M-85                                                                          | 89                 | 1246         | 49.1 | 2.07            |
| 1246-14M-115                                                                         | 89                 | 1246         | 49.1 | 2.81            |
| 1246-14M-170                                                                         | 89                 | 1246         | 49.1 | 4.15            |
| 1260-14M-40                                                                          | 90                 | 1260         | 49.6 | 0.99            |
| 1260-14M-55                                                                          | 90                 | 1260         | 49.6 | 1.36            |
| 1260-14M-85                                                                          | 90                 | 1260         | 49.6 | 2.10            |
| 1260-14M-115                                                                         | 90                 | 1260         | 49.6 | 2.84            |
| 1260-14M-170                                                                         | 90                 | 1260         | 49.6 | 4.19            |
| 1288-14M-40                                                                          | 92                 | 1288         | 50.7 | 1.02            |
| 1288-14M-55                                                                          | 92                 | 1288         | 50.7 | 1.32            |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |      |                 |
| 1288-14M-85                                                                          | 92                 | 1288         | 50.7 | 2.14            |
| 1288-14M-115                                                                         | 92                 | 1288         | 50.7 | 2.80            |
| 1288-14M-170                                                                         | 92                 | 1288         | 50.7 | 4.20            |
| 1316-14M-40                                                                          | 94                 | 1316         | 51.8 | 1.03            |
| 1316-14M-55                                                                          | 94                 | 1316         | 51.8 | 1.42            |
| 1316-14M-85                                                                          | 94                 | 1316         | 51.8 | 2.19            |
| 1316-14M-115                                                                         | 94                 | 1316         | 51.8 | 2.96            |
| 1316-14M-170                                                                         | 94                 | 1316         | 51.8 | 4.38            |
| 1344-14M-40                                                                          | 96                 | 1344         | 52.9 | 1.05            |
| 1344-14M-55                                                                          | 96                 | 1344         | 52.9 | 1.45            |
| 1344-14M-85                                                                          | 96                 | 1344         | 52.9 | 2.24            |
| 1344-14M-115                                                                         | 96                 | 1344         | 52.9 | 3.03            |
| 1344-14M-170                                                                         | 96                 | 1344         | 52.9 | 4.47            |
| 1400-14M-40                                                                          | 100                | 1400         | 55.1 | 1.10            |
| 1400-14M-55                                                                          | 100                | 1400         | 55.1 | 1.51            |
| 1400-14M-85                                                                          | 100                | 1400         | 55.1 | 2.33            |
| 1400-14M-115                                                                         | 100                | 1400         | 55.1 | 3.15            |
| 1400-14M-170                                                                         | 100                | 1400         | 55.1 | 4.66            |
| 1442-14M-40                                                                          | 103                | 1442         | 56.8 | 1.13            |
| 1442-14M-55                                                                          | 103                | 1442         | 56.8 | 1.55            |
| 1442-14M-85                                                                          | 103                | 1442         | 56.8 | 2.40            |
| 1442-14M-115                                                                         | 103                | 1442         | 56.8 | 3.25            |
| 1442-14M-170                                                                         | 103                | 1442         | 56.8 | 4.80            |
| 1456-14M-40                                                                          | 104                | 1456         | 57.3 | 1.14            |
| 1456-14M-55                                                                          | 104                | 1456         | 57.3 | 1.57            |
| 1456-14M-85                                                                          | 104                | 1456         | 57.3 | 2.42            |
| 1456-14M-115                                                                         | 104                | 1456         | 57.3 | 3.28            |
| 1456-14M-170                                                                         | 104                | 1456         | 57.3 | 4.85            |
| 1470-14M-40                                                                          | 105                | 1470         | 57.9 | 1.15            |
| 1470-14M-55                                                                          | 105                | 1470         | 57.9 | 1.58            |
| 1470-14M-85                                                                          | 105                | 1470         | 57.9 | 2.45            |
| 1470-14M-115                                                                         | 105                | 1470         | 57.9 | 3.31            |
| 1470-14M-170                                                                         | 105                | 1470         | 57.9 | 4.89            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **2100-14M-40** = **2100** – **14M** – **40**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                       | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                   |                 | (mm)         | (in) |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |      |              |
| 1540-14M-40                                                                       | 110             | 1540         | 60.6 | 1.21         |
| 1540-14M-55                                                                       | 110             | 1540         | 60.6 | 1.66         |
| 1540-14M-85                                                                       | 110             | 1540         | 60.6 | 2.56         |
| 1540-14M-115                                                                      | 110             | 1540         | 60.6 | 3.47         |
| 1540-14M-170                                                                      | 110             | 1540         | 60.6 | 5.13         |
| 1568-14M-40                                                                       | 112             | 1568         | 61.7 | 1.23         |
| 1568-14M-55                                                                       | 112             | 1568         | 61.7 | 1.69         |
| 1568-14M-85                                                                       | 112             | 1568         | 61.7 | 2.61         |
| 1568-14M-115                                                                      | 112             | 1568         | 61.7 | 3.53         |
| 1568-14M-170                                                                      | 112             | 1568         | 61.7 | 5.22         |
| 1610-14M-40                                                                       | 115             | 1610         | 63.4 | 1.26         |
| 1610-14M-55                                                                       | 115             | 1610         | 63.4 | 1.73         |
| 1610-14M-85                                                                       | 115             | 1610         | 63.4 | 2.68         |
| 1610-14M-115                                                                      | 115             | 1610         | 63.4 | 3.63         |
| 1610-14M-170                                                                      | 115             | 1610         | 63.4 | 5.36         |
| 1652-14M-40                                                                       | 118             | 1652         | 65.0 | 1.29         |
| 1652-14M-55                                                                       | 118             | 1652         | 65.0 | 1.78         |
| 1652-14M-85                                                                       | 118             | 1652         | 65.0 | 2.75         |
| 1652-14M-115                                                                      | 118             | 1652         | 65.0 | 3.72         |
| 1652-14M-170                                                                      | 118             | 1652         | 65.0 | 5.50         |
| 1750-14M-40                                                                       | 125             | 1750         | 68.9 | 1.37         |
| 1750-14M-55                                                                       | 125             | 1750         | 68.9 | 1.88         |
| 1750-14M-85                                                                       | 125             | 1750         | 68.9 | 2.91         |
| 1750-14M-115                                                                      | 125             | 1750         | 68.9 | 3.94         |
| 1750-14M-170                                                                      | 125             | 1750         | 68.9 | 5.83         |
| 1764-14M-40                                                                       | 126             | 1764         | 69.4 | 1.38         |
| 1764-14M-55                                                                       | 126             | 1764         | 69.4 | 1.90         |
| 1764-14M-85                                                                       | 126             | 1764         | 69.4 | 2.94         |
| 1764-14M-115                                                                      | 126             | 1764         | 69.4 | 3.97         |
| 1764-14M-170                                                                      | 126             | 1764         | 69.4 | 5.87         |
| 1778-14M-40                                                                       | 127             | 1778         | 70.0 | 1.39         |
| 1778-14M-55                                                                       | 127             | 1778         | 70.0 | 1.91         |
| 1778-14M-85                                                                       | 127             | 1778         | 70.0 | 2.96         |

| Part Number                                                                       | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                   |                 | (mm)         | (in) |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |      |              |
| 1778-14M-115                                                                      | 127             | 1778         | 70.0 | 4.00         |
| 1778-14M-170                                                                      | 127             | 1778         | 70.0 | 5.92         |
| 1792-14M-40                                                                       | 128             | 1792         | 70.6 | 1.40         |
| 1792-14M-55                                                                       | 128             | 1792         | 70.6 | 1.93         |
| 1792-14M-85                                                                       | 128             | 1792         | 70.6 | 2.98         |
| 1792-14M-115                                                                      | 128             | 1792         | 70.6 | 4.04         |
| 1792-14M-170                                                                      | 128             | 1792         | 70.6 | 5.97         |
| 1806-14M-40                                                                       | 129             | 1806         | 71.1 | 1.41         |
| 1806-14M-55                                                                       | 129             | 1806         | 71.1 | 1.95         |
| 1806-14M-85                                                                       | 129             | 1806         | 71.1 | 3.01         |
| 1806-14M-115                                                                      | 129             | 1806         | 71.1 | 4.07         |
| 1806-14M-170                                                                      | 129             | 1806         | 71.1 | 6.01         |
| 1820-14M-40                                                                       | 130             | 1820         | 71.7 | 1.43         |
| 1820-14M-55                                                                       | 130             | 1820         | 71.7 | 1.96         |
| 1820-14M-85                                                                       | 130             | 1820         | 71.7 | 3.03         |
| 1820-14M-115                                                                      | 130             | 1820         | 71.7 | 4.10         |
| 1820-14M-170                                                                      | 130             | 1820         | 71.7 | 6.06         |
| 1890-14M-40                                                                       | 135             | 1890         | 74.4 | 1.48         |
| 1890-14M-55                                                                       | 135             | 1890         | 74.4 | 2.04         |
| 1890-14M-85                                                                       | 135             | 1890         | 74.4 | 3.15         |
| 1890-14M-115                                                                      | 135             | 1890         | 74.4 | 4.26         |
| 1890-14M-170                                                                      | 135             | 1890         | 74.4 | 6.29         |
| 1932-14M-40                                                                       | 138             | 1932         | 76.1 | 1.51         |
| 1932-14M-55                                                                       | 138             | 1932         | 76.1 | 2.08         |
| 1932-14M-85                                                                       | 138             | 1932         | 76.1 | 3.22         |
| 1932-14M-115                                                                      | 138             | 1932         | 76.1 | 4.35         |
| 1932-14M-170                                                                      | 138             | 1932         | 76.1 | 6.43         |
| 1960-14M-40                                                                       | 140             | 1960         | 77.2 | 1.54         |
| 1960-14M-55                                                                       | 140             | 1960         | 77.2 | 2.11         |
| 1960-14M-85                                                                       | 140             | 1960         | 77.2 | 3.26         |
| 1960-14M-115                                                                      | 140             | 1960         | 77.2 | 4.41         |
| 1960-14M-170                                                                      | 140             | 1960         | 77.2 | 6.52         |
| 2100-14M-40                                                                       | 150             | 2100         | 82.7 | 1.64         |

# Synchro-Cog® HT

## Synchronous Drive Belt

### Synchro-Cog® HT

#### Part Numbers

| Part Number                                                                       | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                   |                 | (mm)         | (in)  |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |       |              |
| 2100-14M-55                                                                       | 150             | 2100         | 82.7  | 2.26         |
| 2100-14M-85                                                                       | 150             | 2100         | 82.7  | 3.50         |
| 2100-14M-115                                                                      | 150             | 2100         | 82.7  | 4.73         |
| 2100-14M-170                                                                      | 150             | 2100         | 82.7  | 6.99         |
| 2240-14M-40                                                                       | 160             | 2240         | 88.2  | 1.75         |
| 2240-14M-55                                                                       | 160             | 2240         | 88.2  | 2.41         |
| 2240-14M-85                                                                       | 160             | 2240         | 88.2  | 3.73         |
| 2240-14M-115                                                                      | 160             | 2240         | 88.2  | 5.04         |
| 2240-14M-170                                                                      | 160             | 2240         | 88.2  | 7.46         |
| 2310-14M-40                                                                       | 165             | 2310         | 90.9  | 1.81         |
| 2310-14M-55                                                                       | 165             | 2310         | 90.9  | 2.49         |
| 2310-14M-85                                                                       | 165             | 2310         | 90.9  | 3.85         |
| 2310-14M-115                                                                      | 165             | 2310         | 90.9  | 5.20         |
| 2310-14M-170                                                                      | 165             | 2310         | 90.9  | 7.69         |
| 2450-14M-40                                                                       | 175             | 2450         | 96.5  | 1.92         |
| 2450-14M-55                                                                       | 175             | 2450         | 96.5  | 2.64         |
| 2450-14M-85                                                                       | 175             | 2450         | 96.5  | 4.08         |
| 2450-14M-115                                                                      | 175             | 2450         | 96.5  | 5.52         |
| 2450-14M-170                                                                      | 175             | 2450         | 96.5  | 8.16         |
| 2590-14M-40                                                                       | 185             | 2590         | 102.0 | 2.03         |
| 2590-14M-55                                                                       | 185             | 2590         | 102.0 | 2.79         |
| 2590-14M-85                                                                       | 185             | 2590         | 102.0 | 4.31         |
| 2590-14M-115                                                                      | 185             | 2590         | 102.0 | 5.83         |
| 2590-14M-170                                                                      | 185             | 2590         | 102.0 | 8.62         |
| 2660-14M-40                                                                       | 190             | 2660         | 104.7 | 2.08         |
| 2660-14M-55                                                                       | 190             | 2660         | 104.7 | 2.86         |
| 2660-14M-85                                                                       | 190             | 2660         | 104.7 | 4.43         |
| 2660-14M-115                                                                      | 190             | 2660         | 104.7 | 5.99         |
| 2660-14M-170                                                                      | 190             | 2660         | 104.7 | 8.86         |
| 2800-14M-40                                                                       | 200             | 2800         | 110.2 | 2.19         |
| 2800-14M-55                                                                       | 200             | 2800         | 110.2 | 3.02         |
| 2800-14M-85                                                                       | 200             | 2800         | 110.2 | 4.66         |
| 2800-14M-115                                                                      | 200             | 2800         | 110.2 | 6.31         |

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |       | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|-------|-----------------|
|                                                                                      |                    | (mm)         | (in)  |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (14mm) |                    |              |       |                 |
| 2800-14M-170                                                                         | 200                | 2800         | 110.2 | 9.32            |
| 3108-14M-40                                                                          | 222                | 3108         | 122.4 | 2.43            |
| 3108-14M-55                                                                          | 222                | 3108         | 122.4 | 3.35            |
| 3108-14M-85                                                                          | 222                | 3108         | 122.4 | 5.17            |
| 3108-14M-115                                                                         | 222                | 3108         | 122.4 | 7.00            |
| 3108-14M-170                                                                         | 222                | 3108         | 122.4 | 10.35           |
| 3150-14M-40                                                                          | 225                | 3150         | 124.0 | 2.47            |
| 3150-14M-55                                                                          | 225                | 3150         | 124.0 | 3.39            |
| 3150-14M-85                                                                          | 225                | 3150         | 124.0 | 5.24            |
| 3150-14M-115                                                                         | 225                | 3150         | 124.0 | 7.09            |
| 3150-14M-170                                                                         | 225                | 3150         | 124.0 | 10.49           |
| 3304-14M-40                                                                          | 236                | 3304         | 130.1 | 2.59            |
| 3304-14M-55                                                                          | 236                | 3304         | 130.1 | 3.56            |
| 3304-14M-85                                                                          | 236                | 3304         | 130.1 | 5.50            |
| 3304-14M-115                                                                         | 236                | 3304         | 130.1 | 7.44            |
| 3304-14M-170                                                                         | 236                | 3304         | 130.1 | 11.00           |
| 3360-14M-40                                                                          | 240                | 3360         | 132.3 | 2.63            |
| 3360-14M-55                                                                          | 240                | 3360         | 132.3 | 3.62            |
| 3360-14M-85                                                                          | 240                | 3360         | 132.3 | 5.59            |
| 3360-14M-115                                                                         | 240                | 3360         | 132.3 | 7.57            |
| 3360-14M-170                                                                         | 240                | 3360         | 132.3 | 11.19           |
| 3500-14M-40                                                                          | 250                | 3500         | 137.8 | 2.74            |
| 3500-14M-55                                                                          | 250                | 3500         | 137.8 | 3.77            |
| 3500-14M-85                                                                          | 250                | 3500         | 137.8 | 5.83            |
| 3500-14M-115                                                                         | 250                | 3500         | 137.8 | 7.88            |
| 3500-14M-170                                                                         | 250                | 3500         | 137.8 | 11.65           |
| 3668-14M-40                                                                          | 262                | 3668         | 144.4 | 2.87            |
| 3668-14M-55                                                                          | 262                | 3668         | 144.4 | 3.95            |
| 3668-14M-85                                                                          | 262                | 3668         | 144.4 | 6.11            |
| 3668-14M-115                                                                         | 262                | 3668         | 144.4 | 8.26            |
| 3668-14M-170                                                                         | 262                | 3668         | 144.4 | 12.21           |
| 3850-14M-40                                                                          | 275                | 3850         | 151.6 | 3.02            |
| 3850-14M-55                                                                          | 275                | 3850         | 151.6 | 4.15            |

# Synchro-Cog® HT

## Synchronous Drive Belt

Part Number Example: **3500-14M-55** = **3500** - **14M** - **55**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)

| Part Number                                                                       | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                   |                 | (mm)         | (in)  |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |       |              |
| 3850-14M-85                                                                       | 275             | 3850         | 151.6 | 6.41         |
| 3850-14M-115                                                                      | 275             | 3850         | 151.6 | 8.67         |
| 3850-14M-170                                                                      | 275             | 3850         | 151.6 | 12.82        |
| 4326-14M-40                                                                       | 309             | 4326         | 170.3 | 3.39         |
| 4326-14M-55                                                                       | 309             | 4326         | 170.3 | 4.66         |
| 4326-14M-85                                                                       | 309             | 4326         | 170.3 | 7.20         |
| 4326-14M-115                                                                      | 309             | 4326         | 170.3 | 9.74         |
| 4326-14M-170                                                                      | 309             | 4326         | 170.3 | 14.40        |
| 4536-14M-40                                                                       | 324             | 4536         | 178.6 | 3.55         |
| 4536-14M-55                                                                       | 324             | 4536         | 178.6 | 4.89         |
| 4536-14M-85                                                                       | 324             | 4536         | 178.6 | 7.55         |
| 4536-14M-115                                                                      | 324             | 4536         | 178.6 | 10.22        |
| 4536-14M-170                                                                      | 324             | 4536         | 178.6 | 15.10        |
| 4578-14M-40                                                                       | 327             | 4578         | 180.2 | 3.59         |
| 4578-14M-55                                                                       | 327             | 4578         | 180.2 | 4.93         |
| 4578-14M-85                                                                       | 327             | 4578         | 180.2 | 7.62         |
| 4578-14M-115                                                                      | 327             | 4578         | 180.2 | 10.31        |
| 4578-14M-170                                                                      | 327             | 4578         | 180.2 | 15.24        |
| 4956-14M-40                                                                       | 354             | 4956         | 195.1 | 3.88         |
| 4956-14M-55                                                                       | 354             | 4956         | 195.1 | 5.34         |
| 4956-14M-85                                                                       | 354             | 4956         | 195.1 | 8.25         |
| 4956-14M-115                                                                      | 354             | 4956         | 195.1 | 11.16        |
| 4956-14M-170                                                                      | 354             | 4956         | 195.1 | 16.50        |
| 5320-14M-40                                                                       | 380             | 5320         | 209.4 | 4.17         |
| 5320-14M-55                                                                       | 380             | 5320         | 209.4 | 5.73         |
| 5320-14M-85                                                                       | 380             | 5320         | 209.4 | 8.86         |
| 5320-14M-115                                                                      | 380             | 5320         | 209.4 | 11.98        |
| 5320-14M-170                                                                      | 380             | 5320         | 209.4 | 17.71        |
| 5740-14M-40                                                                       | 410             | 5740         | 226.0 | 4.50         |
| 5740-14M-55                                                                       | 410             | 5740         | 226.0 | 6.18         |
| 5740-14M-85                                                                       | 410             | 5740         | 226.0 | 9.55         |
| 5740-14M-115                                                                      | 410             | 5740         | 226.0 | 12.93        |
| 5740-14M-170                                                                      | 410             | 5740         | 226.0 | 19.11        |

| Part Number                                                                       | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                   |                 | (mm)         | (in)  |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |       |              |
| 6160-14M-40                                                                       | 440             | 6160         | 242.5 | 4.83         |
| 6160-14M-55                                                                       | 440             | 6160         | 242.5 | 6.63         |
| 6160-14M-85                                                                       | 440             | 6160         | 242.5 | 10.25        |
| 6160-14M-115                                                                      | 440             | 6160         | 242.5 | 13.87        |
| 6160-14M-170                                                                      | 440             | 6160         | 242.5 | 20.51        |
| 6860-14M-40                                                                       | 490             | 6860         | 270.1 | 5.37         |
| 6860-14M-55                                                                       | 490             | 6860         | 270.1 | 7.39         |
| 6860-14M-85                                                                       | 490             | 6860         | 270.1 | 11.42        |
| 6860-14M-115                                                                      | 490             | 6860         | 270.1 | 15.45        |
| 6860-14M-170                                                                      | 490             | 6860         | 270.1 | 22.84        |



# Synchro-Cog® HT

## Sleeves

- Full factory width sleeves
- Sleeve edges are trimmed before shipment
- Sleeves cannot be accepted for return

Timken Belts maintains inventory of most synchronous sleeve sizes. Contact customer service for availability. Minimum order quantity and/or lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.



## Synchro-Cog® HT Sleeve Part Numbers

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm)</b> |                   |                     |
| 144-3M-100SL                                                                           | 100               | 0.1                 |
| 150-3M-160SL                                                                           | 160               | 0.1                 |
| 159-3M-200SL                                                                           | 200               | 0.2                 |
| 168-3M-200SL                                                                           | 200               | 0.2                 |
| 177-3M-200SL                                                                           | 200               | 0.2                 |
| 180-3M-200SL                                                                           | 200               | 0.2                 |
| 186-3M-160SL                                                                           | 160               | 0.2                 |
| 189-3M-160SL                                                                           | 160               | 0.2                 |
| 192-3M-160SL                                                                           | 160               | 0.2                 |
| 201-3M-200SL                                                                           | 200               | 0.2                 |
| 207-3M-200SL                                                                           | 200               | 0.2                 |
| 210-3M-200SL                                                                           | 200               | 0.2                 |
| 213-3M-200SL                                                                           | 200               | 0.2                 |
| 222-3M-200SL                                                                           | 200               | 0.2                 |
| 225-3M-200SL                                                                           | 200               | 0.2                 |
| 228-3M-200SL                                                                           | 200               | 0.2                 |
| 234-3M-200SL                                                                           | 200               | 0.3                 |
| 240-3M-200SL                                                                           | 200               | 0.3                 |
| 252-3M-450SL                                                                           | 450               | 0.6                 |
| 255-3M-450SL                                                                           | 450               | 0.6                 |
| 264-3M-450SL                                                                           | 450               | 0.6                 |
| 267-3M-450SL                                                                           | 450               | 0.7                 |
| 276-3M-450SL                                                                           | 450               | 0.7                 |
| 285-3M-450SL                                                                           | 450               | 0.7                 |
| 300-3M-450SL                                                                           | 450               | 0.7                 |
| 312-3M-450SL                                                                           | 450               | 0.8                 |
| 318-3M-450SL                                                                           | 450               | 0.8                 |
| 324-3M-450SL                                                                           | 450               | 0.8                 |
| 330-3M-450SL                                                                           | 450               | 0.8                 |
| 339-3M-450SL                                                                           | 450               | 0.8                 |
| 357-3M-450SL                                                                           | 450               | 0.9                 |
| 360-3M-450SL                                                                           | 450               | 0.9                 |
| 363-3M-450SL                                                                           | 450               | 0.9                 |



# Synchro-Cog® HT Sleeves

Part Number Example: **375-3M-450SL** = **375** - **3M** - **450** **SL**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)      Sleeve

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>3M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (3mm)</b> |                   |                     |
| 375-3M-450SL                                                                           | 450               | 0.9                 |
| 384-3M-450SL                                                                           | 450               | 0.9                 |
| 390-3M-450SL                                                                           | 450               | 1.0                 |
| 405-3M-450SL                                                                           | 450               | 1.0                 |
| 420-3M-450SL                                                                           | 450               | 1.0                 |
| 447-3M-450SL                                                                           | 450               | 1.1                 |
| 456-3M-450SL                                                                           | 450               | 1.1                 |
| 474-3M-450SL                                                                           | 450               | 1.2                 |
| 483-3M-450SL                                                                           | 450               | 1.2                 |
| 495-3M-450SL                                                                           | 450               | 1.2                 |
| 501-3M-450SL                                                                           | 450               | 1.2                 |
| 513-3M-450SL                                                                           | 450               | 1.2                 |
| 522-3M-450SL                                                                           | 450               | 1.3                 |
| 531-3M-450SL                                                                           | 450               | 1.3                 |
| 564-3M-200SL                                                                           | 200               | 0.6                 |
| 570-3M-450SL                                                                           | 450               | 1.4                 |
| 582-3M-200SL                                                                           | 200               | 0.6                 |
| 600-3M-450SL                                                                           | 450               | 1.5                 |
| 669-3M-450SL                                                                           | 450               | 1.5                 |
| 633-3M-450SL                                                                           | 450               | 1.5                 |
| 711-3M-450SL                                                                           | 450               | 1.7                 |
| 735-3M-450SL                                                                           | 450               | 1.8                 |
| 750-3M-450SL                                                                           | 450               | 1.8                 |
| 804-3M-450SL                                                                           | 450               | 2.0                 |
| 1026-3M-450SL                                                                          | 450               | 2.5                 |
| 1401-3M-200SL                                                                          | 200               | 1.5                 |
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 180-5M-200SL                                                                           | 200               | 0.3                 |
| 200-5M-200SL                                                                           | 200               | 0.4                 |
| 210-5M-200SL                                                                           | 200               | 0.4                 |
| 215-5M-200SL                                                                           | 200               | 0.4                 |
| 225-5M-200SL                                                                           | 200               | 0.4                 |

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 230-5M-450SL                                                                           | 450               | 0.9                 |
| 235-5M-200SL                                                                           | 200               | 0.4                 |
| 245-5M-450SL                                                                           | 450               | 1.0                 |
| 250-5M-450SL                                                                           | 450               | 1.0                 |
| 255-5M-200SL                                                                           | 200               | 0.5                 |
| 260-5M-450SL                                                                           | 450               | 1.0                 |
| 265-5M-450SL                                                                           | 450               | 1.1                 |
| 270-5M-450SL                                                                           | 450               | 1.1                 |
| 275-5M-450SL                                                                           | 450               | 1.1                 |
| 280-5M-450SL                                                                           | 450               | 1.1                 |
| 285-5M-450SL                                                                           | 450               | 1.1                 |
| 290-5M-450SL                                                                           | 450               | 1.2                 |
| 295-5M-450SL                                                                           | 450               | 1.2                 |
| 300-5M-450SL                                                                           | 450               | 1.2                 |
| 305-5M-450SL                                                                           | 450               | 1.2                 |
| 310-5M-450SL                                                                           | 450               | 1.2                 |
| 320-5M-450SL                                                                           | 450               | 1.3                 |
| 325-5M-450SL                                                                           | 450               | 1.3                 |
| 330-5M-450SL                                                                           | 450               | 1.3                 |
| 340-5M-450SL                                                                           | 450               | 1.4                 |
| 345-5M-450SL                                                                           | 450               | 1.4                 |
| 350-5M-450SL                                                                           | 450               | 1.4                 |
| 360-5M-450SL                                                                           | 450               | 1.4                 |
| 365-5M-450SL                                                                           | 450               | 1.5                 |
| 370-5M-450SL                                                                           | 450               | 1.5                 |
| 375-5M-450SL                                                                           | 450               | 1.5                 |
| 380-5M-450SL                                                                           | 450               | 1.5                 |
| 385-5M-450SL                                                                           | 450               | 1.5                 |
| 390-5M-450SL                                                                           | 450               | 1.6                 |
| 395-5M-450SL                                                                           | 450               | 1.6                 |
| 400-5M-450SL                                                                           | 450               | 1.6                 |
| 405-5M-450SL                                                                           | 450               | 1.6                 |
| 410-5M-450SL                                                                           | 450               | 1.6                 |

# Synchro-Cog® HT

## Sleeves

### Synchro-Cog® HT Sleeve Part Numbers

| Part Number                                                                                | Sleeve Width (mm) | Sleeve Weight (lbs) |
|--------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 420-5M-450SL                                                                               | 450               | 1.7                 |
| 425-5M-450SL                                                                               | 450               | 1.7                 |
| 430-5M-450SL                                                                               | 450               | 1.7                 |
| 435-5M-450SL                                                                               | 450               | 1.7                 |
| 440-5M-450SL                                                                               | 450               | 1.8                 |
| 445-5M-450SL                                                                               | 450               | 1.8                 |
| 450-5M-450SL                                                                               | 450               | 1.8                 |
| 460-5M-450SL                                                                               | 450               | 1.9                 |
| 465-5M-450SL                                                                               | 450               | 1.9                 |
| 470-5M-450SL                                                                               | 450               | 1.9                 |
| 475-5M-450SL                                                                               | 450               | 1.9                 |
| 480-5M-450SL                                                                               | 450               | 1.9                 |
| 490-5M-450SL                                                                               | 450               | 2.0                 |
| 500-5M-450SL                                                                               | 450               | 2.0                 |
| 505-5M-450SL                                                                               | 450               | 2.0                 |
| 510-5M-450SL                                                                               | 450               | 2.1                 |
| 520-5M-450SL                                                                               | 450               | 2.1                 |
| 525-5M-450SL                                                                               | 450               | 2.1                 |
| 530-5M-450SL                                                                               | 450               | 2.1                 |
| 535-5M-450SL                                                                               | 450               | 2.2                 |
| 540-5M-450SL                                                                               | 450               | 2.2                 |
| 550-5M-450SL                                                                               | 450               | 2.2                 |
| 560-5M-450SL                                                                               | 450               | 2.3                 |
| 565-5M-200SL                                                                               | 200               | 1.0                 |
| 570-5M-450SL                                                                               | 450               | 2.3                 |
| 575-5M-450SL                                                                               | 450               | 2.3                 |
| 580-5M-450SL                                                                               | 450               | 2.3                 |
| 585-5M-450SL                                                                               | 450               | 2.4                 |
| 590-5M-450SL                                                                               | 450               | 2.4                 |
| 600-5M-450SL                                                                               | 450               | 2.4                 |
| 605-5M-450SL                                                                               | 450               | 2.4                 |
| 610-5M-450SL                                                                               | 450               | 2.5                 |
| 615-5M-450SL                                                                               | 450               | 2.5                 |

| Part Number                                                                                | Sleeve Width (mm) | Sleeve Weight (lbs) |
|--------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 620-5M-450SL                                                                               | 450               | 2.5                 |
| 625-5M-450SL                                                                               | 450               | 2.5                 |
| 635-5M-450SL                                                                               | 450               | 2.6                 |
| 640-5M-450SL                                                                               | 450               | 2.6                 |
| 645-5M-450SL                                                                               | 450               | 2.6                 |
| 650-5M-450SL                                                                               | 450               | 2.6                 |
| 655-5M-450SL                                                                               | 450               | 2.6                 |
| 665-5M-450SL                                                                               | 450               | 2.7                 |
| 670-5M-450SL                                                                               | 450               | 2.7                 |
| 675-5M-450SL                                                                               | 450               | 2.7                 |
| 685-5M-450SL                                                                               | 450               | 2.8                 |
| 690-5M-450SL                                                                               | 450               | 2.8                 |
| 695-5M-450SL                                                                               | 450               | 2.8                 |
| 700-5M-450SL                                                                               | 450               | 2.8                 |
| 710-5M-450SL                                                                               | 450               | 2.9                 |
| 720-5M-450SL                                                                               | 450               | 2.9                 |
| 725-5M-450SL                                                                               | 450               | 2.9                 |
| 740-5M-450SL                                                                               | 450               | 3.0                 |
| 750-5M-450SL                                                                               | 450               | 3.0                 |
| 755-5M-450SL                                                                               | 450               | 3.0                 |
| 770-5M-450SL                                                                               | 450               | 3.1                 |
| 775-5M-450SL                                                                               | 450               | 3.1                 |
| 780-5M-450SL                                                                               | 450               | 3.1                 |
| 790-5M-450SL                                                                               | 450               | 3.2                 |
| 800-5M-450SL                                                                               | 450               | 3.2                 |
| 810-5M-450SL                                                                               | 450               | 3.3                 |
| 825-5M-450SL                                                                               | 450               | 3.3                 |
| 835-5M-450SL                                                                               | 450               | 3.4                 |
| 850-5M-450SL                                                                               | 450               | 3.4                 |
| 860-5M-450SL                                                                               | 450               | 3.5                 |
| 870-5M-450SL                                                                               | 450               | 3.5                 |
| 890-5M-450SL                                                                               | 450               | 3.6                 |
| 900-5M-450SL                                                                               | 450               | 3.6                 |

# Synchro-Cog® HT

## Sleeves

Part Number Example: **1000-5M-450SL** = **1000** - **5M** - **450** **SL**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)      Sleeve

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 920-5M-450SL                                                                           | 450               | 3.7                 |
| 925-5M-450SL                                                                           | 450               | 3.7                 |
| 935-5M-450SL                                                                           | 450               | 3.8                 |
| 940-5M-450SL                                                                           | 450               | 3.8                 |
| 950-5M-450SL                                                                           | 450               | 3.8                 |
| 960-5M-450SL                                                                           | 450               | 3.9                 |
| 965-5M-450SL                                                                           | 450               | 3.9                 |
| 975-5M-450SL                                                                           | 450               | 3.9                 |
| 980-5M-450SL                                                                           | 450               | 3.9                 |
| 1000-5M-450SL                                                                          | 450               | 4.0                 |
| 1025-5M-450SL                                                                          | 450               | 4.1                 |
| 1050-5M-450SL                                                                          | 450               | 4.2                 |
| 1100-5M-450SL                                                                          | 450               | 4.4                 |
| 1115-5M-450SL                                                                          | 450               | 4.5                 |
| 1125-5M-450SL                                                                          | 450               | 4.5                 |
| 1145-5M-450SL                                                                          | 450               | 4.6                 |
| 1175-5M-450SL                                                                          | 450               | 4.7                 |
| 1180-5M-450SL                                                                          | 450               | 4.7                 |
| 1195-5M-450SL                                                                          | 450               | 4.8                 |
| 1200-5M-450SL                                                                          | 450               | 4.8                 |
| 1210-5M-450SL                                                                          | 450               | 4.9                 |
| 1250-5M-450SL                                                                          | 450               | 5.0                 |
| 1270-5M-450SL                                                                          | 450               | 5.1                 |
| 1290-5M-450SL                                                                          | 450               | 5.2                 |
| 1295-5M-450SL                                                                          | 450               | 5.2                 |
| 1300-5M-450SL                                                                          | 450               | 5.2                 |
| 1340-5M-450SL                                                                          | 450               | 5.4                 |
| 1350-5M-450SL                                                                          | 450               | 5.4                 |
| 1375-5M-450SL                                                                          | 450               | 5.5                 |
| 1420-5M-450SL                                                                          | 450               | 5.7                 |
| 1450-5M-450SL                                                                          | 450               | 5.8                 |
| 1500-5M-450SL                                                                          | 450               | 6.0                 |
| 1595-5M-450SL                                                                          | 450               | 6.4                 |

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>5M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (5mm)</b> |                   |                     |
| 1600-5M-450SL                                                                          | 450               | 6.4                 |
| 1685-5M-450SL                                                                          | 450               | 6.8                 |
| 1690-5M-450SL                                                                          | 450               | 6.8                 |
| 1790-5M-450SL                                                                          | 450               | 7.2                 |
| 1800-5M-450SL                                                                          | 450               | 7.2                 |
| 1895-5M-440SL                                                                          | 440               | 7.5                 |
| 2000-5M-450SL                                                                          | 450               | 8.0                 |
| 2100-5M-450SL                                                                          | 450               | 8.4                 |
| 2350-5M-450SL                                                                          | 450               | 9.5                 |
| 2525-5M-450SL                                                                          | 450               | 10.2                |
| 2635-5M-450SL                                                                          | 450               | 10.6                |
| 4260-5M-440SL                                                                          | 440               | 16.8                |
| 288-8M-450SL                                                                           | 450               | 1.7                 |
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b> |                   |                     |
| 320-8M-450SL                                                                           | 450               | 1.7                 |
| 368-8M-450SL                                                                           | 450               | 2.0                 |
| 400-8M-450SL                                                                           | 450               | 2.2                 |
| 408-8M-450SL                                                                           | 450               | 2.2                 |
| 424-8M-450SL                                                                           | 450               | 2.3                 |
| 440-8M-450SL                                                                           | 450               | 2.4                 |
| 448-8M-450SL                                                                           | 450               | 2.4                 |
| 480-8M-450SL                                                                           | 450               | 2.6                 |
| 512-8M-450SL                                                                           | 450               | 2.8                 |
| 520-8M-450SL                                                                           | 450               | 2.8                 |
| 536-8M-450SL                                                                           | 450               | 2.9                 |
| 544-8M-450SL                                                                           | 450               | 3.0                 |
| 560-8M-450SL                                                                           | 450               | 3.0                 |
| 568-8M-450SL                                                                           | 450               | 3.1                 |
| 576-8M-450SL                                                                           | 450               | 3.1                 |
| 584-8M-450SL                                                                           | 450               | 3.2                 |
| 592-8M-450SL                                                                           | 450               | 3.2                 |
| 600-8M-450SL                                                                           | 450               | 3.3                 |

# Synchro-Cog® HT

## Sleeves

### Synchro-Cog® HT Sleeve Part Numbers

| Part Number                                                                                | Sleeve Width (mm) | Sleeve Weight (lbs) |
|--------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, OD, Taper Bushed (8mm)</b> |                   |                     |
| 608-8M-450SL                                                                               | 450               | 3.3                 |
| 624-8M-450SL                                                                               | 450               | 3.4                 |
| 632-8M-450SL                                                                               | 450               | 3.4                 |
| 640-8M-450SL                                                                               | 450               | 3.5                 |
| 648-8M-450SL                                                                               | 450               | 3.5                 |
| 656-8M-450SL                                                                               | 450               | 3.6                 |
| 680-8M-450SL                                                                               | 450               | 3.7                 |
| 688-8M-450SL                                                                               | 450               | 3.7                 |
| 696-8M-450SL                                                                               | 450               | 3.8                 |
| 712-8M-450SL                                                                               | 450               | 3.9                 |
| 720-8M-450SL                                                                               | 450               | 3.9                 |
| 760-8M-450SL                                                                               | 450               | 4.1                 |
| 768-8M-450SL                                                                               | 450               | 4.2                 |
| 776-8M-450SL                                                                               | 450               | 4.2                 |
| 784-8M-450SL                                                                               | 450               | 4.3                 |
| 792-8M-450SL                                                                               | 450               | 4.3                 |
| 800-8M-450SL                                                                               | 450               | 4.3                 |
| 816-8M-450SL                                                                               | 450               | 4.4                 |
| 824-8M-450SL                                                                               | 450               | 4.5                 |
| 840-8M-450SL                                                                               | 450               | 4.6                 |
| 848-8M-450SL                                                                               | 450               | 4.6                 |
| 856-8M-450SL                                                                               | 450               | 4.7                 |
| 864-8M-450SL                                                                               | 450               | 4.7                 |
| 880-8M-450SL                                                                               | 450               | 4.8                 |
| 896-8M-450SL                                                                               | 450               | 4.9                 |
| 912-8M-450SL                                                                               | 450               | 5.0                 |
| 920-8M-450SL                                                                               | 450               | 5.0                 |
| 928-8M-450SL                                                                               | 450               | 5.0                 |
| 936-8M-450SL                                                                               | 450               | 5.1                 |
| 944-8M-450SL                                                                               | 450               | 5.1                 |
| 952-8M-450SL                                                                               | 450               | 5.2                 |
| 960-8M-450SL                                                                               | 450               | 5.2                 |
| 968-8M-450SL                                                                               | 450               | 5.3                 |

| Part Number                                                                                | Sleeve Width (mm) | Sleeve Weight (lbs) |
|--------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, OD, Taper Bushed (8mm)</b> |                   |                     |
| 976-8M-450SL                                                                               | 450               | 5.3                 |
| 1000-8M-450SL                                                                              | 450               | 5.4                 |
| 1016-8M-450SL                                                                              | 450               | 5.5                 |
| 1024-8M-450SL                                                                              | 450               | 5.6                 |
| 1040-8M-450SL                                                                              | 450               | 5.7                 |
| 1056-8M-450SL                                                                              | 450               | 5.7                 |
| 1064-8M-450SL                                                                              | 450               | 5.8                 |
| 1080-8M-450SL                                                                              | 450               | 5.9                 |
| 1104-8M-450SL                                                                              | 450               | 6.0                 |
| 1120-8M-450SL                                                                              | 450               | 6.1                 |
| 1128-8M-450SL                                                                              | 450               | 6.1                 |
| 1136-8M-450SL                                                                              | 450               | 6.2                 |
| 1152-8M-450SL                                                                              | 450               | 6.3                 |
| 1160-8M-450SL                                                                              | 450               | 6.3                 |
| 1168-8M-450SL                                                                              | 450               | 6.3                 |
| 1184-8M-450SL                                                                              | 450               | 6.4                 |
| 1200-8M-450SL                                                                              | 450               | 6.5                 |
| 1208-8M-450SL                                                                              | 450               | 6.6                 |
| 1216-8M-450SL                                                                              | 450               | 6.6                 |
| 1224-8M-450SL                                                                              | 450               | 6.7                 |
| 1240-8M-450SL                                                                              | 450               | 6.7                 |
| 1248-8M-450SL                                                                              | 450               | 6.8                 |
| 1256-8M-450SL                                                                              | 450               | 6.8                 |
| 1264-8M-450SL                                                                              | 450               | 6.9                 |
| 1272-8M-450SL                                                                              | 450               | 6.9                 |
| 1280-8M-450SL                                                                              | 450               | 7.0                 |
| 1304-8M-450SL                                                                              | 450               | 7.1                 |
| 1312-8M-450SL                                                                              | 450               | 7.1                 |
| 1320-8M-450SL                                                                              | 450               | 7.2                 |
| 1328-8M-450SL                                                                              | 450               | 7.2                 |
| 1344-8M-450SL                                                                              | 450               | 7.3                 |
| 1352-8M-450SL                                                                              | 450               | 7.3                 |
| 1360-8M-450SL                                                                              | 450               | 7.4                 |

# Synchro-Cog® HT

## Sleeves

Part Number Example: **1600-8M-440SL** = **1600** - **8M** - **440** **SL**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)      Sleeve

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b> |                   |                     |
| 1376-8M-450SL                                                                          | 450               | 7.5                 |
| 1392-8M-450SL                                                                          | 450               | 7.6                 |
| 1400-8M-440SL                                                                          | 440               | 7.4                 |
| 1424-8M-440SL                                                                          | 440               | 7.6                 |
| 1440-8M-440SL                                                                          | 440               | 7.7                 |
| 1456-8M-440SL                                                                          | 440               | 7.7                 |
| 1464-8M-440SL                                                                          | 440               | 7.8                 |
| 1480-8M-440SL                                                                          | 440               | 7.9                 |
| 1512-8M-440SL                                                                          | 440               | 8.0                 |
| 1520-8M-440SL                                                                          | 440               | 8.1                 |
| 1552-8M-440SL                                                                          | 440               | 8.2                 |
| 1560-8M-440SL                                                                          | 440               | 8.3                 |
| 1576-8M-440SL                                                                          | 440               | 8.4                 |
| 1584-8M-440SL                                                                          | 440               | 8.4                 |
| 1600-8M-440SL                                                                          | 440               | 8.5                 |
| 1640-8M-440SL                                                                          | 440               | 8.7                 |
| 1648-8M-440SL                                                                          | 440               | 8.8                 |
| 1680-8M-440SL                                                                          | 440               | 8.9                 |
| 1696-8M-400SL                                                                          | 400               | 8.2                 |
| 1728-8M-440SL                                                                          | 440               | 9.2                 |
| 1744-8M-440SL                                                                          | 440               | 9.3                 |
| 1752-8M-440SL                                                                          | 440               | 9.3                 |
| 1760-8M-440SL                                                                          | 440               | 9.4                 |
| 1784-8M-440SL                                                                          | 440               | 9.5                 |
| 1792-8M-440SL                                                                          | 440               | 9.5                 |
| 1800-8M-440SL                                                                          | 440               | 9.6                 |
| 1840-8M-440SL                                                                          | 440               | 9.8                 |
| 1856-8M-440SL                                                                          | 440               | 9.9                 |
| 1896-8M-440SL                                                                          | 440               | 10.1                |
| 1904-8M-440SL                                                                          | 440               | 10.1                |
| 1920-8M-440SL                                                                          | 440               | 10.2                |
| 1928-8M-440SL                                                                          | 440               | 10.2                |
| 1936-8M-440SL                                                                          | 440               | 10.3                |

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b> |                   |                     |
| 1952-8M-440SL                                                                          | 440               | 10.4                |
| 1992-8M-440SL                                                                          | 440               | 10.6                |
| 2000-8M-440SL                                                                          | 440               | 10.6                |
| 2056-8M-440SL                                                                          | 440               | 10.9                |
| 2080-8M-440SL                                                                          | 440               | 11.1                |
| 2104-8M-440SL                                                                          | 440               | 11.2                |
| 2136-8M-440SL                                                                          | 440               | 11.4                |
| 2160-8M-440SL                                                                          | 440               | 11.5                |
| 2208-8M-440SL                                                                          | 440               | 11.7                |
| 2240-8M-440SL                                                                          | 440               | 11.9                |
| 2272-8M-440SL                                                                          | 440               | 12.1                |
| 2304-8M-440SL                                                                          | 440               | 12.2                |
| 2328-8M-440SL                                                                          | 440               | 12.4                |
| 2392-8M-440SL                                                                          | 440               | 12.7                |
| 2400-8M-440SL                                                                          | 440               | 12.8                |
| 2504-8M-440SL                                                                          | 440               | 13.3                |
| 2584-8M-440SL                                                                          | 440               | 13.7                |
| 2600-8M-440SL                                                                          | 440               | 13.8                |
| 2656-8M-440SL                                                                          | 440               | 14.1                |
| 2736-8M-440SL                                                                          | 440               | 14.5                |
| 2800-8M-440SL                                                                          | 440               | 14.9                |
| 3048-8M-440SL                                                                          | 440               | 16.2                |
| 3120-8M-440SL                                                                          | 440               | 16.6                |
| 3168-8M-440SL                                                                          | 440               | 16.8                |
| 3200-8M-440SL                                                                          | 440               | 17.0                |
| 3280-8M-440SL                                                                          | 440               | 17.4                |
| 3400-8M-440SL                                                                          | 440               | 18.1                |
| 3600-8M-440SL                                                                          | 440               | 19.1                |
| 3824-8M-440SL                                                                          | 440               | 20.3                |
| 4000-8M-440SL                                                                          | 440               | 21.3                |
| 4400-8M-180SL                                                                          | 180               | 9.6                 |
| 5120-8M-240SL                                                                          | 240               | 14.8                |
| 5576-8M-440SL                                                                          | 440               | 29.6                |

# Synchro-Cog® HT

## Sleeves

### Synchro-Cog® HT Sleeve Part Numbers

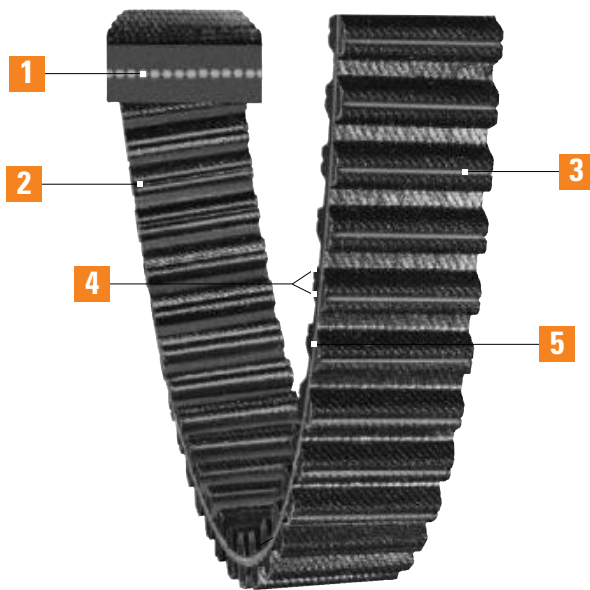
Part Number Example: **1400-14M-440SL** = **1400** – **14M** – **440** **SL**  
Pitch Length (millimeters)      Tooth Pitch (HTD profile)      Width (millimeters)      Sleeve

| Part Number                                                                                  | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, QD, Taper Bushed (8mm)</b>   |                   |                     |
| 5600-8M-440SL                                                                                | 440               | 29.8                |
| 5960-8M-240SL                                                                                | 240               | 17.3                |
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, QD, Taper Bushed (14mm)</b> |                   |                     |
| 966-14M-440SL                                                                                | 440               | 8.3                 |
| 1036-14M-440SL                                                                               | 440               | 8.9                 |
| 1092-14M-440SL                                                                               | 440               | 9.4                 |
| 1120-14M-440SL                                                                               | 440               | 9.7                 |
| 1148-14M-440SL                                                                               | 440               | 9.9                 |
| 1190-14M-440SL                                                                               | 440               | 10.3                |
| 1246-14M-440SL                                                                               | 440               | 10.7                |
| 1260-14M-440SL                                                                               | 440               | 10.9                |
| 1288-14M-440SL                                                                               | 440               | 11.0                |
| 1316-14M-440SL                                                                               | 440               | 11.3                |
| 1344-14M-440SL                                                                               | 440               | 11.6                |
| 1400-14M-440SL                                                                               | 440               | 12.1                |
| 1442-14M-440SL                                                                               | 440               | 12.4                |
| 1456-14M-440SL                                                                               | 440               | 12.5                |
| 1470-14M-440SL                                                                               | 440               | 12.7                |
| 1540-14M-440SL                                                                               | 440               | 13.3                |
| 1568-14M-440SL                                                                               | 440               | 13.5                |
| 1610-14M-440SL                                                                               | 440               | 13.9                |
| 1652-14M-440SL                                                                               | 440               | 14.2                |
| 1750-14M-440SL                                                                               | 440               | 15.1                |
| 1764-14M-440SL                                                                               | 440               | 15.2                |
| 1778-14M-440SL                                                                               | 440               | 15.3                |
| 1792-14M-440SL                                                                               | 440               | 15.4                |
| 1806-14M-440SL                                                                               | 440               | 15.6                |
| 1820-14M-440SL                                                                               | 440               | 15.7                |
| 1890-14M-440SL                                                                               | 440               | 16.3                |
| 1932-14M-440SL                                                                               | 440               | 16.6                |
| 1960-14M-440SL                                                                               | 440               | 16.9                |
| 2100-14M-440SL                                                                               | 440               | 18.1                |

| Part Number                                                                                  | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets:<br/>MPB, QD, Taper Bushed (14mm)</b> |                   |                     |
| 2240-14M-440SL                                                                               | 440               | 19.3                |
| 2310-14M-440SL                                                                               | 440               | 19.9                |
| 2450-14M-440SL                                                                               | 440               | 21.1                |
| 2590-14M-440SL                                                                               | 440               | 22.3                |
| 2660-14M-440SL                                                                               | 440               | 22.9                |
| 2800-14M-440SL                                                                               | 440               | 24.1                |
| 3108-14M-430SL                                                                               | 430               | 26.2                |
| 3150-14M-430SL                                                                               | 430               | 26.5                |
| 3304-14M-430SL                                                                               | 430               | 27.8                |
| 3360-14M-430SL                                                                               | 430               | 28.3                |
| 3500-14M-430SL                                                                               | 430               | 29.5                |
| 3668-14M-430SL                                                                               | 430               | 30.9                |
| 3850-14M-430SL                                                                               | 430               | 32.4                |
| 4326-14M-350SL                                                                               | 350               | 29.6                |
| 4536-14M-430SL                                                                               | 430               | 38.2                |
| 4578-14M-230SL                                                                               | 230               | 20.6                |
| 4956-14M-430SL                                                                               | 430               | 41.7                |
| 5320-14M-430SL                                                                               | 430               | 44.8                |
| 5740-14M-430SL                                                                               | 430               | 48.3                |
| 6160-14M-430SL                                                                               | 430               | 51.9                |
| 6860-14M-430SL                                                                               | 430               | 57.8                |

# Dual RPP®

## Synchronous Drive Belt



**1 Ultra-Cord® Tensile Member**  
High strength  
Low tension decay  
Dimensional stability

**2 Nylon Tooth Facing**  
Graphite-loaded  
Self-lubricating  
Wear resistant

**3 RPP® Profile**  
Efficient transfer of power  
Jump and shear resistant  
Quiet

**4 Load Capacity**  
100% on both side of the belt

**5 Advanced Polymer Compound**  
Excellent performance  
Long belt life

**Recommended Sprockets:**  
High Torque Synchronous Sprockets – MPB, QD, Taper Bushed (8mm, 14mm)

Superior performance

Smaller, more compact system

Reduced drive weight and space

100% load capacity on both sides

**Applications:**

- Printing presses
- Mixers
- Agitators
- Machine tools
- Robotics
- Sewing machines
- Vending machines
- & More

Synchronous Belts

V- Belts

Specialty Belts

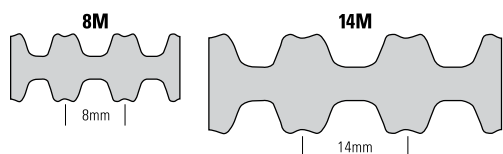
Tools

General Information



# Dual RPP®

## Synchronous Drive Belt



**Proven performance from both sides of the belt for greater flexibility and efficiency in your drive design.**

### **The Dual RPP® Synchronous Belt**

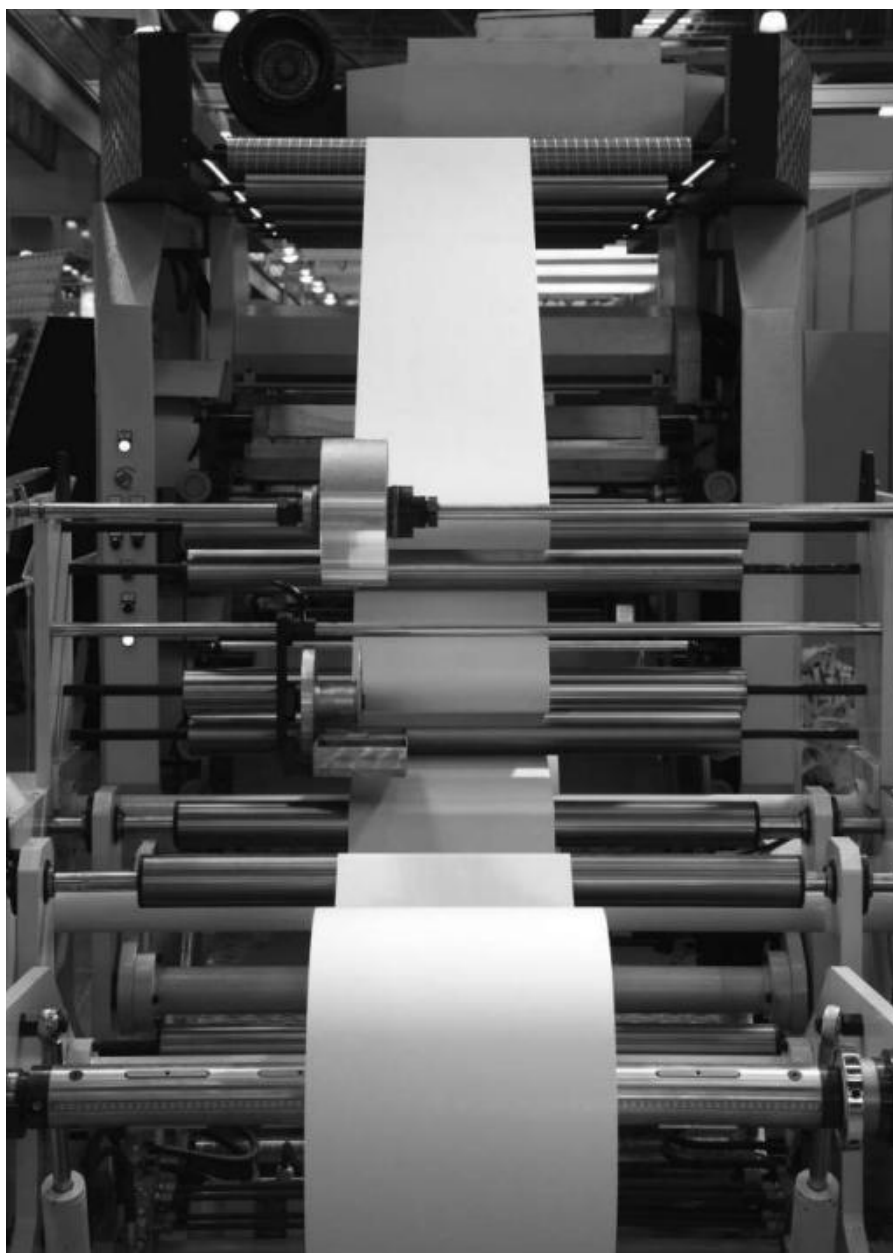
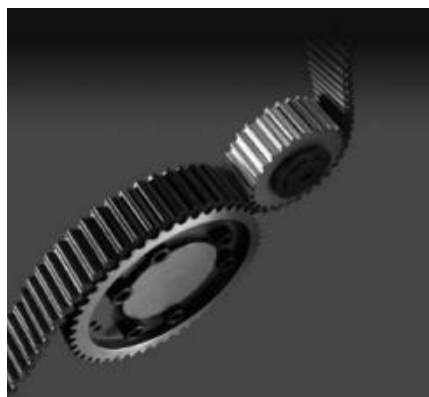
yields proven performance in a double-sided curvilinear design providing maintenance-free synchronization that delivers 100% load capacity from both sides of the belt.

**Molded teeth** with RPP profile provide excellent resistance to tooth jump and shear.

**The manufacturing process** allows for equal load capacity on both sides of the belt, a feature not found in many dual sided belts on the market. Achieve greater drive design flexibility and efficiency with Timken Dual RPP Synchronous belts.

**Choose Dual Synchronous Belts** for a compact, efficient, quiet, and smooth running drive.

Available in 8M and 14M tooth profiles



# Dual RPP®

## Synchronous Drive Belt

### Dual RPP Synchronous Part Numbers

| Part Number                                                                     | Number Of Teeth | Pitch Length |       | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|-------|--------------|
|                                                                                 |                 | (mm)         | (in)  |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |       |              |
| D720-8M-20                                                                      | 90              | 720          | 28.00 | 0.2          |
| D720-8M-30                                                                      | 90              | 720          | 28.00 | 0.3          |
| D720-8M-50                                                                      | 90              | 720          | 28.00 | 0.6          |
| D720-8M-85                                                                      | 90              | 720          | 28.00 | 1.0          |
| D800-8M-15                                                                      | 100             | 800          | 32.00 | 0.2          |
| D800-8M-20                                                                      | 100             | 800          | 32.00 | 0.3          |
| D800-8M-30                                                                      | 100             | 800          | 32.00 | 0.4          |
| D800-8M-50                                                                      | 100             | 800          | 32.00 | 0.6          |
| D800-8M-85                                                                      | 100             | 800          | 32.00 | 1.1          |
| D840-8M-20                                                                      | 105             | 840          | 33.00 | 0.3          |
| D840-8M-30                                                                      | 105             | 840          | 33.00 | 0.4          |
| D840-8M-50                                                                      | 105             | 840          | 33.00 | 0.7          |
| D840-8M-85                                                                      | 105             | 840          | 33.00 | 1.1          |
| D880-8M-20                                                                      | 110             | 880          | 35.00 | 0.3          |
| D880-8M-30                                                                      | 110             | 880          | 35.00 | 0.4          |
| D880-8M-50                                                                      | 110             | 880          | 35.00 | 0.7          |
| D880-8M-85                                                                      | 110             | 880          | 35.00 | 1.2          |
| D920-8M-20                                                                      | 115             | 920          | 36.20 | 0.3          |
| D920-8M-30                                                                      | 115             | 920          | 36.20 | 0.4          |
| D920-8M-50                                                                      | 115             | 920          | 36.20 | 0.7          |
| D920-8M-85                                                                      | 115             | 920          | 36.20 | 1.3          |
| D960-8M-20                                                                      | 120             | 960          | 38.00 | 0.3          |
| D960-8M-30                                                                      | 120             | 960          | 38.00 | 0.5          |
| D960-8M-50                                                                      | 120             | 960          | 38.00 | 0.8          |
| D960-8M-85                                                                      | 120             | 960          | 38.00 | 1.3          |
| D1040-8M-20                                                                     | 130             | 1040         | 41    | 0.3          |
| D1040-8M-30                                                                     | 130             | 1040         | 41    | 0.5          |
| D1040-8M-50                                                                     | 130             | 1040         | 41    | 0.8          |
| D1040-8M-85                                                                     | 130             | 1040         | 41    | 1.4          |
| D1120-8M-12                                                                     | 140             | 1120         | 44    | 0.2          |
| D1120-8M-15                                                                     | 140             | 1120         | 44    | 0.2          |
| D1120-8M-20                                                                     | 140             | 1120         | 44    | 0.4          |
| D1120-8M-30                                                                     | 140             | 1120         | 44    | 0.5          |

Part Number Example: **D1200-8M-50** =

**D**      **1200**      **8M**      **55**  
 Dual Sided   Pitch Length   Tooth Pitch   Width  
 Construction   (millimeters)   (RPP tooth profile)   (millimeters)

| Part Number                                                                     | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|---------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                 |                 | (mm)         | (in) |              |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm) |                 |              |      |              |
| D1120-8M-50                                                                     | 140             | 1120         | 44   | 0.9          |
| D1120-8M-85                                                                     | 140             | 1120         | 44   | 1.5          |
| D1200-8M-20                                                                     | 150             | 1200         | 47   | 0.4          |
| D1200-8M-30                                                                     | 150             | 1200         | 47   | 0.6          |
| D1200-8M-50                                                                     | 150             | 1200         | 47   | 1.0          |
| D1200-8M-85                                                                     | 150             | 1200         | 47   | 1.6          |
| D1224-8M-20                                                                     | 153             | 1224         | 48   | 0.4          |
| D1224-8M-30                                                                     | 153             | 1224         | 48   | 0.6          |
| D1224-8M-50                                                                     | 153             | 1224         | 48   | 1.0          |
| D1224-8M-85                                                                     | 153             | 1224         | 48   | 1.7          |
| D1280-8M-20                                                                     | 160             | 1280         | 50   | 0.4          |
| D1280-8M-30                                                                     | 160             | 1280         | 50   | 0.6          |
| D1280-8M-50                                                                     | 160             | 1280         | 50   | 1.0          |
| D1280-8M-85                                                                     | 160             | 1280         | 50   | 1.7          |
| D1440-8M-16.5                                                                   | 180             | 1440         | 57   | 0.4          |
| D1440-8M-20                                                                     | 180             | 1440         | 57   | 0.5          |
| D1440-8M-30                                                                     | 180             | 1440         | 57   | 0.7          |
| D1440-8M-40                                                                     | 180             | 1440         | 57   | 1.7          |
| D1440-8M-50                                                                     | 180             | 1440         | 57   | 1.2          |
| D1440-8M-85                                                                     | 180             | 1440         | 57   | 2.0          |
| D1600-8M-20                                                                     | 200             | 1600         | 63   | 0.5          |
| D1600-8M-30                                                                     | 200             | 1600         | 63   | 0.6          |
| D1600-8M-35                                                                     | 200             | 1600         | 63   | 0.7          |
| D1600-8M-43                                                                     | 200             | 1600         | 63   | 0.8          |
| D1600-8M-50                                                                     | 200             | 1600         | 63   | 1.3          |
| D1600-8M-85                                                                     | 200             | 1600         | 63   | 2.2          |
| D1760-8M-20                                                                     | 220             | 1760         | 69   | 0.6          |
| D1760-8M-30                                                                     | 220             | 1760         | 69   | 0.8          |
| D1760-8M-50                                                                     | 220             | 1760         | 69   | 1.4          |
| D1760-8M-85                                                                     | 220             | 1760         | 69   | 2.4          |
| D1760-8M-170                                                                    | 220             | 1760         | 69   | 2.5          |
| D1800-8M-16                                                                     | 225             | 1800         | 71   | 0.6          |
| D1800-8M-20                                                                     | 225             | 1800         | 71   | 0.7          |

# Dual RPP®

## Synchronous Drive Belt

### Dual RPP Synchronous Part Numbers

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| D1800-8M-25                                                                        | 225                | 1800         | 71   | 1.0             |
| D1800-8M-30                                                                        | 225                | 1800         | 71   | 1.1             |
| D1800-8M-32                                                                        | 225                | 1800         | 71   | 1.2             |
| D1800-8M-42.5                                                                      | 225                | 1800         | 71   | 1.3             |
| D1800-8M-50                                                                        | 225                | 1800         | 71   | 1.4             |
| D1800-8M-85                                                                        | 225                | 1800         | 71   | 1.5             |
| D2000-8M-16                                                                        | 250                | 2000         | 79   | 0.6             |
| D2000-8M-19                                                                        | 250                | 2000         | 79   | 0.6             |
| D2000-8M-20                                                                        | 250                | 2000         | 79   | 0.6             |
| D2000-8M-30                                                                        | 250                | 2000         | 79   | 1.0             |
| D2000-8M-50                                                                        | 250                | 2000         | 79   | 1.6             |
| D2000-8M-85                                                                        | 250                | 2000         | 79   | 2.7             |
| D2200-8M-15                                                                        | 275                | 2200         | 87   | 0.5             |
| D2200-8M-20                                                                        | 275                | 2200         | 87   | 0.7             |
| D2200-8M-30                                                                        | 275                | 2200         | 87   | 1.1             |
| D2200-8M-50                                                                        | 275                | 2200         | 87   | 1.8             |
| D2200-8M-85                                                                        | 275                | 2200         | 87   | 3.0             |
| D2400-8M-20                                                                        | 300                | 2400         | 94   | 0.8             |
| D2400-8M-30                                                                        | 300                | 2400         | 94   | 1.2             |
| D2400-8M-50                                                                        | 300                | 2400         | 94   | 1.9             |
| D2400-8M-85                                                                        | 300                | 2400         | 94   | 3.3             |
| D2600-8M-20                                                                        | 325                | 2600         | 102  | 0.8             |
| D2600-8M-30                                                                        | 325                | 2600         | 102  | 1.3             |
| D2600-8M-35                                                                        | 325                | 2600         | 102  | 1.5             |
| D2600-8M-50                                                                        | 325                | 2600         | 102  | 2.1             |
| D2600-8M-85                                                                        | 325                | 2600         | 102  | 3.5             |
| D2800-8M-20                                                                        | 350                | 2800         | 110  | 0.9             |
| D2800-8M-30                                                                        | 350                | 2800         | 110  | 1.3             |
| D2800-8M-50                                                                        | 350                | 2800         | 110  | 2.2             |
| D2800-8M-85                                                                        | 350                | 2800         | 110  | 3.8             |
| D3048-8M-20                                                                        | 381                | 3048         | 120  | 1.0             |
| D3048-8M-30                                                                        | 381                | 3048         | 120  | 1.5             |
| D3048-8M-50                                                                        | 381                | 3048         | 120  | 2.4             |

| Part<br>Number                                                                     | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                    |                    | (mm)         | (in) |                 |
| 8M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, QD, Taper Bushed (8mm) |                    |              |      |                 |
| D3048-8M-85                                                                        | 381                | 3048         | 120  | 4.2             |
| D3280-8M-20                                                                        | 410                | 3280         | 129  | 1.1             |
| D3280-8M-30                                                                        | 410                | 3280         | 129  | 1.6             |
| D3280-8M-50                                                                        | 410                | 3280         | 129  | 2.6             |
| D3280-8M-85                                                                        | 410                | 3280         | 129  | 4.5             |
| D3600-8M-20                                                                        | 450                | 3600         | 142  | 1.2             |
| D3600-8M-30                                                                        | 450                | 3600         | 142  | 1.7             |
| D3600-8M-35                                                                        | 450                | 3600         | 142  | 1.9             |
| D3600-8M-50                                                                        | 450                | 3600         | 142  | 2.9             |
| D3600-8M-85                                                                        | 450                | 3600         | 142  | 4.9             |
| D4400-8M-20                                                                        | 550                | 4400         | 173  | 1.4             |
| D4400-8M-30                                                                        | 550                | 4400         | 173  | 2.1             |
| D4400-8M-50                                                                        | 550                | 4400         | 173  | 3.5             |
| D4400-8M-85                                                                        | 550                | 4400         | 173  | 6.0             |
| 14M Pitch – High Torque Synchronous Sprockets:<br>MPB, QD, Taper Bushed (14mm)     |                    |              |      |                 |
| D966-14M-40                                                                        | 69                 | 966          | 38   | 1.0             |
| D966-14M-55                                                                        | 69                 | 966          | 38   | 1.4             |
| D966-14M-85                                                                        | 69                 | 966          | 38   | 2.1             |
| D966-14M-115                                                                       | 69                 | 966          | 38   | 2.9             |
| D966-14M-170                                                                       | 69                 | 966          | 38   | 4.2             |
| D1190-14M-35                                                                       | 85                 | 1190         | 47   | 1.1             |
| D1190-14M-40                                                                       | 85                 | 1190         | 47   | 1.2             |
| D1190-14M-55                                                                       | 85                 | 1190         | 47   | 1.7             |
| D1190-14M-85                                                                       | 85                 | 1190         | 47   | 2.6             |
| D1190-14M-115                                                                      | 85                 | 1190         | 47   | 3.5             |
| D1190-14M-170                                                                      | 85                 | 1190         | 47   | 5.2             |
| D1400-14M-35                                                                       | 100                | 1400         | 55   | 1.3             |
| D1400-14M-40                                                                       | 100                | 1400         | 55   | 1.4             |
| D1400-14M-55                                                                       | 100                | 1400         | 55   | 2.0             |
| D1400-14M-85                                                                       | 100                | 1400         | 55   | 3.1             |
| D1400-14M-115                                                                      | 100                | 1400         | 55   | 4.1             |
| D1400-14M-170                                                                      | 100                | 1400         | 55   | 6.1             |

# Dual RPP®

## Synchronous Drive Belt

Part Number Example: **D2450-14M-55** =

**D**      **2450**      **14M**      **55**  
 Dual Sided      Pitch Length      Tooth Pitch      Width  
 Construction      (millimeters)      (RPP tooth profile)      (millimeters)

| Part Number                                                                       | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                   |                 | (mm)         | (in) |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |      |              |
| D1610-14M-40                                                                      | 115             | 1610         | 63   | 1.7          |
| D1610-14M-55                                                                      | 115             | 1610         | 63   | 2.3          |
| D1610-14M-85                                                                      | 115             | 1610         | 63   | 3.5          |
| D1610-14M-115                                                                     | 115             | 1610         | 63   | 4.8          |
| D1610-14M-170                                                                     | 115             | 1610         | 63   | 7.0          |
| D1764-14M-40                                                                      | 126             | 1764         | 69   | 1.8          |
| D1778-14M-25                                                                      | 127             | 1778         | 70   | 1.1          |
| D1778-14M-30                                                                      | 127             | 1778         | 70   | 1.4          |
| D1778-14M-40                                                                      | 127             | 1778         | 70   | 1.8          |
| D1778-14M-55                                                                      | 127             | 1778         | 70   | 2.5          |
| D1778-14M-85                                                                      | 127             | 1778         | 70   | 3.9          |
| D1778-14M-115                                                                     | 127             | 1778         | 70   | 5.3          |
| D1778-14M-170                                                                     | 127             | 1778         | 70   | 7.8          |
| D1890-14M-30                                                                      | 135             | 1890         | 74   | 1.5          |
| D1890-14M-40                                                                      | 135             | 1890         | 74   | 1.9          |
| D1890-14M-55                                                                      | 135             | 1890         | 74   | 2.7          |
| D1890-14M-85                                                                      | 135             | 1890         | 74   | 4.1          |
| D1890-14M-115                                                                     | 135             | 1890         | 74   | 5.6          |
| D1890-14M-120                                                                     | 135             | 1890         | 74   | 6.6          |
| D1890-14M-170                                                                     | 135             | 1890         | 74   | 8.3          |
| D2100-14M-30                                                                      | 150             | 2100         | 83   | 2.0          |
| D2100-14M-40                                                                      | 150             | 2100         | 83   | 2.2          |
| D2100-14M-55                                                                      | 150             | 2100         | 83   | 3.0          |
| D2100-14M-75                                                                      | 150             | 2100         | 83   | 4.5          |
| D2100-14M-85                                                                      | 150             | 2100         | 83   | 4.6          |
| D2100-14M-115                                                                     | 150             | 2100         | 83   | 6.2          |
| D2100-14M-170                                                                     | 150             | 2100         | 83   | 9.2          |
| D2310-14M-40                                                                      | 165             | 2310         | 91   | 2.4          |
| D2310-14M-55                                                                      | 165             | 2310         | 91   | 3.3          |
| D2310-14M-85                                                                      | 165             | 2310         | 91   | 5.0          |
| D2310-14M-115                                                                     | 165             | 2310         | 91   | 6.8          |
| D2310-14M-170                                                                     | 165             | 2310         | 91   | 10.1         |
| D2450-14M-40                                                                      | 175             | 2450         | 96   | 2.5          |

| Part Number                                                                       | Number Of Teeth | Pitch Length |      | Weight (lbs) |
|-----------------------------------------------------------------------------------|-----------------|--------------|------|--------------|
|                                                                                   |                 | (mm)         | (in) |              |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm) |                 |              |      |              |
| D2450-14M-55                                                                      | 175             | 2450         | 96   | 3.5          |
| D2450-14M-85                                                                      | 175             | 2450         | 96   | 5.4          |
| D2450-14M-115                                                                     | 175             | 2450         | 96   | 7.2          |
| D2450-14M-170                                                                     | 175             | 2450         | 96   | 10.7         |
| D2590-14M-40                                                                      | 185             | 2590         | 102  | 2.7          |
| D2590-14M-55                                                                      | 185             | 2590         | 102  | 3.7          |
| D2590-14M-85                                                                      | 185             | 2590         | 102  | 5.7          |
| D2590-14M-115                                                                     | 185             | 2590         | 102  | 7.7          |
| D2590-14M-170                                                                     | 185             | 2590         | 102  | 11.3         |
| D2800-14M-40                                                                      | 200             | 2800         | 110  | 2.9          |
| D2800-14M-55                                                                      | 200             | 2800         | 110  | 4.0          |
| D2800-14M-85                                                                      | 200             | 2800         | 110  | 6.1          |
| D2800-14M-100                                                                     | 200             | 2800         | 110  | 6.8          |
| D2800-14M-115                                                                     | 200             | 2800         | 110  | 8.3          |
| D2800-14M-170                                                                     | 200             | 3150         | 110  | 12.2         |
| D3150-14M-40                                                                      | 225             | 3150         | 124  | 3.2          |
| D3150-14M-55                                                                      | 225             | 3150         | 124  | 4.5          |
| D3150-14M-85                                                                      | 225             | 3150         | 124  | 6.9          |
| D3150-14M-115                                                                     | 225             | 3150         | 124  | 9.3          |
| D3150-14M-170                                                                     | 225             | 3360         | 124  | 13.8         |
| D3360-14M-40                                                                      | 240             | 3360         | 132  | 3.5          |
| D3360-14M-55                                                                      | 240             | 3360         | 132  | 4.8          |
| D3360-14M-85                                                                      | 240             | 3360         | 132  | 7.3          |
| D3360-14M-115                                                                     | 240             | 3360         | 132  | 9.9          |
| D3360-14M-170                                                                     | 240             | 3360         | 132  | 14.7         |
| D3500-14M-20                                                                      | 250             | 3500         | 138  | 2.1          |
| D3500-14M-40                                                                      | 250             | 3500         | 138  | 3.6          |
| D3500-14M-55                                                                      | 250             | 3500         | 138  | 4.9          |
| D3500-14M-68                                                                      | 250             | 3500         | 138  | 5.2          |
| D3500-14M-85                                                                      | 250             | 3500         | 138  | 7.6          |
| D3500-14M-115                                                                     | 250             | 3500         | 138  | 10.3         |
| D3500-14M-170                                                                     | 250             | 3500         | 138  | 15.3         |
| D3850-14M-40                                                                      | 275             | 3850         | 152  | 4.0          |

# Dual RPP®

## Synchronous Drive Belt

### Dual RPP Synchronous Part Numbers

| Part<br>Number                                                                       | Number<br>Of Teeth | Pitch Length |      | Weight<br>(lbs) |
|--------------------------------------------------------------------------------------|--------------------|--------------|------|-----------------|
|                                                                                      |                    | (mm)         | (in) |                 |
| 14M Pitch – High Torque Synchronous (HTS) Sprockets:<br>MPB, OD, Taper Bushed (14mm) |                    |              |      |                 |
| D3850-14M-55                                                                         | 275                | 3850         | 152  | 5.4             |
| D3850-14M-85                                                                         | 275                | 3850         | 152  | 8.4             |
| D3850-14M-90                                                                         | 275                | 3850         | 152  | 11.2            |
| D3850-14M-115                                                                        | 275                | 3850         | 152  | 11.4            |
| D3850-14M-170                                                                        | 275                | 3850         | 152  | 16.8            |
| D4326-14M-40                                                                         | 309                | 4326         | 170  | 4.4             |
| D4326-14M-55                                                                         | 309                | 4326         | 170  | 6.1             |
| D4326-14M-85                                                                         | 309                | 4326         | 170  | 9.5             |
| D4326-14M-115                                                                        | 309                | 4326         | 170  | 12.8            |
| D4326-14M-170                                                                        | 309                | 4326         | 170  | 18.9            |
| D4578-14M-40                                                                         | 327                | 4578         | 180  | 0.5             |
| D4578-14M-55                                                                         | 327                | 4578         | 180  | 6.5             |
| D4578-14M-85                                                                         | 327                | 4578         | 180  | 10.0            |
| D4578-14M-115                                                                        | 327                | 4578         | 180  | 13.5            |
| D4578-14M-170                                                                        | 327                | 4578         | 180  | 20.0            |
| D4956-14M-40                                                                         | 354                | 4956         | 195  | 5.1             |
| D4956-14M-55                                                                         | 354                | 4956         | 195  | 7.0             |
| D4956-14M-85                                                                         | 354                | 4956         | 195  | 10.8            |
| D4956-14M-115                                                                        | 354                | 4956         | 195  | 14.7            |
| D4956-14M-170                                                                        | 354                | 4956         | 195  | 21.7            |
| D5320-14M-40                                                                         | 380                | 5320         | 209  | 6.1             |
| D5320-14M-55                                                                         | 380                | 5320         | 209  | 7.5             |
| D5320-14M-85                                                                         | 380                | 5320         | 209  | 11.6            |
| D5320-14M-115                                                                        | 380                | 5320         | 209  | 15.7            |

Part Number Example: **D3850-14M-55** =

|                         |                            |   |                                 |   |                     |
|-------------------------|----------------------------|---|---------------------------------|---|---------------------|
| <b>D</b>                | <b>3850</b>                | - | <b>14M</b>                      | - | <b>55</b>           |
| Dual Sided Construction | Pitch Length (millimeters) |   | Tooth Pitch (RPP tooth profile) |   | Width (millimeters) |

# Dual RPP® Synchronous Sleeves



- **Full factory width sleeves**
- **Sleeve edges are trimmed before shipment**
- **Sleeves cannot be accepted for return**

Timken Belts maintains inventory of most sleeve sizes. Contact customer service for availability. Minimum order quantity and/or extended lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.



## Dual RPP Synchronous Sleeve Part Numbers

| Part Number                                                                            | Sleeve Width (mm) | Sleeve Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>8M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (8mm)</b> |                   |                     |
| D720-8M-150SL                                                                          | 150               | 1.7                 |
| D800-8M-150SL                                                                          | 150               | 1.9                 |
| D840-8M-150SL                                                                          | 150               | 2.0                 |
| D880-8M-150SL                                                                          | 150               | 2.1                 |
| D920-8M-150SL                                                                          | 150               | 2.2                 |
| D960-8M-215SL                                                                          | 215               | 3.3                 |
| D1040-8M-215SL                                                                         | 215               | 3.6                 |
| D1120-8M-215SL                                                                         | 215               | 3.9                 |
| D1200-8M-215SL                                                                         | 215               | 4.1                 |
| D1224-8M-150SL                                                                         | 150               | 4.2                 |
| D1280-8M-215SL                                                                         | 215               | 4.4                 |
| D1440-8M-215SL                                                                         | 215               | 5.0                 |
| D1600-8M-215SL                                                                         | 215               | 5.5                 |
| D1760-8M-215SL                                                                         | 215               | 6.0                 |
| D1800-8M-215SL                                                                         | 215               | 6.2                 |
| D2000-8M-215SL                                                                         | 215               | 6.9                 |
| D2200-8M-215SL                                                                         | 215               | 7.6                 |
| D2400-8M-215SL                                                                         | 215               | 8.3                 |
| D2600-8M-215SL                                                                         | 215               | 9.0                 |
| D2800-8M-215SL                                                                         | 215               | 9.7                 |
| D3048-8M-215SL                                                                         | 215               | 10.5                |
| D3280-8M-215SL                                                                         | 215               | 11.3                |
| D3600-8M-215SL                                                                         | 215               | 12.4                |
| D4400-8M-215SL                                                                         | 215               | 15.2                |

# Dual RPP® Synchronous Sleeves

## Dual Synchronous Sleeve Part Numbers

| Part Number                                                                               | Sleeve Width (mm) | Sleeve Weight (lbs) |
|-------------------------------------------------------------------------------------------|-------------------|---------------------|
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, OD, Taper Bushed ( 14mm)</b> |                   |                     |
| D966-14M-170SL                                                                            | 170               | 4.2                 |
| D1190-14M-170SL                                                                           | 170               | 5.2                 |
| D1400-14M-215SL                                                                           | 215               | 7.7                 |
| D1610-14M-215SL                                                                           | 215               | 8.9                 |
| D1778-14M-215SL                                                                           | 215               | 9.8                 |
| D1890-14M-215SL                                                                           | 215               | 10.5                |
| D2100-14M-215SL                                                                           | 215               | 11.6                |
| D2310-14M-215SL                                                                           | 215               | 12.8                |
| D2450-14M-215SL                                                                           | 215               | 13.5                |
| D2590-14M-215SL                                                                           | 215               | 14.3                |
| D2800-14M-215SL                                                                           | 215               | 15.5                |
| D3150-14M-215SL                                                                           | 215               | 17.4                |
| D3360-14M-215SL                                                                           | 215               | 18.6                |
| D3500-14M-215SL                                                                           | 215               | 19.3                |
| D3850-14M-215SL                                                                           | 215               | 21.3                |
| D4326-14M-215SL                                                                           | 215               | 23.9                |
| D4578-14M-215SL                                                                           | 215               | 25.3                |
| D4956-14M-215SL                                                                           | 215               | 27.4                |

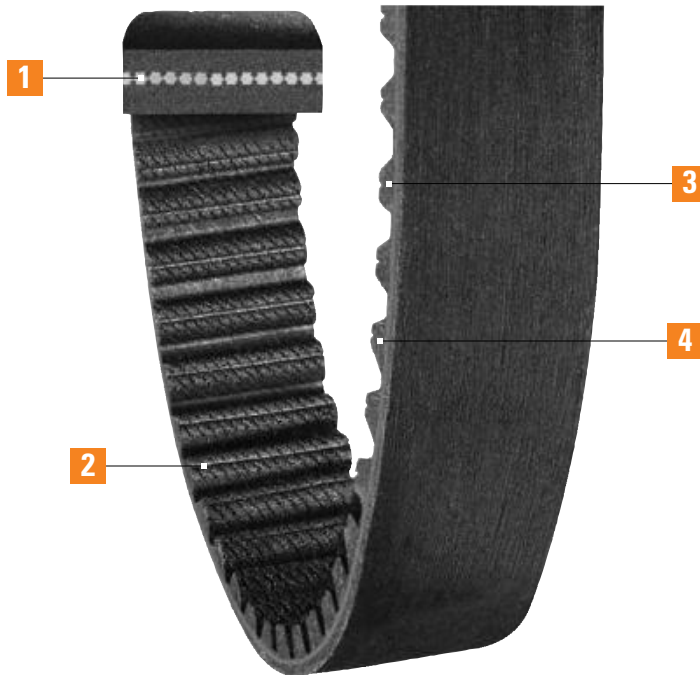
Part Number Example: **D1400-14M-215SL**

|                         |                            |   |                                 |   |                     |           |
|-------------------------|----------------------------|---|---------------------------------|---|---------------------|-----------|
| <b>D</b>                | <b>1400</b>                | - | <b>14M</b>                      | - | <b>215</b>          | <b>SL</b> |
| Dual Sided Construction | Pitch Length (millimeters) |   | Tooth Pitch (RPP tooth profile) |   | Width (millimeters) | Sleeve    |



# Air-Cooled Heat Exchanger (ACHE)

## Synchronous Drive Belt



**1 Ultra-Cord® Tensile Member**  
Long belt life  
High strength  
Low tension decay

**2 Nylon Tooth Facing**  
Graphite-loaded  
Self-lubricating  
Wear resistant

**3 RPP® Profile**  
Efficient transfer of power  
Jump and shear resistant

**4 Advanced Polymer Compound**  
High performance  
Long belt life

**Recommended Sprockets:**  
High Torque Synchronous Sprockets – MPB, QD, Taper Bushed (14mm)

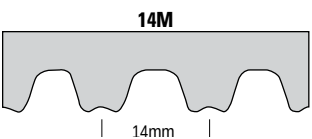
Special “Z” twist construction for air-cooled heat exchangers

Using only “Z” twist cord provides an upward direction of lateral movement which helps keep the belt off of the bottom flanges, reducing excessive wear on the bottom side of the belt

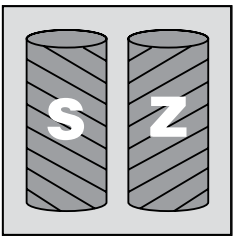
**Applications:**  
Air-cooled heat exchangers

# Air-Cooled Heat Exchanger (ACHE)

## Synchronous Drive Belt



Special “Z” twist cord construction for air-cooled heat exchanger applications.



Timken ACHE (Air-Cooled Heat Exchanger) synchronous belts are manufactured using a special construction. Because the drive has a vertical shaft, the belt is built with “Z” twist cords only.

This gives the belt an upward direction of lateral movement which reduces excessive wear on the bottom side of the belt.

The cord in a synchronous belt is made up of a number of small fiber strands twisted together. These strands can be twisted either clockwise or counterclockwise. The two twist directions are referred to as “S” twist and “Z” twist. To reduce lateral movement, most synchronous belts are constructed by alternately spiraling “S” and “Z” type cords. Timken ACHE belts use only “Z” twist cords to predetermine the lateral movement of the belt.

Part Number Example: **3150-14M-55F** =

|                               |   |                                    |   |                        |  |                              |
|-------------------------------|---|------------------------------------|---|------------------------|--|------------------------------|
| <b>3150</b>                   | - | <b>14M</b>                         | - | <b>55</b>              |  | <b>F</b>                     |
| Pitch Length<br>(millimeters) |   | Tooth Pitch<br>(RPP tooth profile) |   | Width<br>(millimeters) |  | Z-Twist<br>Cord Construction |

## Air-Cooled Heat Exchanger Belt Part Numbers

Note: Air-Cooled Heat Exchanger belts can be cut to different widths as needed

| Part Number                                                                              | Number of Teeth | Pitch Length (mm) | Pitch Length (inches) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|-----------------|-------------------|-----------------------|---------------|
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm)</b> |                 |                   |                       |               |
| 2800-14M-55F                                                                             | 200             | 2800              | 110.2                 | 3.1           |
| 2800-14M-85F                                                                             | 200             | 2800              | 110.2                 | 4.8           |
| 3150-14M-55F                                                                             | 225             | 3150              | 124.0                 | 3.5           |
| 3150-14M-85F                                                                             | 225             | 3150              | 124.0                 | 5.4           |
| 3360-14M-42F                                                                             | 240             | 3360              | 132.6                 | 2.8           |
| 3360-14M-55F                                                                             | 240             | 3360              | 132.6                 | 3.7           |
| 3360-14M-85F                                                                             | 240             | 3360              | 132.6                 | 5.7           |
| 3500-14M-25F                                                                             | 250             | 3500              | 137.8                 | 1.8           |
| 3500-14M-37F                                                                             | 250             | 3500              | 137.8                 | 2.6           |
| 3500-14M-40F                                                                             | 250             | 3500              | 137.8                 | 2.8           |
| 3500-14M-55F                                                                             | 250             | 3500              | 137.8                 | 3.9           |
| 3500-14M-85F                                                                             | 250             | 3500              | 137.8                 | 6.0           |
| 3850-14M-30F                                                                             | 275             | 3850              | 151.6                 | 2.3           |
| 3850-14M-40F                                                                             | 275             | 3850              | 151.6                 | 3.1           |
| 3850-14M-55F                                                                             | 275             | 3850              | 151.6                 | 4.2           |
| 3850-14M-85F                                                                             | 275             | 3850              | 151.6                 | 6.6           |
| 4326-14M-40F                                                                             | 309             | 4326              | 170.3                 | 3.5           |
| 4326-14M-55F                                                                             | 309             | 4326              | 170.3                 | 4.8           |
| 4326-14M-85F                                                                             | 309             | 4326              | 170.3                 | 7.4           |

# Air-Cooled Heat Exchanger (ACHE) Sleeves



- Full factory width sleeves
- Sleeve edges are trimmed before shipment
- Sleeves cannot be accepted for return

Timken Belts maintains inventory of most sleeve sizes. Contact customer service for availability. Minimum order quantity and/or extended lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.



Part Number Example: **3150-14M-570SLF** =

**3150** - **14M** - **570** **SL** **F**  
Pitch Length (millimeters)    Tooth Pitch RPP tooth profile    Width (millimeters)    Sleeve    Z-Twist Cord Construction

## Air-Cooled Heat Exchanger Sleeve Part Numbers

| Part Number                                                                              | Top Width (mm) | Sleeve Weight (lbs) |
|------------------------------------------------------------------------------------------|----------------|---------------------|
| <b>14M Pitch – High Torque Synchronous (HTS) Sprockets: MPB, QD, Taper Bushed (14mm)</b> |                |                     |
| 2800-14M-570SLF                                                                          | 570            | 32.0                |
| 3150-14M-570SLF                                                                          | 570            | 36.0                |
| 3360-14M-570SLF                                                                          | 570            | 38.4                |
| 3500-14M-570SLF                                                                          | 570            | 40.0                |
| 3850-14M-570SLF                                                                          | 570            | 44.0                |
| 4326-14M-570SLF                                                                          | 570            | 49.4                |

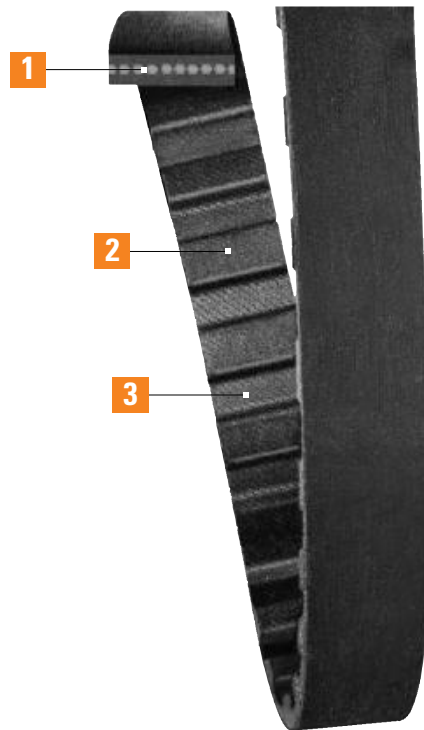
# Synchro-Cog® Timing Belt

## Synchronous Drive Belt



# Synchro-Cog® Timing Belt

## Synchronous Drive Belt



**1 Tensile Cord**  
Specially treated to provide strength, added flex life and resistance to stretching.

**2 Molded Teeth**  
Shear resistant. Designed to assure smooth, positive meshing with the sprocket.

**3 Tooth Fabric**  
Provides maximum flexibility and wear resistance for extended belt life.

**Recommended Pulleys:**  
Timing Pulleys – MPB, QD, Taper Bushed (XL, L, H, XH, XXH)

Trapezoidal tooth profile

Synchronization  
between driver and  
driven units

Low maintenance

Long life

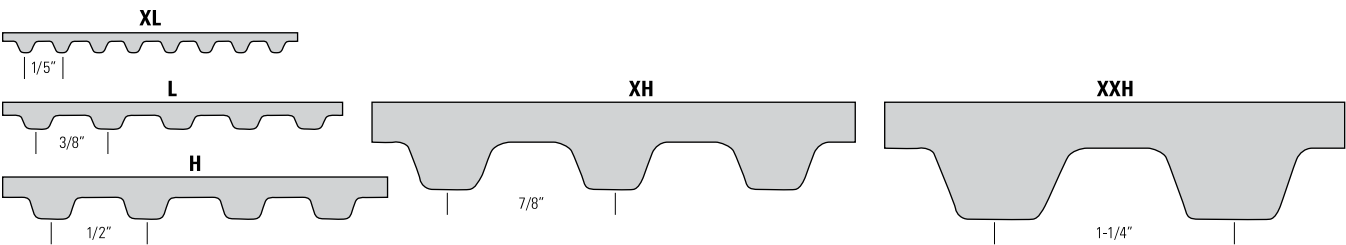
Clean and quiet

**Applications:**

Machine tools  
Sewing machines  
Packaging equipment  
Vending machines  
Food processing  
equipment  
& More

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt



The Synchro-Cog® Timing Belt has a trapezoidal tooth profile for applications where synchronization between the driving and driven units is required.

The first synchronous belts had a trapezoidal tooth profile and are often called timing belts. Use a Synchro-Cog® timing belt for energy efficient, low-maintenance performance on traditional positive drive applications.

Synchro-Cog timing belts provide a wide range of load capacities and speeds. Belts are oil, heat, and abrasion resistant. Molded teeth are sheer resistant and designed to assure smooth, positive meshing with the sprocket. A tough nylon tooth facing is wear resistant. High quality fiberglass cords are specially treated to provide strength, flex life and resistance to stretching.

Synchro-Cog belts are ideal for use in positioning applications or on inaccessible drives where maintenance is difficult. Synchro-Cog belts eliminate lubrication and re-tensioning, while providing a long service life.



|                                                                              |     |   |                    |                |
|------------------------------------------------------------------------------|-----|---|--------------------|----------------|
| Synchro-Cog trapezoidal timing belts are available in the following pitches: | XL  | = | Extra Light        | (0.200" pitch) |
|                                                                              | L   | = | Light              | (0.375" pitch) |
|                                                                              | H   | = | Heavy              | (0.500" pitch) |
|                                                                              | XH  | = | Extra Heavy        | (0.875" pitch) |
|                                                                              | XXH | = | Double Extra Heavy | (1.250" pitch) |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

### Synchro-Cog® Timing Belt Part Numbers

| Part Number                                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>XL (1/5") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XL)</b> |                 |                   |              |
| 50XL025                                                                                       | 25              | 5.0               | 0.01         |
| 50XL037                                                                                       | 25              | 5.0               | 0.01         |
| 60XL025                                                                                       | 30              | 6.0               | 0.05         |
| 60XL037                                                                                       | 30              | 6.0               | 0.08         |
| 70XL025                                                                                       | 35              | 7.0               | 0.01         |
| 70XL037                                                                                       | 35              | 7.0               | 0.01         |
| 80XL025                                                                                       | 40              | 8.0               | 0.01         |
| 80XL037                                                                                       | 40              | 8.0               | 0.01         |
| 90XL025                                                                                       | 45              | 9.0               | 0.01         |
| 90XL037                                                                                       | 45              | 9.0               | 0.01         |
| 100XL025                                                                                      | 50              | 10.0              | 0.01         |
| 100XL037                                                                                      | 50              | 10.0              | 0.01         |
| 110XL025                                                                                      | 55              | 11.0              | 0.01         |
| 110XL037                                                                                      | 55              | 11.0              | 0.01         |
| 120XL025                                                                                      | 60              | 12.0              | 0.01         |
| 120XL037                                                                                      | 60              | 12.0              | 0.02         |
| 130XL025                                                                                      | 65              | 13.0              | 0.01         |
| 130XL037                                                                                      | 65              | 13.0              | 0.02         |
| 140XL025                                                                                      | 70              | 14.0              | 0.01         |
| 140XL037                                                                                      | 70              | 14.0              | 0.02         |
| 150XL025                                                                                      | 75              | 15.0              | 0.01         |
| 150XL037                                                                                      | 75              | 15.0              | 0.02         |
| 160XL025                                                                                      | 80              | 16.0              | 0.01         |
| 160XL037                                                                                      | 80              | 16.0              | 0.02         |
| 170XL025                                                                                      | 85              | 17.0              | 0.02         |
| 170XL037                                                                                      | 85              | 17.0              | 0.02         |
| 180XL025                                                                                      | 90              | 18.0              | 0.02         |
| 180XL037                                                                                      | 90              | 18.0              | 0.02         |
| 190XL025                                                                                      | 95              | 19.0              | 0.02         |
| 190XL037                                                                                      | 95              | 19.0              | 0.03         |
| 200XL025                                                                                      | 100             | 20.0              | 0.02         |
| 200XL037                                                                                      | 100             | 20.0              | 0.03         |
| 210XL025                                                                                      | 105             | 21.0              | 0.02         |
| 210XL037                                                                                      | 105             | 21.0              | 0.03         |
| 220XL025                                                                                      | 110             | 22.0              | 0.02         |

Part Number Example: **210XL037** =

**210**      **XL**      **037**  
 Pitch Length      Tooth      Width  
 (inches in tenths: 21.0")      Pitch      (inches in tenths: 0.37")

| Part Number                                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>XL (1/5") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XL)</b> |                 |                   |              |
| 220XL037                                                                                      | 110             | 22.0              | 0.01         |
| 230XL025                                                                                      | 115             | 23.0              | 0.02         |
| 230XL037                                                                                      | 115             | 23.0              | 0.03         |
| 240XL025                                                                                      | 120             | 24.0              | 0.02         |
| 240XL037                                                                                      | 120             | 24.0              | 0.03         |
| 250XL025                                                                                      | 125             | 25.0              | 0.02         |
| 250XL037                                                                                      | 125             | 25.0              | 0.03         |
| 260XL025                                                                                      | 130             | 26.0              | 0.02         |
| 260XL037                                                                                      | 130             | 26.0              | 0.03         |
| 270XL025                                                                                      | 135             | 27.0              | 0.02         |
| 270XL037                                                                                      | 135             | 27.0              | 0.03         |
| 280XL025                                                                                      | 140             | 28.0              | 0.03         |
| 280XL037                                                                                      | 140             | 28.0              | 0.04         |
| 290XL025                                                                                      | 145             | 29.0              | 0.03         |
| 290XL037                                                                                      | 145             | 29.0              | 0.04         |
| 300XL025                                                                                      | 150             | 30.0              | 0.03         |
| 300XL037                                                                                      | 150             | 30.0              | 0.04         |
| 310XL025                                                                                      | 155             | 31.0              | 0.03         |
| 310XL037                                                                                      | 155             | 31.0              | 0.04         |
| 330XL025                                                                                      | 165             | 33.0              | 0.03         |
| 330XL037                                                                                      | 165             | 33.0              | 0.04         |
| 340XL025                                                                                      | 170             | 34.0              | 0.03         |
| 340XL037                                                                                      | 170             | 34.0              | 0.04         |
| 350XL025                                                                                      | 175             | 35.0              | 0.03         |
| 350XL037                                                                                      | 175             | 35.0              | 0.05         |
| 370XL025                                                                                      | 185             | 37.0              | 0.03         |
| 370XL037                                                                                      | 185             | 37.0              | 0.05         |
| 380XL025                                                                                      | 190             | 38.0              | 0.03         |
| 380XL037                                                                                      | 190             | 38.0              | 0.05         |
| 390XL025                                                                                      | 195             | 39.0              | 0.03         |
| 390XL037                                                                                      | 195             | 39.0              | 0.05         |
| 400XL025                                                                                      | 200             | 40.0              | 0.04         |
| 400XL037                                                                                      | 200             | 40.0              | 0.05         |
| 420XL025                                                                                      | 210             | 42.0              | 0.04         |
| 420XL037                                                                                      | 210             | 42.0              | 0.06         |



# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

### Synchro-Cog® Timing Belt Part Numbers

| Part Number                                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>XL (1/5") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XL)</b> |                 |                   |              |
| 450XL025                                                                                      | 225             | 45.0              | 0.04         |
| 450XL037                                                                                      | 225             | 45.0              | 0.06         |
| 460XL025                                                                                      | 230             | 46.0              | 0.04         |
| 460XL037                                                                                      | 230             | 46.0              | 0.06         |
| 480XL025                                                                                      | 240             | 48.0              | 0.10         |
| 480XL037                                                                                      | 240             | 48.0              | 0.06         |
| 570XL025                                                                                      | 285             | 57.0              | 0.05         |
| 570XL037                                                                                      | 285             | 57.0              | 0.08         |
| 630XL025                                                                                      | 315             | 63.0              | 0.06         |
| 630XL037                                                                                      | 315             | 63.0              | 0.08         |
| <b>L (3/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (L)</b>   |                 |                   |              |
| 124L050                                                                                       | 33              | 12.4              | 0.03         |
| 124L075                                                                                       | 33              | 12.4              | 0.05         |
| 124L100                                                                                       | 33              | 12.4              | 0.06         |
| 135L050                                                                                       | 36              | 13.5              | 0.03         |
| 135L075                                                                                       | 36              | 13.5              | 0.05         |
| 135L100                                                                                       | 36              | 13.5              | 0.07         |
| 150L050                                                                                       | 40              | 15.0              | 0.04         |
| 150L075                                                                                       | 40              | 15.0              | 0.06         |
| 150L100                                                                                       | 40              | 15.0              | 0.08         |
| 165L050                                                                                       | 44              | 16.5              | 0.04         |
| 165L075                                                                                       | 44              | 16.5              | 0.06         |
| 165L100                                                                                       | 44              | 16.5              | 0.08         |
| 187L050                                                                                       | 50              | 18.8              | 0.05         |
| 187L075                                                                                       | 50              | 18.8              | 0.07         |
| 187L100                                                                                       | 50              | 18.8              | 0.09         |
| 195L050                                                                                       | 52              | 19.5              | 0.05         |
| 195L075                                                                                       | 52              | 19.5              | 0.07         |
| 195L100                                                                                       | 52              | 19.5              | 0.10         |
| 210L050                                                                                       | 56              | 21.0              | 0.05         |
| 210L075                                                                                       | 56              | 21.0              | 0.08         |
| 210L100                                                                                       | 56              | 21.0              | 0.11         |

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>L (3/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (L)</b> |                 |                   |              |
| 225L050                                                                                     | 60              | 22.5              | 0.06         |
| 225L075                                                                                     | 60              | 22.5              | 0.09         |
| 225L100                                                                                     | 60              | 22.5              | 0.11         |
| 240L050                                                                                     | 64              | 24.0              | 0.06         |
| 240L075                                                                                     | 64              | 24.0              | 0.09         |
| 240L100                                                                                     | 64              | 24.0              | 0.12         |
| 255L050                                                                                     | 68              | 25.5              | 0.06         |
| 255L075                                                                                     | 68              | 25.5              | 0.10         |
| 255L100                                                                                     | 68              | 25.5              | 0.13         |
| 270L050                                                                                     | 72              | 27.0              | 0.07         |
| 270L075                                                                                     | 72              | 27.0              | 0.10         |
| 270L100                                                                                     | 72              | 27.0              | 0.14         |
| 285L050                                                                                     | 76              | 28.5              | 0.07         |
| 285L075                                                                                     | 76              | 28.5              | 0.11         |
| 285L100                                                                                     | 76              | 28.5              | 0.14         |
| 300L050                                                                                     | 80              | 30.0              | 0.08         |
| 300L075                                                                                     | 80              | 30.0              | 0.11         |
| 300L100                                                                                     | 80              | 30.0              | 0.15         |
| 315L050                                                                                     | 84              | 31.5              | 0.08         |
| 315L075                                                                                     | 84              | 31.5              | 0.12         |
| 315L100                                                                                     | 84              | 31.5              | 0.16         |
| 322L050                                                                                     | 86              | 32.3              | 0.08         |
| 322L075                                                                                     | 86              | 32.3              | 0.12         |
| 322L100                                                                                     | 86              | 32.3              | 0.16         |
| 345L050                                                                                     | 92              | 34.5              | 0.09         |
| 345L075                                                                                     | 92              | 34.5              | 0.13         |
| 345L100                                                                                     | 92              | 34.5              | 0.17         |
| 367L050                                                                                     | 98              | 36.8              | 0.09         |
| 367L075                                                                                     | 98              | 36.8              | 0.14         |
| 367L100                                                                                     | 98              | 36.8              | 0.19         |
| 390L050                                                                                     | 104             | 39.0              | 0.10         |
| 390L075                                                                                     | 104             | 39.0              | 0.15         |
| 390L100                                                                                     | 104             | 39.0              | 0.20         |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

Part Number Example: **300H100** = **300** **H** **100**  
Pitch Length (inches in tenths: 30.0") Tooth Pitch Width (inches in tenths: 1.00")

| Part Number                                                                                | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>L (3/8") Pitch – Recommended Pulleys:</b><br>Timing Pulleys – MPB, QD, Taper Bushed (L) |                 |                   |              |
| 420L050                                                                                    | 112             | 42.0              | 0.11         |
| 420L075                                                                                    | 112             | 42.0              | 0.16         |
| 420L100                                                                                    | 112             | 42.0              | 0.21         |
| 450L050                                                                                    | 120             | 45.0              | 0.11         |
| 450L075                                                                                    | 120             | 45.0              | 0.17         |
| 450L100                                                                                    | 120             | 45.0              | 0.23         |
| 480L050                                                                                    | 128             | 48.0              | 0.12         |
| 480L075                                                                                    | 128             | 48.0              | 0.18         |
| 480L100                                                                                    | 128             | 48.0              | 0.24         |
| 510L050                                                                                    | 136             | 51.0              | 0.13         |
| 510L075                                                                                    | 136             | 51.0              | 0.19         |
| 510L100                                                                                    | 136             | 51.0              | 0.26         |
| 540L050                                                                                    | 144             | 54.0              | 0.14         |
| 540L075                                                                                    | 144             | 54.0              | 0.20         |
| 540L100                                                                                    | 144             | 54.0              | 0.27         |
| 600L050                                                                                    | 160             | 60.0              | 0.15         |
| 600L075                                                                                    | 160             | 60.0              | 0.23         |
| 600L100                                                                                    | 160             | 60.0              | 0.30         |
| 660L050                                                                                    | 176             | 66.0              | 0.15         |
| 660L075                                                                                    | 176             | 66.0              | 0.25         |
| 660L100                                                                                    | 176             | 66.0              | 0.33         |
| 817L050                                                                                    | 218             | 81.8              | 0.21         |
| 817L075                                                                                    | 218             | 81.8              | 0.31         |
| 817L100                                                                                    | 218             | 81.8              | 0.41         |
| 900L050                                                                                    | 240             | 90.0              | 0.23         |
| 900L075                                                                                    | 240             | 90.0              | 0.34         |
| 900L100                                                                                    | 240             | 90.0              | 0.46         |
| <b>H (1/2") Pitch – Recommended Pulleys:</b><br>Timing Pulleys – MPB, QD, Taper Bushed (H) |                 |                   |              |
| 210H075                                                                                    | 42              | 21.0              | 0.10         |
| 210H100                                                                                    | 42              | 21.0              | 0.14         |
| 210H150                                                                                    | 42              | 21.0              | 0.21         |
| 210H200                                                                                    | 42              | 21.0              | 0.28         |

| Part Number                                                                                | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:</b><br>Timing Pulleys – MPB, QD, Taper Bushed (H) |                 |                   |              |
| 210H300                                                                                    | 42              | 21.0              | 0.42         |
| 220H075                                                                                    | 44              | 22.0              | 0.11         |
| 220H100                                                                                    | 44              | 22.0              | 0.15         |
| 220H150                                                                                    | 44              | 22.0              | 0.22         |
| 220H200                                                                                    | 44              | 22.0              | 0.29         |
| 220H300                                                                                    | 44              | 22.0              | 0.44         |
| 230H075                                                                                    | 46              | 23.0              | 0.11         |
| 230H100                                                                                    | 46              | 23.0              | 0.15         |
| 230H150                                                                                    | 46              | 23.0              | 0.23         |
| 230H200                                                                                    | 46              | 23.0              | 0.31         |
| 230H300                                                                                    | 46              | 23.0              | 0.46         |
| 240H075                                                                                    | 48              | 24.0              | 0.12         |
| 240H100                                                                                    | 48              | 24.0              | 0.16         |
| 240H150                                                                                    | 48              | 24.0              | 0.24         |
| 240H200                                                                                    | 48              | 24.0              | 0.32         |
| 240H300                                                                                    | 48              | 24.0              | 0.48         |
| 270H075                                                                                    | 54              | 27.0              | 0.13         |
| 270H100                                                                                    | 54              | 27.0              | 0.18         |
| 270H150                                                                                    | 54              | 27.0              | 0.27         |
| 270H200                                                                                    | 54              | 27.0              | 0.36         |
| 270H300                                                                                    | 54              | 27.0              | 0.54         |
| 300H075                                                                                    | 60              | 30.0              | 0.15         |
| 300H100                                                                                    | 60              | 30.0              | 0.20         |
| 300H150                                                                                    | 60              | 30.0              | 0.30         |
| 300H200                                                                                    | 60              | 30.0              | 0.40         |
| 300H300                                                                                    | 60              | 30.0              | 0.60         |
| 320H075                                                                                    | 64              | 32.0              | 0.16         |
| 320H100                                                                                    | 64              | 32.0              | 0.21         |
| 320H150                                                                                    | 64              | 32.0              | 0.32         |
| 320H200                                                                                    | 64              | 32.0              | 0.42         |
| 320H300                                                                                    | 64              | 32.0              | 0.64         |
| 330H075                                                                                    | 66              | 33.0              | 0.16         |
| 330H100                                                                                    | 66              | 33.0              | 0.22         |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

### Synchro-Cog® Timing Belt Part Numbers

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                 |                   |              |
| 330H150                                                                                     | 66              | 33.0              | 0.33         |
| 330H200                                                                                     | 66              | 33.0              | 0.44         |
| 330H300                                                                                     | 66              | 33.0              | 0.66         |
| 340H075                                                                                     | 68              | 34.0              | 0.17         |
| 340H100                                                                                     | 68              | 34.0              | 0.23         |
| 340H150                                                                                     | 68              | 34.0              | 0.34         |
| 340H200                                                                                     | 68              | 34.0              | 0.45         |
| 340H300                                                                                     | 68              | 34.0              | 0.68         |
| 350H075                                                                                     | 70              | 35.0              | 0.17         |
| 350H100                                                                                     | 70              | 35.0              | 0.23         |
| 350H150                                                                                     | 70              | 35.0              | 0.35         |
| 350H200                                                                                     | 70              | 35.0              | 0.46         |
| 350H300                                                                                     | 70              | 35.0              | 0.70         |
| 360H075                                                                                     | 72              | 36.0              | 0.18         |
| 360H100                                                                                     | 72              | 36.0              | 0.24         |
| 360H150                                                                                     | 72              | 36.0              | 0.36         |
| 360H200                                                                                     | 72              | 36.0              | 0.48         |
| 360H300                                                                                     | 72              | 36.0              | 0.72         |
| 370H075                                                                                     | 74              | 37.0              | 0.18         |
| 370H100                                                                                     | 74              | 37.0              | 0.25         |
| 370H150                                                                                     | 74              | 37.0              | 0.37         |
| 370H200                                                                                     | 74              | 37.0              | 0.49         |
| 370H300                                                                                     | 74              | 37.0              | 0.74         |
| 390H075                                                                                     | 78              | 39.0              | 0.19         |
| 390H100                                                                                     | 78              | 39.0              | 0.26         |
| 390H150                                                                                     | 78              | 39.0              | 0.39         |
| 390H200                                                                                     | 78              | 39.0              | 0.52         |
| 390H300                                                                                     | 78              | 39.0              | 0.78         |
| 400H075                                                                                     | 80              | 40.0              | 0.20         |
| 400H100                                                                                     | 80              | 40.0              | 0.27         |
| 400H150                                                                                     | 80              | 40.0              | 0.40         |
| 400H200                                                                                     | 80              | 40.0              | 0.53         |
| 400H300                                                                                     | 80              | 40.0              | 0.80         |

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                 |                   |              |
| 410H075                                                                                     | 82              | 41.0              | 0.20         |
| 410H100                                                                                     | 82              | 41.0              | 0.27         |
| 410H150                                                                                     | 82              | 41.0              | 0.41         |
| 410H200                                                                                     | 82              | 41.0              | 0.54         |
| 410H300                                                                                     | 82              | 41.0              | 0.82         |
| 420H075                                                                                     | 84              | 42.0              | 0.21         |
| 420H100                                                                                     | 84              | 42.0              | 0.28         |
| 420H150                                                                                     | 84              | 42.0              | 0.42         |
| 420H200                                                                                     | 84              | 42.0              | 0.56         |
| 420H300                                                                                     | 84              | 42.0              | 0.84         |
| 450H075                                                                                     | 90              | 45.0              | 0.22         |
| 450H100                                                                                     | 90              | 45.0              | 0.30         |
| 450H150                                                                                     | 90              | 45.0              | 0.45         |
| 450H200                                                                                     | 90              | 45.0              | 0.60         |
| 450H300                                                                                     | 90              | 45.0              | 0.90         |
| 480H075                                                                                     | 96              | 48.0              | 0.24         |
| 480H100                                                                                     | 96              | 48.0              | 0.32         |
| 480H150                                                                                     | 96              | 48.0              | 0.48         |
| 480H200                                                                                     | 96              | 48.0              | 0.64         |
| 480H300                                                                                     | 96              | 48.0              | 0.96         |
| 490H075                                                                                     | 98              | 49.0              | 0.24         |
| 490H100                                                                                     | 98              | 49.0              | 0.33         |
| 490H150                                                                                     | 98              | 49.0              | 0.49         |
| 490H200                                                                                     | 98              | 49.0              | 0.65         |
| 490H300                                                                                     | 98              | 49.0              | 0.98         |
| 510H075                                                                                     | 102             | 51.0              | 0.25         |
| 510H100                                                                                     | 102             | 51.0              | 0.34         |
| 510H150                                                                                     | 102             | 51.0              | 0.51         |
| 510H200                                                                                     | 102             | 51.0              | 0.68         |
| 510H300                                                                                     | 102             | 51.0              | 1.02         |
| 540H075                                                                                     | 108             | 54.0              | 0.27         |
| 540H100                                                                                     | 108             | 54.0              | 0.36         |
| 540H150                                                                                     | 108             | 54.0              | 0.54         |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

Part Number Example: **645H300** =

**645**      **H**      **300**  
 Pitch Length      Tooth      Width  
 (inches in tenths: 64.5")      Pitch      (inches in tenths: 3.00")

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                 |                   |              |
| 540H200                                                                                     | 108             | 54.0              | 0.72         |
| 540H300                                                                                     | 108             | 54.0              | 1.08         |
| 560H075                                                                                     | 112             | 56.0              | 0.28         |
| 560H100                                                                                     | 112             | 56.0              | 0.37         |
| 560H150                                                                                     | 112             | 56.0              | 0.56         |
| 560H200                                                                                     | 112             | 56.0              | 0.74         |
| 560H300                                                                                     | 112             | 56.0              | 1.12         |
| 570H075                                                                                     | 114             | 57.0              | 0.28         |
| 570H100                                                                                     | 114             | 57.0              | 0.38         |
| 570H150                                                                                     | 114             | 57.0              | 0.57         |
| 570H200                                                                                     | 114             | 57.0              | 0.76         |
| 570H300                                                                                     | 114             | 57.0              | 1.14         |
| 585H075                                                                                     | 117             | 58.5              | 0.29         |
| 585H100                                                                                     | 117             | 58.5              | 0.39         |
| 585H150                                                                                     | 117             | 58.5              | 0.58         |
| 585H200                                                                                     | 117             | 58.5              | 0.78         |
| 585H300                                                                                     | 117             | 58.5              | 1.16         |
| 600H075                                                                                     | 120             | 60.0              | 0.30         |
| 600H100                                                                                     | 120             | 60.0              | 0.40         |
| 600H150                                                                                     | 120             | 60.0              | 0.60         |
| 600H200                                                                                     | 120             | 60.0              | 0.80         |
| 600H300                                                                                     | 120             | 60.0              | 1.19         |
| 630H075                                                                                     | 126             | 63.0              | 0.31         |
| 630H100                                                                                     | 126             | 63.0              | 0.42         |
| 630H150                                                                                     | 126             | 63.0              | 0.63         |
| 630H200                                                                                     | 126             | 63.0              | 0.84         |
| 630H300                                                                                     | 126             | 63.0              | 1.25         |
| 645H075                                                                                     | 129             | 64.5              | 0.32         |
| 645H100                                                                                     | 129             | 64.5              | 0.43         |
| 645H150                                                                                     | 129             | 64.5              | 0.64         |
| 645H200                                                                                     | 129             | 64.5              | 0.86         |
| 645H300                                                                                     | 129             | 64.5              | 1.28         |
| 660H075                                                                                     | 132             | 66.0              | 0.33         |

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                 |                   |              |
| 660H100                                                                                     | 132             | 66.0              | 0.44         |
| 660H150                                                                                     | 132             | 66.0              | 0.66         |
| 660H200                                                                                     | 132             | 66.0              | 0.88         |
| 660H300                                                                                     | 132             | 66.0              | 1.31         |
| 700H075                                                                                     | 140             | 70.0              | 0.35         |
| 700H100                                                                                     | 140             | 70.0              | 0.46         |
| 700H150                                                                                     | 140             | 70.0              | 0.70         |
| 700H200                                                                                     | 140             | 70.0              | 0.93         |
| 700H300                                                                                     | 140             | 70.0              | 1.39         |
| 730H075                                                                                     | 146             | 73.0              | 0.36         |
| 730H100                                                                                     | 146             | 73.0              | 0.48         |
| 730H150                                                                                     | 146             | 73.0              | 0.73         |
| 730H200                                                                                     | 146             | 73.0              | 0.97         |
| 730H300                                                                                     | 146             | 73.0              | 1.45         |
| 750H075                                                                                     | 150             | 75.0              | 0.37         |
| 750H100                                                                                     | 150             | 75.0              | 0.50         |
| 750H150                                                                                     | 150             | 75.0              | 0.75         |
| 750H200                                                                                     | 150             | 75.0              | 1.00         |
| 750H300                                                                                     | 150             | 75.0              | 1.49         |
| 780H075                                                                                     | 156             | 78.0              | 0.39         |
| 780H100                                                                                     | 156             | 78.0              | 0.52         |
| 780H150                                                                                     | 156             | 78.0              | 0.78         |
| 780H200                                                                                     | 156             | 78.0              | 1.04         |
| 780H300                                                                                     | 156             | 78.0              | 1.55         |
| 800H075                                                                                     | 160             | 80.0              | 0.40         |
| 800H100                                                                                     | 160             | 80.0              | 0.53         |
| 800H150                                                                                     | 160             | 80.0              | 0.80         |
| 800H200                                                                                     | 160             | 80.0              | 1.06         |
| 800H300                                                                                     | 160             | 80.0              | 1.59         |
| 820H075                                                                                     | 164             | 82.0              | 0.41         |
| 820H100                                                                                     | 164             | 82.0              | 0.54         |
| 820H150                                                                                     | 164             | 82.0              | 0.82         |
| 820H200                                                                                     | 164             | 82.0              | 1.09         |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

### Synchro-Cog® Timing Belt Part Numbers

| Part Number                                                                                 | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                 |                   |              |
| 820H300                                                                                     | 164             | 82.0              | 1.63         |
| 840H075                                                                                     | 168             | 84.0              | 0.42         |
| 840H100                                                                                     | 168             | 84.0              | 0.56         |
| 840H150                                                                                     | 168             | 84.0              | 0.84         |
| 840H200                                                                                     | 168             | 84.0              | 1.12         |
| 840H300                                                                                     | 168             | 84.0              | 1.67         |
| 850H075                                                                                     | 170             | 85.0              | 0.42         |
| 850H100                                                                                     | 170             | 85.0              | 0.56         |
| 850H150                                                                                     | 170             | 85.0              | 0.85         |
| 850H200                                                                                     | 170             | 85.0              | 1.13         |
| 850H300                                                                                     | 170             | 85.0              | 1.69         |
| 900H075                                                                                     | 180             | 90.0              | 0.45         |
| 900H100                                                                                     | 180             | 90.0              | 0.60         |
| 900H150                                                                                     | 180             | 90.0              | 0.90         |
| 900H200                                                                                     | 180             | 90.0              | 1.19         |
| 900H300                                                                                     | 180             | 90.0              | 1.79         |
| 960H075                                                                                     | 192             | 96.0              | 0.48         |
| 960H100                                                                                     | 192             | 96.0              | 0.64         |
| 960H150                                                                                     | 192             | 96.0              | 0.96         |
| 960H200                                                                                     | 192             | 96.0              | 1.27         |
| 960H300                                                                                     | 192             | 96.0              | 1.91         |
| 1000H075                                                                                    | 200             | 100.0             | 0.50         |
| 1000H100                                                                                    | 200             | 100.0             | 0.66         |
| 1000H150                                                                                    | 200             | 100.0             | 1.00         |
| 1000H200                                                                                    | 200             | 100.0             | 1.33         |
| 1000H300                                                                                    | 200             | 100.0             | 1.99         |
| 1100H075                                                                                    | 220             | 110.0             | 0.55         |
| 1100H100                                                                                    | 220             | 110.0             | 0.73         |
| 1100H150                                                                                    | 220             | 110.0             | 1.10         |
| 1100H200                                                                                    | 220             | 110.0             | 1.46         |
| 1100H300                                                                                    | 220             | 110.0             | 2.19         |
| 1140H075                                                                                    | 228             | 114.0             | 0.57         |
| 1140H100                                                                                    | 228             | 114.0             | 0.76         |

| Part Number                                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b>   |                 |                   |              |
| 1140H150                                                                                      | 228             | 114.0             | 1.14         |
| 1140H200                                                                                      | 228             | 114.0             | 1.51         |
| 1140H300                                                                                      | 228             | 114.0             | 2.27         |
| 1150H075                                                                                      | 230             | 115.0             | 0.60         |
| 1150H100                                                                                      | 230             | 115.0             | 0.60         |
| 1150H150                                                                                      | 230             | 115.0             | 1.60         |
| 1150H200                                                                                      | 230             | 115.0             | 2.00         |
| 1150H300                                                                                      | 230             | 115.0             | 2.50         |
| 1250H075                                                                                      | 250             | 125.0             | 0.62         |
| 1250H100                                                                                      | 250             | 125.0             | 0.83         |
| 1250H150                                                                                      | 250             | 125.0             | 1.24         |
| 1250H200                                                                                      | 250             | 125.0             | 1.66         |
| 1250H300                                                                                      | 250             | 125.0             | 2.49         |
| 1400H075                                                                                      | 280             | 140.0             | 0.70         |
| 1400H100                                                                                      | 280             | 140.0             | 0.93         |
| 1400H150                                                                                      | 280             | 140.0             | 1.39         |
| 1400H200                                                                                      | 280             | 140.0             | 1.86         |
| 1400H300                                                                                      | 280             | 140.0             | 2.79         |
| 1550H075                                                                                      | 310             | 155.0             | 0.77         |
| 1550H100                                                                                      | 310             | 155.0             | 1.03         |
| 1550H150                                                                                      | 310             | 155.0             | 1.54         |
| 1550H200                                                                                      | 310             | 155.0             | 2.06         |
| 1550H300                                                                                      | 310             | 155.0             | 3.09         |
| 1700H075                                                                                      | 340             | 170.0             | 0.85         |
| 1700H100                                                                                      | 340             | 170.0             | 1.13         |
| 1700H150                                                                                      | 340             | 170.0             | 1.69         |
| 1700H200                                                                                      | 340             | 170.0             | 2.26         |
| 1700H300                                                                                      | 340             | 170.0             | 3.39         |
| <b>XH (7/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XH)</b> |                 |                   |              |
| 507XH200                                                                                      | 58              | 50.8              | 1.65         |
| 507XH300                                                                                      | 58              | 50.8              | 2.47         |
| 507XH400                                                                                      | 58              | 50.8              | 3.30         |

# Synchro-Cog® Timing Belt

## Synchronous Drive Belt

Part Number Example: **630XH200** =

**630**      **XH**      **200**  
 Pitch Length      Tooth      Width  
 (inches in tenths: 63.0")      Pitch      (inches in tenths: 2.00")

| Part Number                                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>XH (7/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XH)</b> |                 |                   |              |
| 560XH200                                                                                      | 64              | 56.0              | 1.82         |
| 560XH300                                                                                      | 64              | 56.0              | 2.73         |
| 560XH400                                                                                      | 64              | 56.0              | 3.64         |
| 630XH200                                                                                      | 72              | 63.0              | 2.05         |
| 630XH300                                                                                      | 72              | 63.0              | 3.08         |
| 630XH400                                                                                      | 72              | 63.0              | 4.10         |
| 700XH200                                                                                      | 80              | 70.0              | 2.28         |
| 700XH300                                                                                      | 80              | 70.0              | 3.42         |
| 700XH400                                                                                      | 80              | 70.0              | 4.56         |
| 770XH200                                                                                      | 88              | 77.0              | 2.51         |
| 770XH300                                                                                      | 88              | 77.0              | 3.76         |
| 770XH400                                                                                      | 88              | 77.0              | 5.01         |
| 840XH200                                                                                      | 96              | 84.0              | 2.73         |
| 840XH300                                                                                      | 96              | 84.0              | 4.10         |
| 840XH400                                                                                      | 96              | 84.0              | 5.47         |
| 980XH200                                                                                      | 112             | 98.0              | 3.19         |
| 980XH300                                                                                      | 112             | 98.0              | 4.78         |
| 980XH400                                                                                      | 112             | 98.0              | 6.38         |
| 1120XH200                                                                                     | 128             | 112.0             | 3.64         |
| 1120XH300                                                                                     | 128             | 112.0             | 5.47         |
| 1120XH400                                                                                     | 128             | 112.0             | 7.29         |
| 1260XH200                                                                                     | 144             | 126.0             | 4.10         |
| 1260XH300                                                                                     | 144             | 126.0             | 6.15         |
| 1260XH400                                                                                     | 144             | 126.0             | 8.20         |
| 1400XH200                                                                                     | 160             | 140.0             | 4.56         |
| 1400XH300                                                                                     | 160             | 140.0             | 6.83         |
| 1400XH400                                                                                     | 160             | 140.0             | 9.11         |
| 1540XH200                                                                                     | 176             | 154.0             | 5.01         |
| 1540XH300                                                                                     | 176             | 154.0             | 7.52         |
| 1540XH400                                                                                     | 176             | 154.0             | 10.02        |
| 1750XH200                                                                                     | 200             | 175.0             | 5.69         |
| 1750XH300                                                                                     | 200             | 175.0             | 8.54         |
| 1750XH400                                                                                     | 200             | 175.0             | 11.39        |

| Part Number                                                                                       | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>XXH (1-1/4") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XXH)</b> |                 |                   |              |
| 700XXH200                                                                                         | 56              | 70.0              | 3.00         |
| 700XXH300                                                                                         | 56              | 70.0              | 4.49         |
| 700XXH400                                                                                         | 56              | 70.0              | 5.99         |
| 700XXH500                                                                                         | 56              | 70.0              | 7.49         |
| 800XXH200                                                                                         | 64              | 80.0              | 3.42         |
| 800XXH300                                                                                         | 64              | 80.0              | 5.13         |
| 800XXH400                                                                                         | 64              | 80.0              | 6.85         |
| 800XXH500                                                                                         | 64              | 80.0              | 8.56         |
| 900XXH200                                                                                         | 72              | 90.0              | 3.85         |
| 900XXH300                                                                                         | 72              | 90.0              | 5.78         |
| 900XXH400                                                                                         | 72              | 90.0              | 7.70         |
| 900XXH500                                                                                         | 72              | 90.0              | 9.63         |
| 1000XXH200                                                                                        | 80              | 100.0             | 4.28         |
| 1000XXH300                                                                                        | 80              | 100.0             | 6.42         |
| 1000XXH400                                                                                        | 80              | 100.0             | 8.56         |
| 1000XXH500                                                                                        | 80              | 100.0             | 10.70        |
| 1200XXH200                                                                                        | 96              | 120.0             | 5.13         |
| 1200XXH300                                                                                        | 96              | 120.0             | 7.70         |
| 1200XXH400                                                                                        | 96              | 120.0             | 10.27        |
| 1200XXH500                                                                                        | 96              | 120.0             | 12.84        |
| 1400XXH200                                                                                        | 112             | 140.0             | 5.99         |
| 1400XXH300                                                                                        | 112             | 140.0             | 8.99         |
| 1400XXH400                                                                                        | 112             | 140.0             | 11.98        |
| 1400XXH500                                                                                        | 112             | 140.0             | 14.98        |
| 1600XXH200                                                                                        | 128             | 160.0             | 6.85         |
| 1600XXH300                                                                                        | 128             | 160.0             | 10.27        |
| 1600XXH400                                                                                        | 128             | 160.0             | 13.69        |
| 1600XXH500                                                                                        | 128             | 160.0             | 17.11        |
| 1800XXH200                                                                                        | 144             | 180.0             | 7.70         |
| 1800XXH300                                                                                        | 144             | 180.0             | 11.55        |
| 1800XXH400                                                                                        | 144             | 180.0             | 15.40        |
| 1800XXH500                                                                                        | 144             | 180.0             | 19.25        |

# Synchro-Cog® Timing Belt

## Sleeves

- Full factory width sleeves
- Sleeve edges are trimmed before shipment
- Sleeves cannot be accepted for return

Timken Belts maintains inventory of most sleeve sizes. Contact customer service for availability. Minimum order quantity and/or extended lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.



## Synchro-Cog® Timing Belt Sleeve Part Numbers

| Part Number                                                                                   | Sleeve Width (in) | Weight (lbs) |
|-----------------------------------------------------------------------------------------------|-------------------|--------------|
| <b>XL (1/5") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XL)</b> |                   |              |
| 60XL1600SL                                                                                    | 16.0              | 0.34         |
| 70XL1600SL                                                                                    | 16.0              | 0.40         |
| 80XL1600SL                                                                                    | 16.0              | 0.46         |
| 90XL1600SL                                                                                    | 16.0              | 0.90         |
| 100XL2800SL                                                                                   | 28.0              | 1.00         |
| 110XL2800SL                                                                                   | 28.0              | 1.10         |
| 120XL2800SL                                                                                   | 28.0              | 1.20         |
| 130XL2800SL                                                                                   | 28.0              | 1.30         |
| 140XL2800SL                                                                                   | 28.0              | 1.40         |
| 150XL2800SL                                                                                   | 28.0              | 1.50         |
| 160XL2800SL                                                                                   | 28.0              | 1.60         |
| 170XL2800SL                                                                                   | 28.0              | 1.70         |
| 180XL1600SL                                                                                   | 16.0              | 1.03         |
| 190XL1600SL                                                                                   | 16.0              | 1.09         |
| 200XL1600SL                                                                                   | 16.0              | 1.14         |
| 210XL1600SL                                                                                   | 16.0              | 1.20         |
| 220XL1600SL                                                                                   | 16.0              | 1.26         |
| 230XL1600SL                                                                                   | 16.0              | 1.31         |
| 240XL1600SL                                                                                   | 16.0              | 1.37         |
| 250XL1600SL                                                                                   | 16.0              | 1.43         |
| 260XL1600SL                                                                                   | 16.0              | 1.49         |
| 270XL1800SL                                                                                   | 18.0              | 1.6          |
| 290XL2126SL                                                                                   | 21.3              | 2.20         |
| 310XL1850SL                                                                                   | 18.5              | 2.05         |
| 330XL1850SL                                                                                   | 18.5              | 2.18         |
| 380XL1850SL                                                                                   | 18.5              | 2.20         |
| 390XL1850SL                                                                                   | 18.5              | 2.58         |
| <b>L (3/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (L)</b>   |                   |              |
| 124L1600SL                                                                                    | 16.0              | 1.00         |
| 135L1500SL                                                                                    | 15.0              | 1.00         |
| 150L2800SL                                                                                    | 28.0              | 2.12         |
| 165L1800SL                                                                                    | 18.0              | 2.10         |
| 187L2800SL                                                                                    | 28.0              | 2.65         |
| 210L1600SL                                                                                    | 16.0              | 1.70         |



# Synchro-Cog® Timing Belt

## Sleeves

Part Number Example: **240H3800SL** =

|                                           |                |                                         |           |
|-------------------------------------------|----------------|-----------------------------------------|-----------|
| <b>240</b>                                | <b>H</b>       | <b>3800</b>                             | <b>SL</b> |
| Pitch Length<br>(inches in tenths: 20.0") | Tooth<br>Pitch | Width<br>(inches in hundredths: 16.00") | Sleeve    |

| Part Number                                                                                 | Sleeve Width (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------|-------------------|--------------|
| <b>L (3/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (L)</b> |                   |              |
| 225L3800SL                                                                                  | 38.0              | 4.32         |
| 240L3800SL                                                                                  | 38.0              | 4.61         |
| 255L3800SL                                                                                  | 38.0              | 4.90         |
| 270L3800SL                                                                                  | 38.0              | 5.19         |
| 285L3800SL                                                                                  | 38.0              | 5.48         |
| 300L3800SL                                                                                  | 38.0              | 5.77         |
| 322L3800SL                                                                                  | 38.0              | 6.19         |
| 345L3800SL                                                                                  | 38.0              | 6.63         |
| 367L3800SL                                                                                  | 38.0              | 7.05         |
| 390L3800SL                                                                                  | 38.0              | 7.50         |
| 420L3800SL                                                                                  | 38.0              | 8.07         |
| 450L1850SL                                                                                  | 18.5              | 4.21         |
| 480L1850SL                                                                                  | 18.5              | 4.49         |
| 510L1850SL                                                                                  | 18.5              | 4.77         |
| 540L1850SL                                                                                  | 18.5              | 5.05         |
| 600L3800SL                                                                                  | 38.0              | 11.53        |
| 817L1850SL                                                                                  | 18.5              | 7.65         |
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b> |                   |              |
| 240H3800SL                                                                                  | 38.0              | 6.05         |
| 270H3800SL                                                                                  | 38.0              | 6.81         |
| 300H3800SL                                                                                  | 38.0              | 7.57         |
| 330H3800SL                                                                                  | 38.0              | 8.32         |
| 360H3800SL                                                                                  | 38.0              | 9.08         |
| 390H3800SL                                                                                  | 38.0              | 9.84         |
| 420H3800SL                                                                                  | 38.0              | 10.59        |
| 450H3800SL                                                                                  | 38.0              | 11.35        |
| 480H3800SL                                                                                  | 38.0              | 12.11        |
| 510H3800SL                                                                                  | 38.0              | 12.86        |
| 540H3800SL                                                                                  | 38.0              | 13.62        |
| 570H3800SL                                                                                  | 38.0              | 14.38        |
| 600H3800SL                                                                                  | 38.0              | 15.13        |
| 630H3800SL                                                                                  | 38.0              | 15.89        |
| 660H3800SL                                                                                  | 38.0              | 16.65        |
| 700H3800SL                                                                                  | 38.0              | 17.66        |

| Part Number                                                                                       | Sleeve Width (in) | Weight (lbs) |
|---------------------------------------------------------------------------------------------------|-------------------|--------------|
| <b>H (1/2") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (H)</b>       |                   |              |
| 750H3800SL                                                                                        | 38.0              | 18.92        |
| 800H2200SL                                                                                        | 22.0              | 11.68        |
| 850H2200SL                                                                                        | 22.0              | 12.41        |
| 900H2200SL                                                                                        | 22.0              | 1.19         |
| 1000H2200SL                                                                                       | 22.0              | 14.60        |
| 1100H2200SL                                                                                       | 22.0              | 15.52        |
| 1140H2126SL                                                                                       | 21.3              | 13.62        |
| 1150H1800SL                                                                                       | 18.0              | 13.8         |
| 1250H2200SL                                                                                       | 22.0              | 18.25        |
| 1400H2200SL                                                                                       | 22.0              | 20.44        |
| 1700H2200SL                                                                                       | 22.0              | 23.99        |
| <b>XH (7/8") Pitch – Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XH)</b>     |                   |              |
| 507XH2126SL                                                                                       | 21.3              | 31.35        |
| 560XH3800SL                                                                                       | 38.0              | 34.62        |
| 630XH3800SL                                                                                       | 38.0              | 38.95        |
| 700XH3800SL                                                                                       | 38.0              | 43.28        |
| 770XH3800SL                                                                                       | 38.0              | 47.61        |
| 840XH2126SL                                                                                       | 21.3              | 29.06        |
| 980XH2200SL                                                                                       | 22.0              | 35.08        |
| 1120XH2126SL                                                                                      | 21.3              | 38.74        |
| 1260XH2126SL                                                                                      | 21.3              | 43.59        |
| 1400XH2126SL                                                                                      | 21.3              | 48.43        |
| 1540XH2126SL                                                                                      | 21.3              | 53.27        |
| 1750XH2126SL                                                                                      | 21.3              | 60.54        |
| <b>XXH (1-1/4") Pitch - Recommended Pulleys:<br/>Timing Pulleys – MPB, QD, Taper Bushed (XXH)</b> |                   |              |
| 800XXH2126SL                                                                                      | 21.3              | 36.39        |
| 900XXH2126SL                                                                                      | 21.3              | 40.93        |
| 1000XXH2126SL                                                                                     | 21.3              | 45.48        |
| 1200XXH2126SL                                                                                     | 21.3              | 54.58        |
| 1400XXH2126SL                                                                                     | 21.3              | 63.68        |
| 1600XXH2126SL                                                                                     | 21.3              | 72.77        |
| 1800XXH2126SL                                                                                     | 21.3              | 81.87        |

# Dual Synchro-Cog® Timing Belt

## Synchronous Drive Belt



# Dual Synchro-Cog® Timing Belt

## Synchronous Drive Belt



**1 Tensile Cord**  
Specially treated to provide strength, flex life and resistance to stretching.

**2 Molded Teeth**  
Shear and wear resistant. Designed to assure smooth, positive meshing with the sprocket.

**3 Tooth Fabric**  
Provides abrasion and wear resistance for long belt life.

**Recommended Sprockets:**  
Timing Pulleys – MPB, QD, Taper Bushed (XL, L, H)

Double-sided  
trapezoidal tooth profile

100% load capacity from  
both sides of the belt

Greater flexibility in  
drive design

Optimum drive  
efficiency

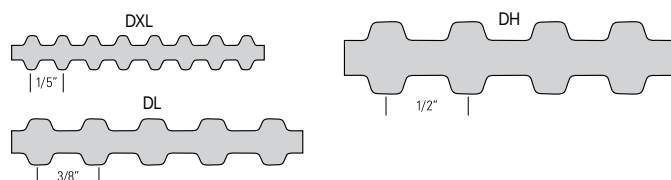
Maintenance-free,  
clean and quiet

### Applications:

Machine tools  
Packaging equipment  
Industrial Machinery  
& More

# Dual Synchro-Cog® Timing Belt

## Synchronous Drive Belt



**Double-sided timing belt with a trapezoidal tooth profile provides synchronization and 100% load capacity from both sides of the belt.**

Trapezoidal tooth profile provides maintenance-free synchronization with equal load capacity from both sides of the belt. This feature is not found in every dual-sided belt on the market.

The Synchro-Cog Dual Timing Belt allows greater flexibility and efficiency in drive design. The freedom to use a single belt for a series of pulleys results in a more efficient use of available space with decreased overall drive weight and cost. The non-slip positive drive provides smooth, clean, quiet performance with optimum efficiency.

The belt features an advanced polymer construction with molded teeth that are sheer resistant and designed to assure smooth, positive meshing with the sprocket. A tough nylon tooth facing is wear resistant. High quality fiberglass cords are specially treated to provide strength, flex life and resistance to stretching. The belt resists oil, heat, ozone, grease, and moisture for maximum belt life.

## Dual Synchro-Cog® Timing Belt Part Numbers

| Part Number                                                                            | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>Dual Sided XL (1/5" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (XL) |                 |                   |              |
| D130XL037                                                                              | 65              | 13.0              | 0.02         |
| D170XL037                                                                              | 85              | 17.0              | 0.02         |
| D180XL025                                                                              | 90              | 18.0              | 0.03         |
| D210XL037                                                                              | 105             | 21.0              | 0.03         |
| D260XL037                                                                              | 130             | 26.0              | 0.04         |
| D280XL037                                                                              | 140             | 28.0              | 1.65         |
| D380XL037                                                                              | 190             | 38.0              | 0.19         |
| <b>Dual Sided L (3/8" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (L)   |                 |                   |              |
| D150L050                                                                               | 40              | 15.0              | 0.04         |
| D187L050                                                                               | 50              | 18.8              | 0.56         |
| D210L050                                                                               | 56              | 21.0              | 0.05         |
| D225L050                                                                               | 60              | 22.5              | 0.05         |
| D240L050                                                                               | 64              | 24.0              | 0.06         |
| D240L100                                                                               | 64              | 24.0              | 0.11         |
| D270L050                                                                               | 72              | 27.0              | 0.06         |
| D270L100                                                                               | 72              | 27.0              | 0.11         |
| D322L050                                                                               | 86              | 32.2              | 0.69         |
| D322L100                                                                               | 86              | 32.2              | 0.23         |
| D345L100                                                                               | 92              | 34.5              | 0.16         |
| D390L050                                                                               | 104             | 39.0              | 0.15         |
| D390L075                                                                               | 104             | 39.0              | 0.26         |
| D420L050                                                                               | 112             | 42.0              | 0.10         |
| D420L100                                                                               | 112             | 42.0              | 0.19         |
| D450L050                                                                               | 120             | 45.0              | 0.10         |
| D450L100                                                                               | 120             | 45.0              | 0.21         |
| D480L050                                                                               | 128             | 48.0              | 0.11         |
| D480L100                                                                               | 128             | 48.0              | 0.22         |
| D510L050                                                                               | 136             | 51.0              | 0.12         |
| D510L075                                                                               | 136             | 51.0              | 0.02         |

# Dual Synchro-Cog® Timing Belt

## Synchronous Drive Belt

Part Number Example: **D240H150** =

**D**      **240**      **H**      **150**  
 Dual Sided      Pitch Length  
 (in Tenths of an Inch)      Tooth Pitch      1/4-Inch Belt  
 Width

| Part Number                                                                          | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>Dual Sided L (3/8" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (L) |                 |                   |              |
| D510L100                                                                             | 136             | 51.0              | 0.24         |
| D540L050                                                                             | 144             | 54.0              | 0.13         |
| D540L100                                                                             | 144             | 54.0              | 0.25         |
| D600L050                                                                             | 160             | 60.0              | 0.14         |
| D600L075                                                                             | 160             | 60.0              | 0.21         |
| D600L100                                                                             | 160             | 60.0              | 0.28         |
| <b>Dual Sided H (1/2" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                 |                   |              |
| D240H150                                                                             | 48              | 24.0              | 0.80         |
| D270H100                                                                             | 54              | 27.0              | 0.20         |
| D270H200                                                                             | 54              | 27.0              | 0.39         |
| D390H100                                                                             | 78              | 39.0              | 0.28         |
| D420H100                                                                             | 84              | 42.0              | 0.30         |
| D450H075                                                                             | 90              | 45.0              | 0.24         |
| D450H100                                                                             | 90              | 45.0              | 0.33         |
| D450H300                                                                             | 90              | 45.0              | 2.54         |
| D480H075                                                                             | 96              | 48.0              | 0.03         |
| D480H100                                                                             | 96              | 48.0              | 0.35         |
| D480H150                                                                             | 96              | 48.0              | 0.52         |
| D480H200                                                                             | 96              | 48.0              | 3.05         |
| D480H300                                                                             | 96              | 48.0              | 0.33         |
| D510H100                                                                             | 102             | 51.0              | 0.37         |
| D510H150                                                                             | 102             | 51.0              | 0.55         |
| D510H300                                                                             | 102             | 51.0              | 2.72         |
| D540H100                                                                             | 108             | 54.0              | 0.39         |
| D540H150                                                                             | 108             | 54.0              | 0.58         |
| D540H300                                                                             | 108             | 54.0              | 2.46         |
| D570H075                                                                             | 114             | 57.0              | 0.03         |
| D570H100                                                                             | 114             | 57.0              | 0.41         |
| D570H150                                                                             | 114             | 57.0              | 0.62         |
| D600H100                                                                             | 120             | 60.0              | 0.43         |
| D600H150                                                                             | 120             | 60.0              | 0.65         |
| D600H200                                                                             | 120             | 60.0              | 0.87         |
| D600H300                                                                             | 120             | 60.0              | 1.30         |

| Part Number                                                                          | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| <b>Dual Sided H (1/2" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                 |                   |              |
| D630H100                                                                             | 126             | 63.0              | 0.45         |
| D630H150                                                                             | 126             | 63.0              | 0.68         |
| D660H075                                                                             | 132             | 66.0              | 0.69         |
| D660H100                                                                             | 132             | 66.0              | 0.48         |
| D660H200                                                                             | 132             | 66.0              | 0.95         |
| D660H300                                                                             | 132             | 66.0              | 1.43         |
| D700H100                                                                             | 140             | 70.0              | 0.51         |
| D700H150                                                                             | 140             | 70.0              | 0.70         |
| D700H200                                                                             | 140             | 70.0              | 0.85         |
| D700H300                                                                             | 140             | 70.0              | 0.62         |
| D750H100                                                                             | 150             | 75.0              | 0.54         |
| D750H150                                                                             | 150             | 75.0              | 0.77         |
| D750H200                                                                             | 150             | 75.0              | 1.08         |
| D750H300                                                                             | 150             | 75.0              | 1.12         |
| D800H075                                                                             | 160             | 80.0              | 0.04         |
| D800H100                                                                             | 160             | 80.0              | 0.78         |
| D800H150                                                                             | 160             | 80.0              | 0.80         |
| D800H200                                                                             | 160             | 80.0              | 1.15         |
| D800H300                                                                             | 160             | 80.0              | 0.45         |
| D850H075                                                                             | 170             | 85.0              | 0.67         |
| D850H100                                                                             | 170             | 85.0              | 0.61         |
| D850H200                                                                             | 170             | 85.0              | 1.23         |
| D850H300                                                                             | 170             | 85.0              | 1.13         |
| D900H100                                                                             | 180             | 90.0              | 0.65         |
| D900H150                                                                             | 180             | 90.0              | 0.82         |
| D900H200                                                                             | 180             | 90.0              | 0.13         |
| D900H300                                                                             | 180             | 90.0              | 0.70         |
| D1000H100                                                                            | 200             | 100.0             | 0.66         |
| D1000H200                                                                            | 200             | 100.0             | 1.44         |
| D1000H300                                                                            | 200             | 100.0             | 0.81         |
| D1100H100                                                                            | 220             | 110.0             | 0.79         |
| D1100H150                                                                            | 220             | 110.0             | 0.98         |
| D1100H200                                                                            | 220             | 110.0             | 1.59         |
| D1100H300                                                                            | 220             | 110.0             | 0.47         |

# Dual Synchro-Cog® Timing Belt

## Synchronous Drive Belt

### Dual Synchro-Cog® Timing Belt Part Numbers

Part Number Example: **D1250H100** =

|            |                                         |             |                        |
|------------|-----------------------------------------|-------------|------------------------|
| <b>D</b>   | <b>1250</b>                             | <b>H</b>    | <b>100</b>             |
| Dual Sided | Pitch Length<br>(in Tenth's of an Inch) | Tooth Pitch | 1/4-Inch Belt<br>Width |

| Part Number                                                                   | Number of Teeth | Pitch Length (in) | Weight (lbs) |
|-------------------------------------------------------------------------------|-----------------|-------------------|--------------|
| Dual Sided H (1/2" pitch)<br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                 |                   |              |
| D1250H100                                                                     | 250             | 125.0             | 0.90         |
| D1250H200                                                                     | 250             | 125.0             | 0.18         |
| D1250H300                                                                     | 250             | 125.0             | 2.71         |
| D1400H100                                                                     | 280             | 140.0             | 1.01         |
| D1400H150                                                                     | 280             | 140.0             | 1.51         |
| D1400H200                                                                     | 280             | 140.0             | 2.02         |
| D1400H300                                                                     | 280             | 140.0             | 3.03         |
| D1700H100                                                                     | 340             | 170.0             | 1.23         |
| D1700H200                                                                     | 340             | 170.0             | 2.45         |



# Dual Synchro-Cog® Timing Belts

## Sleeves

- Full factory width sleeves
- Sleeve edges are trimmed before shipment
- Sleeves cannot be accepted for return

Timken Belts maintains inventory of most sleeve sizes. Contact customer service for availability. Minimum order quantity and/or extended lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.

## Dual Synchro-Cog® Timing Belt Sleeve Part Numbers

| Part Number                                                                            | Sleeve Width (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------|-------------------|--------------|
| <b>Dual Sided XL (1/5" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (XL) |                   |              |
| D200XL180SL                                                                            | 180               | 0.6          |
| D210XL180SL                                                                            | 180               | 0.5          |
| D220XL180SL                                                                            | 180               | 0.7          |
| D230XL180SL                                                                            | 180               | 0.6          |
| D234XL180SL                                                                            | 180               | 0.7          |
| D234XL200SL                                                                            | 200               | 0.6          |
| D240XL180SL                                                                            | 180               | 0.6          |
| D250XL180SL                                                                            | 180               | 0.6          |
| D260XL180SL                                                                            | 180               | 0.6          |
| D260XL600SL                                                                            | 600               | 0.4          |
| D270XL180SL                                                                            | 180               | 0.7          |
| D280XL180SL                                                                            | 180               | 0.7          |
| D290XL180SL                                                                            | 180               | 0.9          |
| D300XL180SL                                                                            | 180               | 0.7          |
| D310XL180SL                                                                            | 180               | 1.0          |
| D320XL180SL                                                                            | 180               | 0.8          |
| D330XL180SL                                                                            | 180               | 1.0          |
| D340XL180SL                                                                            | 180               | 0.8          |
| D352XL180SL                                                                            | 180               | 0.9          |
| D356XL180SL                                                                            | 180               | 0.2          |
| D360XL180SL                                                                            | 180               | 1.1          |
| D380XL180SL                                                                            | 180               | 0.9          |
| D384XL180SL                                                                            | 180               | 1.2          |
| D492XL180SL                                                                            | 180               | 1.5          |
| D514XL180SL                                                                            | 180               | 1.6          |
| D580XL180SL                                                                            | 180               | 1.8          |
| <b>Dual Sided L (3/8" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (L)   |                   |              |
| D180L200SL                                                                             | 200               | 0.7          |
| D187L180SL                                                                             | 180               | 0.8          |
| D187L200SL                                                                             | 200               | 0.7          |
| D195L200SL                                                                             | 200               | 0.7          |
| D210L200SL                                                                             | 200               | 0.8          |
| D217L200SL                                                                             | 200               | 0.8          |



# Dual Synchro-Cog® Timing Belts

## Sleeves

### Dual Synchro-Cog® Timing Belt Sleeve Part Numbers

| Part Number                                                                          | Sleeve Width (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-------------------|--------------|
| <b>Dual Sided L (3/8" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (L) |                   |              |
| D225L180SL                                                                           | 180               | 1.0          |
| D240L180SL                                                                           | 180               | 1.1          |
| D240L200SL                                                                           | 200               | 0.9          |
| D244L200SL                                                                           | 200               | 0.9          |
| D255L180SL                                                                           | 180               | 1.1          |
| D255L200SL                                                                           | 200               | 0.9          |
| D277L200SL                                                                           | 200               | 1.2          |
| D281L200SL                                                                           | 200               | 1.2          |
| D285L180SL                                                                           | 180               | 1.3          |
| D285L200SL                                                                           | 200               | 1.0          |
| D300L200SL                                                                           | 200               | 1.1          |
| D315L180SL                                                                           | 180               | 1.0          |
| D315L200SL                                                                           | 200               | 0.5          |
| D322L200SL                                                                           | 200               | 4.6          |
| D334L200SL                                                                           | 200               | 0.3          |
| D337L200SL                                                                           | 200               | 0.3          |
| D345L180SL                                                                           | 180               | 1.5          |
| D345L200SL                                                                           | 200               | 1.3          |
| D352L200SL                                                                           | 200               | 12.8         |
| D367L200SL                                                                           | 200               | 1.6          |
| D375L180SL                                                                           | 180               | 1.2          |
| D375L200SL                                                                           | 200               | 1.4          |
| D390L180SL                                                                           | 180               | 1.3          |
| D390L200SL                                                                           | 200               | 1.9          |
| D405L180SL                                                                           | 180               | 1.3          |
| D420L200SL                                                                           | 200               | 3.9          |
| D427L200SL                                                                           | 200               | 1.6          |
| D435L180SL                                                                           | 180               | 1.4          |
| D435L200SL                                                                           | 200               | 0.4          |
| D450L200SL                                                                           | 200               | 1.6          |
| D453L200SL                                                                           | 200               | 16.4         |
| D465L200SL                                                                           | 200               | 1.7          |
| D480L200SL                                                                           | 200               | 1.7          |
| D500L200SL                                                                           | 200               | 0.5          |

| Part Number                                                                          | Sleeve Width (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-------------------|--------------|
| <b>Dual Sided L (3/8" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (L) |                   |              |
| D510L200SL                                                                           | 200               | 1.9          |
| D525L200SL                                                                           | 200               | 4.8          |
| D540L200SL                                                                           | 200               | 0.5          |
| D581L200SL                                                                           | 200               | 2.1          |
| D585L200SL                                                                           | 200               | 0.5          |
| D600L200SL                                                                           | 200               | 2.2          |
| D619L180SL                                                                           | 180               | 0.6          |
| D619L200SL                                                                           | 200               | 2.2          |
| D630L200SL                                                                           | 200               | 2.3          |
| D660L200SL                                                                           | 200               | 2.4          |
| D697L200SL                                                                           | 200               | 0.6          |
| D915L200SL                                                                           | 200               | 0.8          |
| <b>Dual Sided H (1/2" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                   |              |
| D205H200SL                                                                           | 200               | 1.3          |
| D225H200SL                                                                           | 200               | 1.3          |
| D240H200SL                                                                           | 200               | 1.5          |
| D240H600SL                                                                           | 600               | 1.2          |
| D245H200SL                                                                           | 200               | 3.5          |
| D270H200SL                                                                           | 200               | 1.7          |
| D280H200SL                                                                           | 200               | 1.6          |
| D300H200SL                                                                           | 200               | 1.9          |
| D310H200SL                                                                           | 200               | 1.8          |
| D315H200SL                                                                           | 200               | 2.0          |
| D320H200SL                                                                           | 200               | 2.0          |
| D340H200SL                                                                           | 200               | 1.9          |
| D350H200SL                                                                           | 200               | 2.0          |
| D360H200SL                                                                           | 200               | 2.3          |
| D370H200SL                                                                           | 200               | 0.5          |
| D380H200SL                                                                           | 200               | 2.4          |
| D390H200SL                                                                           | 200               | 2.5          |
| D400H200SL                                                                           | 200               | 2.5          |
| D410H200SL                                                                           | 200               | 2.6          |
| D420H200SL                                                                           | 200               | 2.7          |

# Dual Synchro-Cog® Timing Belts

## Sleeves

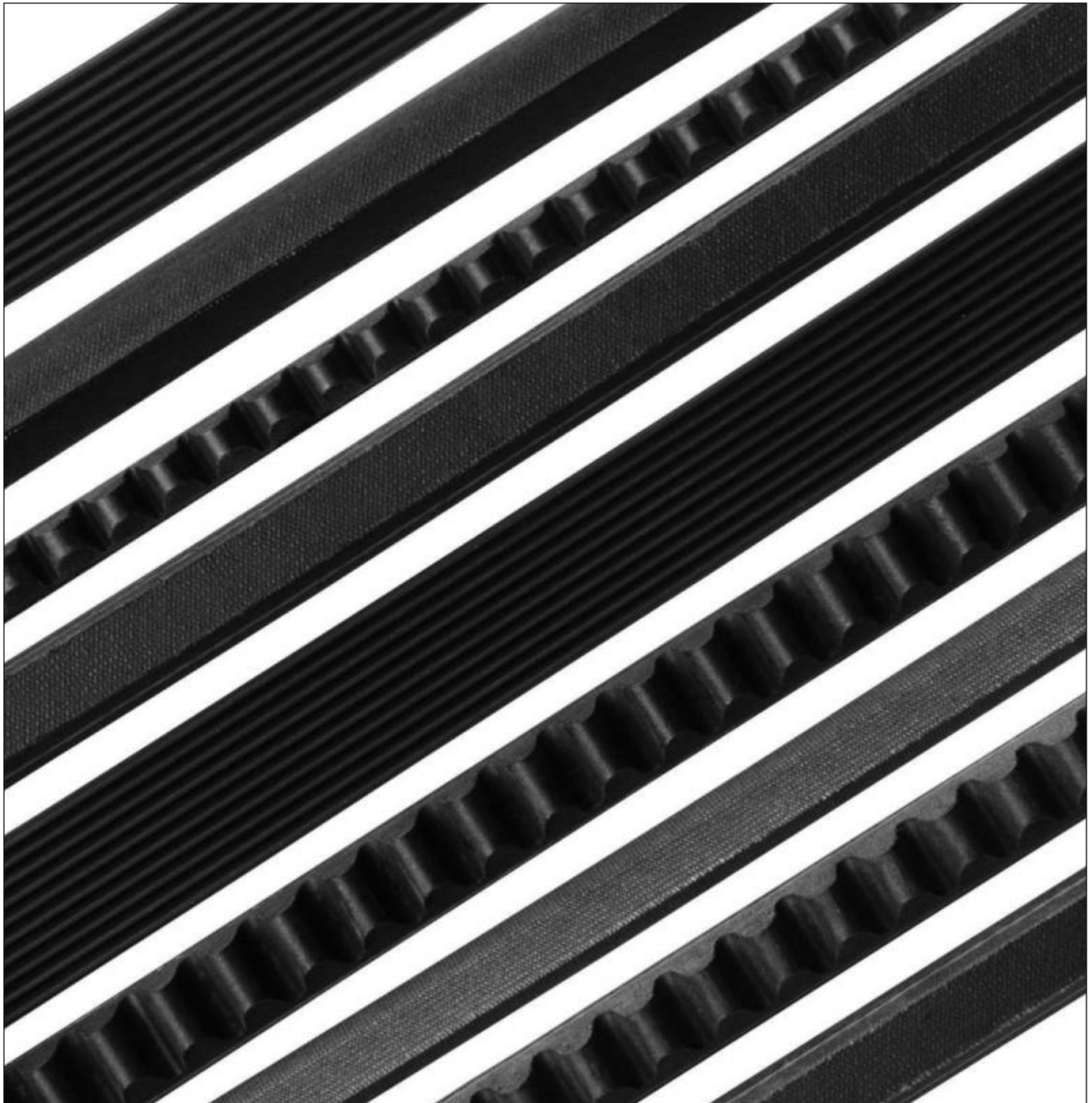
Part Number Example: **D225L180SL** =

**D** | **225** | **L** | **180** | **SL**  
 Dual Sided | Pitch Length (in Tenths of an Inch) | Tooth Pitch | 1/4-Inch Belt Width | Sleeve

| Part Number                                                                          | Sleeve Width (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-------------------|--------------|
| <b>Dual Sided H (1/2" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                   |              |
| D425H200SL                                                                           | 200               | 2.7          |
| D445H200SL                                                                           | 200               | 2.8          |
| D450H200SL                                                                           | 200               | 2.9          |
| D460H200SL                                                                           | 200               | 2.9          |
| D465H200SL                                                                           | 200               | 2.6          |
| D470H200SL                                                                           | 200               | 0.7          |
| D480H200SL                                                                           | 200               | 2.7          |
| D490H200SL                                                                           | 200               | 3.1          |
| D500H200SL                                                                           | 200               | 3.2          |
| D530H200SL                                                                           | 200               | 3.0          |
| D540H200SL                                                                           | 200               | 3.1          |
| D550H200SL                                                                           | 200               | 3.1          |
| D560H200SL                                                                           | 200               | 3.2          |
| D570H200SL                                                                           | 200               | 3.6          |
| D580H200SL                                                                           | 200               | 3.3          |
| D590H200SL                                                                           | 200               | 3.4          |
| D600H200SL                                                                           | 200               | 3.8          |
| D605H200SL                                                                           | 200               | 3.4          |
| D625H200SL                                                                           | 200               | 4.0          |
| D630H200SL                                                                           | 200               | 4.0          |
| D630H600SL                                                                           | 600               | 0.6          |
| D640H200SL                                                                           | 200               | 3.6          |
| D650H200SL                                                                           | 200               | 4.1          |
| D660H200SL                                                                           | 200               | 3.7          |
| D670H200SL                                                                           | 200               | 3.8          |
| D680H200SL                                                                           | 200               | 3.9          |
| D690H200SL                                                                           | 200               | 4.4          |
| D700H200SL                                                                           | 200               | 4.5          |
| D720H200SL                                                                           | 200               | 4.6          |
| D725H200SL                                                                           | 200               | 4.1          |
| D730H200SL                                                                           | 200               | 4.1          |
| D740H200SL                                                                           | 200               | 1.1          |
| D750H200SL                                                                           | 200               | 4.8          |
| D770H200SL                                                                           | 200               | 4.9          |

| Part Number                                                                          | Sleeve Width (in) | Weight (lbs) |
|--------------------------------------------------------------------------------------|-------------------|--------------|
| <b>Dual Sided H (1/2" pitch)</b><br>Recommended Pulleys: – MPB, QD, Taper Bushed (H) |                   |              |
| D780H200SL                                                                           | 200               | 4.4          |
| D800H200SL                                                                           | 200               | 4.5          |
| D820H200SL                                                                           | 200               | 4.7          |
| D840H200SL                                                                           | 200               | 7.7          |
| D850H200SL                                                                           | 200               | 4.8          |
| D860H200SL                                                                           | 200               | 4.9          |
| D880H200SL                                                                           | 200               | 1.3          |
| D900H200SL                                                                           | 200               | 5.7          |
| D920H200SL                                                                           | 200               | 1.3          |
| D950H200SL                                                                           | 200               | 6.0          |
| D1000H200SL                                                                          | 200               | 6.4          |
| D1020H200SL                                                                          | 200               | 9.2          |
| D1030H200SL                                                                          | 200               | 5.9          |
| D1050H200SL                                                                          | 200               | 6.0          |
| D1100H200SL                                                                          | 200               | 6.2          |
| D1140H200SL                                                                          | 200               | 6.5          |
| D1150H200SL                                                                          | 200               | 7.3          |
| D1250H200SL                                                                          | 200               | 7.1          |
| D1270H200SL                                                                          | 200               | 7.2          |
| D1350H200SL                                                                          | 200               | 7.7          |
| D1400H200SL                                                                          | 200               | 8.0          |
| D1500H200SL                                                                          | 200               | 9.5          |
| D1560H200SL                                                                          | 200               | 8.9          |
| D1600H200SL                                                                          | 200               | 10.2         |
| D1700H200SL                                                                          | 200               | 9.7          |

# V-Belts



# V-Belts

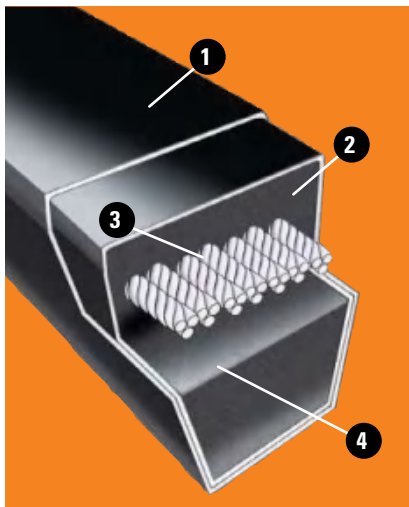
## Construction & Drive Advantages

The function of a v-belt is to transmit power from one shaft to another through a driver to a driven pulley (sheaves). The belts must transfer this power efficiently and reliably. V-belts work on the principle of the wedge and rely on proper tension to create friction or grip on the sidewall of the sheave to transmit power. V-belt drive systems are easy to install, require no lubrication, and dampen shock load.

You can depend on Timken belts for a wide range of applications. We've got you covered with the right belt for most any job. Timken belts are purpose-built and designed for optimal performance on the most demanding applications.

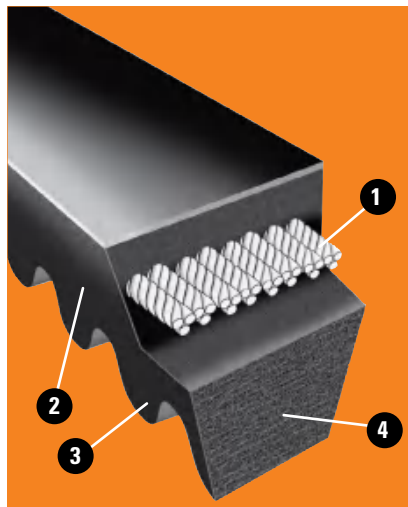
### V-Belt Construction

There are two major types of v-belt construction, wrapped and raw edge. Wrapped Molded belts are molded into a "V" shape and have a fabric cover. Raw Edge Cog-Belts are cured and then cut into a "V" shape.



### Wrapped Belt

1. **Cover** – Heavy-duty fabric impregnated with engineered rubber compounds protects the core
2. **Tension Section** – Synthetic rubber specially formulated to stretch as belt bends around sheaves
3. **Cord** – High-modulus cord carries the horsepower load with minimum stretch
4. **Compression Section** – Synthetic rubber compound designed to support cords evenly and compress while bending around the sheaves



### Raw Edge Cog-Belt

1. **Cord** – High-modulus cord carries the horsepower load with minimum stretch
2. **Raw Edge Sidewalls** – Provide uniform, anti-slip surface, increase efficiency and reduce vibration
3. **Cogs** – Precision molded cogs improve belt flex and reduce bending stress
4. **EPDM** – Offers superior flex and load carrying capacity, resistant to heat and cracking

### V-Belt Drive Advantages

V-belt drives provide many advantages that help reduce equipment repairs while minimizing downtime.

- V-belts are rugged – they can provide years of trouble-free performance when given minimal attention, even under adverse conditions
- V-belts are clean – they require no lubrication
- V-belts are efficient – performing with an average of 93% efficiency; Raw Edge cog-belts are 95% efficient
- V-belts start, stop and run smoothly
- V-belts cover wide horsepower ranges
- V-belts permit a wide range of driven speeds, using standard electric motors
- V-belts dampen vibration between driving and driven machines
- V-belts are quiet
- V-belts act as a mechanical fuse for the system
- V-belts and sheaves wear gradually – so preventive and corrective maintenance is easy
- V-belts can be less expensive than other forms of power transmission
- V-belts are relatively unaffected by moisture, dust and variations in temperature

# V-Belts

## V-Belt Installation Check List & Selection Guide

### V-Belt Installation Check List

- ☐ 1. Disconnect and lock-out power source
- ☐ 2. Observe all safety procedures
- ☐ 3. Follow the recommendations of the original equipment manufacturer
- ☐ 4. Remove belt guard
- ☐ 5. Loosen motor mounts
- ☐ 6. Shorten center distance
- ☐ 7. Remove old belts
- ☐ 8. Inspect belt wear patterns for possible troubleshooting
- ☐ 9. Inspect drive elements – bearings, shaft, etc.
- ☐ 10. Inspect sheaves for wear and clean sheaves
- ☐ 11. Check sheave alignment (preliminary)
- ☐ 12. Select proper replacement belts
- ☐ 13. Install new belts
- ☐ 14. Properly tension belts
- ☐ 15. Re-check sheave alignment and tension
- ☐ 16. Replace guard
- ☐ 17. Start drive (look and listen)
- ☐ 18. Check tension after 24 hours

| Timken Belts                  | Chek Mate® Matching                                                               | Generic Belt Type (Cross Sections)          | Normal Horsepower Range |
|-------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------|-------------------------|
| Gold-Ribbon® Cog-Belt®        |  | Classical Cogged Multiple (AX, BX, CX, DX)  | 1-500                   |
| Super II® V-Belt              |  | Classical Multiple (A, B, C)                | 1-500                   |
| Super Blue Ribbon® V-Belt     |  | Classical Multiple (A, B, C, D)             | 1-500                   |
| Aramax® Xtra Duty V-Belt      |                                                                                   | Classical Multiple (3L, AK, BK)             | 1-500                   |
| Power-Wedge® Cog-Belt®        |  | Narrow Cogged Multiple (3VX, 5VX, 8VX)      | 1-600                   |
| Metric Power-Wedge® Cog-Belt® |  | Narrow Cogged Multiple (XPZ, XPA, XPB, XPC) | 1-600                   |
| Super Power-Wedge® V-Belt     |  | Narrow Multiple (3V, 5V, 8V)                | 1-1000                  |
| Double Angle V-Belt           |                                                                                   | Double V-Belts (AA, BB, CC)                 | 1-200                   |
| Vee-Rib® Belt                 |                                                                                   | V-Ribbed (J)                                | 4-500                   |
| Gold-Ribbon® Cog-Band®        |                                                                                   | Classical Cogged Banded (RBX, RCX)          | 1-500                   |
| Power-Wedge® Cog-Band®        |                                                                                   | Narrow Cogged Banded (R3VX, R5VX)           | 1-1000                  |
| Super Power-Wedge® Band       |                                                                                   | Narrow Banded (R3V, R5V, R8V)               | 1-1000                  |
| Aramax® Power-Wedge® Band     |                                                                                   | Narrow Banded (R5VK, R8VK)                  | 1-2000                  |
| Chipper Drive Wedge-Band®     |                                                                                   | Narrow Banded (R5VL)                        | 1-600                   |
| Super Blue Ribbon® Band       |                                                                                   | Classical Banded (RB, RC, RD)               | 1-500                   |
| Durapower® II FHP Belt        |                                                                                   | FHP (2L, 3L, 4L, 5L)                        | Light Duty              |
| Dry-Can Belt                  |                                                                                   | Double Angle (CC-S)                         | 1-500                   |
| PowerTwist Drive® Belting     |                                                                                   | Link Belting (3L, A/4L, B/5L, C)            | 1-300                   |
| Round Belts                   |                                                                                   | Round (716R, 916R)                          | 1-200                   |

 This symbol indicates product manufactured to **chekmate** tolerances.

# V-Belts

## V-Belt Installation Check List & Selection Guide

| Maximum Belt Speed (FT/Min) <sup>(1)</sup> | Normal Temperature Range (°F) <sup>(2)</sup> |      | Oil/Heat Resistance | Static Dissipating | General Application                                                                |
|--------------------------------------------|----------------------------------------------|------|---------------------|--------------------|------------------------------------------------------------------------------------|
|                                            | Min.                                         | Max. |                     |                    |                                                                                    |
| 6500                                       | -50                                          | 250  | Good                | ✓                  | Longer life, high efficiency, small diameters                                      |
| 6500                                       | -50                                          | 250  | Good                | ✓                  | General purpose heavy duty industrial drives                                       |
| 6500                                       | -35                                          | 120  | Good                | ✓                  | General purpose heavy duty industrial drives                                       |
| 6500                                       | -35                                          | 120  | Good                | No                 | General purpose heavy duty industrial drives                                       |
| 6500                                       | -50                                          | 250  | Good                | ✓                  | High-performance, compact industrial drives                                        |
| 6500                                       | -50                                          | 250  | Good                | ✓                  | High-performance, compact industrial drives                                        |
| 6500                                       | -35                                          | 130  | Very Good           | ✓                  | High-performance, compact industrial drives                                        |
| 6500                                       | -35                                          | 120  | Good                | Special Order Only | Serpentine drives                                                                  |
| 6500                                       | -35                                          | 130  | Very Good           | No                 | Small diameters, high speed ratios, compact                                        |
| 6500                                       | -35                                          | 130  | Good                | ✓                  | Longer life, high efficiency, reduces belt whip, turnover on pulsating surge loads |
| 6500                                       | -35                                          | 130  | Good                | ✓                  | Eliminates belt whip and turnover                                                  |
| 6500                                       | -35                                          | 130  | Very Good           | ✓                  | Eliminates belt whip and turnover                                                  |
| 6500                                       | -35                                          | 130  | Very Good           | ✓                  | Heavy duty, high load machinery                                                    |
| 6500                                       | -35                                          | 130  | Very Good           | Special Order Only | Chipper drives                                                                     |
| 6500                                       | -35                                          | 120  | Good                | ✓                  | Eliminates belt whip and turnover                                                  |
| 6500                                       | -50                                          | 250  | Fair                | ✓                  | Using a single belt/low load/small HVAC                                            |
| 6500                                       | -35                                          | 120  | Good                | Special Order Only | Dry-Can applications                                                               |
| 5000 (1000 min.)                           | -35                                          | 130  | Excellent           | No                 | Emergency replacement, fixed center distance                                       |
| 6500                                       | -35                                          | 130  | Good                | Special Order Only | Conveyor applications                                                              |

**Notes:** (1) Normally limited by sheave materials. (2) Expect moderate life loss due to heat.

# V-Belts

## Nomenclature

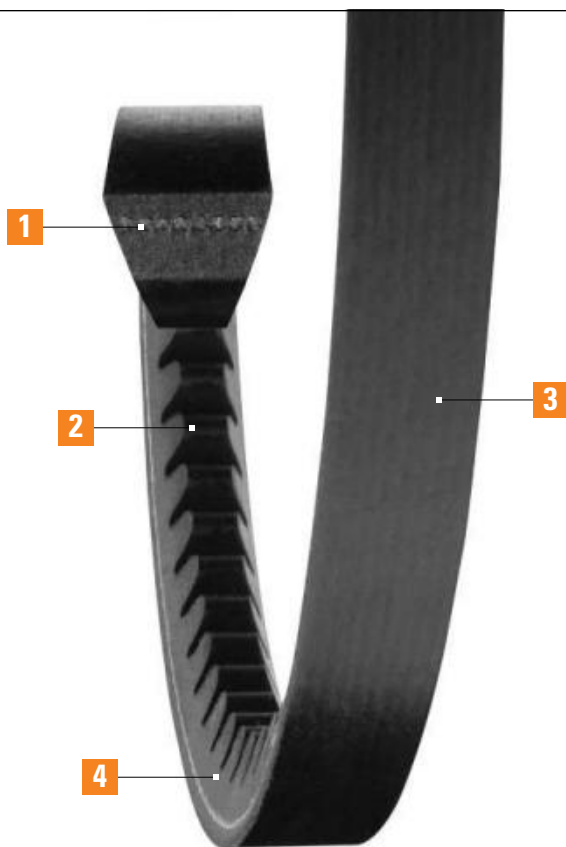
### Timken V-Belts Nomenclature

| Cross Section          | Timken Belts                             | Part # Example | Part Number Explanation                                                                                           |
|------------------------|------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------|
| Wedge V-Belts          |                                          |                |                                                                                                                   |
| 3VX, 5VX, 8VX          | Power-Wedge® Cog-Belt®                   | 5VX850         | 5V = cross section, X = cogged construction, 850 = effective length in tenths of an inch                          |
| XPZ, XPA, XPB, XPC     | Metric Power-Wedge® Cog-Belt®            | XPB2000        | X = cogged construction, PB = cross section, 2000 = pitch length in millimeters                                   |
| 3V, 5V, 8V             | Super Power-Wedge® V-Belt                | 5V850          | 5V = cross section, 850 = effective length in tenths of an inch                                                   |
| SPB, SPC               | Metric Super Power-Wedge® V-Belt         | SPB2000        | SPB = cross section, 2000 = pitch length in millimeters                                                           |
| 5VK, 8VK               | Aramax® Super Power-Wedge® V-Belt        | 5VK850         | 5V = cross section, K = aramid cord, 850 = effective length in tenths of an inch                                  |
| SPBK, SPCK             | Metric Aramax® Super Power-Wedge® V-Belt | SPBK2000       | SPB = cross section, K = aramid cord, 2000 = pitch length in millimeters                                          |
| Classical V-Belts      |                                          |                |                                                                                                                   |
| AX, BX, CX, DX         | Gold-Ribbon® Cog-Belt®                   | BX85           | B = cross section, X = cogged construction, 85 = inside circumference in inches                                   |
| A-R, B-R, C-R          | Super II® V-Belt                         | B85R           | B = cross section, 85 = inside circumference in inches, R = raw edge construction                                 |
| A, B, C, D, E          | Super Blue Ribbon® V-Belt                | B85            | B = cross section, 85 = inside circumference in inches                                                            |
| 3L-K, AK, BK           | Aramax® Xtra Duty V-Belt                 | BK95           | B = cross section, K = aramid cord construction, 85 = inside circumference in inches                              |
| Double Angle V-Belts   |                                          |                |                                                                                                                   |
| AA, BB, CC             | Double Angle V-Belt                      | BB85           | BB = cross section, 85 = inside circumference in inches                                                           |
| FHP V-Belts            |                                          |                |                                                                                                                   |
| 2L-R, 3L-R, 4L-R, 5L-R | Durapower® II FHP V-Belt                 | 4L400R         | 4L = cross section, 400 = outside length in tenths of inch, R = raw edge construction                             |
| Variable Speed V-Belts |                                          |                |                                                                                                                   |
| V                      | Variable Speed Cog-Belt®                 | 1228V255       | 12 = top width in 16th of an inch, 28 = pulley angle, V = variable speed, 255 = pitch length in tenths of an inch |
| V-Ribbed Belts         |                                          |                |                                                                                                                   |
| J                      | Vee-Rib™ Belt                            | 490J8          | 490 = effective length in inches, J = cross section, 8 = number of ribs                                           |



# Power-Wedge® Cog-Belt®

## V-Belt



- 1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.
- 2 Precision Molded Cogs**  
Improves flexibility and reduces stress that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life. Smaller pulley diameters mean lower cost and space savings.

- 3 EPDM Construction**  
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.
- 4 Raw Edge Side Walls**  
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life. The raw edge construction also allows more cord width for increased horsepower capacity.

**Recommended Sheaves:**  
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

Energy efficient

Smooth running

Design flexibility

High performance  
EPDM construction:

- High HP ratings
- Long belt life
- Oil and heat resistant
- Resists hardening and glazing
- Broad operating temperature range (-50°F to +250°F)

**checkmate®**

Static conductive

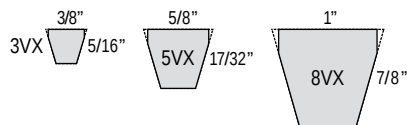
Imperial and metric cross-sections

Applications:

- Fans
- Pumps
- HVAC
- Compressors & More

# Power-Wedge® Cog-Belt®

## V-Belt



**The Power-Wedge® Cog-Belt® combines the advantages of EPDM, the narrow belt wedge design and raw edge performance for maximum operating efficiency in a compact drive package.**

### More Grip ... Less Slip

Our Power-Wedge® Cog-Belt® provides more torque with little or no slippage. The result is savings – in time, in belt life and in energy costs.

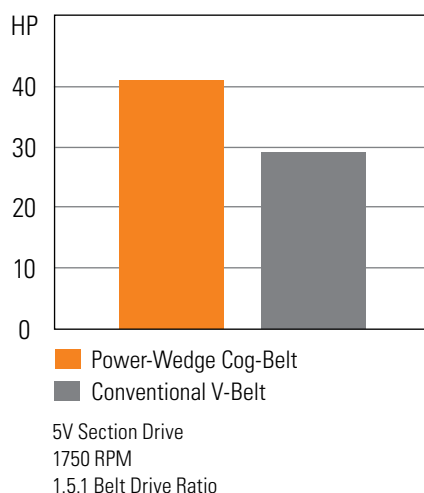
The narrow profile permits reduced drive widths and a smaller drive envelope. Higher horsepower ratings translate into greater design flexibility – reducing drive cost, space and weight.

Belts are made of Ethylene Propylene Diene Monomer (EPDM), a synthetic rubber that is durable and resistant to oil, heat, hardening and glazing. Timken belts made of EPDM have superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

The Power-Wedge Cog-Belt is available in 3VX, 5VX, and 8VX cross sections as well as metric sizes XPZ, XPA, XPB, and XPC. Where applicable, belts are dual branded with imperial and metric part numbers.



Horsepower Ratings Comparison



# Power-Wedge® Cog-Belt®

## V-Belt

## Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **5VX500** = **5V** **X** **500**  
Cross Section      Cogged Construction      Effective Length (inches in tenths: 50.0")

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                |                            |               |
| 3VX250                                                                                    | 25.4                           | 645                        | 0.1           |
| 3VX265                                                                                    | 27                             | 686                        | 0.1           |
| 3VX270                                                                                    | 27.6                           | 701                        | 0.1           |
| 3VX280                                                                                    | 28.5                           | 724                        | 0.1           |
| 3VX290                                                                                    | 29.5                           | 749                        | 0.1           |
| 3VX300                                                                                    | 30.4                           | 772                        | 0.1           |
| 3VX310                                                                                    | 31.7                           | 805                        | 0.1           |
| 3VX315                                                                                    | 32.0                           | 813                        | 0.1           |
| 3VX326                                                                                    | 33.1                           | 841                        | 0.1           |
| 3VX335                                                                                    | 33.8                           | 859                        | 0.1           |
| 3VX350                                                                                    | 35.4                           | 900                        | 0.1           |
| 3VX355                                                                                    | 36.1                           | 917                        | 0.1           |
| 3VX365                                                                                    | 37.0                           | 940                        | 0.1           |
| 3VX375                                                                                    | 38.0                           | 965                        | 0.1           |
| 3VX385                                                                                    | 38.9                           | 988                        | 0.1           |
| 3VX390                                                                                    | 39.5                           | 1004                       | 0.1           |
| 3VX400                                                                                    | 40.5                           | 1029                       | 0.1           |
| 3VX425                                                                                    | 43.0                           | 1092                       | 0.1           |
| 3VX450                                                                                    | 45.6                           | 1158                       | 0.1           |
| 3VX464                                                                                    | 46.8                           | 1188                       | 0.2           |
| 3VX475                                                                                    | 48.0                           | 1219                       | 0.1           |
| 3VX487                                                                                    | 49.3                           | 1252                       | 0.2           |
| 3VX500                                                                                    | 50.5                           | 1283                       | 0.2           |
| 3VX520                                                                                    | 52.7                           | 1339                       | 0.2           |
| 3VX530                                                                                    | 53.4                           | 1356                       | 0.2           |
| 3VX540                                                                                    | 54.1                           | 1374                       | 0.2           |
| 3VX550                                                                                    | 55.9                           | 1420                       | 0.2           |
| 3VX560                                                                                    | 56.5                           | 1435                       | 0.2           |
| 3VX570                                                                                    | 57.8                           | 1467                       | 0.2           |
| 3VX580                                                                                    | 58.4                           | 1483                       | 0.2           |
| 3VX590                                                                                    | 59.6                           | 1514                       | 0.2           |
| 3VX600                                                                                    | 60.6                           | 1539                       | 0.2           |
| 3VX630                                                                                    | 63.4                           | 1610                       | 0.2           |
| 3VX616                                                                                    | 62.2                           | 1579                       | 0.2           |
| 3VX650                                                                                    | 65.6                           | 1666                       | 0.2           |
| 3VX670                                                                                    | 67.5                           | 1715                       | 0.2           |
| 3VX690                                                                                    | 69.4                           | 1763                       | 0.2           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                |                            |               |
| 3VX710                                                                                    | 71.6                           | 1819                       | 0.2           |
| 3VX750                                                                                    | 75.3                           | 1913                       | 0.2           |
| 3VX771                                                                                    | 77.5                           | 1970                       | 0.2           |
| 3VX800                                                                                    | 80.4                           | 2042                       | 0.3           |
| 3VX820                                                                                    | 82.6                           | 2098                       | 0.4           |
| 3VX850                                                                                    | 85.4                           | 2169                       | 0.3           |
| 3VX900                                                                                    | 90.4                           | 2296                       | 0.3           |
| 3VX950                                                                                    | 95.5                           | 2426                       | 0.3           |
| 3VX974                                                                                    | 98.0                           | 2488                       | 0.3           |
| 3VX1000                                                                                   | 100.5                          | 2553                       | 0.3           |
| 3VX1027                                                                                   | 103.0                          | 2616                       | 0.3           |
| 3VX1060                                                                                   | 106.4                          | 2703                       | 0.3           |
| 3VX1120                                                                                   | 112.4                          | 2855                       | 0.4           |
| 3VX1180                                                                                   | 118.4                          | 3007                       | 0.4           |
| 3VX1250                                                                                   | 125.5                          | 3188                       | 0.4           |
| 3VX1280                                                                                   | 128.5                          | 3264                       | 0.4           |
| 3VX1320                                                                                   | 132.5                          | 3366                       | 0.4           |
| 3VX1360                                                                                   | 136.5                          | 3467                       | 0.4           |
| 3VX1400                                                                                   | 140.5                          | 3569                       | 0.4           |
| 3VX1500                                                                                   | 150.5                          | 3823                       | 0.5           |
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5VX392                                                                                    | 39.5                           | 1004                       | 0.3           |
| 5VX402                                                                                    | 40.8                           | 1036                       | 0.3           |
| 5VX450                                                                                    | 45.5                           | 1156                       | 0.4           |
| 5VX470                                                                                    | 47.4                           | 1204                       | 0.4           |
| 5VX490                                                                                    | 49.5                           | 1257                       | 0.4           |
| 5VX500                                                                                    | 50.5                           | 1283                       | 0.4           |
| 5VX510                                                                                    | 51.5                           | 1308                       | 0.4           |
| 5VX530                                                                                    | 53.6                           | 1361                       | 0.4           |
| 5VX540                                                                                    | 54.4                           | 1382                       | 0.4           |
| 5VX550                                                                                    | 55.5                           | 1410                       | 0.4           |
| 5VX560                                                                                    | 56.5                           | 1435                       | 0.5           |
| 5VX570                                                                                    | 57.4                           | 1458                       | 0.5           |
| 5VX580                                                                                    | 58.4                           | 1483                       | 0.5           |
| 5VX590                                                                                    | 59.6                           | 1514                       | 0.5           |
| 5VX600                                                                                    | 60.6                           | 1539                       | 0.6           |

# Power-Wedge® Cog-Belt®

## V-Belt

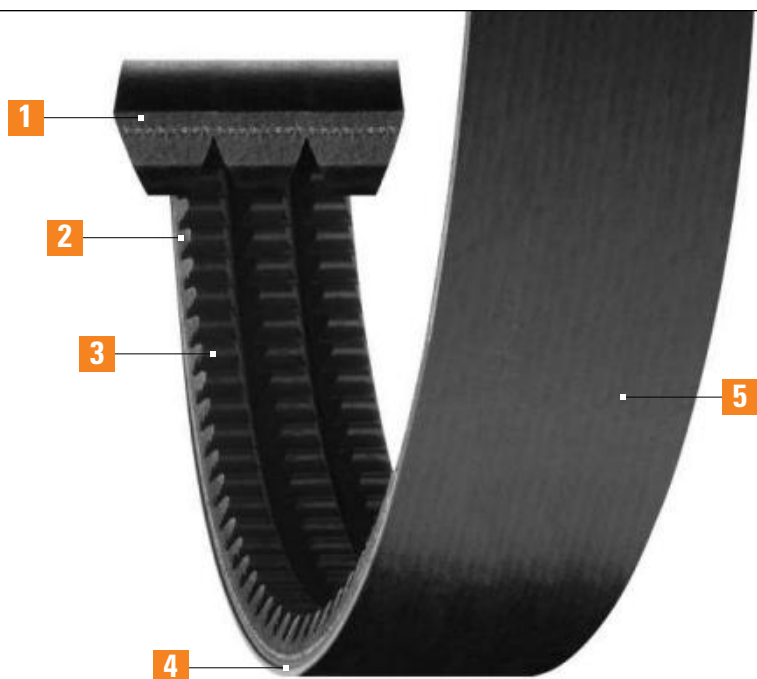
### Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **5VX1000** = **5V** **X** **1000**  
Cross Section Cogged Construction Effective Length (inches in tenths: 100.0")

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5VX610                                                                                    | 61.5                           | 1562                       | 0.5           |
| 5VX619                                                                                    | 62.5                           | 1586                       | 0.5           |
| 5VX630                                                                                    | 63.4                           | 1610                       | 0.5           |
| 5VX650                                                                                    | 65.5                           | 1664                       | 0.5           |
| 5VX660                                                                                    | 66.5                           | 1689                       | 0.5           |
| 5VX670                                                                                    | 67.5                           | 1715                       | 0.5           |
| 5VX680                                                                                    | 68.4                           | 1737                       | 0.5           |
| 5VX690                                                                                    | 69.4                           | 1763                       | 0.6           |
| 5VX700                                                                                    | 70.6                           | 1794                       | 0.6           |
| 5VX710                                                                                    | 71.6                           | 1819                       | 0.6           |
| 5VX720                                                                                    | 72.5                           | 1842                       | 0.6           |
| 5VX730                                                                                    | 73.5                           | 1867                       | 0.6           |
| 5VX740                                                                                    | 74.4                           | 1890                       | 0.6           |
| 5VX750                                                                                    | 75.6                           | 1920                       | 0.6           |
| 5VX760                                                                                    | 76.6                           | 1945                       | 0.6           |
| 5VX769                                                                                    | 77.5                           | 1969                       | 0.6           |
| 5VX770                                                                                    | 77.5                           | 1969                       | 0.6           |
| 5VX780                                                                                    | 78.5                           | 1994                       | 0.6           |
| 5VX790                                                                                    | 79.4                           | 2017                       | 0.6           |
| 5VX800                                                                                    | 80.4                           | 2042                       | 0.6           |
| 5VX810                                                                                    | 81.3                           | 2065                       | 0.6           |
| 5VX830                                                                                    | 83.5                           | 2121                       | 0.7           |
| 5VX840                                                                                    | 84.4                           | 2144                       | 0.7           |
| 5VX850                                                                                    | 85.4                           | 2169                       | 0.7           |
| 5VX860                                                                                    | 86.3                           | 2192                       | 0.7           |
| 5VX867                                                                                    | 87.2                           | 2214                       | 0.7           |
| 5VX880                                                                                    | 88.5                           | 2248                       | 0.7           |
| 5VX890                                                                                    | 89.5                           | 2273                       | 0.7           |
| 5VX900                                                                                    | 90.4                           | 2296                       | 0.7           |
| 5VX918                                                                                    | 92.3                           | 2345                       | 0.8           |
| 5VX930                                                                                    | 93.5                           | 2375                       | 0.7           |
| 5VX940                                                                                    | 94.5                           | 2400                       | 0.8           |
| 5VX950                                                                                    | 95.4                           | 2423                       | 0.8           |
| 5VX960                                                                                    | 96.3                           | 2446                       | 0.8           |
| 5VX978                                                                                    | 98.3                           | 2496                       | 0.8           |
| 5VX990                                                                                    | 99.5                           | 2527                       | 0.8           |
| 5VX1000                                                                                   | 100.5                          | 2553                       | 0.8           |
| 5VX1017                                                                                   | 102.4                          | 2600                       | 0.8           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5VX1030                                                                                   | 103.3                          | 2624                       | 0.8           |
| 5VX1060                                                                                   | 106.4                          | 2703                       | 0.9           |
| 5VX1080                                                                                   | 108.6                          | 2758                       | 0.9           |
| 5VX1108                                                                                   | 111.3                          | 2827                       | 0.9           |
| 5VX1120                                                                                   | 112.4                          | 2855                       | 0.9           |
| 5VX1150                                                                                   | 115.5                          | 2934                       | 0.9           |
| 5VX1160                                                                                   | 116.8                          | 2967                       | 0.9           |
| 5VX1180                                                                                   | 118.6                          | 3012                       | 0.9           |
| 5VX1200                                                                                   | 120.5                          | 3061                       | 1.0           |
| 5VX1230                                                                                   | 123.5                          | 3137                       | 1.0           |
| 5VX1250                                                                                   | 125.5                          | 3188                       | 1.0           |
| 5VX1320                                                                                   | 132.5                          | 3366                       | 1.1           |
| 5VX1374                                                                                   | 137.9                          | 3503                       | 1.1           |
| 5VX1400                                                                                   | 140.5                          | 3569                       | 1.1           |
| 5VX1500                                                                                   | 150.5                          | 3823                       | 1.2           |
| 5VX1600                                                                                   | 160.5                          | 4077                       | 1.3           |
| 5VX1700                                                                                   | 170.5                          | 4331                       | 1.4           |
| 5VX1750                                                                                   | 175.5                          | 4458                       | 1.4           |
| 5VX1800                                                                                   | 180.5                          | 4585                       | 1.4           |
| 5VX1850                                                                                   | 185.5                          | 4712                       | 1.5           |
| 5VX1900                                                                                   | 190.5                          | 4839                       | 1.5           |
| 5VX2000                                                                                   | 200.5                          | 5093                       | 1.6           |
| <b>8V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (8V)</b> |                                |                            |               |
| 8VX1000                                                                                   | 100.5                          | 2553                       | 2.3           |
| 8VX1060                                                                                   | 106.5                          | 2705                       | 2.5           |
| 8VX1120                                                                                   | 112.5                          | 2858                       | 2.6           |
| 8VX1180                                                                                   | 118.5                          | 3010                       | 2.8           |
| 8VX1250                                                                                   | 125.5                          | 3188                       | 2.9           |
| 8VX1320                                                                                   | 132.5                          | 3366                       | 3.1           |
| 8VX1400                                                                                   | 140.5                          | 3569                       | 3.3           |
| 8VX1500                                                                                   | 150.5                          | 3823                       | 3.5           |
| 8VX1600                                                                                   | 160.5                          | 4077                       | 3.7           |
| 8VX1700                                                                                   | 170.5                          | 4331                       | 4.0           |
| 8VX1800                                                                                   | 180.5                          | 4585                       | 4.2           |
| 8VX1900                                                                                   | 190.5                          | 4839                       | 4.4           |
| 8VX2000                                                                                   | 200.5                          | 5093                       | 4.5           |

# Power-Wedge® Cog-Band® Banded Belt



## 1 Oversized Polyester Cord

High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

## 2 Raw Edge Sidewalls

Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

## 3 Precision Molded Cogs

Superior flexibility with reduced bending stress helps dissipate heat providing significantly longer belt life. Uses smaller pulley diameters. A cost and space saver.

## 4 Reinforced Tie-Band

Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

## 5 EPDM

Ethylene Propylene Diene Monomer is a synthetic rubber that is durable and resistant to heat, oil, hardening and glazing. EPDM has superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

### Recommended Pulleys:

Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V)

Banded version of  
Power-Wedge Cog-Belt

EPDM raw edge  
construction

Minimizes belt whip and  
turnover

Higher horsepower than  
wrapped belts

Longer belt life than  
wrapped belts

Oil and heat resistant

Static dissipating

### Applications:

Fans  
Pumps  
Compressors  
& More

Synchronous Belts

V-Belts

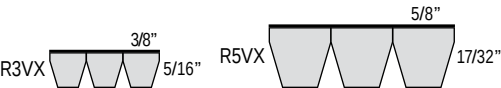
Specialty Belts

Tools

General Information

# Power-Wedge® Cog-Band®

## Banded Belt



**Two or more Power-Wedge Cog-Belts are permanently joined together at the top with a reinforced tie-band. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.**

The Power-Wedge Cog-Band combines the longer life and superior performance of the Power-Wedge Cog-Belt with the stability of a banded belt. The unique construction of Ethylene Propylene DieneMonomer (EPDM) and the superior flexing of precision molded cogs with the tenacious gripping power of raw edge sidewalls provides significantly longer belt life, improved efficiency and higher horsepower ratings than wrapped belts.

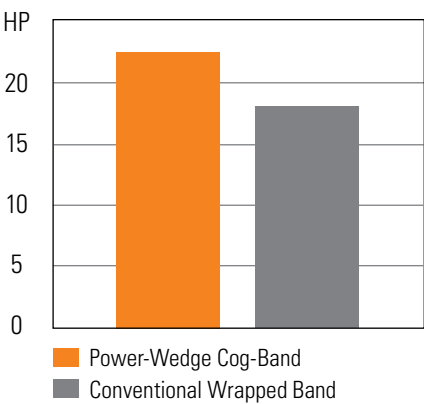
EPDM is static conductive, durable, and resistant to heat, hardening, and glazing.

Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.

For complete part number, add a hyphen followed by the number of ribs required. For example: R5VX1000-3.



Horsepower Per Rib Comparison



### Power-Wedge Cog-Band Matching Limits

Matching limits for Power-Wedge Cog-Band are shown in the table below. If the match limit is 1, the bands must all have the same matching code or “sag” number. If the match limit is 2, a matched set may consist of any 2 adjacent matching matching codes or “sag” numbers, etc.

| Product Type and Length Code | Match Limit |
|------------------------------|-------------|
| <b>Power-Wedge® Cog Band</b> |             |
| R3VX250 – R3VX630            | 1           |
| R3VX670 – R3VX1400           | 2           |
| R5VX500 – R5VX630            | 1           |
| R5VX670 – R5VX1500           | 2           |
| R5VX1600 and up              | 3           |

# Power-Wedge® Cog-Band® Banded Belt

## Power-Wedge® Cog-Band® Part Numbers

| Part Number                                                                                            | Outside Circumference (inches) per rib | Outside Circumference (mm) per rib | Weight (lbs.) per rib |
|--------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-----------------------|
| <b>R3VX – Banded 3VX Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                        |                                    |                       |
| R3VX250                                                                                                | 26.1                                   | 26                                 | 0.13                  |
| R3VX265                                                                                                | 27.6                                   | 701                                | 0.14                  |
| R3VX280                                                                                                | 29.1                                   | 739                                | 0.15                  |
| R3VX300                                                                                                | 31.1                                   | 790                                | 0.16                  |
| R3VX315                                                                                                | 32.6                                   | 828                                | 0.16                  |
| R3VX335                                                                                                | 34.6                                   | 879                                | 0.17                  |
| R3VX355                                                                                                | 36.6                                   | 930                                | 0.18                  |
| R3VX375                                                                                                | 38.6                                   | 980                                | 0.19                  |
| R3VX400                                                                                                | 40.8                                   | 1036                               | 0.20                  |
| R3VX415                                                                                                | 42.3                                   | 1074                               | 0.20                  |
| R3VX425                                                                                                | 43.3                                   | 1100                               | 0.21                  |
| R3VX440                                                                                                | 44.8                                   | 1138                               | 0.21                  |
| R3VX450                                                                                                | 45.8                                   | 1163                               | 0.22                  |
| R3VX465                                                                                                | 47.3                                   | 1201                               | 0.23                  |
| R3VX475                                                                                                | 48.3                                   | 1227                               | 0.24                  |
| R3VX485                                                                                                | 49.3                                   | 1252                               | 0.24                  |
| R3VX500                                                                                                | 50.8                                   | 1290                               | 0.25                  |
| R3VX530                                                                                                | 53.8                                   | 1367                               | 0.26                  |
| R3VX560                                                                                                | 56.8                                   | 1443                               | 0.28                  |
| R3VX600                                                                                                | 60.8                                   | 1544                               | 0.30                  |
| R3VX630                                                                                                | 63.8                                   | 1621                               | 0.32                  |
| R3VX670                                                                                                | 67.8                                   | 1722                               | 0.34                  |
| R3VX710                                                                                                | 71.8                                   | 1824                               | 0.36                  |
| R3VX750                                                                                                | 75.8                                   | 1925                               | 0.38                  |
| R3VX770                                                                                                | 77.8                                   | 1976                               | 0.39                  |
| R3VX800                                                                                                | 80.8                                   | 2052                               | 0.40                  |
| R3VX820                                                                                                | 82.8                                   | 2103                               | 0.41                  |
| R3VX830                                                                                                | 83.8                                   | 2129                               | 0.42                  |
| R3VX850                                                                                                | 85.8                                   | 2179                               | 0.43                  |
| R3VX900                                                                                                | 90.8                                   | 2306                               | 0.45                  |
| R3VX950                                                                                                | 95.8                                   | 2433                               | 0.48                  |
| R3VX1000                                                                                               | 100.8                                  | 2560                               | 0.51                  |
| R3VX1060                                                                                               | 106.8                                  | 2713                               | 0.54                  |
| R3VX1120                                                                                               | 112.8                                  | 2865                               | 0.57                  |
| R3VX1180                                                                                               | 118.8                                  | 3018                               | 0.60                  |

Part Number Example: **R5VX1000-3 =**

**R**      **5V**      **X**      **1000**      **- 3**  
 Banded    Cross    Cogged    Inside Circumference    Number  
 Construction    Section    Construction    (inches in tenths: 100.0)    of Ribs

| Part Number                                                                                            | Outside Circumference (inches) per rib | Outside Circumference (mm) per rib | Weight (lbs.) per rib |
|--------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-----------------------|
| <b>R3VX – Banded 3VX Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                        |                                    |                       |
| R3VX1250                                                                                               | 125.8                                  | 3195                               | 0.63                  |
| R3VX1320                                                                                               | 132.8                                  | 3373                               | 0.67                  |
| R3VX1400                                                                                               | 140.8                                  | 3576                               | 0.71                  |
| <b>R5VX – Banded 5VX Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                        |                                    |                       |
| R5VX500                                                                                                | 50.8                                   | 1290                               | 0.63                  |
| R5VX530                                                                                                | 53.8                                   | 1367                               | 0.66                  |
| R5VX560                                                                                                | 56.8                                   | 1443                               | 0.70                  |
| R5VX600                                                                                                | 60.8                                   | 1544                               | 0.76                  |
| R5VX630                                                                                                | 63.8                                   | 1621                               | 0.80                  |
| R5VX670                                                                                                | 67.8                                   | 1722                               | 0.85                  |
| R5VX710                                                                                                | 71.8                                   | 1824                               | 0.90                  |
| R5VX750                                                                                                | 75.8                                   | 1925                               | 0.95                  |
| R5VX800                                                                                                | 80.8                                   | 2052                               | 1.02                  |
| R5VX850                                                                                                | 85.8                                   | 2179                               | 1.08                  |
| R5VX900                                                                                                | 90.8                                   | 2306                               | 1.15                  |
| R5VX950                                                                                                | 95.8                                   | 2433                               | 1.22                  |
| R5VX1000                                                                                               | 100.8                                  | 2560                               | 1.28                  |
| R5VX1030                                                                                               | 104.1                                  | 2644                               | 1.30                  |
| R5VX1060                                                                                               | 106.8                                  | 2713                               | 1.36                  |
| R5VX1120                                                                                               | 112.8                                  | 2865                               | 1.44                  |
| R5VX1180                                                                                               | 118.8                                  | 3018                               | 1.52                  |
| R5VX1200                                                                                               | 121.1                                  | 3076                               | 1.58                  |
| R5VX1250                                                                                               | 125.8                                  | 3195                               | 1.61                  |
| R5VX1320                                                                                               | 132.8                                  | 3373                               | 1.70                  |
| R5VX1400                                                                                               | 140.8                                  | 3576                               | 1.80                  |
| R5VX1460                                                                                               | 147.1                                  | 3736                               | 1.90                  |
| R5VX1500                                                                                               | 150.8                                  | 3830                               | 1.94                  |
| R5VX1600                                                                                               | 160.8                                  | 4084                               | 2.07                  |
| R5VX1700                                                                                               | 170.8                                  | 4338                               | 2.20                  |
| R5VX1800                                                                                               | 180.8                                  | 4592                               | 2.33                  |
| R5VX1900                                                                                               | 190.8                                  | 4846                               | 2.46                  |
| R5VX2000                                                                                               | 200.8                                  | 5100                               | 2.59                  |

For complete part number, add a hyphen followed by the number of ribs required as indicated in example above.



# Metric Power-Wedge® Cog-Belt®

## V-Belt

### Metric Power-Wedge® Cog-Belt® Part Numbers

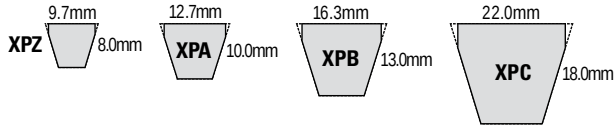
| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPZ Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                    |                                |                            |               |
| XPZ1000                                                                                    | SPZX1000           | 39.8                           | 1011                       | 0.2           |
| XPZ1010                                                                                    | SPZX1010           | 40.5                           | 1029                       | 0.2           |
| XPZ1030                                                                                    | SPZX1030           | 41.1                           | 1044                       | 0.2           |
| XPZ1037                                                                                    | SPZX1037           | 41.4                           | 1052                       | 0.1           |
| XPZ1060                                                                                    | SPZX1060           | 42.4                           | 1077                       | 0.2           |
| XPZ1080                                                                                    | SPZX1080           | 43                             | 1092                       | 0.2           |
| XPZ1090                                                                                    | SPZX1090           | 43.6                           | 1107                       | 0.2           |
| XPZ1120                                                                                    | SPZX1120           | 44.9                           | 1141                       | 0.2           |
| XPZ1140                                                                                    | SPZX1140           | 45.6                           | 1158                       | 0.2           |
| XPZ1150                                                                                    | SPZX1150           | 45.8                           | 1163                       | 0.2           |
| XPZ1180                                                                                    | SPZX1180           | 47.1                           | 1196                       | 0.2           |
| XPZ1200                                                                                    | SPZX1200           | 48                             | 1219                       | 0.2           |
| XPZ1220                                                                                    | SPZX1220           | 48.6                           | 1234                       | 0.2           |
| XPZ1250                                                                                    | SPZX1250           | 49.9                           | 1268                       | 0.2           |
| XPZ1270                                                                                    | SPZX1270           | 50.5                           | 1283                       | 0.2           |
| XPZ1280                                                                                    | SPZX1280           | 51.2                           | 1301                       | 0.2           |
| XPZ1312                                                                                    | SPZX1312           | 52.1                           | 1323                       | 0.2           |
| XPZ1320                                                                                    | SPZX1320           | 52.7                           | 1339                       | 0.2           |
| XPZ1340                                                                                    | SPZX1340           | 53.4                           | 1356                       | 0.2           |
| XPZ1360                                                                                    | SPZX1360           | 54.1                           | 1374                       | 0.2           |
| XPZ1400                                                                                    | SPZX1400           | 55.9                           | 1420                       | 0.2           |
| XPZ1420                                                                                    | SPZX1420           | 56.5                           | 1435                       | 0.3           |
| XPZ1450                                                                                    | SPZX1450           | 57.8                           | 1468                       | 0.3           |
| XPZ1470                                                                                    | SPZX1470           | 58.4                           | 1483                       | 0.3           |
| XPZ1500                                                                                    | SPZX1500           | 59.6                           | 1514                       | 0.3           |
| XPZ1520                                                                                    | SPZX1520           | 60.6                           | 1539                       | 0.2           |
| XPZ1537                                                                                    | SPZX1537           | 61.2                           | 1555                       | 0.2           |
| XPZ1560                                                                                    | SPZX1560           | 62.2                           | 1580                       | 0.3           |
| XPZ1587                                                                                    | SPZX1587           | 63.1                           | 1603                       | 0.2           |
| XPZ1600                                                                                    | SPZX1600           | 63.4                           | 1610                       | 0.3           |
| XPZ1612                                                                                    | SPZX1612           | 64                             | 1626                       | 0.2           |
| XPZ1650                                                                                    | SPZX1650           | 65.6                           | 1666                       | 0.3           |
| XPZ1662                                                                                    | SPZX1662           | 65.9                           | 1674                       | 0.2           |

**Note:** Timken Belts part numbers for Metric Power-Wedge Cog-Belts have been changed to reflect industry standards.

| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPZ Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                    |                                |                            |               |
| XPZ1700                                                                                    | SPZX1700           | 67.5                           | 1715                       | 0.3           |
| XPZ1750                                                                                    | SPZX1750           | 69.4                           | 1763                       | 0.3           |
| XPZ1800                                                                                    | SPZX1800           | 71.6                           | 1819                       | 0.3           |
| XPZ1850                                                                                    | SPZX1850           | 73.5                           | 1867                       | 0.2           |
| XPZ1862                                                                                    | SPZX1862           | 73.8                           | 1875                       | 0.2           |
| XPZ1900                                                                                    | SPZX1900           | 75.3                           | 1913                       | 0.3           |
| XPZ1950                                                                                    | SPZX1950           | 77.2                           | 1961                       | 0.3           |
| XPZ2000                                                                                    | SPZX2000           | 79.4                           | 2017                       | 0.2           |
| XPZ2030                                                                                    | SPZX2030           | 80.4                           | 2042                       | 0.4           |
| XPZ2120                                                                                    | SPZX2120           | 84.1                           | 2136                       | 0.3           |
| XPZ2160                                                                                    | SPZX2160           | 85.4                           | 2169                       | 0.4           |
| XPZ2240                                                                                    | SPZX2240           | 88.9                           | 2258                       | 0.3           |
| XPZ2280                                                                                    | SPZX2280           | 90.4                           | 2296                       | 0.4           |
| XPZ2360                                                                                    | SPZX2360           | 93.6                           | 2377                       | 0.3           |
| XPZ2410                                                                                    | SPZX2410           | 95.5                           | 2426                       | 0.4           |
| XPZ2500                                                                                    | SPZX2500           | 99.1                           | 2517                       | 0.3           |
| XPZ2540                                                                                    | SPZX2540           | 100.5                          | 2553                       | 0.4           |
| XPZ2650                                                                                    | SPZX2650           | 105                            | 2667                       | 0.3           |
| XPZ2670                                                                                    | SPZX2670           | 105.8                          | 2687                       | 0.3           |
| XPZ2690                                                                                    | SPZX2690           | 106.4                          | 2703                       | 0.5           |
| XPZ2800                                                                                    | SPZX2800           | 110.9                          | 2817                       | 0.3           |
| XPZ2840                                                                                    | SPZX2840           | 112.4                          | 2855                       | 0.5           |
| XPZ3000                                                                                    | SPZX3000           | 118.4                          | 3007                       | 0.5           |
| XPZ3150                                                                                    | SPZX3150           | 124.7                          | 3167                       | 0.4           |
| XPZ3170                                                                                    | SPZX3170           | 125.5                          | 3188                       | 0.4           |
| XPZ3350                                                                                    | SPZX3350           | 132.5                          | 3366                       | 0.4           |
| XPZ3550                                                                                    | SPZX3550           | 140.5                          | 3569                       | 0.4           |
| XPZ3810                                                                                    | SPZX3810           | 150.5                          | 3823                       | 0.5           |
| XPZ630                                                                                     | SPZX630            | 25.4                           | 645                        | 0.1           |
| XPZ670                                                                                     | SPZX670            | 27                             | 686                        | 0.1           |
| XPZ710                                                                                     | SPZX710            | 28.5                           | 724                        | 0.1           |
| XPZ750                                                                                     | SPZX750            | 30.1                           | 765                        | 0.1           |
| XPZ760                                                                                     | SPZX760            | 30.4                           | 772                        | 0.1           |

# Metric Power-Wedge® Cog-Belt®

## V-Belt



Part Number Example: **XPA2000** = **X** **PA** **2000**  
 Cogged Construction      Metric Cross Section      Pitch Length (millimeters)

| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPZ Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                    |                                |                            |               |
| XPZ787                                                                                     | SPZX787            | 31.7                           | 805                        | 0.1           |
| XPZ800                                                                                     | SPZX800            | 32                             | 813                        | 0.1           |
| XPZ850                                                                                     | SPZX850            | 33.8                           | 859                        | 0.1           |
| XPZ875                                                                                     | SPZX875            | 35.1                           | 892                        | 0.2           |
| XPZ900                                                                                     | SPZX900            | 36.1                           | 917                        | 0.2           |
| XPZ925                                                                                     | SPZX925            | 37                             | 940                        | 0.2           |
| XPZ940                                                                                     | SPZX940            | 37.6                           | 955                        | 0.2           |
| XPZ950                                                                                     | SPZX950            | 38                             | 965                        | 0.2           |
| <b>XPA Section – Recommended Sheaves:<br/>Metric V-Belt Sheaves</b>                        |                    |                                |                            |               |
| XPA1000                                                                                    | SPAX1000           | 40.2                           | 1021                       | 0.3           |
| XPA1030                                                                                    | SPAX1030           | 41.1                           | 1044                       | 0.3           |
| XPA1060                                                                                    | SPAX1060           | 42.4                           | 1077                       | 0.3           |
| XPA1090                                                                                    | SPAX1090           | 43.6                           | 1107                       | 0.3           |
| XPA1120                                                                                    | SPAX1120           | 44.9                           | 1141                       | 0.3           |
| XPA1150                                                                                    | SPAX1150           | 45.8                           | 1163                       | 0.3           |
| XPA1157                                                                                    | SPAX1157           | 46.1                           | 1171                       | 0.3           |
| XPA1180                                                                                    | SPAX1180           | 47.1                           | 1196                       | 0.3           |
| XPA1220                                                                                    | SPAX1220           | 48.6                           | 1234                       | 0.4           |
| XPA1232                                                                                    | SPAX1232           | 49.2                           | 1250                       | 0.3           |
| XPA1250                                                                                    | SPAX1250           | 49.9                           | 1268                       | 0.4           |
| XPA1280                                                                                    | SPAX1280           | 51.2                           | 1301                       | 0.4           |
| XPA1307                                                                                    | SPAX1307           | 52.1                           | 1323                       | 0.3           |
| XPA1320                                                                                    | SPAX1320           | 52.7                           | 1339                       | 0.4           |
| XPA1357                                                                                    | SPAX1357           | 54.1                           | 1374                       | 0.3           |
| XPA1360                                                                                    | SPAX1360           | 54.3                           | 1379                       | 0.4           |
| XPA1400                                                                                    | SPAX1400           | 55.9                           | 1420                       | 0.4           |
| XPA1450                                                                                    | SPAX1450           | 57.8                           | 1468                       | 0.4           |
| XPA1457                                                                                    | SPAX1457           | 58.1                           | 1476                       | 0.3           |
| XPA1500                                                                                    | SPAX1500           | 59.6                           | 1514                       | 0.4           |
| XPA1532                                                                                    | SPAX1532           | 60.9                           | 1547                       | 0.4           |
| XPA1550                                                                                    | SPAX1550           | 61.8                           | 1570                       | 0.4           |
| XPA1557                                                                                    | SPAX1557           | 61.8                           | 1570                       | 0.4           |

| Part Number                                                         | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPA Section – Recommended Sheaves:<br/>Metric V-Belt Sheaves</b> |                    |                                |                            |               |
| XPA1600                                                             | SPAX1600           | 63.7                           | 1618                       | 0.5           |
| XPA1650                                                             | SPAX1650           | 65.6                           | 1666                       | 0.5           |
| XPA1700                                                             | SPAX1700           | 67.5                           | 1715                       | 0.5           |
| XPA1750                                                             | SPAX1750           | 69.7                           | 1770                       | 0.5           |
| XPA1757                                                             | SPAX1757           | 70                             | 1778                       | 0.3           |
| XPA1782                                                             | SPAX1782           | 70.9                           | 1801                       | 0.3           |
| XPA1800                                                             | SPAX1800           | 71.6                           | 1819                       | 0.4           |
| XPA1832                                                             | SPAX1832           | 72.8                           | 1849                       | 0.4           |
| XPA1850                                                             | SPAX1850           | 73.5                           | 1867                       | 0.4           |
| XPA1900                                                             | SPAX1900           | 75.3                           | 1913                       | 0.4           |
| XPA1932                                                             | SPAX1932           | 76.6                           | 1946                       | 0.4           |
| XPA1950                                                             | SPAX1950           | 77.5                           | 1969                       | 0.4           |
| XPA1957                                                             | SPAX1957           | 77.9                           | 1979                       | 0.4           |
| XPA1982                                                             | SPAX1982           | 78.8                           | 2002                       | 0.4           |
| XPA2000                                                             | SPAX2000           | 79.4                           | 2017                       | 0.4           |
| XPA2032                                                             | SPAX2032           | 80.7                           | 2050                       | 0.4           |
| XPA2057                                                             | SPAX2057           | 81.6                           | 2073                       | 0.4           |
| XPA2060                                                             | SPAX2060           | 81.8                           | 2078                       | 0.4           |
| XPA2082                                                             | SPAX2082           | 82.6                           | 2098                       | 0.5           |
| XPA2120                                                             | SPAX2120           | 84.1                           | 2136                       | 0.4           |
| XPA2160                                                             | SPAX2160           | 85.7                           | 2177                       | 0.4           |
| XPA2180                                                             | SPAX2180           | 86.5                           | 2197                       | 0.4           |
| XPA2182                                                             | SPAX2182           | 86.7                           | 2202                       | 0.4           |
| XPA2240                                                             | SPAX2240           | 88.9                           | 2258                       | 0.4           |
| XPA2282                                                             | SPAX2282           | 90.6                           | 2301                       | 0.4           |
| XPA2300                                                             | SPAX2300           | 91.4                           | 2322                       | 0.4           |
| XPA2307                                                             | SPAX2307           | 91.4                           | 2322                       | 0.6           |
| XPA2360                                                             | SPAX2360           | 93.6                           | 2377                       | 0.5           |
| XPA2430                                                             | SPAX2430           | 96.4                           | 2449                       | 0.6           |
| XPA2432                                                             | SPAX2432           | 96.4                           | 2449                       | 0.5           |
| XPA2482                                                             | SPAX2482           | 98.3                           | 2497                       | 0.5           |
| XPA2500                                                             | SPAX2500           | 99.2                           | 2520                       | 0.5           |
| XPA2532                                                             | SPAX2532           | 100.5                          | 2553                       | 0.5           |

# Metric Power-Wedge® Cog-Belt®

## V-Belt

### Metric Power-Wedge® Cog-Belt® Part Numbers

| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPA Section – Recommended Sheaves:<br/>Metric V-Belt Sheaves</b>                        |                    |                                |                            |               |
| XPA2582                                                                                    | SPAX2582           | 102.4                          | 2601                       | 0.5           |
| XPA2607                                                                                    | SPAX2607           | 103.3                          | 2624                       | 0.5           |
| XPA2632                                                                                    | SPAX2632           | 104.3                          | 2649                       | 0.5           |
| XPA2650                                                                                    | SPAX2650           | 105                            | 2667                       | 0.5           |
| XPA2682                                                                                    | SPAX2682           | 106.1                          | 2695                       | 0.5           |
| XPA2732                                                                                    | SPAX2732           | 108.3                          | 2751                       | 0.5           |
| XPA2782                                                                                    | SPAX2782           | 110.2                          | 2799                       | 0.5           |
| XPA2800                                                                                    | SPAX2800           | 110.9                          | 2817                       | 0.5           |
| XPA3000                                                                                    | SPAX3000           | 118.7                          | 3015                       | 0.6           |
| XPA3150                                                                                    | SPAX3150           | 124.7                          | 3167                       | 0.6           |
| XPA3185                                                                                    | SPAX3185           | 126.1                          | 3203                       | 0.6           |
| XPA3350                                                                                    | SPAX3350           | 132.6                          | 3368                       | 0.7           |
| XPA3550                                                                                    | SPAX3550           | 140.5                          | 3569                       | 0.7           |
| XPA3750                                                                                    | SPAX3750           | 148.3                          | 3767                       | 0.7           |
| XPA4000                                                                                    | SPAX4000           | 158.2                          | 4018                       | 0.8           |
| XPA4250                                                                                    | SPAX4250           | 168                            | 4267                       | 0.8           |
| XPA4500                                                                                    | SPAX4500           | 177.9                          | 4519                       | 0.9           |
| XPA800                                                                                     | SPAX800            | 32.3                           | 820                        | 0.2           |
| XPA850                                                                                     | SPAX850            | 34.2                           | 869                        | 0.2           |
| XPA900                                                                                     | SPAX900            | 36.1                           | 917                        | 0.3           |
| XPA925                                                                                     | SPAX925            | 37                             | 940                        | 0.3           |
| XPA950                                                                                     | SPAX950            | 38                             | 965                        | 0.3           |
| XPA975                                                                                     | SPAX975            | 39.2                           | 996                        | 0.3           |
| <b>XPB Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                    |                                |                            |               |
| XPB1150                                                                                    | SPBX1150           | 46.1                           | 1171                       | 0.5           |
| XPB1200                                                                                    | SPBX1200           | 48.2                           | 1224                       | 0.4           |
| XPB1230                                                                                    | SPBX1230           | 49.5                           | 1257                       | 0.4           |
| XPB1250                                                                                    | SPBX1250           | 50.2                           | 1275                       | 0.5           |
| XPB1260                                                                                    | SPBX1260           | 50.5                           | 1283                       | 0.4           |
| XPB1320                                                                                    | SPBX1320           | 53                             | 1346                       | 0.6           |
| XPB1340                                                                                    | SPBX1340           | 53.6                           | 1361                       | 0.6           |
| XPB1360                                                                                    | SPBX1360           | 54.4                           | 1382                       | 0.6           |

| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPB Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                    |                                |                            |               |
| XPB1370                                                                                    | SPBX1370           | 54.9                           | 1395                       | 0.6           |
| XPB1400                                                                                    | SPBX1400           | 55.5                           | 1410                       | 0.6           |
| XPB1410                                                                                    | SPBX1410           | 56.5                           | 1435                       | 0.5           |
| XPB1430                                                                                    | SPBX1430           | 57.4                           | 1458                       | 0.5           |
| XPB1450                                                                                    | SPBX1450           | 58.1                           | 1476                       | 0.5           |
| XPB1500                                                                                    | SPBX1500           | 59.9                           | 1522                       | 0.7           |
| XPB1510                                                                                    | SPBX1510           | 60.6                           | 1539                       | 0.7           |
| XPB1525                                                                                    | SPBX1525           | 60.9                           | 1547                       | 0.5           |
| XPB1550                                                                                    | SPBX1550           | 61.8                           | 1570                       | 0.5           |
| XPB1590                                                                                    | SPBX1590           | 63.4                           | 1610                       | 0.5           |
| XPB1600                                                                                    | SPBX1600           | 64                             | 1626                       | 0.7           |
| XPB1650                                                                                    | SPBX1650           | 65.9                           | 1674                       | 0.7           |
| XPB1700                                                                                    | SPBX1700           | 67.8                           | 1722                       | 0.8           |
| XPB1750                                                                                    | SPBX1750           | 69.4                           | 1763                       | 0.8           |
| XPB1800                                                                                    | SPBX1800           | 71.6                           | 1819                       | 0.8           |
| XPB1850                                                                                    | SPBX1850           | 73.8                           | 1875                       | 0.6           |
| XPB1900                                                                                    | SPBX1900           | 75.6                           | 1920                       | 0.8           |
| XPB1970                                                                                    | SPBX1970           | 78.5                           | 1994                       | 0.9           |
| XPB2000                                                                                    | SPBX2000           | 79.4                           | 2017                       | 0.9           |
| XPB2020                                                                                    | SPBX2020           | 80.4                           | 2042                       | 0.9           |
| XPB2040                                                                                    | SPBX2040           | 81.3                           | 2065                       | 0.7           |
| XPB2060                                                                                    | SPBX2060           | 81.9                           | 2080                       | 0.7           |
| XPB2120                                                                                    | SPBX2120           | 84.4                           | 2144                       | 0.9           |
| XPB2150                                                                                    | SPBX2150           | 85.4                           | 2169                       | 1.0           |
| XPB2180                                                                                    | SPBX2180           | 86.6                           | 2200                       | 0.7           |
| XPB2240                                                                                    | SPBX2240           | 89.2                           | 2266                       | 0.7           |
| XPB2280                                                                                    | SPBX2280           | 90.4                           | 2296                       | 1.0           |
| XPB2360                                                                                    | SPBX2360           | 93.9                           | 2385                       | 0.7           |
| XPB2410                                                                                    | SPBX2410           | 95.4                           | 2423                       | 1.1           |
| XPB2440                                                                                    | SPBX2440           | 97.1                           | 2466                       | 0.8           |
| XPB2500                                                                                    | SPBX2500           | 99.5                           | 2527                       | 1.1           |
| XPB2530                                                                                    | SPBX2530           | 100.5                          | 2553                       | 1.1           |
| XPB2600                                                                                    | SPBX2600           | 103.3                          | 2624                       | 1.2           |

# Metric Power-Wedge® Cog-Belt®

## V-Belt

Part Number Example: **XPC2000** = **X** **PC** **2000**  
 Cogged Construction Metric Cross Section Pitch Length (millimeters)

| Part Number                                                                                | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPB Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                    |                                |                            |               |
| XPB2610                                                                                    | SPBX2610           | 103.6                          | 2631                       | 0.8           |
| XPB2650                                                                                    | SPBX2650           | 105.3                          | 2675                       | 0.8           |
| XPB2680                                                                                    | SPBX2680           | 106.4                          | 2703                       | 0.9           |
| XPB2730                                                                                    | SPBX2730           | 108.6                          | 2758                       | 1.3           |
| XPB2740                                                                                    | SPBX2740           | 108.9                          | 2766                       | 0.9           |
| XPB2800                                                                                    | SPBX2800           | 111.2                          | 2825                       | 0.9           |
| XPB2840                                                                                    | SPBX2840           | 112.4                          | 2855                       | 1.3           |
| XPB2900                                                                                    | SPBX2900           | 115.2                          | 2926                       | 0.9           |
| XPB2910                                                                                    | SPBX2910           | 115.5                          | 2934                       | 1.3           |
| XPB2920                                                                                    | SPBX2920           | 116                            | 2946                       | 0.9           |
| XPB2990                                                                                    | SPBX2990           | 118.7                          | 3015                       | 1.4           |
| XPB3000                                                                                    | SPBX3000           | 119                            | 3023                       | 1.0           |
| XPB3150                                                                                    | SPBX3150           | 125                            | 3175                       | 1.0           |
| XPB3170                                                                                    | SPBX3170           | 125.5                          | 3188                       | 1.0           |
| XPB3250                                                                                    | SPBX3250           | 128.9                          | 3274                       | 1.0           |
| XPB3350                                                                                    | SPBX3350           | 132.5                          | 3366                       | 1.1           |
| XPB3550                                                                                    | SPBX3550           | 140.5                          | 3569                       | 1.1           |
| XPB3650                                                                                    | SPBX3650           | 144.7                          | 3675                       | 1.6           |
| XPB3750                                                                                    | SPBX3750           | 148.6                          | 3774                       | 1.2           |
| XPB3800                                                                                    | SPBX3800           | 150.5                          | 3823                       | 1.2           |
| XPB3870                                                                                    | SPBX3870           | 153.4                          | 3896                       | 1.2           |
| XPB4000                                                                                    | SPBX4000           | 158.5                          | 4026                       | 1.3           |
| XPB4060                                                                                    | SPBX4060           | 160.5                          | 4077                       | 1.3           |
| XPB4250                                                                                    | SPBX4250           | 168.3                          | 4275                       | 1.3           |
| XPB4310                                                                                    | SPBX4310           | 170.5                          | 4331                       | 1.4           |
| XPB4500                                                                                    | SPBX4500           | 178.2                          | 4526                       | 1.4           |
| XPB4560                                                                                    | SPBX4560           | 180.5                          | 4585                       | 1.4           |
| XPB4750                                                                                    | SPBX4750           | 188                            | 4775                       | 1.5           |
| XPB4820                                                                                    | SPBX4820           | 190.5                          | 4839                       | 1.5           |
| XPB5000                                                                                    | SPBX5000           | 197.8                          | 5024                       | 1.6           |
| XPB5070                                                                                    | SPBX5070           | 200.5                          | 5093                       | 1.6           |

| Part Number                                                         | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>XPC Section – Recommended Sheaves:<br/>Metric V-Belt Sheaves</b> |                    |                                |                            |               |
| XPC2000                                                             | SPCX2000           | 80.4                           | 2042                       | 1.4           |
| XPC2120                                                             | SPCX2120           | 85.1                           | 2162                       | 1.5           |
| XPC2240                                                             | SPCX2240           | 89.8                           | 2281                       | 1.6           |
| XPC2360                                                             | SPCX2360           | 94.6                           | 2403                       | 1.7           |
| XPC2500                                                             | SPCX2500           | 100.1                          | 2543                       | 1.8           |
| XPC2650                                                             | SPCX2650           | 106                            | 2692                       | 1.9           |
| XPC2800                                                             | SPCX2800           | 111.9                          | 2842                       | 2.0           |
| XPC3000                                                             | SPCX3000           | 119.8                          | 3043                       | 2.1           |
| XPC3150                                                             | SPCX3150           | 125.7                          | 3193                       | 2.2           |
| XPC3350                                                             | SPCX3350           | 133.5                          | 3391                       | 2.4           |
| XPC3550                                                             | SPCX3550           | 141.4                          | 3592                       | 2.5           |
| XPC3750                                                             | SPCX3750           | 149.3                          | 3792                       | 2.6           |
| XPC4000                                                             | SPCX4000           | 159.1                          | 4041                       | 2.8           |
| XPC4250                                                             | SPCX4250           | 169                            | 4293                       | 3.0           |
| XPC4500                                                             | SPCX4500           | 178.8                          | 4542                       | 3.2           |
| XPC4650                                                             | SPCX4650           | 184.7                          | 4691                       | 3.3           |
| XPC4750                                                             | SPCX4750           | 188.6                          | 4790                       | 3.3           |
| XPC5000                                                             | SPCX5000           | 198.5                          | 5042                       | 3.5           |

# Super Power-Wedge®

## V-Belt



# Super Power-Wedge®

## V-Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Tension Section**  
Synthetic rubber specially formulated to stretch as the belt bends around the sheaves.

**3 Compression Section**  
Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.

**4 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Sheaves:**  
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

Smooth transfer of power

Design flexibility

Long belt life

Wear resistant

**checkmate®**

Applications:

Pumps

Mixers

& More

Synchronous Belts

V-Belts

Specialty Belts

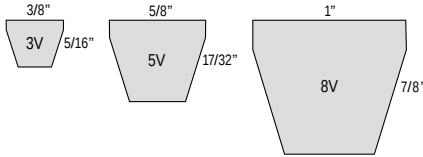
Tools

General Information



# Super Power-Wedge®

## V-Belt



**Super Power-Wedge® v-belts enable the design of a more compact belt drive with controlled power transfer. The cover provides superior wear resistance and is ideal for heavy duty industrial drives with shock loads.**

The narrow wrapped molded v-belt is perfect for use in applications where cog-belts are too aggressive. It also allows more compact design on multiple belt drives. The stress-relieved fabric-wrapped cover provides outstanding resistance to oil, heat, grease and ozone. Oversized high-modulus cord carries the horsepower load with minimum stretch while adding belt strength and stability during peak shock loads.

- Made of specially formulated rubber compounds
- Heavy duty cover protects against harsh environmental conditions
- Provides excellent static dissipation
- Proven wedge cross section assures stability when heavy shock loads are encountered
- Delivers an ideal balance between controlled power transfer and slippage
- Reduces cost and space on multiple belt drives
- Ideal for clutching applications
- Long belt life
- Built to Chek Mate belt tolerances for a matched set





# Super Power-Wedge® V-Belt

## Super Power-Wedge® Part Numbers

Part Number Example: **3V1000** = **3V** **1000**  
Cross Section      Effective Length  
 (inches in tenths: 100.0")

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                |                            |               |
| 3V250                                                                                     | 25.3                           | 643                        | 0.1           |
| 3V265                                                                                     | 26.8                           | 680                        | 0.1           |
| 3V300                                                                                     | 30.3                           | 770                        | 0.1           |
| 3V335                                                                                     | 33.8                           | 858                        | 0.1           |
| 3V355                                                                                     | 35.8                           | 909                        | 0.1           |
| 3V375                                                                                     | 37.8                           | 960                        | 0.1           |
| 3V400                                                                                     | 40.3                           | 1023                       | 0.2           |
| 3V450                                                                                     | 45.3                           | 1150                       | 0.2           |
| 3V475                                                                                     | 47.8                           | 1213                       | 0.2           |
| 3V500                                                                                     | 50.3                           | 1276                       | 0.2           |
| 3V530                                                                                     | 53.2                           | 1352                       | 0.2           |
| 3V560                                                                                     | 56.2                           | 1428                       | 0.2           |
| 3V600                                                                                     | 60.2                           | 1529                       | 0.2           |
| 3V630                                                                                     | 63.2                           | 1606                       | 0.2           |
| 3V670                                                                                     | 67.2                           | 1707                       | 0.2           |
| 3V710                                                                                     | 71.2                           | 1808                       | 0.3           |
| 3V750                                                                                     | 75.2                           | 1909                       | 0.3           |
| 3V800                                                                                     | 80.2                           | 2036                       | 0.3           |
| 3V830                                                                                     | 83.0                           | 2108                       | 0.3           |
| 3V850                                                                                     | 85.2                           | 2163                       | 0.3           |
| 3V900                                                                                     | 90.2                           | 2290                       | 0.3           |
| 3V950                                                                                     | 95.1                           | 2414                       | 0.4           |
| 3V1000                                                                                    | 100.1                          | 2543                       | 0.4           |
| 3V1060                                                                                    | 106.1                          | 2695                       | 0.4           |
| 3V1120                                                                                    | 112.0                          | 2845                       | 0.4           |
| 3V1180                                                                                    | 118.0                          | 2997                       | 0.4           |
| 3V1250                                                                                    | 125.0                          | 3176                       | 0.5           |
| 3V1320                                                                                    | 132.4                          | 3362                       | 0.5           |
| 3V1400                                                                                    | 140.4                          | 3566                       | 0.5           |



# Super Power-Wedge®

## V-Belt

### Super Power-Wedge® Part Numbers

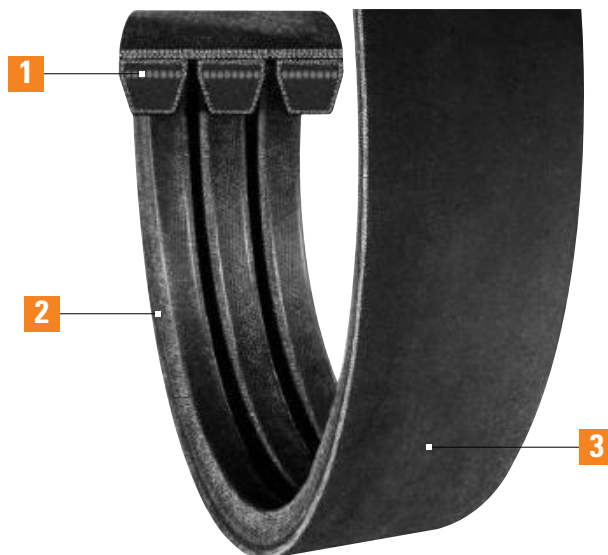
Part Number Example: **5V1000** = **5V** **1000**  
Cross Section      Effective Length  
 (inches in tenths: 100.0")

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5V500                                                                                     | 50.5                           | 1283                       | 0.6           |
| 5V530                                                                                     | 53.6                           | 1361                       | 0.6           |
| 5V560                                                                                     | 56.6                           | 1438                       | 0.7           |
| 5V600                                                                                     | 60.6                           | 1539                       | 0.7           |
| 5V630                                                                                     | 63.5                           | 1613                       | 0.7           |
| 5V670                                                                                     | 67.5                           | 1715                       | 0.8           |
| 5V710                                                                                     | 71.6                           | 1819                       | 0.8           |
| 5V750                                                                                     | 75.5                           | 1918                       | 0.9           |
| 5V800                                                                                     | 80.5                           | 2045                       | 0.9           |
| 5V850                                                                                     | 85.5                           | 2172                       | 1.0           |
| 5V900                                                                                     | 90.5                           | 2299                       | 1.1           |
| 5V950                                                                                     | 95.5                           | 2426                       | 1.1           |
| 5V1000                                                                                    | 100.4                          | 2550                       | 1.2           |
| 5V1060                                                                                    | 106.6                          | 2708                       | 1.3           |
| 5V1120                                                                                    | 112.5                          | 2858                       | 1.3           |
| 5V1180                                                                                    | 118.3                          | 3005                       | 1.4           |
| 5V1250                                                                                    | 125.7                          | 3193                       | 1.5           |
| 5V1320                                                                                    | 132.5                          | 3366                       | 1.6           |
| 5V1400                                                                                    | 140.4                          | 3566                       | 1.7           |
| 5V1500                                                                                    | 150.5                          | 3823                       | 1.7           |
| 5V1600                                                                                    | 160.5                          | 4077                       | 1.8           |
| 5V1700                                                                                    | 170.5                          | 4331                       | 2.0           |
| 5V1800                                                                                    | 180.5                          | 4585                       | 2.1           |
| 5V1900                                                                                    | 190.5                          | 4839                       | 2.2           |
| 5V2000                                                                                    | 200.5                          | 5093                       | 2.3           |
| 5V2090                                                                                    | 209.5                          | 5321                       | 2.3           |
| 5V2120                                                                                    | 212.5                          | 5398                       | 2.4           |
| 5V2200                                                                                    | 221                            | 5613                       | 2.5           |
| 5V2210                                                                                    | 221.5                          | 5626                       | 2.5           |
| 5V2240                                                                                    | 224.5                          | 5702                       | 2.6           |
| 5V2360                                                                                    | 236.5                          | 6007                       | 2.7           |
| 5V2365                                                                                    | 237                            | 6020                       | 2.7           |
| 5V2485                                                                                    | 249                            | 6325                       | 2.8           |
| 5V2500                                                                                    | 250.5                          | 6363                       | 2.9           |
| 5V2640                                                                                    | 264.5                          | 6718                       | 3.0           |
| 5V2650                                                                                    | 265.5                          | 6744                       | 3.0           |
| 5V2800                                                                                    | 280.5                          | 7125                       | 3.2           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5V3000                                                                                    | 300.5                          | 7633                       | 3.5           |
| 5V3150                                                                                    | 315.5                          | 8014                       | 3.6           |
| 5V3350                                                                                    | 335.5                          | 8522                       | 3.9           |
| 5V3550                                                                                    | 355.5                          | 9030                       | 4.1           |
| <b>8V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (8V)</b> |                                |                            |               |
| 8V1000                                                                                    | 100.5                          | 2553                       | 3.1           |
| 8V1060                                                                                    | 106.5                          | 2705                       | 3.3           |
| 8V1120                                                                                    | 112.5                          | 2858                       | 3.4           |
| 8V1180                                                                                    | 118.5                          | 3010                       | 3.6           |
| 8V1200                                                                                    | 120.0                          | 3048                       | 3.6           |
| 8V1250                                                                                    | 125.5                          | 3188                       | 3.8           |
| 8V1320                                                                                    | 132.5                          | 3366                       | 4.1           |
| 8V1400                                                                                    | 140.5                          | 3569                       | 4.3           |
| 8V1500                                                                                    | 150.5                          | 3823                       | 4.6           |
| 8V1600                                                                                    | 160.5                          | 4077                       | 4.9           |
| 8V1700                                                                                    | 170.5                          | 4331                       | 5.2           |
| 8V1800                                                                                    | 180.5                          | 4585                       | 5.5           |
| 8V1900                                                                                    | 190.5                          | 4839                       | 5.8           |
| 8V2000                                                                                    | 200.5                          | 5093                       | 6.1           |
| 8V2120                                                                                    | 212.5                          | 5398                       | 6.5           |
| 8V2240                                                                                    | 224.5                          | 5702                       | 6.9           |
| 8V2360                                                                                    | 236.5                          | 6007                       | 7.2           |
| 8V2500                                                                                    | 250.5                          | 6363                       | 7.7           |
| 8V2650                                                                                    | 265.5                          | 6744                       | 8.1           |
| 8V2800                                                                                    | 280.5                          | 7125                       | 8.6           |
| 8V2900                                                                                    | 290.0                          | 7366                       | 8.8           |
| 8V3000                                                                                    | 300.5                          | 7633                       | 9.2           |
| 8V3150                                                                                    | 315.5                          | 8014                       | 9.7           |
| 8V3350                                                                                    | 335.5                          | 8522                       | 10.3          |
| 8V3550                                                                                    | 355.5                          | 9030                       | 10.9          |
| 8V3750                                                                                    | 375.5                          | 9538                       | 11.9          |
| 8V4000                                                                                    | 400.5                          | 10173                      | 12.8          |
| 8V4250                                                                                    | 425.5                          | 10808                      | 13.6          |
| 8V4500                                                                                    | 450.5                          | 11443                      | 14.4          |
| 8V4750                                                                                    | 475.5                          | 12078                      | 15.2          |
| 8V5000                                                                                    | 500.5                          | 12713                      | 16.0          |

# Super Power-Wedge® Band

## Banded Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**3 Reinforced Tie-Band**  
Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

**Recommended Pulleys:**  
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

Banded version of Super Power-Wedge V-Belt

Wrapped construction

Minimizes whip and turnover on narrow drives

Smooth transfer of power

Space and weight saver

Design flexibility

Long belt life

Wear resistant

**Applications:**

Pumping units  
Rock crushers  
Stump grinders  
& More

Synchronous Belts

V-Belts

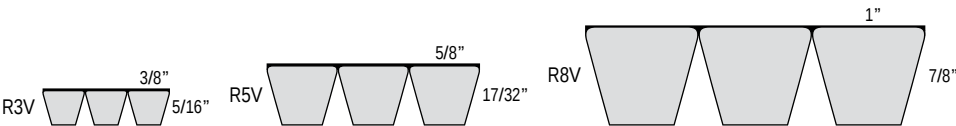
Specialty Belts

Tools

General Information

# Super Power-Wedge® Band

## Banded Belt



Super Power-Wedge Band (formerly Wedge-Band®) is the banded version of the hard-working Super Power-Wedge v-belt. The specially compounded wrapped construction is ideal for clutching operations. Super Power-Wedge Band is oil and heat resistant, static dissipating, and reduces the ability for a belt to turn over or jump off the drive.

Two or more Super Power-Wedge belts are permanently joined together at the top with a reinforced tie-band. Banded belts are ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.

Super Power-Wedge Band belts combine the long life and superior performance of the Super Power-Wedge v-belt with the stability of a banded belt. The narrow wedge design saves space and reduces weight.

Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.



### Features/Advantages

- Minimizes belt whip and rollover on long center distance drives
- Smooth clutching
- Space and weight saver
- Oversized polyester cord provides added belt strength and stability
- Cord is chemically treated for resistance to belt stretch
- Tie-band is highly engineered to permanently bond multiple belts together enabling the belts to function as a single unit with even load distribution and wear
- Vibration is dampened
- Heavy shock loads are absorbed

For complete part number, add a hyphen followed by the number of ribs required. For example: R5V670-3

### Super Power-Wedge Band Matching Limits

Matching limits for Super Power-Wedge Bands are shown in the table below. If the match limit is 1, the bands must all have the same matching code or “sag” number. If the match limit is 2, a matched set may consist of any 2 adjacent matching codes or “sag” numbers, etc.

| Product Type and Length Code   | Match Limit |
|--------------------------------|-------------|
| <b>Super Power-Wedge® Band</b> |             |
| R3V335 – R3V630                | 1           |
| R3V670 – R3V1400               | 2           |
| R5V500 – R5V630                | 1           |
| R5V670 – R5V1500               | 2           |
| R5VX1600 R5V1600 and up        | 3           |
| R8V1000 - R8V1500              | 2           |
| R8V1600 and up                 | 3           |

# Super Power-Wedge® Band

## Banded Belt

### Super Power-Wedge® Band Part Numbers

| Part Number                                                                                          | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>R3V – Banded 3V Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                |                            |                       |
| R3V335                                                                                               | 34.6                           | 879                        | 0.4                   |
| R3V355                                                                                               | 36.6                           | 930                        | 0.4                   |
| R3V375                                                                                               | 38.6                           | 980                        | 0.4                   |
| R3V400                                                                                               | 41.1                           | 1044                       | 0.5                   |
| R3V425                                                                                               | 43.6                           | 1107                       | 0.5                   |
| R3V450                                                                                               | 46.1                           | 1171                       | 0.5                   |
| R3V475                                                                                               | 48.6                           | 1234                       | 0.6                   |
| R3V500                                                                                               | 51.1                           | 1298                       | 0.6                   |
| R3V530                                                                                               | 54.1                           | 1374                       | 0.6                   |
| R3V560                                                                                               | 57.1                           | 1450                       | 0.7                   |
| R3V580                                                                                               | 59.1                           | 1501                       | 0.7                   |
| R3V600                                                                                               | 61.1                           | 1552                       | 0.7                   |
| R3V630                                                                                               | 64.1                           | 1628                       | 0.7                   |
| R3V670                                                                                               | 68.1                           | 1730                       | 0.8                   |
| R3V700                                                                                               | 71.1                           | 1806                       | 1.2                   |
| R3V710                                                                                               | 72.1                           | 1831                       | 0.8                   |
| R3V740                                                                                               | 75.1                           | 1908                       | 1.3                   |
| R3V750                                                                                               | 76.1                           | 1933                       | 0.9                   |
| R3V800                                                                                               | 81.1                           | 2060                       | 0.9                   |
| R3V850                                                                                               | 86.1                           | 2187                       | 1.0                   |
| R3V900                                                                                               | 91.1                           | 2314                       | 1.1                   |
| R3V950                                                                                               | 96.1                           | 2441                       | 1.1                   |
| R3V1000                                                                                              | 101.1                          | 2568                       | 1.1                   |
| R3V1060                                                                                              | 107.1                          | 2720                       | 1.2                   |
| R3V1120                                                                                              | 113.1                          | 2873                       | 1.3                   |
| R3V1180                                                                                              | 119.1                          | 3025                       | 1.3                   |
| R3V1250                                                                                              | 126.1                          | 3203                       | 1.4                   |
| R3V1320                                                                                              | 133.1                          | 3381                       | 1.5                   |
| R3V1400                                                                                              | 141.1                          | 3584                       | 1.6                   |

Part Number Example:

**R5V670-3** = **R** **5V** **670** - **3**  
 Banded Construction Cross Section Effective Length (inches in tenths: 67.0) Number of Ribs

| Part Number                                                                                          | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>R5V – Banded 5V Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |                       |
| R5V560                                                                                               | 57.1                           | 1450                       | 1.5                   |
| R5V600                                                                                               | 61.1                           | 1552                       | 1.6                   |
| R5V630                                                                                               | 64.1                           | 1628                       | 1.7                   |
| R5V670                                                                                               | 68.1                           | 1730                       | 1.8                   |
| R5V670                                                                                               | 68.1                           | 1730                       | 9.2                   |
| R5V710                                                                                               | 72.1                           | 1831                       | 1.9                   |
| R5V750                                                                                               | 76.1                           | 1933                       | 2.1                   |
| R5V800                                                                                               | 81.1                           | 2060                       | 2.2                   |
| R5V850                                                                                               | 86.1                           | 2187                       | 2.3                   |
| R5V900                                                                                               | 91.1                           | 2314                       | 2.5                   |
| R5V950                                                                                               | 96.1                           | 2441                       | 2.6                   |
| R5V1000                                                                                              | 101.1                          | 2568                       | 2.8                   |
| R5V1060                                                                                              | 107.1                          | 2720                       | 2.9                   |
| R5V1120                                                                                              | 113.1                          | 2873                       | 3.1                   |
| R5V1180                                                                                              | 119.1                          | 3025                       | 3.3                   |
| R5V1220                                                                                              | 123.1                          | 3127                       | 10.4                  |
| R5V1250                                                                                              | 126.1                          | 3203                       | 3.5                   |
| R5V1320                                                                                              | 133.1                          | 3381                       | 3.6                   |
| R5V1400                                                                                              | 141.1                          | 3584                       | 3.9                   |
| R5V1500                                                                                              | 151.1                          | 3838                       | 4.1                   |
| R5V1600                                                                                              | 161.1                          | 4092                       | 4.4                   |
| R5V1700                                                                                              | 171.1                          | 4346                       | 4.7                   |
| R5V1800                                                                                              | 181.1                          | 4600                       | 5.0                   |
| R5V1900                                                                                              | 191.1                          | 4854                       | 5.3                   |
| R5V2000                                                                                              | 201.1                          | 5108                       | 5.5                   |
| R5V2120                                                                                              | 213.1                          | 5413                       | 5.9                   |
| R5V2240                                                                                              | 225.1                          | 5718                       | 6.2                   |
| R5V2360                                                                                              | 237.1                          | 6022                       | 6.5                   |
| R5V2480                                                                                              | 249.1                          | 6327                       | 17.9                  |
| R5V2500                                                                                              | 251.1                          | 6378                       | 6.9                   |
| R5V2650                                                                                              | 266.1                          | 6759                       | 7.3                   |
| R5V2800                                                                                              | 281.1                          | 7140                       | 7.7                   |
| R5V2990                                                                                              | 300.3                          | 7628                       | 21.6                  |
| R5V3000                                                                                              | 301.1                          | 7648                       | 8.3                   |
| R5V3150                                                                                              | 316.1                          | 8029                       | 8.7                   |
| R5V3350                                                                                              | 336.1                          | 8537                       | 9.3                   |
| R5V3550                                                                                              | 356.1                          | 9045                       | 9.8                   |

# Super Power-Wedge® Band

## Banded Belt

### Super Power-Wedge® Band Part Numbers

| Part Number                                                                                          | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>R8V – Banded 8V Section Recommended Pulleys:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (8V)</b> |                                |                            |                       |
| R8V1000                                                                                              | 101.1                          | 2568                       | 7.1                   |
| R8V1060                                                                                              | 107.1                          | 2720                       | 7.6                   |
| R8V1120                                                                                              | 113.1                          | 2873                       | 8.0                   |
| R8V1180                                                                                              | 119.1                          | 3025                       | 8.4                   |
| R8V1250                                                                                              | 126.1                          | 3203                       | 9.0                   |
| R8V1320                                                                                              | 133.1                          | 3381                       | 9.5                   |
| R8V1400                                                                                              | 141.1                          | 3584                       | 10.0                  |
| R8V1500                                                                                              | 151.1                          | 3838                       | 10.8                  |
| R8V1600                                                                                              | 161.1                          | 4092                       | 11.5                  |
| R8V1700                                                                                              | 171.1                          | 4346                       | 12.2                  |
| R8V1800                                                                                              | 181.1                          | 4600                       | 12.9                  |
| R8V1900                                                                                              | 191.1                          | 4854                       | 13.7                  |
| R8V2000                                                                                              | 201.1                          | 5108                       | 14.4                  |
| R8V2120                                                                                              | 213.1                          | 5413                       | 15.3                  |
| R8V2240                                                                                              | 225.1                          | 5718                       | 16.1                  |
| R8V2360                                                                                              | 237.1                          | 6022                       | 17.0                  |
| R8V2500                                                                                              | 251.1                          | 6378                       | 18.0                  |
| R8V2650                                                                                              | 266.1                          | 6759                       | 19.1                  |
| R8V2800                                                                                              | 281.1                          | 7140                       | 20.2                  |
| R8V3000                                                                                              | 301.1                          | 7648                       | 21.7                  |
| R8V3150                                                                                              | 316.1                          | 8029                       | 22.8                  |
| R8V3350                                                                                              | 336.1                          | 8537                       | 24.2                  |
| R8V3550                                                                                              | 356.1                          | 9045                       | 25.7                  |
| R8V3750                                                                                              | 376.1                          | 9553                       | 28.1                  |
| R8V4000                                                                                              | 401.1                          | 10188                      | 30.0                  |
| R8V4250                                                                                              | 426.1                          | 10823                      | 31.9                  |
| R8V4500                                                                                              | 451.1                          | 11458                      | 33.8                  |
| R8V4750                                                                                              | 476.1                          | 12093                      | 35.7                  |
| R8V5000                                                                                              | 501.1                          | 12728                      | 37.5                  |
| R8V6000                                                                                              | 601.1                          | 15268                      | 45.1                  |

Part Number Example:

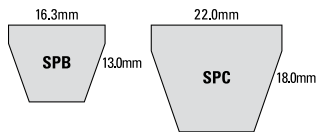
**R8V1000-3** = **R** **8V** **1000** - **3**  
 Banded Construction Cross Section Effective Length (inches in tenths: 100.0) Number of Ribs



For complete part number, add a hyphen followed by the number of ribs required as indicated in example above.

# Metric Super Power-Wedge® V-Belt

## Metric Super Power-Wedge® V-Belt Part Numbers



Part Number Example: **SPB3000** = **SPB** **3000**  
Cross Section      Effective Length (millimeters)

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>SPB Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| SPB2500                                                                                    | 99.5                           | 2527                       | 1.1           |
| SPB3000                                                                                    | 119                            | 3023                       | 1.5           |
| SPB3150                                                                                    | 125                            | 3175                       | 1.5           |
| SPB3350                                                                                    | 132.5                          | 3366                       | 1.6           |
| SPB3550                                                                                    | 140.5                          | 3569                       | 1.7           |
| SPB3750                                                                                    | 148.6                          | 3774                       | 1.8           |
| SPB4000                                                                                    | 158.5                          | 4026                       | 2.0           |
| SPB4250                                                                                    | 168.3                          | 4275                       | 2.1           |
| SPB4500                                                                                    | 178.2                          | 4526                       | 2.2           |
| SPB4750                                                                                    | 188                            | 4775                       | 2.3           |
| SPB5000                                                                                    | 198.4                          | 5040                       | 2.5           |
| SPB5300                                                                                    | 222.9                          | 5663                       | 2.4           |
| SPB5600                                                                                    | 249.8                          | 6344                       | 2.6           |
| SPB6000                                                                                    | 283.0                          | 7189                       | 2.7           |
| SPB6300                                                                                    | 317.0                          | 8052                       | 2.9           |
| SPB6700                                                                                    | 358.0                          | 9092                       | 3.1           |
| SPB7100                                                                                    | 401.7                          | 10202                      | 3.3           |
| SPB7500                                                                                    | 447.6                          | 11370                      | 3.4           |
| SPB8000                                                                                    | 503.9                          | 12799                      | 3.7           |

| Part Number                                                             | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>SPC Section – Recommended Sheaves:<br/>SPC Metric V-Belt Sheaves</b> |                                |                            |               |
| SPC3150                                                                 | 125.7                          | 3193                       | 2.8           |
| SPC3350                                                                 | 133.5                          | 3391                       | 2.9           |
| SPC3550                                                                 | 141.4                          | 3592                       | 3.1           |
| SPC3750                                                                 | 149.3                          | 3792                       | 3.3           |
| SPC4000                                                                 | 159.1                          | 4041                       | 3.5           |
| SPC4250                                                                 | 169                            | 4293                       | 3.7           |
| SPC4500                                                                 | 178.8                          | 4542                       | 3.9           |
| SPC4750                                                                 | 188.6                          | 4790                       | 4.2           |
| SPC5000                                                                 | 198.5                          | 5042                       | 4.4           |
| SPC5300                                                                 | 210.8                          | 5353                       | 4.6           |
| SPC6300                                                                 | 265.0                          | 6732                       | 5.5           |
| SPC6700                                                                 | 297.3                          | 7552                       | 5.9           |
| SPC7100                                                                 | 331.6                          | 8423                       | 6.2           |
| SPC7500                                                                 | 371.9                          | 9447                       | 6.6           |
| SPC8000                                                                 | 498.9                          | 12672                      | 7.0           |
| SPC8500                                                                 | 594.6                          | 15104                      | 7.4           |
| SPC9000                                                                 | 702.2                          | 17837                      | 7.9           |



# Aramax<sup>®</sup> Super Power-Wedge<sup>®</sup>

## V-Belt



# Aramax® Super Power-Wedge®

## V-Belt



**1 Premium Cord**  
Aramid cord provides high horsepower capability and extraordinary strength.

**2 Compression Section**  
Advanced rubber compounds designed to support the cords evenly and compress while bending around the sheaves.

**3 Heavy Duty Cover**  
Stress-relieved fabric cover protects the core while providing superior wear resistance and a smooth transfer of power.

Controlled power transfer

Extraordinary strength

Long belt life

Static dissipating

Wear resistant

**Applications:**

Designed for harsh environments such as

Aggregates

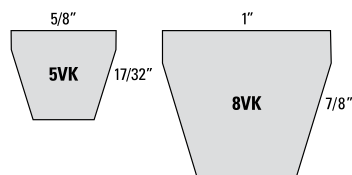
Oil field

Construction

& More

# Aramax<sup>®</sup> Super Power-Wedge<sup>®</sup>

## V-Belt



**Designed for drives that require super high performance, the Aramax family of Timken belts feature aramid cord for extraordinary strength, durability and high horsepower capability.**

The proven deeper cross section provides controlled power transfer in a more compact drive. Aramax Power-Wedge v-belts are ideal for heavy duty industrial drives with shock loads. The stress-relieved fabric cover provides superior wear characteristics and resistance to oil, heat, ozone and other environmental factors. Manufactured to exacting standards for dependability and long life, Aramax Power-Wedge v-belts are made in the USA.

Available in 5VK and 8VK cross sections.

### Features/Advantages

- The proven deeper cross-section provides controlled power transfer
- Aramid cord provides high horsepower capability and extraordinary strength on the toughest drives
- Stress-relieved fabric cover provides superior resistance to wear and protects the core
- Meets or exceeds the Association for Rubber Products Manufacturers (ARPM) standards for oil and heat resistance
- Vibration is dampened



### Note:

- 5VK has a brown clutching cover and is not static dissipating.
- 8VK has a black cover and is static dissipating.
- When Aramax belts are used as a matched set, all belts in the set must have the same sag number. These high modulus aramid cord belts require closer matching than standard belts in order to tension properly as a set.

# Aramax® Super Power-Wedge® V-Belt

## Aramax® Super Power-Wedge® Part Numbers

Part Number Example:

**5VK1000** = **5V** **K** **1000**  
Cross Section      Aramid Cord Construction      Effective Length (inches in tenths: 100.0")

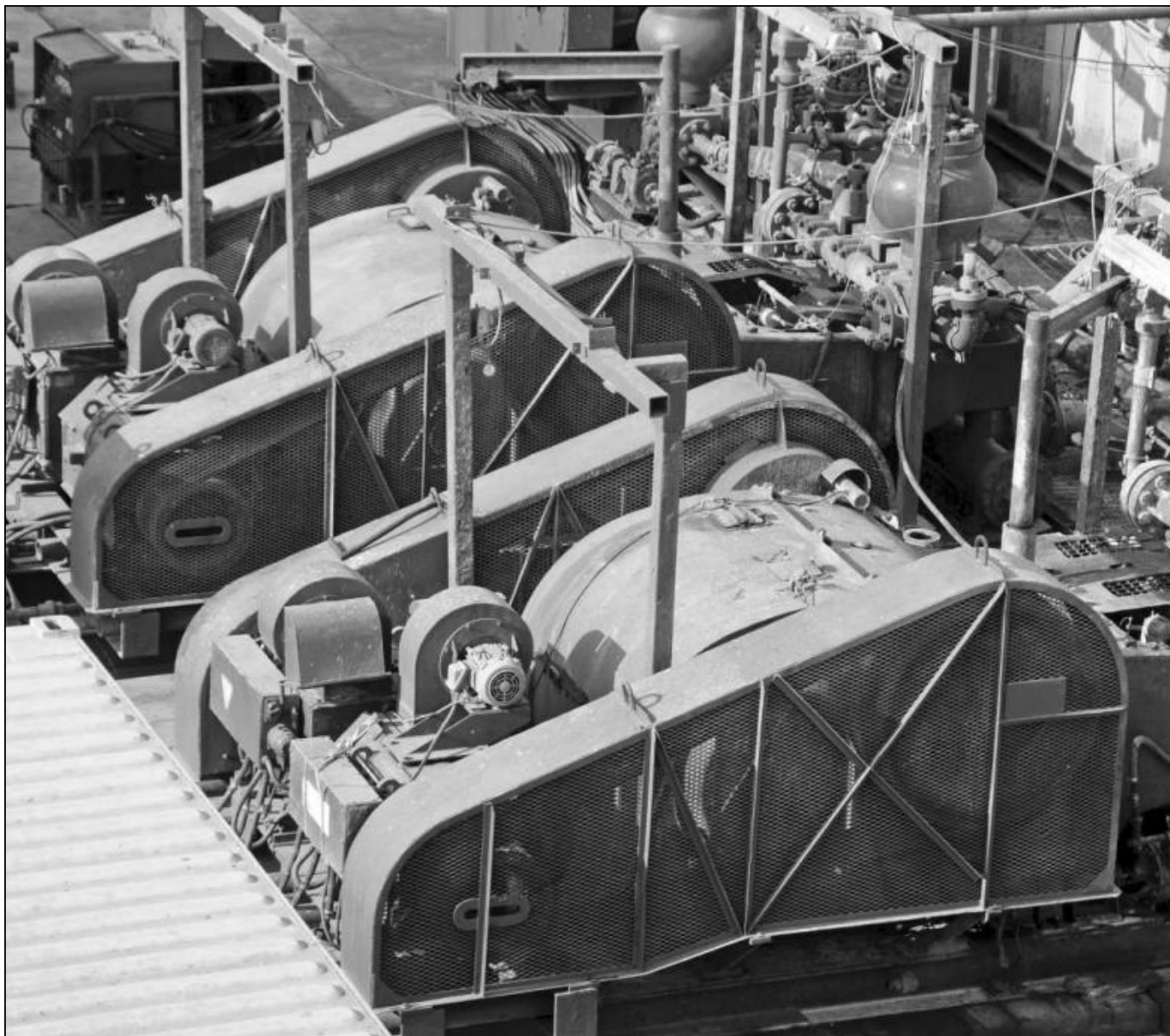
| Part Number                                                                    | Outside Circumference (in) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------|----------------------------|----------------------------|---------------|
| <b>5VK Section –</b><br>Use sheaves recommended by the equipment manufacturer. |                            |                            |               |
| 5VK800                                                                         | 80.5                       | 2044.7                     | 0.9           |
| 5VK850                                                                         | 85.5                       | 2171.7                     | 0.9           |
| 5VK900                                                                         | 90.5                       | 2298.7                     | 1.0           |
| 5VK950                                                                         | 95.5                       | 2425.7                     | 1.1           |
| 5VK1000                                                                        | 100.4                      | 2550.2                     | 1.1           |
| 5VK1060                                                                        | 106.6                      | 2707.6                     | 1.2           |
| 5VK1120                                                                        | 112.5                      | 2857.5                     | 1.2           |
| 5VK1180                                                                        | 118.3                      | 3004.8                     | 1.3           |
| 5VK1250                                                                        | 112.4                      | 2855.0                     | 1.4           |
| 5VK1320                                                                        | 132.5                      | 3365.5                     | 1.5           |
| 5VK1400                                                                        | 140.4                      | 3566.2                     | 1.6           |
| 5VK1500                                                                        | 150.6                      | 3825.2                     | 1.7           |
| 5VK1600                                                                        | 160.6                      | 4079.2                     | 1.8           |
| 5VK1700                                                                        | 170.6                      | 4333.2                     | 1.9           |
| 5VK1800                                                                        | 180.6                      | 4587.2                     | 2.0           |
| 5VK1900                                                                        | 190.6                      | 4841.2                     | 2.1           |
| 5VK2000                                                                        | 200.6                      | 5095.2                     | 2.2           |
| 5VK2120                                                                        | 212.5                      | 5397.5                     | 2.3           |
| 5VK2240                                                                        | 224.6                      | 5704.8                     | 2.5           |
| 5VK2360                                                                        | 236.6                      | 6009.6                     | 2.6           |
| 5VK2500                                                                        | 250.6                      | 6365.2                     | 2.8           |
| 5VK2650                                                                        | 265.6                      | 6746.2                     | 2.9           |
| 5VK2800                                                                        | 280.6                      | 7127.2                     | 3.1           |
| 5VK3000                                                                        | 300.6                      | 7635.2                     | 3.3           |
| 5VK3150                                                                        | 315.6                      | 8016.2                     | 3.5           |
| 5VK3350                                                                        | 335.6                      | 8524.2                     | 3.7           |
| 5VK3550                                                                        | 355.6                      | 9032.2                     | 3.9           |

| Part Number                                                                    | Outside Circumference (in) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------|----------------------------|----------------------------|---------------|
| <b>8VK Section –</b><br>Use sheaves recommended by the equipment manufacturer. |                            |                            |               |
| 8VK2000                                                                        | 200.0                      | 5080.0                     | 6.1           |
| 8VK2360                                                                        | 236.0                      | 5994.4                     | 7.3           |
| 8VK2500                                                                        | 250.0                      | 6350.0                     | 7.7           |
| 8VK2000                                                                        | 200                        | 5080                       | 6.1           |
| 8VK2360                                                                        | 236                        | 5994                       | 7.3           |
| 8VK2500                                                                        | 250                        | 6350                       | 7.7           |
| 8VK2650                                                                        | 265                        | 6492                       | 8.2           |
| 8VK2800                                                                        | 280                        | 6860                       | 8.6           |
| 8VK3000                                                                        | 300                        | 7350                       | 9.2           |
| 8VK3150                                                                        | 315                        | 7717                       | 9.7           |
| 8VK3350                                                                        | 335                        | 8207                       | 10.3          |
| 8VK3550                                                                        | 355                        | 8697                       | 11.0          |
| 8VK3750                                                                        | 375                        | 9187                       | 11.6          |
| 8VK4000                                                                        | 400                        | 9800                       | 12.4          |
| 8VK4250                                                                        | 425                        | 10412                      | 13.1          |
| 8VK4500                                                                        | 450                        | 11025                      | 13.9          |
| 8VK5000                                                                        | 500                        | 12250                      | 15.5          |

Other sizes are available. Please contact customer service.



# Aramax<sup>®</sup> Super Power-Wedge<sup>®</sup> Band Banded Belt



# Aramax® Super Power-Wedge® Band

## Banded Belt



### 1 Aramid Cord

Aramid is a class of heat-resistant and very strong synthetic fibers that is stronger than steel. Aramid cord provides high horsepower capability and maximum protection against shock loads.

### 2 Reinforced Tie-Band

Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

### 3 Heavy Duty Cover

Stress-relieved fabric cover protects the core while providing superior wear resistance and a smooth transfer of power.

Super high performance banded belt

Tough aramid cord construction

High horsepower capability

Maximum protection against shock loads

Highly engineered tie-band

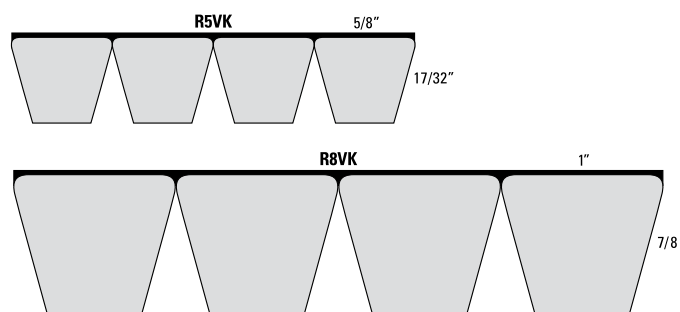
Excels in harsh oil field and industrial applications

### Applications:

Oil field mud pumps  
Lumber industry drives  
Heavy construction machinery  
& More

# Aramax® Super Power-Wedge® Band

## Banded Belt



**Aramax® Super Power-Wedge® Bands are designed for extraordinary strength on the toughest drives.**

Aramax® Super Power-Wedge® Bands are ideally suited for oil field equipment, rock and quarry applications, forestry industry applications and heavy construction machinery. Aramid cord provides maximum protection against belt breakage due to shock loads.

When compared with 5V and 8V belts, the horsepower capacity per rib is significantly higher and provides substantial cost savings in belts and metal. Overhung load is also reduced and can extend equipment service life.

Because of the high horsepower loads involved, standard 5V and 8V cast iron Q-D® pulleys typically DO NOT have sufficient horsepower capacity to operate with the Aramax Super Power-Wedge Band at the belt's rated horsepower. As a result, special pulleys are frequently required.

Due to the unique nature of these "super high performance" banded belts, no drive design literature is available.

Use Drive Engineer to run an existing drive analysis. When designing a new drive, we suggest working with a Timken Belts application engineer.

**Note:** R5VK has a brown clutching cover and is not static dissipating. R8VK has a black cover and is static dissipating.

When these R5VK and R8VK belts are used as a matched set, all belts in the set must have the same sag number. These high modulus aramid cord belts require closer matching than standard R5V and R8V belts in order to tension properly as a set.

Maximum number of ribs available is 12.

Q-D® is a registered trademark of Regal Beloit America, Inc.

## Aramax® Super Power-Wedge® Band Part Numbers

| Part Number                                                                     | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>R5VK Section –</b><br>Use sheaves recommended by the equipment manufacturer. |                                |                            |                       |
| R5VK600                                                                         | 61.1                           | 1552                       | 1.6                   |
| R5VK630                                                                         | 64.1                           | 1628                       | 1.7                   |
| R5VK670                                                                         | 68.1                           | 1730                       | 1.8                   |
| R5VK710                                                                         | 72.1                           | 1831                       | 1.9                   |
| R5VK730                                                                         | 74.1                           | 1882                       | 1.9                   |
| R5VK750                                                                         | 76.1                           | 1933                       | 2.0                   |
| R5VK800                                                                         | 81.1                           | 2060                       | 11.5                  |
| R5VK850                                                                         | 86.1                           | 2187                       | 2.3                   |
| R5VK870                                                                         | 88.1                           | 2238                       | 2.3                   |
| R5VK900                                                                         | 91.1                           | 2314                       | 2.4                   |
| R5VK950                                                                         | 96.1                           | 2441                       | 2.5                   |
| R5VK1000                                                                        | 101.1                          | 2568                       | 2.6                   |
| R5VK1060                                                                        | 107.1                          | 2720                       | 2.8                   |
| R5VK1120                                                                        | 113.1                          | 2873                       | 2.9                   |
| R5VK1180                                                                        | 119.1                          | 3025                       | 3.1                   |
| R5VK1250                                                                        | 126.1                          | 3203                       | 3.3                   |
| R5VK1320                                                                        | 133.1                          | 3381                       | 3.5                   |
| R5VK1400                                                                        | 141.1                          | 3584                       | 15.3                  |
| R5VK1500                                                                        | 151.1                          | 3838                       | 6.2                   |
| R5VK1600                                                                        | 161.1                          | 4092                       | 4.2                   |
| R5VK1700                                                                        | 171.1                          | 4346                       | 4.4                   |
| R5VK1800                                                                        | 181.1                          | 4600                       | 4.7                   |
| R5VK1900                                                                        | 191.1                          | 4854                       | 5.0                   |
| R5VK2000                                                                        | 201.1                          | 5108                       | 12.9                  |
| R5VK2120                                                                        | 213.1                          | 5413                       | 5.5                   |
| R5VK2240                                                                        | 225.1                          | 5718                       | 5.9                   |
| R5VK2360                                                                        | 237.1                          | 6022                       | 6.2                   |
| R5VK2500                                                                        | 251.1                          | 6378                       | 6.5                   |
| R5VK2650                                                                        | 266.1                          | 6759                       | 7.3                   |
| R5VK2800                                                                        | 281.1                          | 7140                       | 7.3                   |
| R5VK3000                                                                        | 301.1                          | 7648                       | 7.8                   |
| R5VK3150                                                                        | 316.1                          | 8029                       | 8.2                   |
| R5VK3350                                                                        | 336.1                          | 8537                       | 8.8                   |
| R5VK3550                                                                        | 336.1                          | 8537                       | 18.4                  |



# Aramax® Super Power-Wedge® Band

## Banded Belt

Part Number Example: **R8VK1500-4** =

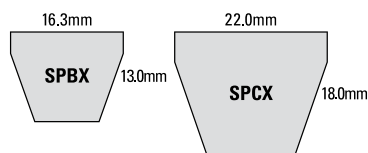
|                     |               |                          |                                            |   |                |
|---------------------|---------------|--------------------------|--------------------------------------------|---|----------------|
| <b>R</b>            | <b>8V</b>     | <b>K</b>                 | <b>1500</b>                                | - | <b>4</b>       |
| Banded Construction | Cross Section | Aramid Cord Construction | Effective Length (inches in tenths: 150.0) |   | Number of Ribs |

| Part Number                                                                  | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>R8VK Section – Use sheaves recommended by the equipment manufacturer.</b> |                                |                            |                       |
| R8VK1500                                                                     | 151.5                          | 3848                       | 21.4                  |
| R8VK1600                                                                     | 161.5                          | 4102                       | 22.9                  |
| R8VK1700                                                                     | 171.5                          | 4356                       | 24.3                  |
| R8VK1800                                                                     | 181.5                          | 4610                       | 12.9                  |
| R8VK1900                                                                     | 191.5                          | 4864                       | 13.6                  |
| R8VK2000                                                                     | 201.5                          | 5118                       | 21.5                  |
| R8VK2120                                                                     | 213.5                          | 5423                       | 22.8                  |
| R8VK2160                                                                     | 217.5                          | 5525                       | 32.1                  |
| R8VK2240                                                                     | 225.5                          | 5728                       | 21.1                  |
| R8VK2360                                                                     | 237.5                          | 6033                       | 25.4                  |
| R8VK2500                                                                     | 251.5                          | 6388                       | 35.9                  |
| R8VK2600                                                                     | 261.5                          | 6642                       | 36.1                  |
| R8VK2650                                                                     | 266.5                          | 6769                       | 28.6                  |
| R8VK2780                                                                     | 279.5                          | 7099                       | 137.9                 |
| R8VK2800                                                                     | 281.5                          | 7150                       | 30.2                  |
| R8VK3000                                                                     | 301.5                          | 7658                       | 32.3                  |
| R8VK3150                                                                     | 316.5                          | 8039                       | 45.3                  |
| R8VK3350                                                                     | 336.5                          | 8547                       | 36.1                  |
| R8VK3550                                                                     | 356.5                          | 9055                       | 38.3                  |
| R8VK3750                                                                     | 376.5                          | 9563                       | 40.5                  |
| R8VK4000                                                                     | 401.1                          | 10188                      | 57.1                  |
| R8VK4250                                                                     | 426.1                          | 10823                      | 59.9                  |
| R8VK4500                                                                     | 451.1                          | 11458                      | 62.7                  |
| R8VK4750                                                                     | 476.1                          | 12093                      | 65.5                  |
| R8VK5000                                                                     | 501.1                          | 12728                      | 68.3                  |
| R8VK5600                                                                     | 561.1                          | 14252                      | 76.7                  |

For complete part number, add a hyphen followed by the number of ribs required as indicated in example above.



# Metric Aramax® Super Power-Wedge® V-Belt



Part Number Example: **SPBK3000** = **SPB** **K** **3000**  
 Cross Section      Aramid Cord Construction      Pitch Length in millimeters

## Metric Aramax® Super Power-Wedge® V-Belt Part Numbers

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>SPB Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| SPBK1900                                                                                   | 75.4                           | 1915.2                     | 0.8           |
| SPBK2500                                                                                   | 99.5                           | 2527.3                     | 1.1           |
| SPBK2650                                                                                   | 105.1                          | 2669.5                     | 1.2           |
| SPBK3000                                                                                   | 119.0                          | 3022.6                     | 1.4           |
| SPBK3150                                                                                   | 125.0                          | 3175.0                     | 1.5           |
| SPBK3350                                                                                   | 132.5                          | 3365.5                     | 1.6           |
| SPBK3550                                                                                   | 140.5                          | 3568.7                     | 1.7           |
| SPBK3750                                                                                   | 148.6                          | 3774.4                     | 1.8           |
| SPBK4000                                                                                   | 158.5                          | 4025.9                     | 2.0           |
| SPBK4250                                                                                   | 168.3                          | 4274.8                     | 2.1           |
| SPBK4500                                                                                   | 178.2                          | 4526.3                     | 2.2           |
| SPBK4750                                                                                   | 188.0                          | 4775.2                     | 2.3           |
| SPBK5000                                                                                   | 198.4                          | 5039.7                     | 2.5           |
| SPBK5300                                                                                   | 222.9                          | 5662.6                     | 2.6           |
| SPBK5600                                                                                   | 249.8                          | 6344.4                     | 2.8           |
| SPBK6000                                                                                   | 283.0                          | 7189.4                     | 3.0           |
| SPBK6300                                                                                   | 317.0                          | 8051.8                     | 3.1           |
| SPBK6700                                                                                   | 358.0                          | 9092.5                     | 3.3           |
| SPBK7100                                                                                   | 401.7                          | 10202.1                    | 3.5           |
| SPBK7500                                                                                   | 447.6                          | 11369.5                    | 3.7           |
| SPBK8000                                                                                   | 503.9                          | 12799.2                    | 3.9           |

| Part Number                                                             | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>SPC Section – Recommended Sheaves:<br/>SPC Metric V-Belt Sheaves</b> |                                |                            |               |
| SPCK3150                                                                | 125.2                          | 3180                       | 2.8           |
| SPCK3350                                                                | 133.1                          | 3380                       | 3.0           |
| SPCK3550                                                                | 140.9                          | 3580                       | 3.2           |
| SPCK3750                                                                | 148.8                          | 3780                       | 3.3           |
| SPCK4000                                                                | 158.7                          | 4030                       | 3.6           |
| SPCK4250                                                                | 168.5                          | 4280                       | 3.8           |
| SPCK4500                                                                | 178.3                          | 4530                       | 4.0           |
| SPCK5000                                                                | 198.0                          | 5030                       | 4.4           |
| SPCK5300                                                                | 209.8                          | 5330                       | 4.7           |
| SPCK6300                                                                | 249.2                          | 6330                       | 5.6           |
| SPCK6700                                                                | 265.0                          | 6730                       | 6.0           |
| SPCK7100                                                                | 280.7                          | 7130                       | 6.3           |
| SPCK7500                                                                | 296.5                          | 7530                       | 6.7           |
| SPCK8000                                                                | 316.1                          | 8030                       | 7.1           |
| SPCK8500                                                                | 335.8                          | 8530                       | 7.6           |
| SPCK9000                                                                | 355.5                          | 9030                       | 8.0           |

Additional sizes are available. Please contact customer service.

# Chipper Drive Wedge-Band® Banded Belt



**1 Oversized Polyester Cord**

High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Multiple Plies of Laminated Fabric and Rubber**

Multiple plies of rubber and fabric are bonded together in the compression section of the belt. While the raw edge laminated construction provides drive efficiency, the plies of the lower section reduce belt aggressiveness – a combination that provides the key to controlled slippage under peak loads.

**3 EPDM**

(Ethylene Propylene Diene Monomer) is static conductive, durable, and resistant to heat, hardening, and glazing.

**4 Reinforced Tie-Band**

Highly engineered tie-band permanently bonds multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load-distribution and wear. The tie-band helps prevent wood chips from lodging in the drive. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

**Recommended Pulleys:**

Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)

Laminated banded belt built tough for forestry applications

Oversized polyester cord provides added belt strength and stability

EPDM has a broad operating temperature range (-50° to +250°F)

Multiple layers of fabric provide controlled slippage under peak loads

Long belt life

Durable

Oil and heat resistant

Static conductive

Resists hardening and glazing

Minimizes belt whip and rollover

Vibration is dampened

Heavy shock loads are absorbed

**Applications:**

Chipper saws  
De-barker drives  
Head rigs  
Hogs  
& More

# Chipper Drive Wedge-Band®

## Banded Belt



Part Number Example: **R5VL1000-5** = **R** **5V** **L** **1000** - **5**

Banded Construction   Cross Section   Non-Cogged Construction   Effective Length (inches in tenths: 100.0)   Number of Ribs

**Chipper Drive Wedge-Band® belts are specially designed and constructed to meet the unique demands of the forestry products industry.**

The laminated belt is made of Ethylene Propylene Diene Monomer (EPDM), a synthetic rubber that is durable, heat resistant, static conductive and resistant to hardening and glazing. EPDM offers superior flex and load carrying capacity and a broad operating temperature range of -50°F to +250°F.

Instead of using sets of individual belts, this banded belt is engineered with a special raw edge laminated construction that provides perfect balance between the controlled transfer of power and slippage.

It is designed to slip during “overload” or drive stall conditions. By allowing the belt to have controlled slippage less heat is generated, which results in longer belt life.

The tie-band is highly engineered to permanently bond multiple belts together enabling the belts to function as a single unit with even load distribution and wear. The banded belt construction minimizes belt whip and rollover.

For complete part number, add a hyphen followed by the number of ribs required. For example: R5VL1000-5



## Chipper Drive Wedge-Band®

### Part Numbers

| Part Number                                                                                             | Top Width (inches) | Thickness (inches) | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>5VL – Banded Section Recommended Pulleys:</b><br><b>Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b> |                    |                    |                                |                            |                       |
| R5VL800                                                                                                 | 5/8"               | 17/32"             | 81.1                           | 2060                       | 5.7                   |
| R5VL850                                                                                                 | 5/8"               | 17/32"             | 86.1                           | 2187                       | 6.0                   |
| R5VL900                                                                                                 | 5/8"               | 17/32"             | 91.1                           | 2314                       | 2.6                   |
| R5VL950                                                                                                 | 5/8"               | 17/32"             | 96.1                           | 2441                       | 6.7                   |
| R5VL1000                                                                                                | 5/8"               | 17/32"             | 101.1                          | 2568                       | 4.3                   |
| R5VL1060                                                                                                | 5/8"               | 17/32"             | 107.1                          | 2720                       | 107.1                 |
| R5VL1120                                                                                                | 5/8"               | 17/32"             | 113.1                          | 2873                       | 7.9                   |
| R5VL1180                                                                                                | 5/8"               | 17/32"             | 119.1                          | 3025                       | 119.1                 |
| R5VL1320                                                                                                | 5/8"               | 17/32"             | 133.1                          | 3381                       | 5.6                   |
| R5VL1320                                                                                                | 5/8"               | 17/32"             | 133.1                          | 3381                       | 9.4                   |
| R5VL1700                                                                                                | 5/8"               | 17/32"             | 171.1                          | 4346                       | 12.1                  |

# Gold-Ribbon® Cog-Belt®

## V-Belt



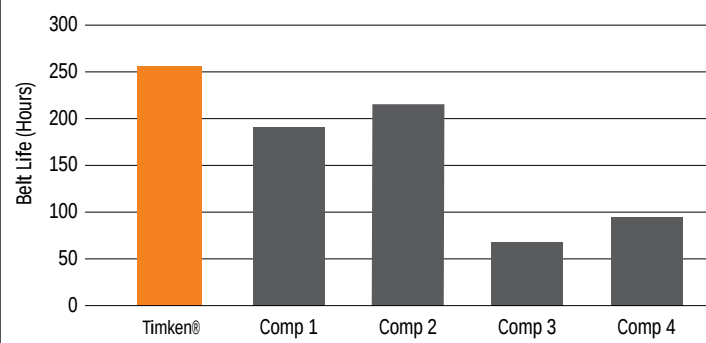
# Gold-Ribbon® Cog-Belt®

## V-Belt

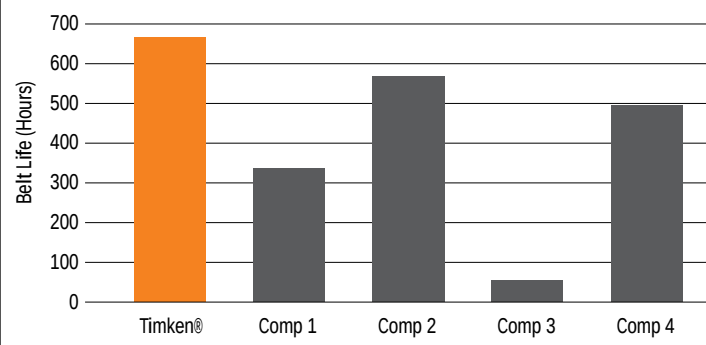
### Proven Performance in an Imperfect World.

**In a perfect world, every belt drive system would be properly tensioned and aligned to achieve maximum efficiency and belt life. But, the world isn't perfect. That's why you need the Timken® Gold-Ribbon® Cog-Belt®.**

**BX75 Accelerated Flex Fatigue Testing**



**BX75 Accelerated Application Testing**



\* Accelerated life tests were performed under adverse conditions. Belt life will vary depending on operating conditions. Follow all tensioning, alignment and installation guidelines to get maximum life out of your belt.

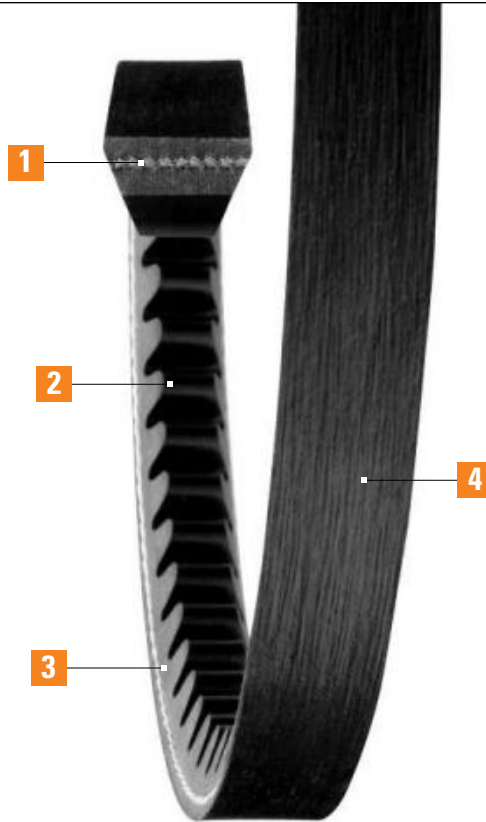
- Rigorous testing\* shows that Timken belts significantly outlast the competition in a wide range of adverse conditions common to industrial applications.
- In both accelerated flex fatigue and application tests targeting belt break, fabric wear, cracking and slippage, Timken raw edge cogged belts performed far above the competition even when subjected to misalignment, excessive tension, torque load and backside idlers.
- To the end user, extended belt life translates to less downtime and reduced maintenance costs, or simply put, savings.

**Stronger by design.** Whether raw edge or wrapped construction, every Timken belt meets stringent specifications established through steadfast testing to meet the demands of even the toughest applications.

**Engineered for efficiency.** Timken belts are designed to effectively handle the transfer of power as well as unwanted stresses such as heat, wear and vibration with minimal loss of power. This translates to energy efficiency and savings.

# Gold-Ribbon® Cog-Belt®

## V-Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Precision Molded Cogs**  
Improves flexibility and reduces stress that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life. Smaller pulley diameters mean lower cost and space savings.

**3 Raw Edge Sidewalls**  
Produces a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life. The raw edge construction also allows more cord width for increased horsepower capacity.

**4 EPDM Construction**  
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

**Recommended Sheaves:**  
Conventional – QD, Taper Bushed, or MST (A-B, C, D)

The energy saver

High performance  
EPDM construction:

Broad temperature  
operating range  
(-50°F to +250°F)

50% longer life

30% higher horsepower

Static conductive

Greater design flexibility

**chekmate®**

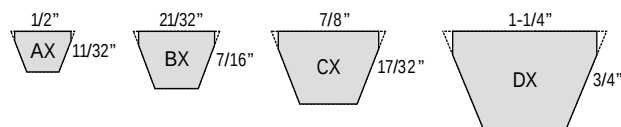
Applications:

Blowers  
Pumps  
HVAC  
High ambient temperature  
exhaust fans  
& More



# Gold-Ribbon® Cog-Belt®

## V-Belt



**The gold standard! Gold-Ribbon® Cog-Belt® sets the benchmark for classical v-belt performance. Reduce downtime and save energy with increased power ratings and longer belt life than wrapped v-belts.**

**The Energy Saver!** Unique Gold-Ribbon® Cog-Belt® construction combines the superior flexing capability of precision molded cogs with the tenacious gripping power of raw-edge sidewalls to provide significantly longer belt life, higher efficiency, and greater horsepower ratings than conventional wrapped belts.

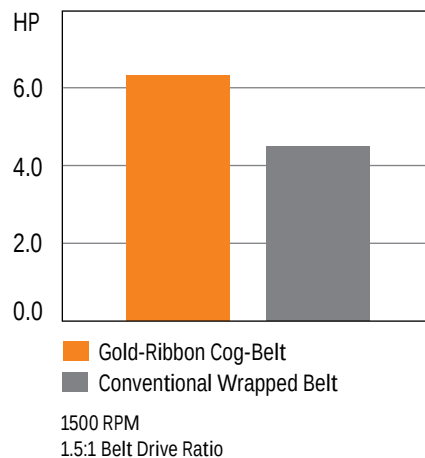
### More reasons to switch to the Gold-Ribbon Cog-Belt:

- Specially formulated EPDM withstands heat, dirt, grease, chemicals and environmental conditions
- Design flexibility – our Gold-Ribbon Cog-Belt transmits up to 30% more horsepower than conventional belts utilizing the same drive space – or packs the same horsepower into a space one-half to two-thirds the size
- No excessive heat build-up or wear problems even under adverse operating conditions such as reverse bends, backside idlers and constant starts and stops
- Save space with narrower sheaves
- Reduced weight and overhang decreases bearing loads
- Broad operating temperature (-50°F to +250°F)
- Belt sidewalls reduce vibration for extended component life
- Cog profile reduces bending stress
- Built to Chek Mate belt tolerances for a matched set

### Performance and savings in one package.

The Gold-Ribbon Cog-Belt gets the job done anywhere there are space, weight or pulley limitations – or where increased horsepower capacity and/or higher speeds are necessary. Using smaller pulleys, the Gold-Ribbon Cog-Belt provides a higher horsepower rating than conventional wrapped v-belts. This enables the design of more efficient, more compact, and ultimately more profitable drives.

### Horsepower Rating Comparison



| Gold-Ribbon Cog-Belt Drive Example = Energy Savings Payback |                                 |                             |                             |
|-------------------------------------------------------------|---------------------------------|-----------------------------|-----------------------------|
| <b>Driver:</b> 40 HP/1200 RPM                               |                                 | <b>Premium Wrapped Belt</b> | <b>Gold-Ribbon Cog-Belt</b> |
| <b>Driven:</b> 600 RPM                                      |                                 |                             |                             |
| <b>Motor Efficiency:</b> 0.91                               | <b>Annual Drive Energy Cost</b> | <b>\$17,707</b>             | <b>\$16,910</b>             |
| <b>Electric Rate:</b> \$0.15/Kwh                            | Annual Drive Savings            |                             | <b>\$797</b>                |
| <b>Drive Operation:</b> 7,200 hours per year                | Belt Drive Premium              |                             | <b>\$51</b>                 |
| <b>Application:</b> Exhaust Fan                             | Payback (Months)                |                             | <b>.77</b>                  |

# Gold-Ribbon® Cog-Belt®

## V-Belt

### Gold-Ribbon® Cog-Belt® Part Numbers

Part Number Example: **AX50** = **A** **X** **50**  
 Cross Section Cogged Construction Inside Circumference (inches)

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AX20                                                                                       | 22.5                           | 572                        | 0.1           |
| AX21                                                                                       | 23.4                           | 594                        | 0.1           |
| AX22                                                                                       | 24.5                           | 622                        | 0.1           |
| AX23                                                                                       | 25.3                           | 643                        | 0.1           |
| AX24                                                                                       | 26.6                           | 676                        | 0.1           |
| AX25                                                                                       | 27.5                           | 699                        | 0.2           |
| AX26                                                                                       | 28.4                           | 721                        | 0.2           |
| AX27                                                                                       | 29.4                           | 747                        | 0.2           |
| AX28                                                                                       | 30.3                           | 770                        | 0.2           |
| AX29                                                                                       | 31.6                           | 803                        | 0.2           |
| AX30                                                                                       | 32.5                           | 826                        | 0.2           |
| AX31                                                                                       | 33.5                           | 851                        | 0.2           |
| AX32                                                                                       | 34.4                           | 874                        | 0.2           |
| AX33                                                                                       | 35.3                           | 897                        | 0.2           |
| AX34                                                                                       | 36.6                           | 930                        | 0.2           |
| AX35                                                                                       | 37.5                           | 953                        | 0.2           |
| AX36                                                                                       | 38.3                           | 973                        | 0.2           |
| AX37                                                                                       | 39.4                           | 1001                       | 0.2           |
| AX38                                                                                       | 40.2                           | 1021                       | 0.2           |
| AX39                                                                                       | 41.3                           | 1049                       | 0.2           |
| AX40                                                                                       | 42.4                           | 1077                       | 0.2           |
| AX41                                                                                       | 43.5                           | 1105                       | 0.2           |
| AX42                                                                                       | 44.4                           | 1128                       | 0.2           |
| AX43                                                                                       | 45.4                           | 1153                       | 0.3           |
| AX44                                                                                       | 46.2                           | 1174                       | 0.3           |
| AX45                                                                                       | 47.5                           | 1207                       | 0.3           |
| AX46                                                                                       | 48.5                           | 1232                       | 0.3           |
| AX47                                                                                       | 49.3                           | 1252                       | 0.3           |
| AX48                                                                                       | 50.2                           | 1275                       | 0.2           |
| AX49                                                                                       | 51.2                           | 1301                       | 0.2           |
| AX50                                                                                       | 52.4                           | 1331                       | 0.3           |
| AX51                                                                                       | 53.4                           | 1356                       | 0.3           |
| AX52                                                                                       | 54.4                           | 1382                       | 0.3           |
| AX53                                                                                       | 55.3                           | 1405                       | 0.3           |

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AX54                                                                                       | 56.2                           | 1428                       | 0.3           |
| AX55                                                                                       | 57.4                           | 1458                       | 0.3           |
| AX56                                                                                       | 58.3                           | 1481                       | 0.3           |
| AX57                                                                                       | 59.3                           | 1506                       | 0.3           |
| AX58                                                                                       | 60.5                           | 1537                       | 0.4           |
| AX59                                                                                       | 61.4                           | 1560                       | 0.4           |
| AX60                                                                                       | 62.6                           | 1590                       | 0.3           |
| AX61                                                                                       | 63.6                           | 1615                       | 0.4           |
| AX62                                                                                       | 64.5                           | 1638                       | 0.4           |
| AX63                                                                                       | 65.4                           | 1661                       | 0.4           |
| AX64                                                                                       | 66.4                           | 1687                       | 0.4           |
| AX65                                                                                       | 67.3                           | 1709                       | 0.4           |
| AX66                                                                                       | 68.6                           | 1742                       | 0.3           |
| AX67                                                                                       | 69.5                           | 1765                       | 0.4           |
| AX68                                                                                       | 70.4                           | 1788                       | 0.3           |
| AX69                                                                                       | 71.4                           | 1814                       | 0.4           |
| AX70                                                                                       | 72.3                           | 1836                       | 0.4           |
| AX71                                                                                       | 73.6                           | 1869                       | 0.4           |
| AX72                                                                                       | 74.5                           | 1892                       | 0.3           |
| AX73                                                                                       | 75.5                           | 1918                       | 0.4           |
| AX74                                                                                       | 76.4                           | 1941                       | 0.4           |
| AX75                                                                                       | 77.3                           | 1963                       | 0.4           |
| AX76                                                                                       | 78.6                           | 1996                       | 0.5           |
| AX77                                                                                       | 79.5                           | 2019                       | 0.5           |
| AX78                                                                                       | 80.5                           | 2045                       | 0.5           |
| AX79                                                                                       | 81.4                           | 2068                       | 0.5           |
| AX80                                                                                       | 82.4                           | 2093                       | 0.5           |
| AX81                                                                                       | 83.1                           | 2111                       | 0.4           |
| AX82                                                                                       | 84.3                           | 2141                       | 0.4           |
| AX83                                                                                       | 85.2                           | 2164                       | 0.4           |
| AX84                                                                                       | 86.4                           | 2195                       | 0.4           |
| AX85                                                                                       | 87.4                           | 2220                       | 0.5           |
| AX86                                                                                       | 88.3                           | 2243                       | 0.5           |
| AX87                                                                                       | 89.6                           | 2276                       | 0.4           |

# Gold-Ribbon® Cog-Belt®

## V-Belt

### Gold-Ribbon® Cog-Belt®

#### Part Numbers

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AX88                                                                                       | 90.5                           | 2299                       | 0.5           |
| AX89                                                                                       | 91.4                           | 2322                       | 0.4           |
| AX90                                                                                       | 92.1                           | 2339                       | 0.4           |
| AX91                                                                                       | 93.3                           | 2370                       | 0.5           |
| AX92                                                                                       | 94.4                           | 2398                       | 0.4           |
| AX93                                                                                       | 95.5                           | 2426                       | 0.4           |
| AX94                                                                                       | 96.4                           | 2449                       | 0.4           |
| AX95                                                                                       | 97.4                           | 2474                       | 0.4           |
| AX96                                                                                       | 98.3                           | 2497                       | 0.6           |
| AX97                                                                                       | 99.6                           | 2530                       | 0.6           |
| AX98                                                                                       | 100.3                          | 2548                       | 0.5           |
| AX99                                                                                       | 101.3                          | 2573                       | 0.6           |
| AX100                                                                                      | 102.4                          | 2601                       | 0.5           |
| AX103                                                                                      | 105.5                          | 2680                       | 0.6           |
| AX105                                                                                      | 107.4                          | 2728                       | 0.6           |
| AX110                                                                                      | 112.4                          | 2855                       | 0.6           |
| AX112                                                                                      | 114.6                          | 2911                       | 0.6           |
| AX120                                                                                      | 122.4                          | 3109                       | 0.6           |
| AX128                                                                                      | 130.4                          | 3312                       | 0.6           |
| AX136                                                                                      | 138.4                          | 3515                       | 0.6           |
| AX144                                                                                      | 146.4                          | 3719                       | 0.7           |
| AX158                                                                                      | 160.4                          | 4074                       | 0.7           |
| AX173                                                                                      | 175.4                          | 4455                       | 0.8           |
| AX180                                                                                      | 182.4                          | 4633                       | 0.8           |
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BX23                                                                                       | 26.4                           | 671                        | 0.2           |
| BX25                                                                                       | 28.2                           | 715                        | 1.8           |
| BX26                                                                                       | 29.2                           | 742                        | 0.3           |
| BX27                                                                                       | 30.1                           | 765                        | 0.3           |
| BX28                                                                                       | 31.4                           | 798                        | 0.3           |
| BX29                                                                                       | 32.3                           | 820                        | 0.2           |
| BX30                                                                                       | 33.3                           | 846                        | 0.3           |

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BX31                                                                                       | 34.2                           | 869                        | 0.3           |
| BX32                                                                                       | 35.2                           | 894                        | 0.3           |
| BX33                                                                                       | 36.3                           | 922                        | 0.3           |
| BX34                                                                                       | 37.4                           | 950                        | 0.3           |
| BX35                                                                                       | 38.3                           | 973                        | 0.3           |
| BX36                                                                                       | 39.2                           | 996                        | 0.3           |
| BX37                                                                                       | 40.2                           | 1021                       | 0.4           |
| BX38                                                                                       | 41.4                           | 1052                       | 0.4           |
| BX39                                                                                       | 42.4                           | 1077                       | 0.3           |
| BX40                                                                                       | 43.3                           | 1100                       | 0.4           |
| BX41                                                                                       | 44.3                           | 1125                       | 0.3           |
| BX42                                                                                       | 45.2                           | 1148                       | 0.4           |
| BX43                                                                                       | 46.1                           | 1171                       | 0.4           |
| BX44                                                                                       | 47.4                           | 1204                       | 0.4           |
| BX45                                                                                       | 48.3                           | 1227                       | 0.4           |
| BX46                                                                                       | 49.2                           | 1250                       | 0.4           |
| BX47                                                                                       | 50.2                           | 1275                       | 0.5           |
| BX48                                                                                       | 51.2                           | 1301                       | 0.5           |
| BX49                                                                                       | 52.2                           | 1326                       | 0.5           |
| BX50                                                                                       | 53.4                           | 1356                       | 0.5           |
| BX51                                                                                       | 54.3                           | 1379                       | 0.5           |
| BX52                                                                                       | 55.3                           | 1405                       | 0.5           |
| BX53                                                                                       | 56.1                           | 1425                       | 0.5           |
| BX54                                                                                       | 57.1                           | 1450                       | 0.5           |
| BX55                                                                                       | 58.4                           | 1483                       | 0.5           |
| BX56                                                                                       | 59.3                           | 1506                       | 0.5           |
| BX57                                                                                       | 60.3                           | 1532                       | 0.6           |
| BX58                                                                                       | 61.2                           | 1555                       | 0.5           |
| BX59                                                                                       | 62.2                           | 1580                       | 0.6           |
| BX60                                                                                       | 63.4                           | 1610                       | 0.5           |
| BX61                                                                                       | 64.3                           | 1633                       | 0.6           |
| BX62                                                                                       | 65.3                           | 1659                       | 0.6           |
| BX63                                                                                       | 66.3                           | 1684                       | 0.6           |

# Gold-Ribbon® Cog-Belt®

## V-Belt

Part Number Example: **BX70** = **B** **X** **70**  
 Cross Section Cogged Construction Inside Circumference (inches)

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BX64                                                                                       | 67.2                           | 1707                       | 0.6           |
| BX65                                                                                       | 68.1                           | 1730                       | 0.6           |
| BX66                                                                                       | 69.2                           | 1758                       | 0.5           |
| BX67                                                                                       | 70.3                           | 1786                       | 0.6           |
| BX68                                                                                       | 71.3                           | 1811                       | 0.6           |
| BX69                                                                                       | 72.2                           | 1834                       | 0.7           |
| BX70                                                                                       | 73.2                           | 1859                       | 0.7           |
| BX71                                                                                       | 74.3                           | 1887                       | 0.6           |
| BX72                                                                                       | 75.4                           | 1915                       | 0.7           |
| BX73                                                                                       | 76.3                           | 1938                       | 0.7           |
| BX74                                                                                       | 77.2                           | 1961                       | 0.7           |
| BX75                                                                                       | 78.1                           | 1984                       | 0.6           |
| BX76                                                                                       | 79.1                           | 2009                       | 0.7           |
| BX77                                                                                       | 80.4                           | 2042                       | 0.7           |
| BX78                                                                                       | 81.3                           | 2065                       | 0.7           |
| BX79                                                                                       | 82.3                           | 2090                       | 0.7           |
| BX80                                                                                       | 83.2                           | 2113                       | 0.8           |
| BX81                                                                                       | 84.2                           | 2139                       | 0.7           |
| BX82                                                                                       | 85.4                           | 2169                       | 0.7           |
| BX83                                                                                       | 86.4                           | 2195                       | 0.7           |
| BX84                                                                                       | 87.2                           | 2215                       | 0.8           |
| BX85                                                                                       | 88.2                           | 2240                       | 0.7           |
| BX86                                                                                       | 89.2                           | 2266                       | 0.8           |
| BX87                                                                                       | 90.4                           | 2296                       | 0.7           |
| BX88                                                                                       | 91.4                           | 2322                       | 0.8           |
| BX89                                                                                       | 92.3                           | 2344                       | 0.7           |
| BX90                                                                                       | 93.3                           | 2370                       | 0.7           |
| BX91                                                                                       | 94.2                           | 2393                       | 0.7           |
| BX92                                                                                       | 95.2                           | 2418                       | 0.9           |
| BX93                                                                                       | 96.3                           | 2446                       | 0.9           |
| BX94                                                                                       | 97.4                           | 2474                       | 0.9           |
| BX95                                                                                       | 98.3                           | 2497                       | 0.9           |
| BX96                                                                                       | 99.2                           | 2520                       | 0.8           |

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BX97                                                                                       | 100.2                          | 2545                       | 0.8           |
| BX98                                                                                       | 101                            | 2565                       | 0.8           |
| BX99                                                                                       | 102.4                          | 2601                       | 0.9           |
| BX100                                                                                      | 103.3                          | 2624                       | 0.9           |
| BX101                                                                                      | 103.3                          | 2624                       | 0.9           |
| BX103                                                                                      | 106                            | 2692                       | 0.8           |
| BX105                                                                                      | 108.1                          | 2746                       | 1.0           |
| BX106                                                                                      | 109.3                          | 2776                       | 0.8           |
| BX108                                                                                      | 111.3                          | 2827                       | 0.9           |
| BX110                                                                                      | 113.3                          | 2877                       | 1.8           |
| BX112                                                                                      | 115.3                          | 2929                       | 0.9           |
| BX113                                                                                      | 116.1                          | 2949                       | 1.1           |
| BX115                                                                                      | 118.4                          | 3007                       | 0.9           |
| BX116                                                                                      | 119.2                          | 3028                       | 1.1           |
| BX118                                                                                      | 121.3                          | 3081                       | 0.9           |
| BX120                                                                                      | 123.3                          | 3132                       | 1.0           |
| BX123                                                                                      | 126.3                          | 3208                       | 1.0           |
| BX124                                                                                      | 127.3                          | 3233                       | 1.0           |
| BX126                                                                                      | 129.3                          | 3284                       | 1.0           |
| BX128                                                                                      | 131.3                          | 3335                       | 1.0           |
| BX130                                                                                      | 133.3                          | 3386                       | 1.0           |
| BX133                                                                                      | 136.3                          | 3462                       | 1.1           |
| BX136                                                                                      | 139.3                          | 3538                       | 1.1           |
| BX140                                                                                      | 143.3                          | 3640                       | 1.1           |
| BX144                                                                                      | 147.3                          | 3741                       | 1.1           |
| BX148                                                                                      | 151.3                          | 3843                       | 1.2           |
| BX150                                                                                      | 153.3                          | 3894                       | 1.2           |
| BX151                                                                                      | 154.3                          | 3919                       | 1.2           |
| BX154                                                                                      | 157.3                          | 3995                       | 1.2           |
| BX156                                                                                      | 159.3                          | 4046                       | 1.2           |
| BX158                                                                                      | 161.3                          | 4097                       | 1.2           |
| BX162                                                                                      | 165.3                          | 4199                       | 1.3           |
| BX169                                                                                      | 172.3                          | 4376                       | 1.3           |

# Gold-Ribbon® Cog-Belt®

## V-Belt

### Gold-Ribbon® Cog-Belt® Part Numbers

Part Number Example: **CX120** =

**C**      **X**      **120**  
 ↓      ↓      ↓  
 Cross    Cogged    Inside  
 Section   Construction   Circumference  
                                          (inches)

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BX173                                                                                      | 176.3                          | 4478                       | 1.4           |
| BX180                                                                                      | 183.3                          | 4656                       | 1.4           |
| BX191                                                                                      | 194.3                          | 4935                       | 1.5           |
| BX195                                                                                      | 198.3                          | 5037                       | 1.5           |
| <b>CX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b>   |                                |                            |               |
| CX47                                                                                       | 51.6                           | 1311                       | 0.7           |
| CX49                                                                                       | 53.6                           | 1361                       | 0.7           |
| CX51                                                                                       | 55.6                           | 1412                       | 0.8           |
| CX52                                                                                       | 56.6                           | 1438                       | 0.8           |
| CX55                                                                                       | 59.6                           | 1514                       | 0.8           |
| CX60                                                                                       | 64.6                           | 1641                       | 0.9           |
| CX61                                                                                       | 65.6                           | 1666                       | 0.9           |
| CX62                                                                                       | 66.6                           | 1692                       | 0.9           |
| CX65                                                                                       | 69.6                           | 1768                       | 0.9           |
| CX66                                                                                       | 70.6                           | 1793                       | 1.0           |
| CX68                                                                                       | 72.6                           | 1844                       | 1.0           |
| CX71                                                                                       | 75.6                           | 1920                       | 1.0           |
| CX72                                                                                       | 76.6                           | 1946                       | 1.1           |
| CX75                                                                                       | 79.6                           | 2022                       | 1.1           |
| CX78                                                                                       | 82.6                           | 2098                       | 1.1           |
| CX79                                                                                       | 83.6                           | 2123                       | 1.1           |
| CX81                                                                                       | 85.6                           | 2174                       | 1.2           |
| CX85                                                                                       | 89.6                           | 2276                       | 1.2           |
| CX90                                                                                       | 94.6                           | 2403                       | 1.3           |
| CX96                                                                                       | 100.6                          | 2555                       | 1.4           |
| CX98                                                                                       | 102.6                          | 2606                       | 1.4           |
| CX100                                                                                      | 104.6                          | 2657                       | 1.5           |
| CX101                                                                                      | 105.6                          | 2682                       | 1.5           |
| CX103                                                                                      | 107.6                          | 2733                       | 1.5           |
| CX105                                                                                      | 109.6                          | 2784                       | 1.5           |
| CX106                                                                                      | 110.6                          | 2809                       | 1.5           |
| CX109                                                                                      | 113.6                          | 2885                       | 1.6           |

| Part Number                                                                              | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>CX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                                |                            |               |
| CX111                                                                                    | 115.6                          | 2936                       | 1.6           |
| CX112                                                                                    | 116.6                          | 2962                       | 1.6           |
| CX114                                                                                    | 118.6                          | 3012                       | 1.6           |
| CX115                                                                                    | 119.6                          | 3038                       | 1.7           |
| CX120                                                                                    | 124.6                          | 3165                       | 1.7           |
| CX124                                                                                    | 128.6                          | 3266                       | 1.8           |
| CX128                                                                                    | 132.6                          | 3368                       | 1.8           |
| CX133                                                                                    | 137.6                          | 3495                       | 1.9           |
| CX136                                                                                    | 140.6                          | 3571                       | 1.9           |
| CX144                                                                                    | 148.6                          | 3774                       | 2.1           |
| CX148                                                                                    | 152.6                          | 3876                       | 2.1           |
| CX150                                                                                    | 154.6                          | 3927                       | 2.1           |
| CX158                                                                                    | 162.6                          | 4130                       | 2.3           |
| CX162                                                                                    | 166.6                          | 4232                       | 2.3           |
| CX173                                                                                    | 177.6                          | 4511                       | 2.5           |
| CX180                                                                                    | 184.6                          | 4689                       | 2.6           |
| CX187                                                                                    | 191.6                          | 4867                       | 2.6           |
| CX190                                                                                    | 194.6                          | 4943                       | 2.6           |
| CX195                                                                                    | 199.6                          | 5070                       | 2.8           |
| <b>DX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                                |                            |               |
| DX71                                                                                     | 76.3                           | 1938                       | 2.2           |
| DX100                                                                                    | 105.5                          | 2680                       | 3.0           |
| DX120                                                                                    | 125.5                          | 3188                       | 4.3           |
| DX128                                                                                    | 133.5                          | 3391                       | 3.7           |
| DX144                                                                                    | 149.5                          | 3797                       | 4.2           |
| DX158                                                                                    | 163.5                          | 4153                       | 4.6           |
| DX162                                                                                    | 167.5                          | 4255                       | 4.7           |
| DX173                                                                                    | 178.5                          | 4534                       | 5.0           |
| DX180                                                                                    | 185.5                          | 4712                       | 5.2           |
| DX195                                                                                    | 200.5                          | 5093                       | 5.6           |

# Gold-Ribbon® Cog-Band® Banded Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Precision Molded Cogs**  
Superior flexibility with reduced bending stress helps dissipate heat providing significantly longer belt life. Allows use of smaller pulley diameters. A cost and space saver.

**3 Raw Edge Sidewalls**  
Produces a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

**4 EPDM**  
Ethylene Propylene Diene Monomer (EPDM) is a synthetic rubber that is durable and resistant to heat, oil, hardening and glazing. EPDM has superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

**5 Reinforced Tie-Band**  
Highly engineered tie-band permanently bonds or “ties” multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

**Recommended Pulleys:**  
Conventional – QD, Taper Bushed, or MST (A-B, C)

Banded version of  
Gold-Ribbon Cog-Belt

Minimizes belt  
whip and turnover

EPDM raw edge  
construction

Long belt life

High horsepower

Static dissipating

Applications:

Blowers  
Fans  
Pumps  
& More

Synchronous Belts

V- Belts

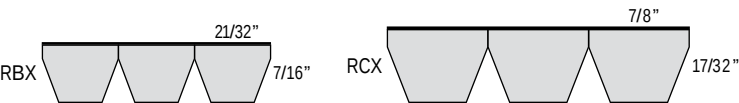
Specialty Belts

Tools

General Information

# Gold-Ribbon® Cog-Band®

## Banded Belt



The banded version of the Gold-Ribbon Cog-Belt. Two or more belts are permanently joined together at the top with a reinforced tie-band. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.

This banded version of “The Energy Saver” combines the longer life and superior performance of the Gold-Ribbon® Cog-Belt® with the stability of a banded belt.

The unique construction features Ethylene Propylene Diene Monomer (EPDM), with the superior flexing of precision molded cogs and the tenacious gripping power of raw edge sidewalls to provide significantly longer belt life, improved efficiency and higher horsepower ratings than wrapped banded belts.

EPDM is static conductive, durable, and resistant to heat, hardening, and glazing.

Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.

For complete part number, add a hyphen followed by the number of ribs required. For example: RBX100-3.

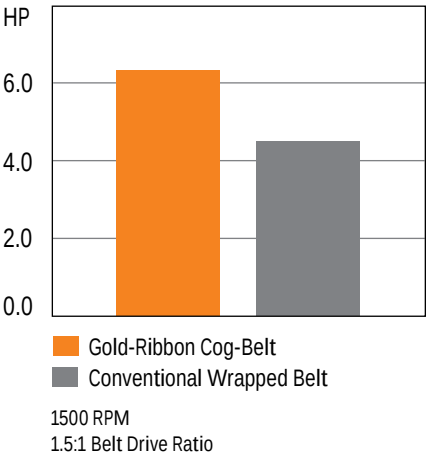


| Product Type and Length Code  | Match Limit |
|-------------------------------|-------------|
| <b>Gold-Ribbon® Cog-Band®</b> |             |
| RBX51 – RBX61                 | 1           |
| RBX62 – RBX144                | 2           |
| RBX158 and longer             | 3           |
| RCX68 – RCX144                | 2           |
| RCX158 and longer             | 3           |
| RDX120 – RDX144               | 2           |
| RDX158 and longer             | 3           |

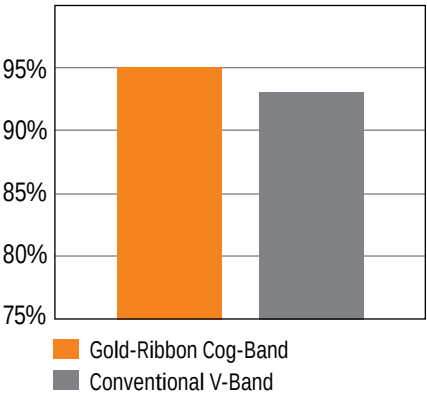
### Gold-Ribbon Cog-Band Matching Limits

Matching limits for the Gold-Ribbon Cog-Band are shown in the table above. If the match limit is 1, the bands must all have the same matching code or “sag” number. If the match limit is 2, a matched set may consist of any 2 adjacent matching codes or “sag” numbers, etc.

### Horsepower Rating Comparison



### Energy Efficiency Comparison





# Gold-Ribbon® Cog-Band®

## Banded Belts

### Gold-Ribbon® Cog-Band® Part Numbers

| Part Number                                                                                        | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|----------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>RBX – Banded BX Section; Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |                       |
| RBX37                                                                                              | 41                             | 1041                       | 0.9                   |
| RBX51                                                                                              | 55                             | 1397                       | 1.3                   |
| RBX53                                                                                              | 57                             | 1448                       | 1.3                   |
| RBX55                                                                                              | 59                             | 1499                       | 1.4                   |
| RBX56                                                                                              | 60                             | 1524                       | 1.4                   |
| RBX58                                                                                              | 62                             | 1575                       | 1.4                   |
| RBX59                                                                                              | 63                             | 1600                       | 1.4                   |
| RBX60                                                                                              | 64                             | 1626                       | 1.5                   |
| RBX61                                                                                              | 65                             | 1651                       | 1.5                   |
| RBX62                                                                                              | 66                             | 1676                       | 1.5                   |
| RBX63                                                                                              | 67                             | 1702                       | 1.5                   |
| RBX64                                                                                              | 68                             | 1727                       | 1.6                   |
| RBX65                                                                                              | 69                             | 1753                       | 1.6                   |
| RBX66                                                                                              | 70                             | 1778                       | 1.6                   |
| RBX67                                                                                              | 71                             | 1803                       | 1.6                   |
| RBX68                                                                                              | 72                             | 1829                       | 1.7                   |
| RBX70                                                                                              | 74                             | 1880                       | 1.7                   |
| RBX71                                                                                              | 75                             | 1905                       | 1.7                   |
| RBX73                                                                                              | 77                             | 1956                       | 1.8                   |
| RBX75                                                                                              | 79                             | 2007                       | 1.8                   |
| RBX77                                                                                              | 81                             | 2057                       | 1.9                   |
| RBX78                                                                                              | 82                             | 2083                       | 1.9                   |
| RBX79                                                                                              | 83                             | 2108                       | 1.9                   |
| RBX80                                                                                              | 84                             | 2134                       | 2.0                   |
| RBX81                                                                                              | 85                             | 2159                       | 2.0                   |
| RBX83                                                                                              | 87                             | 2210                       | 2.0                   |
| RBX85                                                                                              | 89                             | 2261                       | 2.1                   |
| RBX90                                                                                              | 94                             | 2388                       | 2.2                   |
| RBX93                                                                                              | 97                             | 2464                       | 2.3                   |
| RBX95                                                                                              | 99                             | 2515                       | 2.3                   |
| RBX97                                                                                              | 101                            | 2565                       | 2.4                   |
| RBX100                                                                                             | 104                            | 2642                       | 2.4                   |

Part Number Example: **RBX100 =**

**R**      **B**      **X**      **100**      **3**  
 Banded    Cross    Cogged    Inside Circumference    Number  
 Construction    Section    Construction    (inches)    of Ribs

| Part Number                                                                                        | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|----------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| <b>RBX – Banded BX Section; Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |                       |
| RBX102                                                                                             | 106                            | 2692                       | 2.5                   |
| RBX103                                                                                             | 107                            | 2718                       | 2.5                   |
| RBX105                                                                                             | 109                            | 2769                       | 2.6                   |
| RBX108                                                                                             | 112                            | 2845                       | 2.6                   |
| RBX110                                                                                             | 114                            | 2896                       | 4.0                   |
| RBX112                                                                                             | 116                            | 2946                       | 2.7                   |
| RBX116                                                                                             | 120                            | 3048                       | 2.8                   |
| RBX120                                                                                             | 124                            | 3150                       | 2.9                   |
| RBX128                                                                                             | 132                            | 3353                       | 3.1                   |
| RBX136                                                                                             | 140                            | 3556                       | 3.3                   |
| RBX144                                                                                             | 148                            | 3759                       | 3.5                   |
| RBX158                                                                                             | 161.3                          | 4097                       | 3.8                   |
| RBX160                                                                                             | 163.3                          | 4148                       | 3.9                   |
| RBX173                                                                                             | 176.3                          | 4478                       | 4.2                   |
| RBX180                                                                                             | 183.3                          | 4656                       | 4.4                   |
| RBX195                                                                                             | 198.3                          | 5037                       | 4.7                   |
| <b>RCX – Banded CX Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (C)</b>    |                                |                            |                       |
| RCX68                                                                                              | 73.3                           | 1862                       | 2.8                   |
| RCX75                                                                                              | 80.3                           | 2040                       | 3.0                   |
| RCX78                                                                                              | 83.3                           | 2116                       | 3.1                   |
| RCX81                                                                                              | 86.3                           | 2192                       | 3.3                   |
| RCX85                                                                                              | 90.3                           | 2294                       | 3.4                   |
| RCX90                                                                                              | 94.9                           | 2411                       | 3.6                   |
| RCX96                                                                                              | 100.9                          | 2563                       | 3.8                   |
| RCX105                                                                                             | 109.9                          | 2792                       | 4.2                   |
| RCX112                                                                                             | 116.9                          | 2969                       | 4.5                   |
| RCX120                                                                                             | 124.9                          | 3173                       | 4.8                   |
| RCX128                                                                                             | 132.9                          | 3376                       | 5.1                   |
| RCX131                                                                                             | 135.9                          | 3452                       | 5.2                   |
| RCX136                                                                                             | 140.9                          | 3579                       | 5.4                   |
| RCX137                                                                                             | 141.9                          | 3604                       | 5.5                   |

# Gold-Ribbon® Cog-Band®

## Banded Belts

### Gold-Ribbon® Cog-Band® Part Numbers

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|-----------------------|
| RCX – Banded CX Section Recommended Pulleys:<br>Conventional – OD, Taper Bushed, or MST (C) |                                |                            |                       |
| RCX144                                                                                      | 148.9                          | 3782                       | 5.7                   |
| RCX158                                                                                      | 162.9                          | 4138                       | 6.3                   |
| RCX162                                                                                      | 166.9                          | 4239                       | 6.5                   |
| RCX173                                                                                      | 177.9                          | 4519                       | 6.9                   |
| RCX180                                                                                      | 184.9                          | 4697                       | 7.2                   |
| RCX190                                                                                      | 194.9                          | 4951                       | 7.6                   |
| RCX195                                                                                      | 199.9                          | 5078                       | 7.8                   |

Part Number Example: **RCX190-3** =

R

C

X

190

-

3

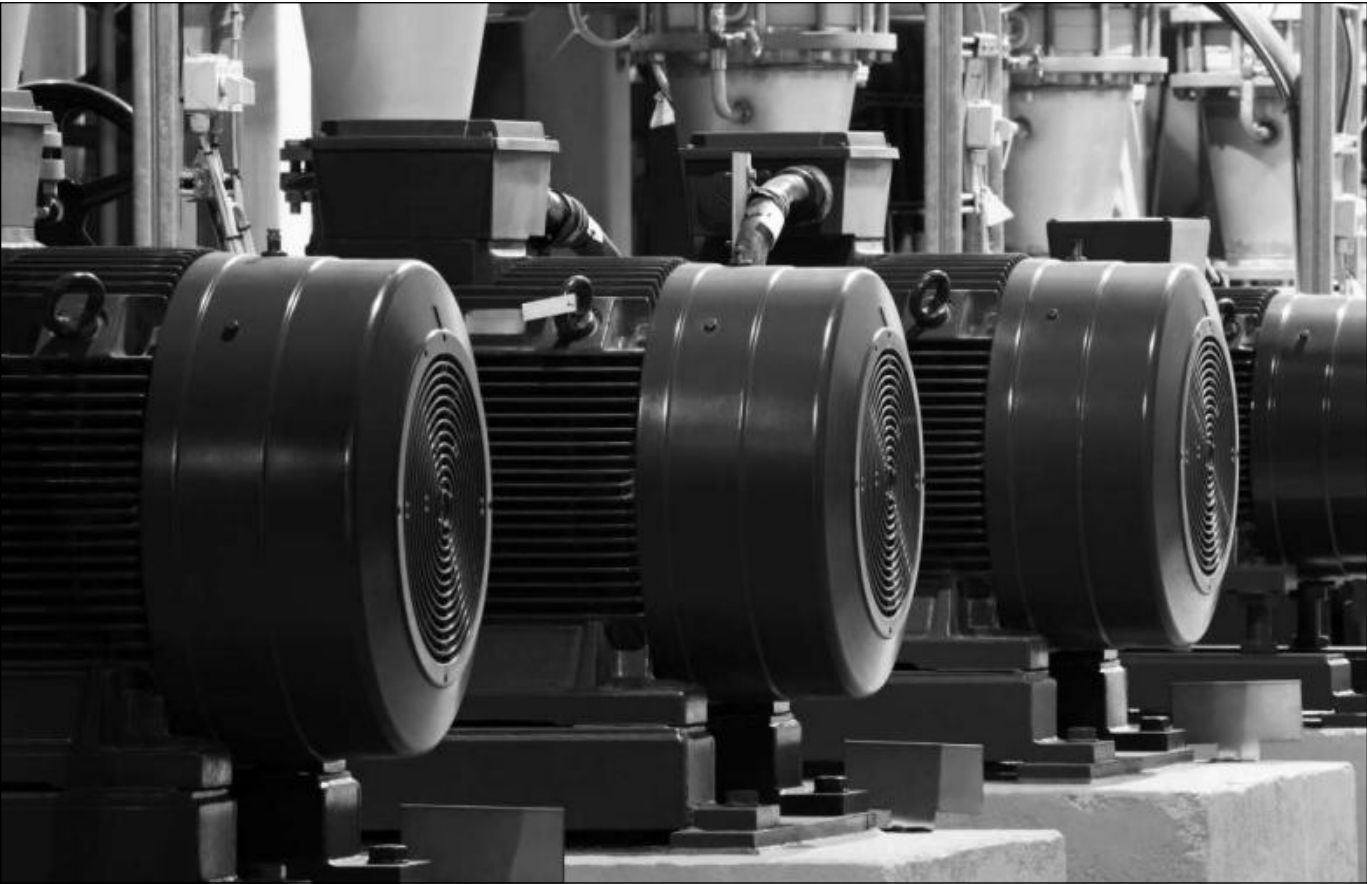
Banded Construction

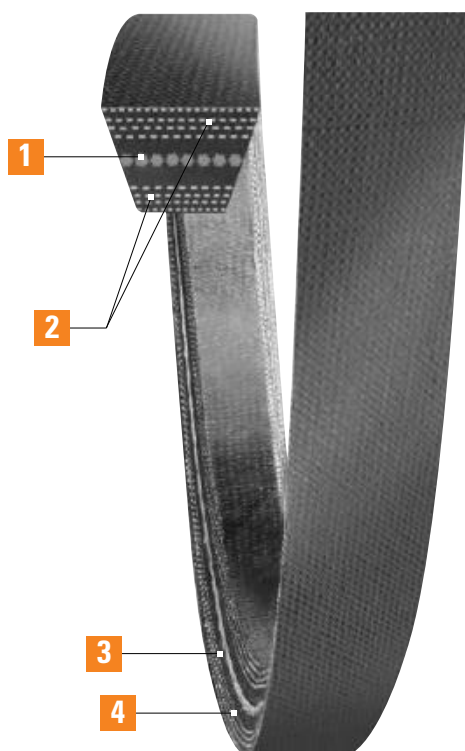
Cross Section

Cogged Construction

Inside Circumference (inches)

Number of Ribs





**1 Oversized Polyester Cord**  
High-modulus cord located in the belt mid-section is specially treated to withstand extreme belt loads and shock without stretching. The central position contributes to greater flexibility and stability.

**2 Premium Fabric**  
Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility.

**3 Raw Edge Sidewalls**  
Produces a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

**4 EPDM Construction**  
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

**Recommended Sheaves:**  
Conventional – QD, Taper Bushed, or MST (A-B, C)

## The “Problem Solver”

For classical v-belt applications

Unique CNA design

Flexible

Stable

Static conductive

Energy efficient

Resistant to hardening and glazing

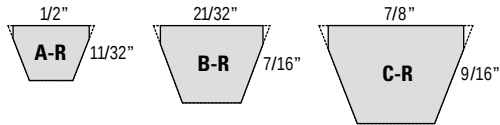
Broad operating temperature range

**chekmate®**

## Applications:

Shaker screens  
Debarkers  
HVAC  
Industrial washers and dryers  
& More

# Super II® V-Belt



**The Problem Solver! Super II v-belts are the solution to the constant and costly problem of replacing ordinary v-belts on troublesome drives.**

Classical laminated raw edge v-belt made of Ethylene Propylene Diene Monomer (EPDM) with Central Neutral Axis (CNA) cord placement that creates a flexible, stable and efficient v-belt.

Specially formulated fiber-loaded EPDM rubber compounds, engineered fabrics and high-modulus polyester cord offer greater strength, longer life, better heat dissipation and higher efficiencies than best-in-class wrapped v-belts.

EPDM is durable, heat resistant, static conductive and resistant to hardening and glazing. The unique CNA (central neutral axis) cord placement positions the strength of the belt lower on the pulleys to maintain stability and prevent roll-over. The raw edge construction results in more efficient power transmission and reduced energy loss.

Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility. The quantity of fabric plies varies per cross section, with an equal number of plies above and below the cord.

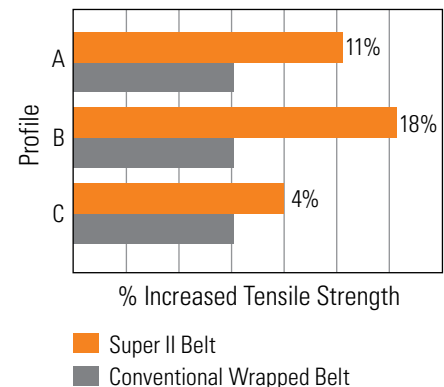


## Look what the Super II® v-belt has to offer:

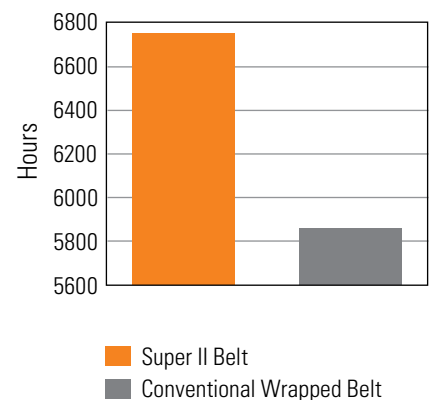
- High performance alternative to wrapped v-belts
- Unique design for long belt life
- Grip with controlled slippage
- Low maintenance and downtime
- More energy efficient than wrapped v-belts
- Static conductive
- Resistant to hardening and glazing
- Broad operating temperature range (-50°F to +250°F)

Don't take our word for it! Compare Super II to the belt you are now using on your heavy torque, high horsepower and extreme shock-load applications.

## Tensile Strength



## Accelerated Life Test (Laboratory)



## Super II® V-Belt Part Numbers

Part Number Example: **A50R** = **A** **50** **R**  
Cross Section      Inside Circumference (inches)      Raw Edge Construction

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| A21R                                                                                        | 23.2                           | 589                        | 0.2           |
| A22R                                                                                        | 24.1                           | 612                        | 0.2           |
| A23R                                                                                        | 25.3                           | 643                        | 0.2           |
| A24R                                                                                        | 26.3                           | 668                        | 0.2           |
| A25R                                                                                        | 27.2                           | 691                        | 0.2           |
| A26R                                                                                        | 28.2                           | 716                        | 0.2           |
| A27R                                                                                        | 29.1                           | 739                        | 0.2           |
| A28R                                                                                        | 30.4                           | 772                        | 0.2           |
| A29R                                                                                        | 31.3                           | 795                        | 0.2           |
| A30R                                                                                        | 32.2                           | 818                        | 0.2           |
| A31R                                                                                        | 33.2                           | 843                        | 0.2           |
| A32R                                                                                        | 34.4                           | 874                        | 0.2           |
| A33R                                                                                        | 35.4                           | 899                        | 0.2           |
| A34R                                                                                        | 36.3                           | 922                        | 0.2           |
| A35R                                                                                        | 37.3                           | 947                        | 0.2           |
| A36R                                                                                        | 38.2                           | 970                        | 0.3           |
| A37R                                                                                        | 39.3                           | 998                        | 0.3           |
| A38R                                                                                        | 40.5                           | 1029                       | 0.3           |
| A39R                                                                                        | 41.3                           | 1049                       | 0.3           |
| A40R                                                                                        | 42.3                           | 1074                       | 0.3           |
| A41R                                                                                        | 43.2                           | 1097                       | 0.3           |
| A42R                                                                                        | 44.3                           | 1125                       | 0.3           |
| A43R                                                                                        | 45.4                           | 1153                       | 0.3           |
| A44R                                                                                        | 46.4                           | 1179                       | 0.3           |
| A45R                                                                                        | 47.3                           | 1201                       | 0.3           |
| A46R                                                                                        | 48.2                           | 1224                       | 0.3           |
| A47R                                                                                        | 49.2                           | 1250                       | 0.3           |
| A48R                                                                                        | 50.5                           | 1283                       | 0.3           |
| A49R                                                                                        | 51.4                           | 1306                       | 0.3           |
| A50R                                                                                        | 52.3                           | 1328                       | 0.3           |
| A51R                                                                                        | 53.3                           | 1354                       | 0.4           |
| A52R                                                                                        | 54.2                           | 1377                       | 0.4           |
| A53R                                                                                        | 55.4                           | 1407                       | 0.4           |

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| A54R                                                                                        | 56.4                           | 1433                       | 0.4           |
| A55R                                                                                        | 57.3                           | 1455                       | 0.4           |
| A56R                                                                                        | 58.2                           | 1478                       | 0.4           |
| A57R                                                                                        | 59.2                           | 1504                       | 0.4           |
| A58R                                                                                        | 60.4                           | 1534                       | 0.4           |
| A59R                                                                                        | 61.4                           | 1560                       | 0.4           |
| A60R                                                                                        | 62.3                           | 1582                       | 0.4           |
| A61R                                                                                        | 63.3                           | 1608                       | 0.4           |
| A62R                                                                                        | 64.2                           | 1631                       | 0.4           |
| A63R                                                                                        | 65.2                           | 1656                       | 0.4           |
| A64R                                                                                        | 66.5                           | 1689                       | 0.4           |
| A65R                                                                                        | 67.3                           | 1709                       | 0.5           |
| A66R                                                                                        | 68.3                           | 1735                       | 0.5           |
| A67R                                                                                        | 69.2                           | 1758                       | 0.5           |
| A68R                                                                                        | 70.5                           | 1791                       | 0.5           |
| A69R                                                                                        | 71.4                           | 1814                       | 0.5           |
| A70R                                                                                        | 72.4                           | 1839                       | 0.5           |
| A71R                                                                                        | 73.3                           | 1862                       | 0.5           |
| A72R                                                                                        | 74.2                           | 1885                       | 0.5           |
| A73R                                                                                        | 75.4                           | 1915                       | 0.5           |
| A74R                                                                                        | 76.4                           | 1941                       | 0.5           |
| A75R                                                                                        | 77.1                           | 1958                       | 0.5           |
| A76R                                                                                        | 78.3                           | 1989                       | 0.5           |
| A77R                                                                                        | 79.2                           | 2012                       | 0.5           |
| A78R                                                                                        | 80.1                           | 2035                       | 0.5           |
| A79R                                                                                        | 81.5                           | 2070                       | 0.5           |
| A80R                                                                                        | 82.3                           | 2090                       | 0.5           |
| A81R                                                                                        | 83.3                           | 2116                       | 0.6           |
| A82R                                                                                        | 84.3                           | 2141                       | 0.6           |
| A83R                                                                                        | 85.1                           | 2162                       | 0.6           |
| A84R                                                                                        | 86.4                           | 2195                       | 0.6           |
| A85R                                                                                        | 87.4                           | 2220                       | 0.6           |
| A86R                                                                                        | 88.3                           | 2243                       | 0.6           |

# Super II® V-Belt

## Super II® V-Belt Part Numbers

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| A87R                                                                                        | 89.3                           | 2268                       | 0.6           |
| A88R                                                                                        | 90.2                           | 2291                       | 0.6           |
| A89R                                                                                        | 91.4                           | 2322                       | 0.6           |
| A90R                                                                                        | 92                             | 2337                       | 0.6           |
| A91R                                                                                        | 93.4                           | 2372                       | 0.6           |
| A92R                                                                                        | 94.3                           | 2395                       | 0.6           |
| A93R                                                                                        | 95.3                           | 2421                       | 0.6           |
| A94R                                                                                        | 96.4                           | 2449                       | 0.6           |
| A95R                                                                                        | 97.4                           | 2474                       | 0.7           |
| A96R                                                                                        | 98.4                           | 2499                       | 0.7           |
| A97R                                                                                        | 99.2                           | 2520                       | 0.7           |
| A98R                                                                                        | 100.2                          | 2545                       | 0.7           |
| A100R                                                                                       | 102.4                          | 2601                       | 0.7           |
| A103R                                                                                       | 105.2                          | 2672                       | 0.7           |
| A105R                                                                                       | 107.2                          | 2723                       | 0.7           |
| A110R                                                                                       | 112.1                          | 2847                       | 0.8           |
| A112R                                                                                       | 114.2                          | 2901                       | 0.8           |
| A120R                                                                                       | 122.2                          | 3104                       | 0.8           |
| A128R                                                                                       | 130.2                          | 3307                       | 0.9           |
| A136R                                                                                       | 138.2                          | 3510                       | 0.9           |
| A144R                                                                                       | 146.2                          | 3714                       | 1.0           |
| A158R                                                                                       | 160.2                          | 4069                       | 1.1           |
| A173R                                                                                       | 175.2                          | 4450                       | 1.2           |
| A180R                                                                                       | 182.2                          | 4628                       | 1.2           |
| <b>B-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| B24R                                                                                        | 27.3                           | 693                        | 0.3           |
| B26R                                                                                        | 28.9                           | 734                        | 0.3           |
| B27R                                                                                        | 30.1                           | 765                        | 0.3           |
| B28R                                                                                        | 31                             | 787                        | 0.3           |
| B29R                                                                                        | 32                             | 813                        | 0.3           |
| B30R                                                                                        | 33.3                           | 846                        | 0.3           |

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| B31R                                                                                        | 34.2                           | 869                        | 0.4           |
| B32R                                                                                        | 35.2                           | 894                        | 0.4           |
| B33R                                                                                        | 36.1                           | 917                        | 0.4           |
| B34R                                                                                        | 37                             | 940                        | 0.4           |
| B35R                                                                                        | 38.1                           | 968                        | 0.4           |
| B36R                                                                                        | 39.1                           | 993                        | 0.4           |
| B37R                                                                                        | 40.2                           | 1021                       | 0.4           |
| B38R                                                                                        | 41.1                           | 1044                       | 0.4           |
| B39R                                                                                        | 42.1                           | 1069                       | 0.4           |
| B40R                                                                                        | 43                             | 1092                       | 0.5           |
| B41R                                                                                        | 43.9                           | 1115                       | 0.5           |
| B42R                                                                                        | 45.2                           | 1148                       | 0.5           |
| B43R                                                                                        | 46.1                           | 1171                       | 0.5           |
| B44R                                                                                        | 47.1                           | 1196                       | 0.5           |
| B45R                                                                                        | 48                             | 1219                       | 0.5           |
| B46R                                                                                        | 49                             | 1245                       | 0.5           |
| B47R                                                                                        | 50.2                           | 1275                       | 0.5           |
| B48R                                                                                        | 51.2                           | 1301                       | 0.5           |
| B49R                                                                                        | 52.1                           | 1323                       | 0.5           |
| B50R                                                                                        | 53                             | 1346                       | 0.6           |
| B51R                                                                                        | 54.1                           | 1374                       | 0.6           |
| B52R                                                                                        | 54.9                           | 1395                       | 0.6           |
| B53R                                                                                        | 56.2                           | 1428                       | 0.6           |
| B54R                                                                                        | 57.1                           | 1450                       | 0.6           |
| B55R                                                                                        | 58.1                           | 1476                       | 0.6           |
| B56R                                                                                        | 59                             | 1499                       | 0.6           |
| B57R                                                                                        | 60                             | 1524                       | 0.6           |
| B58R                                                                                        | 60.9                           | 1547                       | 0.6           |
| B59R                                                                                        | 62.2                           | 1580                       | 0.7           |
| B60R                                                                                        | 63.1                           | 1603                       | 0.7           |
| B61R                                                                                        | 64                             | 1626                       | 0.7           |
| B62R                                                                                        | 65                             | 1651                       | 0.7           |

Part Number Example: **B70R** = **B** **70** **R**  
Cross Section      Inside Circumference (inches)      Raw Edge Construction

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| B63R                                                                                        | 65.9                           | 1674                       | 0.7           |
| B64R                                                                                        | 67.2                           | 1707                       | 0.7           |
| B65R                                                                                        | 68.1                           | 1730                       | 0.7           |
| B66R                                                                                        | 69.1                           | 1755                       | 0.7           |
| B67R                                                                                        | 70                             | 1778                       | 0.7           |
| B68R                                                                                        | 70.9                           | 1801                       | 0.7           |
| B69R                                                                                        | 71.9                           | 1826                       | 0.7           |
| B70R                                                                                        | 73.1                           | 1857                       | 0.8           |
| B71R                                                                                        | 74.1                           | 1882                       | 0.8           |
| B72R                                                                                        | 75                             | 1905                       | 0.8           |
| B73R                                                                                        | 76                             | 1930                       | 0.8           |
| B74R                                                                                        | 76.9                           | 1953                       | 0.8           |
| B75R                                                                                        | 77.9                           | 1979                       | 0.8           |
| B76R                                                                                        | 79.1                           | 2009                       | 0.8           |
| B77R                                                                                        | 80.1                           | 2035                       | 0.9           |
| B78R                                                                                        | 81                             | 2057                       | 0.9           |
| B79R                                                                                        | 81.9                           | 2080                       | 0.8           |
| B80R                                                                                        | 83.1                           | 2111                       | 0.9           |
| B81R                                                                                        | 83.8                           | 2129                       | 0.9           |
| B82R                                                                                        | 85.3                           | 2167                       | 0.9           |
| B83R                                                                                        | 86.2                           | 2190                       | 0.9           |
| B84R                                                                                        | 87.1                           | 2212                       | 0.9           |
| B85R                                                                                        | 88.1                           | 2238                       | 0.9           |
| B86R                                                                                        | 89                             | 2261                       | 1.0           |
| B87R                                                                                        | 90.3                           | 2294                       | 1.0           |
| B88R                                                                                        | 91.2                           | 2317                       | 1.0           |
| B89R                                                                                        | 92.2                           | 2342                       | 1.0           |
| B90R                                                                                        | 93.1                           | 2365                       | 1.0           |
| B91R                                                                                        | 94.1                           | 2390                       | 1.0           |
| B92R                                                                                        | 95                             | 2413                       | 1.0           |
| B93R                                                                                        | 95.9                           | 2436                       | 1.0           |
| B94R                                                                                        | 97.2                           | 2469                       | 1.0           |
| B95R                                                                                        | 98.1                           | 2492                       | 1.0           |

| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| B96R                                                                                        | 99.4                           | 2525                       | 1.1           |
| B97R                                                                                        | 100                            | 2540                       | 1.1           |
| B98R                                                                                        | 101                            | 2565                       | 1.1           |
| B99R                                                                                        | 102.2                          | 2596                       | 1.1           |
| B100R                                                                                       | 103                            | 2616                       | 1.1           |
| B101R                                                                                       | 104.1                          | 2644                       | 1.1           |
| B103R                                                                                       | 106.3                          | 2700                       | 1.1           |
| B105R                                                                                       | 108.2                          | 2748                       | 1.2           |
| B106R                                                                                       | 109.1                          | 2771                       | 1.2           |
| B108R                                                                                       | 111                            | 2819                       | 1.2           |
| B112R                                                                                       | 115                            | 2921                       | 1.2           |
| B115R                                                                                       | 117.9                          | 2995                       | 1.3           |
| B116R                                                                                       | 119.2                          | 3028                       | 1.3           |
| B118R                                                                                       | 121                            | 3073                       | 1.3           |
| B120R                                                                                       | 123.1                          | 3127                       | 1.3           |
| B123R                                                                                       | 126.1                          | 3203                       | 1.4           |
| B124R                                                                                       | 127.1                          | 3228                       | 1.4           |
| B126R                                                                                       | 129.1                          | 3279                       | 1.4           |
| B128R                                                                                       | 131.1                          | 3330                       | 1.4           |
| B130R                                                                                       | 133.1                          | 3381                       | 1.4           |
| B133R                                                                                       | 136.1                          | 3457                       | 1.5           |
| B136R                                                                                       | 139.1                          | 3533                       | 1.5           |
| B140R                                                                                       | 143.1                          | 3635                       | 1.5           |
| B142R                                                                                       | 145.1                          | 3686                       | 1.6           |
| B143R                                                                                       | 146.1                          | 3711                       | 1.6           |
| B144R                                                                                       | 147.1                          | 3736                       | 1.6           |
| B148R                                                                                       | 151.1                          | 3838                       | 1.6           |
| B150R                                                                                       | 153.1                          | 3889                       | 1.6           |
| B154R                                                                                       | 157.1                          | 3990                       | 1.7           |
| B156R                                                                                       | 159.1                          | 4041                       | 1.7           |
| B158R                                                                                       | 161.1                          | 4092                       | 1.7           |
| B162R                                                                                       | 165.1                          | 4194                       | 1.8           |
| B173R                                                                                       | 176.1                          | 4473                       | 1.9           |



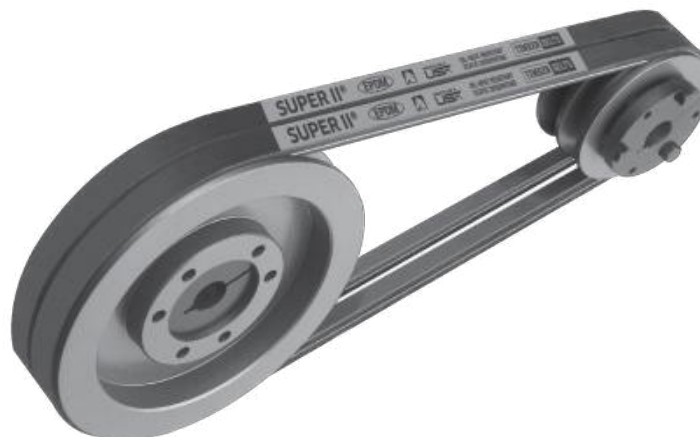
# Super II® V-Belt

## Super II® V-Belt Part Numbers

Part Number Example: **C100R** = **C** **100** **R**  
Cross Section      Inside Circumference (inches)      Raw Edge Construction

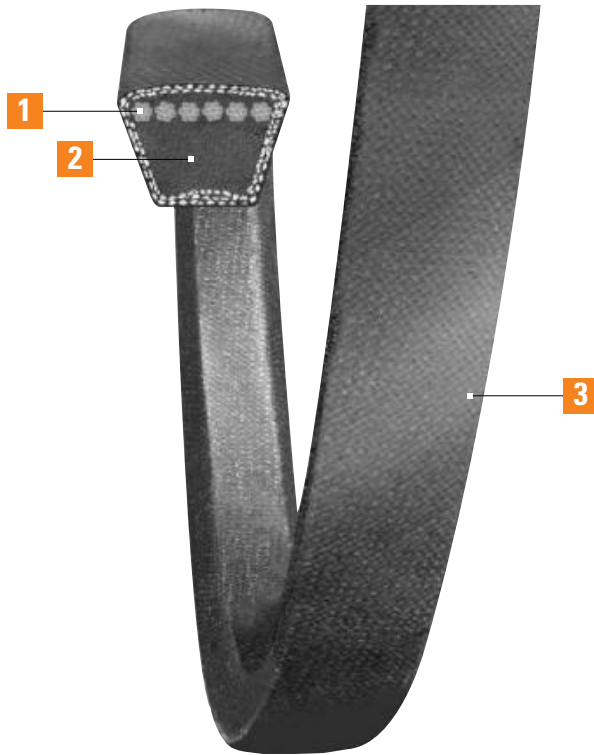
| Part Number                                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| B180R                                                                                       | 183.1                          | 4651                       | 2.0           |
| B188R                                                                                       | 191.1                          | 4854                       | 2.1           |
| B191R                                                                                       | 194.1                          | 4930                       | 2.1           |
| B195R                                                                                       | 198.1                          | 5032                       | 2.1           |
| <b>C-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b>   |                                |                            |               |
| C51R                                                                                        | 55.2                           | 1402                       | 1.1           |
| C55R                                                                                        | 59.3                           | 1506                       | 1.2           |
| C59R                                                                                        | 63                             | 1600                       | 1.2           |
| C60R                                                                                        | 64.3                           | 1633                       | 1.3           |
| C68R                                                                                        | 72.1                           | 1831                       | 1.4           |
| C72R                                                                                        | 76.2                           | 1936                       | 1.5           |
| C75R                                                                                        | 79                             | 2007                       | 1.6           |
| C78R                                                                                        | 82.2                           | 2088                       | 1.6           |
| C81R                                                                                        | 85.3                           | 2167                       | 1.7           |
| C85R                                                                                        | 89.1                           | 2263                       | 1.8           |
| C90R                                                                                        | 94.2                           | 2393                       | 1.9           |
| C93R                                                                                        | 97.2                           | 2469                       | 1.5           |
| C96R                                                                                        | 100.2                          | 2545                       | 2.0           |
| C97R                                                                                        | 101.1                          | 2568                       | 2.0           |
| C100R                                                                                       | 104.3                          | 2649                       | 2.1           |
| C101R                                                                                       | 105.2                          | 2672                       | 2.1           |
| C105R                                                                                       | 109                            | 2769                       | 2.2           |
| C108R                                                                                       | 112.2                          | 2850                       | 1.8           |
| C109R                                                                                       | 113.4                          | 2880                       | 2.2           |
| C111R                                                                                       | 115.3                          | 2929                       | 2.3           |
| C112R                                                                                       | 116.2                          | 2952                       | 2.3           |
| C115R                                                                                       | 119.2                          | 3028                       | 2.4           |
| C120R                                                                                       | 124.2                          | 3155                       | 2.5           |
| C124R                                                                                       | 128.2                          | 3256                       | 2.5           |
| C128R                                                                                       | 132.2                          | 3358                       | 2.6           |
| C136R                                                                                       | 140.2                          | 3561                       | 2.8           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>C-R Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                                |                            |               |
| C144R                                                                                     | 148.2                          | 3764                       | 2.9           |
| C148R                                                                                     | 152.2                          | 3866                       | 3.0           |
| C150R                                                                                     | 154.2                          | 3917                       | 3.1           |
| C152R                                                                                     | 156.2                          | 3968                       | 3.1           |
| C158R                                                                                     | 162.2                          | 4120                       | 3.2           |
| C160R                                                                                     | 164.2                          | 4171                       | 3.3           |
| C162R                                                                                     | 166.2                          | 4222                       | 3.3           |
| C173R                                                                                     | 177.2                          | 4501                       | 3.5           |
| C180R                                                                                     | 184.2                          | 4679                       | 3.7           |
| C195R                                                                                     | 199.2                          | 5060                       | 4.0           |



# Super Blue Ribbon®

## V-Belt



**1 Oversized Polyester Cord**

High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Compression Section**

Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.

**3 Heavy Duty Cover**

Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Sheaves:**

Conventional – QD, Taper Bushed, or MST (A-B, C, D)

Dependable performance on classical v-belt drives

Long life

**chekmate®**

Heavy duty cover

Oil and heat resistant

Smooth running

**Applications:**

Mixers  
Pumps  
Conveyors  
HVAC  
& More

Synchronous Belts

V-Belts

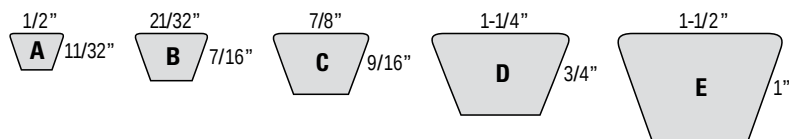
Specialty Belts

Tools

General Information

# Super Blue Ribbon®

## V-Belt

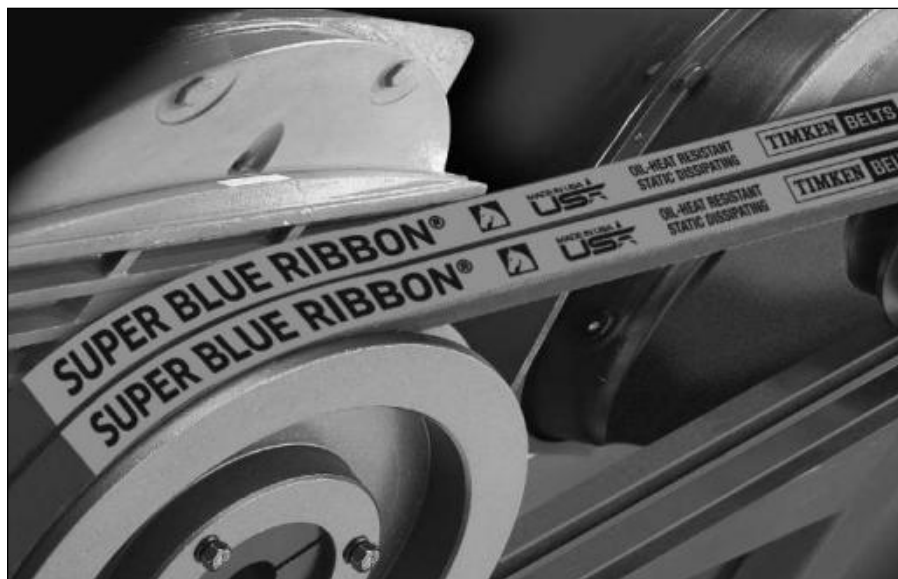


**Premium wrapped molded v-belt built to the highest standards in the industry. Ideal for classical drives with shock loads.**

Super Blue Ribbon v-belts assure dependable length stability and require less re-tensioning and take-up than competitive wrapped belts. The cord is coated with a special compound that produces a secure, long-lasting bond with the surrounding rubber. The heavy-duty stress-relieved fabric cover protects the core and assures a smooth transfer of power. Its extra flexibility permits the belt to bend more easily around the smallest pulleys with less strain on the fabric. Long belt life results in less frequent replacement, less downtime and lower maintenance costs.

Super Blue Ribbon v-belts operate within a wide range of load capacities and speeds – with rated performance from 100 to 8,000 RPM and horsepower capability from 1 to 1,100 horsepower.

Super Blue Ribbon is the ideal choice for dependable performance on an extremely wide range of applications – A, B, C, D, and E cross sections – single or multiple belt drives.



**Note:** Legacy Super Blue Ribbon nomenclature included the letter “P”. The nomenclature was changed to align with industry standards. This catalog includes both legacy part numbers and current part numbers for interchange purposes only.

# Super Blue Ribbon®

## V-Belt

### Super Blue Ribbon® V-Belt Part Numbers

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| A18                                                                                       | AP18               | 20                             | 508                        | 0.1           |
| A19                                                                                       | AP19               | 21                             | 533                        | 0.1           |
| A20                                                                                       | AP20               | 22.3                           | 566                        | 0.1           |
| A21                                                                                       | AP21               | 23.6                           | 599                        | 0.1           |
| A22                                                                                       | AP22               | 24.4                           | 620                        | 0.1           |
| A23                                                                                       | AP23               | 25.5                           | 648                        | 0.2           |
| A24                                                                                       | AP24               | 26.5                           | 673                        | 0.2           |
| A25                                                                                       | AP25               | 27.5                           | 699                        | 0.2           |
| A26                                                                                       | AP26               | 28.6                           | 726                        | 0.2           |
| A27                                                                                       | AP27               | 29.7                           | 754                        | 0.2           |
| A28                                                                                       | AP28               | 30.6                           | 777                        | 0.2           |
| A29                                                                                       | AP29               | 31.5                           | 800                        | 0.2           |
| A30                                                                                       | AP30               | 32.6                           | 828                        | 0.2           |
| A31                                                                                       | AP31               | 33.6                           | 853                        | 0.2           |
| A32                                                                                       | AP32               | 34.5                           | 876                        | 0.2           |
| A33                                                                                       | AP33               | 35.6                           | 904                        | 0.2           |
| A34                                                                                       | AP34               | 36.5                           | 927                        | 0.2           |
| A35                                                                                       | AP35               | 37.6                           | 955                        | 0.2           |
| A36                                                                                       | AP36               | 38.6                           | 980                        | 0.2           |
| A37                                                                                       | AP37               | 39.5                           | 1003                       | 0.2           |
| A38                                                                                       | AP38               | 40.4                           | 1026                       | 0.2           |
| A39                                                                                       | AP39               | 41.6                           | 1057                       | 0.3           |
| A40                                                                                       | AP40               | 42.6                           | 1082                       | 0.3           |
| A41                                                                                       | AP41               | 43.5                           | 1105                       | 0.3           |
| A42                                                                                       | AP42               | 44.5                           | 1130                       | 0.3           |
| A43                                                                                       | AP43               | 45.5                           | 1156                       | 0.3           |
| A44                                                                                       | AP44               | 46.6                           | 1184                       | 0.3           |
| A45                                                                                       | AP45               | 47.4                           | 1204                       | 0.3           |
| A46                                                                                       | AP46               | 48.5                           | 1232                       | 0.3           |
| A47                                                                                       | AP47               | 49.5                           | 1257                       | 0.3           |
| A48                                                                                       | AP48               | 50.5                           | 1283                       | 0.3           |
| A49                                                                                       | AP49               | 51.5                           | 1308                       | 0.3           |
| A50                                                                                       | AP50               | 52.3                           | 1328                       | 0.3           |
| A51                                                                                       | AP51               | 53.6                           | 1361                       | 0.3           |
| A52                                                                                       | AP52               | 54.6                           | 1387                       | 0.3           |
| A53                                                                                       | AP53               | 55.6                           | 1412                       | 0.3           |
| A54                                                                                       | AP54               | 56.6                           | 1438                       | 0.3           |
| A55                                                                                       | AP55               | 57.6                           | 1463                       | 0.4           |

Part Number Example: **A50** = **A** **50**  
↑                      ↑  
Cross Section    Inside Circumference (inches)

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| A56                                                                                       | AP56               | 58.6                           | 1488                       | 0.4           |
| A57                                                                                       | AP57               | 59.5                           | 1511                       | 0.4           |
| A58                                                                                       | AP58               | 60.3                           | 1532                       | 0.4           |
| A59                                                                                       | AP59               | 61.5                           | 1562                       | 0.4           |
| A60                                                                                       | AP60               | 62.5                           | 1588                       | 0.4           |
| A61                                                                                       | AP61               | 63.6                           | 1615                       | 0.4           |
| A62                                                                                       | AP62               | 64.6                           | 1641                       | 0.4           |
| A63                                                                                       | AP63               | 65.6                           | 1666                       | 0.4           |
| A64                                                                                       | AP64               | 66.6                           | 1692                       | 0.4           |
| A65                                                                                       | AP65               | 67.6                           | 1717                       | 0.4           |
| A66                                                                                       | AP66               | 68.5                           | 1740                       | 0.4           |
| A67                                                                                       | AP67               | 69.6                           | 1768                       | 0.4           |
| A68                                                                                       | AP68               | 70.5                           | 1791                       | 0.4           |
| A69                                                                                       | AP69               | 71.4                           | 1814                       | 0.4           |
| A70                                                                                       | AP70               | 72.6                           | 1844                       | 0.4           |
| A71                                                                                       | AP71               | 73.6                           | 1869                       | 0.5           |
| A72                                                                                       | AP72               | 74.5                           | 1892                       | 0.5           |
| A73                                                                                       | AP73               | 75.5                           | 1918                       | 0.5           |
| A74                                                                                       | AP74               | 76.6                           | 1946                       | 0.5           |
| A75                                                                                       | AP75               | 77.7                           | 1974                       | 0.5           |
| A76                                                                                       | AP76               | 78.4                           | 1991                       | 0.5           |
| A77                                                                                       | AP77               | 79.5                           | 2019                       | 0.5           |
| A78                                                                                       | AP78               | 80.5                           | 2045                       | 0.5           |
| A79                                                                                       | AP79               | 81.7                           | 2075                       | 0.5           |
| A80                                                                                       | AP80               | 82.5                           | 2096                       | 0.5           |
| A81                                                                                       | AP81               | 83.7                           | 2126                       | 0.5           |
| A82                                                                                       | AP82               | 84.6                           | 2149                       | 0.5           |
| A83                                                                                       | AP83               | 85.4                           | 2169                       | 0.5           |
| A84                                                                                       | AP84               | 86.5                           | 2197                       | 0.5           |
| A84.5                                                                                     | AP84.5             | 87                             | 2210                       | 0.5           |
| A85                                                                                       | AP85               | 87.7                           | 2228                       | 0.5           |
| A86                                                                                       | AP86               | 88.5                           | 2248                       | 0.5           |
| A87                                                                                       | AP87               | 89.6                           | 2276                       | 0.5           |
| A88                                                                                       | AP88               | 90.5                           | 2299                       | 0.6           |
| A89                                                                                       | AP89               | 91.5                           | 2324                       | 0.6           |
| A90                                                                                       | AP90               | 92.7                           | 2355                       | 0.6           |
| A91                                                                                       | AP91               | 93.6                           | 2377                       | 0.6           |
| A92                                                                                       | AP92               | 94.6                           | 2403                       | 0.6           |

# Super Blue Ribbon®

## V-Belt

### Super Blue Ribbon® V-Belt Part Numbers

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| A93                                                                                       | AP93               | 95.6                           | 2428                       | 0.6           |
| A94                                                                                       | AP94               | 96.6                           | 2454                       | 0.6           |
| A95                                                                                       | AP95               | 97.6                           | 2479                       | 0.6           |
| A96                                                                                       | AP96               | 98.6                           | 2504                       | 0.6           |
| A97                                                                                       | AP97               | 99.6                           | 2530                       | 0.6           |
| A98                                                                                       | AP98               | 100.6                          | 2555                       | 0.6           |
| A99                                                                                       | AP99               | 101.3                          | 2573                       | 0.6           |
| A100                                                                                      | AP100              | 102.5                          | 2604                       | 0.6           |
| A101                                                                                      | AP101              | 103.5                          | 2629                       | 0.6           |
| A102                                                                                      | AP102              | 104.7                          | 2659                       | 0.6           |
| A103                                                                                      | AP103              | 105.5                          | 2680                       | 0.6           |
| A104                                                                                      | AP104              | 106.4                          | 2703                       | 0.7           |
| A105                                                                                      | AP105              | 107.6                          | 2733                       | 0.7           |
| A106                                                                                      | AP106              | 108.1                          | 2746                       | 0.7           |
| A107                                                                                      | AP107              | 109.0                          | 2769                       | 0.7           |
| A108                                                                                      | AP108              | 110.3                          | 2802                       | 0.7           |
| A110                                                                                      | AP110              | 112.5                          | 2858                       | 0.7           |
| A112                                                                                      | AP112              | 114.5                          | 2908                       | 0.7           |
| A113                                                                                      | AP113              | 115.1                          | 2923                       | 0.7           |
| A114                                                                                      | AP114              | 116.4                          | 2957                       | 0.7           |
| A115                                                                                      | AP115              | 117.4                          | 2982                       | 0.7           |
| A116                                                                                      | AP116              | 118.4                          | 3007                       | 0.7           |
| A118                                                                                      | AP118              | 120.4                          | 3058                       | 0.7           |
| A120                                                                                      | AP120              | 122.7                          | 3117                       | 0.8           |
| A124                                                                                      | AP124              | 126.4                          | 3211                       | 0.8           |
| A125                                                                                      | AP125              | 127.3                          | 3233                       | 0.8           |
| A126                                                                                      | AP126              | 128.3                          | 3259                       | 0.8           |
| A127                                                                                      | AP127              | 129.3                          | 3284                       | 0.8           |
| A128                                                                                      | AP128              | 130.4                          | 3312                       | 0.8           |
| A130                                                                                      | AP130              | 132.3                          | 3360                       | 0.8           |
| A131                                                                                      | AP131              | 133.1                          | 3381                       | 0.8           |
| A132                                                                                      | AP132              | 134.1                          | 3406                       | 0.8           |
| A133                                                                                      | AP133              | 135.4                          | 3439                       | 0.8           |
| A134                                                                                      | AP134              | 136.4                          | 3465                       | 0.8           |
| A136                                                                                      | AP136              | 138.3                          | 3513                       | 0.9           |
| A137                                                                                      | AP137              | 139.1                          | 3533                       | 0.9           |
| A140                                                                                      | AP140              | 142.4                          | 3617                       | 0.9           |

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| A141                                                                                      | AP141              | 143.1                          | 3635                       | 0.9           |
| A142                                                                                      | AP142              | 144.1                          | 3660                       | 0.9           |
| A144                                                                                      | AP144              | 146.4                          | 3719                       | 0.9           |
| A148                                                                                      | AP148              | 150.2                          | 3815                       | 0.9           |
| A152                                                                                      | AP152              | 154.1                          | 3914                       | 0.9           |
| A156                                                                                      | AP156              | 158.1                          | 4016                       | 0.9           |
| A157                                                                                      | AP157              | 159.1                          | 4041                       | 1.0           |
| A158                                                                                      | AP158              | 160.2                          | 4069                       | 1.0           |
| A160                                                                                      | AP160              | 162.1                          | 4117                       | 1.0           |
| A162                                                                                      | AP162              | 164.2                          | 4171                       | 1.0           |
| A173                                                                                      | AP173              | 175.2                          | 4450                       | 1.1           |
| A180                                                                                      | AP180              | 182.2                          | 4628                       | 1.1           |
| A220                                                                                      | AP220              | 222.2                          | 5644                       | 1.4           |
| A237                                                                                      | AP237              | 239.4                          | 6081                       | 1.5           |
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B23                                                                                       | BP23               | 26.4                           | 671                        | 0.2           |
| B24                                                                                       | BP24               | 27.4                           | 696                        | 0.2           |
| B25                                                                                       | BP25               | 28.4                           | 721                        | 0.2           |
| B26                                                                                       | BP26               | 29.5                           | 749                        | 0.2           |
| B27                                                                                       | BP27               | 30.3                           | 770                        | 0.2           |
| B28                                                                                       | BP28               | 31.3                           | 795                        | 0.3           |
| B29                                                                                       | BP29               | 32.4                           | 823                        | 0.3           |
| B30                                                                                       | BP30               | 33.4                           | 848                        | 0.3           |
| B31                                                                                       | BP31               | 34.5                           | 876                        | 0.3           |
| B32                                                                                       | BP32               | 35.4                           | 899                        | 0.3           |
| B33                                                                                       | BP33               | 36.2                           | 920                        | 0.4           |
| B34                                                                                       | BP34               | 37                             | 940                        | 0.3           |
| B35                                                                                       | BP35               | 38.4                           | 975                        | 0.4           |
| B36                                                                                       | BP36               | 39.3                           | 998                        | 0.4           |
| B37                                                                                       | BP37               | 40.4                           | 1026                       | 0.4           |
| B38                                                                                       | BP38               | 41.4                           | 1052                       | 0.4           |
| B39                                                                                       | BP39               | 42.4                           | 1077                       | 0.4           |
| B40                                                                                       | BP40               | 43.3                           | 1100                       | 0.4           |
| B41                                                                                       | BP41               | 43.8                           | 1113                       | 0.4           |
| B42                                                                                       | BP42               | 44.9                           | 1141                       | 0.4           |
| B43                                                                                       | BP43               | 46.4                           | 1179                       | 0.5           |

# Super Blue Ribbon®

## V-Belt

Part Number Example: **B50** = **B** **50**  
 Cross Section Inside Circumference (inches)

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B44                                                                                       | BP44               | 47.2                           | 1199                       | 0.5           |
| B45                                                                                       | BP45               | 48.3                           | 1227                       | 0.5           |
| B46                                                                                       | BP46               | 49.3                           | 1252                       | 0.5           |
| B47                                                                                       | BP47               | 49.8                           | 1265                       | 0.5           |
| B48                                                                                       | BP48               | 51.1                           | 1298                       | 0.5           |
| B49                                                                                       | BP49               | 52.1                           | 1323                       | 0.5           |
| B50                                                                                       | BP50               | 53                             | 1346                       | 0.5           |
| B51                                                                                       | BP51               | 54.2                           | 1377                       | 0.5           |
| B52                                                                                       | BP52               | 54.8                           | 1392                       | 0.5           |
| B53                                                                                       | BP53               | 56                             | 1422                       | 0.6           |
| B54                                                                                       | BP54               | 57.1                           | 1450                       | 0.5           |
| B55                                                                                       | BP55               | 58                             | 1473                       | 0.6           |
| B56                                                                                       | BP56               | 59.3                           | 1506                       | 0.6           |
| B57                                                                                       | BP57               | 60.3                           | 1532                       | 0.6           |
| B58                                                                                       | BP58               | 61.3                           | 1557                       | 0.6           |
| B59                                                                                       | BP59               | 61.9                           | 1572                       | 0.6           |
| B60                                                                                       | BP60               | 63.3                           | 1608                       | 0.6           |
| B61                                                                                       | BP61               | 63.9                           | 1623                       | 0.6           |
| B62                                                                                       | BP62               | 65                             | 1651                       | 0.7           |
| B63                                                                                       | BP63               | 66                             | 1676                       | 0.6           |
| B64                                                                                       | BP64               | 67.3                           | 1709                       | 0.7           |
| B65                                                                                       | BP65               | 68.3                           | 1735                       | 0.7           |
| B66                                                                                       | BP66               | 69.2                           | 1758                       | 0.7           |
| B67                                                                                       | BP67               | 70.4                           | 1788                       | 0.7           |
| B68                                                                                       | BP68               | 71.1                           | 1806                       | 0.7           |
| B69                                                                                       | BP69               | 72.5                           | 1842                       | 0.7           |
| B70                                                                                       | BP70               | 73.1                           | 1857                       | 0.7           |
| B71                                                                                       | BP71               | 74.2                           | 1885                       | 0.7           |
| B72                                                                                       | BP72               | 75.4                           | 1915                       | 0.8           |
| B73                                                                                       | BP73               | 76.2                           | 1936                       | 0.8           |
| B74                                                                                       | BP74               | 77.3                           | 1963                       | 0.8           |
| B75                                                                                       | BP75               | 78.3                           | 1989                       | 0.8           |
| B76                                                                                       | BP76               | 79.2                           | 2012                       | 0.8           |
| B77                                                                                       | BP77               | 80.4                           | 2042                       | 0.8           |
| B78                                                                                       | BP78               | 81.4                           | 2068                       | 0.8           |
| B79                                                                                       | BP79               | 82.4                           | 2093                       | 0.8           |
| B80                                                                                       | BP80               | 83.4                           | 2118                       | 0.8           |

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B81                                                                                       | BP81               | 84.4                           | 2144                       | 0.8           |
| B82                                                                                       | BP82               | 85.3                           | 2167                       | 0.9           |
| B83                                                                                       | BP83               | 86.3                           | 2192                       | 0.9           |
| B84                                                                                       | BP84               | 87.3                           | 2217                       | 0.9           |
| B85                                                                                       | BP85               | 88.3                           | 2243                       | 0.9           |
| B86                                                                                       | BP86               | 89.4                           | 2271                       | 0.9           |
| B87                                                                                       | BP87               | 90.4                           | 2296                       | 0.9           |
| B88                                                                                       | BP88               | 91.4                           | 2322                       | 0.9           |
| B89                                                                                       | BP89               | 92.4                           | 2347                       | 0.9           |
| B90                                                                                       | BP90               | 93.4                           | 2372                       | 0.9           |
| B91                                                                                       | BP91               | 94                             | 2388                       | 0.9           |
| B92                                                                                       | BP92               | 95.3                           | 2421                       | 1.0           |
| B93                                                                                       | BP93               | 96.3                           | 2446                       | 1.0           |
| B94                                                                                       | BP94               | 97.1                           | 2466                       | 1.0           |
| B95                                                                                       | BP95               | 98.3                           | 2497                       | 1.0           |
| B96                                                                                       | BP96               | 99.3                           | 2522                       | 1.0           |
| B97                                                                                       | BP97               | 100.2                          | 2545                       | 1.0           |
| B98                                                                                       | BP98               | 100.9                          | 2563                       | 1.0           |
| B99                                                                                       | BP99               | 102                            | 2591                       | 1.0           |
| B100                                                                                      | BP100              | 103.3                          | 2624                       | 1.0           |
| B101                                                                                      | BP101              | 104                            | 2642                       | 1.0           |
| B102                                                                                      | BP102              | 105.2                          | 2672                       | 1.0           |
| B103                                                                                      | BP103              | 106.2                          | 2698                       | 1.1           |
| B104                                                                                      | BP104              | 107                            | 2718                       | 1.1           |
| B105                                                                                      | BP105              | 108.1                          | 2746                       | 1.1           |
| B106                                                                                      | BP106              | 109                            | 2769                       | 1.1           |
| B107                                                                                      | BP107              | 110                            | 2794                       | 1.1           |
| B108                                                                                      | BP108              | 111.5                          | 2832                       | 1.1           |
| B109                                                                                      | BP109              | 112                            | 2845                       | 1.1           |
| B110                                                                                      | BP110              | 112.8                          | 2865                       | 1.1           |
| B111                                                                                      | BP111              | 114.2                          | 2901                       | 1.1           |
| B112                                                                                      | BP112              | 115.2                          | 2926                       | 1.2           |
| B113                                                                                      | BP113              | 116                            | 2946                       | 1.2           |
| B114                                                                                      | BP114              | 117                            | 2972                       | 1.2           |
| B115                                                                                      | BP115              | 118.1                          | 3000                       | 1.2           |
| B116                                                                                      | BP116              | 119.1                          | 3025                       | 1.2           |
| B117                                                                                      | BP117              | 120                            | 3048                       | 1.2           |

# Super Blue Ribbon®

## V-Belt

### Super Blue Ribbon® V-Belt Part Numbers

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B118                                                                                      | BP118              | 121                            | 3073                       | 1.2           |
| B119                                                                                      | BP119              | 122                            | 3099                       | 1.2           |
| B120                                                                                      | BP120              | 123.1                          | 3127                       | 1.2           |
| B122                                                                                      | BP122              | 125                            | 3175                       | 1.2           |
| B123                                                                                      | BP123              | 126                            | 3200                       | 1.3           |
| B124                                                                                      | BP124              | 126.9                          | 3223                       | 1.3           |
| B125                                                                                      | BP125              | 128                            | 3251                       | 1.3           |
| B126                                                                                      | BP126              | 129                            | 3277                       | 1.3           |
| B128                                                                                      | BP128              | 130.9                          | 3325                       | 1.3           |
| B130                                                                                      | BP130              | 133                            | 3378                       | 1.3           |
| B131                                                                                      | BP131              | 134                            | 3404                       | 1.3           |
| B132                                                                                      | BP132              | 135                            | 3429                       | 1.3           |
| B133                                                                                      | BP133              | 136                            | 3454                       | 1.4           |
| B134                                                                                      | BP134              | 137                            | 3480                       | 1.4           |
| B135                                                                                      | BP135              | 138                            | 3505                       | 1.4           |
| B136                                                                                      | BP136              | 139.0                          | 3531                       | 1.4           |
| B137                                                                                      | BP137              | 139.9                          | 3554                       | 1.4           |
| B138                                                                                      | BP138              | 141.0                          | 3581                       | 1.4           |
| B139                                                                                      | BP139              | 141.8                          | 3602                       | 1.4           |
| B140                                                                                      | BP140              | 143.2                          | 3637                       | 1.4           |
| B141                                                                                      | BP141              | 143.6                          | 3647                       | 1.4           |
| B142                                                                                      | BP142              | 145.0                          | 3683                       | 1.4           |
| B143                                                                                      | BP143              | 145.9                          | 3706                       | 1.4           |
| B144                                                                                      | BP144              | 147.1                          | 3736                       | 1.5           |
| B145                                                                                      | BP145              | 148.0                          | 3759                       | 1.5           |
| B146                                                                                      | BP146              | 149.0                          | 3785                       | 1.5           |
| B148                                                                                      | BP148              | 151.0                          | 3835                       | 1.5           |
| B149                                                                                      | BP149              | 151.9                          | 3858                       | 1.5           |
| B150                                                                                      | BP150              | 153.0                          | 3886                       | 1.5           |
| B151                                                                                      | BP151              | 154.0                          | 3912                       | 1.5           |
| B152                                                                                      | BP152              | 155.0                          | 3937                       | 1.5           |
| B153                                                                                      | BP153              | 155.9                          | 3960                       | 1.5           |
| B154                                                                                      | BP154              | 157.0                          | 3988                       | 1.6           |
| B155                                                                                      | BP155              | 157.9                          | 4011                       | 1.6           |
| B156                                                                                      | BP156              | 159.0                          | 4039                       | 1.6           |
| B157                                                                                      | BP157              | 160.0                          | 4064                       | 1.6           |
| B158                                                                                      | BP158              | 161.0                          | 4089                       | 1.6           |

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B160                                                                                      | BP160              | 163.0                          | 4140                       | 1.6           |
| B161                                                                                      | BP161              | 164.0                          | 4166                       | 1.6           |
| B162                                                                                      | BP162              | 165.0                          | 4191                       | 1.6           |
| B164                                                                                      | BP164              | 167.0                          | 4242                       | 1.7           |
| B165                                                                                      | BP165              | 168.0                          | 4267                       | 1.7           |
| B166                                                                                      | BP166              | 168.9                          | 4290                       | 1.7           |
| B168                                                                                      | BP168              | 171.0                          | 4343                       | 1.7           |
| B169                                                                                      | BP169              | 171.9                          | 4366                       | 1.7           |
| B170                                                                                      | BP170              | 173.0                          | 4394                       | 1.7           |
| B172                                                                                      | BP172              | 175.0                          | 4445                       | 1.7           |
| B173                                                                                      | BP173              | 176.0                          | 4470                       | 1.8           |
| B174                                                                                      | BP174              | 176.9                          | 4493                       | 1.8           |
| B175                                                                                      | BP175              | 178.0                          | 4521                       | 1.8           |
| B176                                                                                      | BP176              | 179.0                          | 4547                       | 1.8           |
| B177                                                                                      | BP177              | 180.0                          | 4572                       | 1.8           |
| B178                                                                                      | BP178              | 180.9                          | 4595                       | 1.8           |
| B180                                                                                      | BP180              | 183.0                          | 4648                       | 1.8           |
| B182                                                                                      | BP182              | 185.0                          | 4699                       | 1.8           |
| B184                                                                                      | BP184              | 187.0                          | 4750                       | 1.9           |
| B185                                                                                      | BP185              | 187.9                          | 4773                       | 1.9           |
| B187                                                                                      | BP187              | 189.9                          | 4824                       | 1.9           |
| B188                                                                                      | BP188              | 190.9                          | 4849                       | 1.9           |
| B189                                                                                      | BP189              | 191.9                          | 4874                       | 1.9           |
| B190                                                                                      | BP190              | 193.0                          | 4902                       | 1.9           |
| B191                                                                                      | BP191              | 194.0                          | 4928                       | 1.9           |
| B195                                                                                      | BP195              | 198.0                          | 5029                       | 2.0           |
| B196                                                                                      | BP196              | 198.9                          | 5052                       | 2.0           |
| B197                                                                                      | BP197              | 200.0                          | 5080                       | 2.0           |
| B198                                                                                      | BP198              | 201.0                          | 5105                       | 2.0           |
| B199                                                                                      | BP199              | 201.9                          | 5128                       | 2.0           |
| B202                                                                                      | BP202              | 205.0                          | 5207                       | 2.0           |
| B203                                                                                      | BP203              | 206.0                          | 5232                       | 2.1           |
| B205                                                                                      | BP205              | 208.0                          | 5283                       | 2.1           |
| B208                                                                                      | BP208              | 210.9                          | 5357                       | 2.1           |
| B210                                                                                      | BP210              | 213.0                          | 5410                       | 2.1           |
| B212                                                                                      | BP212              | 213.4                          | 5421                       | 2.1           |
| B214                                                                                      | BP214              | 217.0                          | 5512                       | 2.2           |



# Super Blue Ribbon®

## V-Belt

Part Number Example: **C50** = **C** **50**  
 Cross Section Inside Circumference (inches)

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B215                                                                                      | BP215              | 218.0                          | 5537                       | 2.2           |
| B216                                                                                      | BP216              | 217.4                          | 5522                       | 2.2           |
| B217                                                                                      | BP217              | 220.0                          | 5588                       | 2.2           |
| B220                                                                                      | BP220              | 223.0                          | 5664                       | 2.2           |
| B221                                                                                      | BP221              | 224.0                          | 5690                       | 2.2           |
| B223                                                                                      | BP223              | 224.5                          | 5702                       | 2.2           |
| B224                                                                                      | BP224              | 225.5                          | 5728                       | 2.2           |
| B225                                                                                      | BP225              | 226.5                          | 5753                       | 2.3           |
| B228                                                                                      | BP228              | 231.0                          | 5867                       | 2.3           |
| B230                                                                                      | BP230              | 231.4                          | 5878                       | 2.3           |
| B240                                                                                      | BP240              | 241.5                          | 6134                       | 2.4           |
| B244                                                                                      | BP244              | 245.5                          | 6236                       | 2.4           |
| B248                                                                                      | BP248              | 249.4                          | 6335                       | 2.4           |
| B249                                                                                      | BP249              | 250.4                          | 6360                       | 2.5           |
| B250                                                                                      | BP250              | 253.0                          | 6426                       | 2.5           |
| B253                                                                                      | BP253              | 256.0                          | 6502                       | 2.6           |
| B255                                                                                      | BP255              | 256.5                          | 6515                       | 2.6           |
| B265                                                                                      | BP265              | 268.0                          | 6807                       | 2.7           |
| B270                                                                                      | BP270              | 271.5                          | 6896                       | 2.7           |
| B275                                                                                      | BP275              | 276.5                          | 7023                       | 2.8           |
| B276                                                                                      | BP276              | 278.2                          | 7065                       | 2.8           |
| B280                                                                                      | BP280              | 281.5                          | 7150                       | 2.8           |
| B285                                                                                      | BP285              | 286.5                          | 7277                       | 2.9           |
| B300                                                                                      | BP300              | 301.5                          | 7658                       | 3.0           |
| B315                                                                                      | BP315              | 316.5                          | 8039                       | 3.2           |
| B330                                                                                      | BP330              | 331.5                          | 8420                       | 3.3           |
| B340                                                                                      | BP340              | 341.4                          | 8672                       | 3.4           |
| B345                                                                                      | BP345              | 346.4                          | 8799                       | 3.5           |
| B355                                                                                      | BP355              | 356.4                          | 9053                       | 3.6           |
| B360                                                                                      | BP360              | 361.5                          | 9182                       | 3.7           |
| B375                                                                                      | BP375              | 376.4                          | 9561                       | 3.8           |
| B390                                                                                      | BP380              | 391.4                          | 9942                       | 3.9           |
| B420                                                                                      | BP420              | 421.4                          | 10704                      | 4.2           |
| B433                                                                                      | BP433              | 436.0                          | 11074                      | 4.4           |
| B443                                                                                      | BP443              | 446.0                          | 11328                      | 4.5           |
| B490                                                                                      | BP490              | 491.4                          | 12482                      | 4.9           |
| B512                                                                                      | BP512              | 513.5                          | 13043                      | 5.2           |

| Part Number                                                                               | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |               |
| B543                                                                                      | BP543              | 544.5                          | 13830                      | 5.5           |
| B553                                                                                      | BP553              | 554.5                          | 14084                      | 5.6           |
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b>   |                    |                                |                            |               |
| C46                                                                                       | CP46               | 50.3                           | 1278                       | 0.8           |
| C50                                                                                       | CP50               | 54.5                           | 1384                       | 0.9           |
| C51                                                                                       | CP51               | 55.6                           | 1412                       | 1.0           |
| C52                                                                                       | CP52               | 56.0                           | 1422                       | 1.0           |
| C53                                                                                       | CP53               | 57.4                           | 1458                       | 1.0           |
| C54                                                                                       | CP54               | 58.8                           | 1494                       | 1.0           |
| C55                                                                                       | CP55               | 59.7                           | 1516                       | 1.1           |
| C56                                                                                       | CP56               | 59.9                           | 1522                       | 1.0           |
| C57                                                                                       | CP57               | 61.1                           | 1552                       | 1.0           |
| C58                                                                                       | CP58               | 63                             | 1600                       | 1.0           |
| C60                                                                                       | CP60               | 64.6                           | 1641                       | 1.1           |
| C61                                                                                       | CP61               | 65.3                           | 1659                       | 1.2           |
| C62                                                                                       | CP62               | 66.8                           | 1697                       | 1.2           |
| C63                                                                                       | CP63               | 67.6                           | 1717                       | 1.2           |
| C64                                                                                       | CP64               | 68.6                           | 1742                       | 1.2           |
| C65                                                                                       | CP65               | 69.6                           | 1768                       | 1.1           |
| C66                                                                                       | CP66               | 70.1                           | 1781                       | 1.2           |
| C67                                                                                       | CP67               | 71.8                           | 1824                       | 1.3           |
| C68                                                                                       | CP68               | 72.7                           | 1847                       | 1.3           |
| C69                                                                                       | CP69               | 73.3                           | 1862                       | 1.3           |
| C70                                                                                       | CP70               | 74.8                           | 1900                       | 1.3           |
| C71                                                                                       | CP71               | 75.6                           | 1920                       | 1.3           |
| C72                                                                                       | CP72               | 76.6                           | 1946                       | 1.4           |
| C73                                                                                       | CP73               | 77.7                           | 1974                       | 1.4           |
| C74                                                                                       | CP74               | 78.2                           | 1986                       | 1.4           |
| C75                                                                                       | CP75               | 79.6                           | 2022                       | 1.4           |
| C76                                                                                       | CP76               | 80.6                           | 2047                       | 1.4           |
| C77                                                                                       | CP77               | 81.6                           | 2073                       | 1.5           |
| C78                                                                                       | CP78               | 82.6                           | 2098                       | 1.5           |
| C79                                                                                       | CP79               | 83.4                           | 2118                       | 1.5           |
| C80                                                                                       | CP80               | 84.2                           | 2139                       | 1.5           |
| C81                                                                                       | CP81               | 85.5                           | 2172                       | 1.5           |
| C82                                                                                       | CP82               | 86.3                           | 2192                       | 1.5           |

# Super Blue Ribbon®

## V-Belt

### Super Blue Ribbon® V-Belt Part Numbers

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |               |
| C83                                                                                     | CP83               | 87.4                           | 2220                       | 1.6           |
| C84                                                                                     | CP84               | 88.6                           | 2250                       | 1.6           |
| C85                                                                                     | CP85               | 89.5                           | 2273                       | 1.6           |
| C86                                                                                     | CP86               | 90.5                           | 2299                       | 1.6           |
| C87                                                                                     | CP87               | 91.5                           | 2324                       | 1.6           |
| C88                                                                                     | CP88               | 92.6                           | 2352                       | 1.7           |
| C89                                                                                     | CP89               | 93.6                           | 2377                       | 1.7           |
| C90                                                                                     | CP90               | 94.4                           | 2398                       | 1.7           |
| C91                                                                                     | CP91               | 95.4                           | 2423                       | 1.7           |
| C92                                                                                     | CP92               | 97                             | 2464                       | 1.7           |
| C93                                                                                     | CP93               | 97.7                           | 2482                       | 1.7           |
| C94                                                                                     | CP94               | 98.6                           | 2504                       | 1.8           |
| C95                                                                                     | CP95               | 99.9                           | 2538                       | 1.8           |
| C96                                                                                     | CP96               | 100.4                          | 2550                       | 1.8           |
| C97                                                                                     | CP97               | 101.5                          | 2578                       | 1.8           |
| C98                                                                                     | CP98               | 102.5                          | 2604                       | 1.8           |
| C99                                                                                     | CP99               | 103.9                          | 2639                       | 1.9           |
| C100                                                                                    | CP100              | 104.9                          | 2665                       | 1.9           |
| C101                                                                                    | CP101              | 105.8                          | 2687                       | 1.9           |
| C102                                                                                    | CP102              | 106.5                          | 2705                       | 1.9           |
| C103                                                                                    | CP103              | 107.5                          | 2731                       | 1.9           |
| C104                                                                                    | CP104              | 108.5                          | 2756                       | 1.9           |
| C105                                                                                    | CP105              | 109.5                          | 2781                       | 2.0           |
| C106                                                                                    | CP106              | 110.2                          | 2799                       | 2.0           |
| C107                                                                                    | CP107              | 111.5                          | 2832                       | 2.0           |
| C108                                                                                    | CP108              | 112.8                          | 2865                       | 2.0           |
| C109                                                                                    | CP109              | 113.7                          | 2888                       | 2.0           |
| C110                                                                                    | CP110              | 114.6                          | 2911                       | 2.0           |
| C111                                                                                    | CP111              | 115.5                          | 2934                       | 2.1           |
| C112                                                                                    | CP112              | 116.4                          | 2957                       | 2.1           |
| C113                                                                                    | CP113              | 117.5                          | 2985                       | 2.1           |
| C114                                                                                    | CP114              | 118.5                          | 3010                       | 2.1           |

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |               |
| C115                                                                                    | CP115              | 119.5                          | 3035                       | 2.1           |
| C116                                                                                    | CP116              | 120.5                          | 3061                       | 2.2           |
| C117                                                                                    | CP117              | 121.5                          | 3086                       | 2.2           |
| C118                                                                                    | CP118              | 122.6                          | 3114                       | 2.2           |
| C119                                                                                    | CP119              | 123.5                          | 3137                       | 2.2           |
| C120                                                                                    | CP120              | 124.4                          | 3160                       | 2.2           |
| C121                                                                                    | CP121              | 125.4                          | 3185                       | 2.3           |
| C122                                                                                    | CP122              | 126.4                          | 3211                       | 2.3           |
| C123                                                                                    | CP123              | 127.6                          | 3241                       | 2.3           |
| C124                                                                                    | CP124              | 128.5                          | 3264                       | 2.3           |
| C125                                                                                    | CP125              | 129.6                          | 3292                       | 2.3           |
| C126                                                                                    | CP126              | 130.6                          | 3317                       | 2.3           |
| C127                                                                                    | CP127              | 131.5                          | 3340                       | 2.4           |
| C128                                                                                    | CP128              | 132.2                          | 3358                       | 2.4           |
| C129                                                                                    | CP129              | 133.6                          | 3393                       | 2.4           |
| C130                                                                                    | CP130              | 134.6                          | 3419                       | 2.4           |
| C131                                                                                    | CP131              | 136                            | 3454                       | 2.4           |
| C132                                                                                    | CP132              | 136.6                          | 3470                       | 2.4           |
| C133                                                                                    | CP133              | 137.6                          | 3495                       | 2.5           |
| C134                                                                                    | CP134              | 138.5                          | 3518                       | 2.5           |
| C135                                                                                    | CP135              | 139.6                          | 3546                       | 2.5           |
| C136                                                                                    | CP136              | 140.2                          | 3561                       | 2.5           |
| C137                                                                                    | CP137              | 141.6                          | 3597                       | 2.5           |
| C138                                                                                    | CP138              | 143.1                          | 3635                       | 2.6           |
| C139                                                                                    | CP139              | 143.3                          | 3640                       | 2.6           |
| C140                                                                                    | CP140              | 144.2                          | 3663                       | 2.6           |
| C141                                                                                    | CP141              | 145.3                          | 3691                       | 2.6           |
| C142                                                                                    | CP142              | 146.3                          | 3716                       | 2.6           |
| C143                                                                                    | CP143              | 147.3                          | 3741                       | 2.6           |
| C144                                                                                    | CP144              | 148.2                          | 3764                       | 2.7           |
| C145                                                                                    | CP145              | 149.3                          | 3792                       | 2.7           |
| C146                                                                                    | CP146              | 150.3                          | 3818                       | 2.7           |

# Super Blue Ribbon®

## V-Belt

Part Number Example: **C200** = **C** **200**  
Cross Section Inside Circumference (inches)

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |               |
| C147                                                                                    | CP147              | 151.2                          | 3841                       | 2.7           |
| C148                                                                                    | CP148              | 152.3                          | 3868                       | 2.7           |
| C149                                                                                    | CP149              | 153.3                          | 3894                       | 2.8           |
| C150                                                                                    | CP150              | 154.3                          | 3919                       | 2.8           |
| C151                                                                                    | CP151              | 155.3                          | 3945                       | 2.8           |
| C152                                                                                    | CP152              | 156.3                          | 3970                       | 2.8           |
| C153                                                                                    | CP153              | 157.3                          | 3995                       | 2.8           |
| C154                                                                                    | CP154              | 158.3                          | 4021                       | 2.8           |
| C155                                                                                    | CP155              | 159.3                          | 4046                       | 2.9           |
| C156                                                                                    | CP156              | 160.3                          | 4072                       | 2.9           |
| C157                                                                                    | CP157              | 161.3                          | 4097                       | 2.9           |
| C158                                                                                    | CP158              | 162.3                          | 4122                       | 2.9           |
| C159                                                                                    | CP159              | 163.3                          | 4148                       | 2.9           |
| C160                                                                                    | CP160              | 164.3                          | 4173                       | 3.0           |
| C161                                                                                    | CP161              | 165.3                          | 4199                       | 3.0           |
| C162                                                                                    | CP162              | 166.3                          | 4224                       | 3.0           |
| C163                                                                                    | CP163              | 167.3                          | 4249                       | 3.0           |
| C164                                                                                    | CP164              | 168.3                          | 4275                       | 3.0           |
| C165                                                                                    | CP165              | 169.3                          | 4300                       | 3.0           |
| C166                                                                                    | CP166              | 170.3                          | 4326                       | 3.1           |
| C167                                                                                    | CP167              | 171.3                          | 4351                       | 3.1           |
| C168                                                                                    | CP168              | 172.3                          | 4376                       | 3.1           |
| C169                                                                                    | CP169              | 173.3                          | 4402                       | 3.1           |
| C170                                                                                    | CP170              | 174.3                          | 4427                       | 3.1           |
| C171                                                                                    | CP171              | 175.3                          | 4453                       | 3.2           |
| C172                                                                                    | CP172              | 176.3                          | 4478                       | 3.2           |
| C173                                                                                    | CP173              | 177.3                          | 4503                       | 3.2           |
| C174                                                                                    | CP174              | 178.3                          | 4529                       | 3.2           |
| C175                                                                                    | CP175              | 179.3                          | 4554                       | 3.2           |
| C176                                                                                    | CP176              | 180.3                          | 4580                       | 3.2           |
| C177                                                                                    | CP177              | 181.3                          | 4605                       | 3.3           |
| C178                                                                                    | CP178              | 182.3                          | 4630                       | 3.3           |

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |               |
| C179                                                                                    | CP179              | 183.3                          | 4656                       | 3.3           |
| C180                                                                                    | CP180              | 184.3                          | 4681                       | 3.3           |
| C181                                                                                    | CP181              | 185.4                          | 4709                       | 3.3           |
| C182                                                                                    | CP182              | 186.3                          | 4732                       | 3.4           |
| C183                                                                                    | CP183              | 187.3                          | 4757                       | 3.4           |
| C184                                                                                    | CP184              | 188.3                          | 4783                       | 3.4           |
| C185                                                                                    | CP185              | 189.3                          | 4808                       | 3.4           |
| C186                                                                                    | CP186              | 190.3                          | 4834                       | 3.4           |
| C187                                                                                    | CP187              | 191.3                          | 4859                       | 3.4           |
| C188                                                                                    | CP188              | 192.3                          | 4884                       | 3.5           |
| C189                                                                                    | CP189              | 193.3                          | 4910                       | 3.5           |
| C190                                                                                    | CP190              | 194.3                          | 4935                       | 3.5           |
| C192                                                                                    | CP192              | 196.3                          | 4986                       | 3.5           |
| C193                                                                                    | CP193              | 197.3                          | 5011                       | 3.6           |
| C194                                                                                    | CP194              | 198.3                          | 5037                       | 3.6           |
| C195                                                                                    | CP195              | 199.3                          | 5062                       | 3.6           |
| C196                                                                                    | CP196              | 200.1                          | 5083                       | 3.6           |
| C197                                                                                    | CP197              | 201.3                          | 5113                       | 3.6           |
| C198                                                                                    | CP198              | 202.3                          | 5138                       | 3.7           |
| C199                                                                                    | CP199              | 203.3                          | 5164                       | 3.6           |
| C200                                                                                    | CP200              | 204.3                          | 5189                       | 3.7           |
| C204                                                                                    | CP204              | 208.3                          | 5291                       | 3.8           |
| C205                                                                                    | CP205              | 209.3                          | 5316                       | 3.8           |
| C208                                                                                    | CP208              | 212.3                          | 5392                       | 3.8           |
| C210                                                                                    | CP210              | 214.3                          | 5443                       | 3.9           |
| C215                                                                                    | CP215              | 219.3                          | 5570                       | 4.0           |
| C218                                                                                    | CP218              | 222.3                          | 5646                       | 4.0           |
| C220                                                                                    | CP220              | 224.3                          | 5697                       | 4.1           |
| C225                                                                                    | CP225              | 227.3                          | 5773                       | 4.1           |
| C228                                                                                    | CP228              | 230.3                          | 5850                       | 4.2           |
| C230                                                                                    | CP230              | 232.3                          | 5900                       | 4.2           |
| C235                                                                                    | CP235              | 237.3                          | 6027                       | 4.3           |

# Super Blue Ribbon®

## V-Belt

### Super Blue Ribbon® V-Belt Part Numbers

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>C Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |               |
| C236                                                                                    | CP236              | 238.3                          | 6053                       | 4.3           |
| C240                                                                                    | CP240              | 242.3                          | 6154                       | 4.4           |
| C245                                                                                    | CP245              | 247.3                          | 6281                       | 4.5           |
| C248                                                                                    | CP248              | 250.3                          | 6358                       | 4.5           |
| C250                                                                                    | CP250              | 252.3                          | 6408                       | 4.6           |
| C255                                                                                    | CP255              | 257.3                          | 6535                       | 4.7           |
| C260                                                                                    | CP260              | 262.3                          | 6662                       | 4.7           |
| C264                                                                                    | CP264              | 266.5                          | 6769                       | 4.8           |
| C265                                                                                    | CP265              | 267.6                          | 6797                       | 4.8           |
| C269                                                                                    | CP269              | 271.5                          | 6896                       | 4.9           |
| C270                                                                                    | CP270              | 272.5                          | 6922                       | 4.9           |
| C275                                                                                    | CP275              | 277.6                          | 7051                       | 5.0           |
| C276                                                                                    | CP276              | 278.5                          | 7074                       | 5.0           |
| C280                                                                                    | CP280              | 282.5                          | 7176                       | 5.1           |
| C285                                                                                    | CP285              | 287.5                          | 7303                       | 5.2           |
| C290                                                                                    | CP290              | 292.6                          | 7432                       | 5.3           |
| C297                                                                                    | CP297              | 299.5                          | 7607                       | 5.4           |
| C300                                                                                    | CP300              | 302.5                          | 7684                       | 5.5           |
| C314                                                                                    | CP314              | 316.5                          | 8039                       | 5.7           |
| C315                                                                                    | CP315              | 317.5                          | 8065                       | 5.7           |
| C330                                                                                    | CP330              | 332.5                          | 8446                       | 6.0           |
| C340                                                                                    | CP340              | 342.5                          | 8700                       | 6.2           |
| C345                                                                                    | CP345              | 347.5                          | 8827                       | 6.3           |
| C360                                                                                    | CP360              | 362.5                          | 9208                       | 6.6           |
| C390                                                                                    | CP390              | 392.5                          | 9970                       | 7.2           |
| C420                                                                                    | CP420              | 422.5                          | 10732                      | 7.8           |

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>D Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                    |                                |                            |               |
| D88                                                                                     | DP88               | 93.5                           | 2375                       | 3.0           |
| D90                                                                                     | DP90               | 95.5                           | 2426                       | 3.1           |
| D96                                                                                     | DP96               | 101.5                          | 2578                       | 3.3           |
| D98                                                                                     | DP98               | 103.5                          | 2629                       | 3.3           |
| D100                                                                                    | DP100              | 105.5                          | 2680                       | 3.4           |
| D101                                                                                    | DP101              | 106.5                          | 2705                       | 3.4           |
| D104                                                                                    | DP104              | 109.5                          | 2781                       | 3.5           |
| D105                                                                                    | DP105              | 110.5                          | 2807                       | 3.6           |
| D108                                                                                    | DP108              | 113.5                          | 2883                       | 3.7           |
| D112                                                                                    | DP112              | 117.5                          | 2985                       | 3.8           |
| D115                                                                                    | DP115              | 120.5                          | 3061                       | 3.9           |
| D120                                                                                    | DP120              | 125.5                          | 3188                       | 4.3           |
| D124                                                                                    | DP124              | 129.5                          | 3289                       | 4.1           |
| D128                                                                                    | DP128              | 133.4                          | 3388                       | 4.6           |
| D132                                                                                    | DP132              | 137.5                          | 3493                       | 4.5           |
| D134                                                                                    | DP134              | 139.5                          | 3543                       | 4.5           |
| D135                                                                                    | DP135              | 140.5                          | 3569                       | 4.6           |
| D136                                                                                    | DP136              | 141.5                          | 3594                       | 4.6           |
| D140                                                                                    | DP140              | 145.5                          | 3696                       | 4.7           |
| D144                                                                                    | DP144              | 149.2                          | 3790                       | 4.8           |
| D152                                                                                    | DP152              | 157.2                          | 3993                       | 5.1           |
| D154                                                                                    | DP154              | 159.2                          | 4044                       | 5.1           |
| D157                                                                                    | DP157              | 162.2                          | 4120                       | 5.3           |
| D158                                                                                    | DP158              | 163.2                          | 4145                       | 5.3           |
| D160                                                                                    | DP160              | 165.5                          | 4204                       | 5.4           |
| D162                                                                                    | DP162              | 167.2                          | 4247                       | 5.4           |
| D164                                                                                    | DP164              | 169.5                          | 4305                       | 5.5           |
| D165                                                                                    | DP165              | 170.5                          | 4331                       | 5.5           |
| D166                                                                                    | DP166              | 171.2                          | 4349                       | 5.6           |
| D168                                                                                    | DP168              | 173.2                          | 4399                       | 5.6           |
| D170                                                                                    | DP170              | 175.2                          | 4450                       | 5.7           |

# Super Blue Ribbon®

## V-Belt

Part Number Example: **D300** = **D** **300**  
Cross Section      Inside Circumference (inches)

| Part Number                                                                             | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>D Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                    |                                |                            |               |
| D171                                                                                    | DP171              | 176.2                          | 4476                       | 5.7           |
| D173                                                                                    | DP173              | 178.2                          | 4526                       | 5.8           |
| D177                                                                                    | DP177              | 182.2                          | 4628                       | 5.9           |
| D178                                                                                    | DP178              | 183.2                          | 4653                       | 6.0           |
| D180                                                                                    | DP180              | 185.2                          | 4704                       | 6.0           |
| D189                                                                                    | DP189              | 194.2                          | 4933                       | 6.3           |
| D195                                                                                    | DP195              | 200.2                          | 5085                       | 6.5           |
| D210                                                                                    | DP210              | 215.2                          | 5466                       | 7.0           |
| D225                                                                                    | DP225              | 227.7                          | 5784                       | 7.4           |
| D230                                                                                    | DP230              | 232.7                          | 5911                       | 7.6           |
| D240                                                                                    | DP240              | 242.7                          | 6165                       | 7.9           |
| D248                                                                                    | DP248              | 250.7                          | 6368                       | 8.0           |
| D255                                                                                    | DP255              | 257.7                          | 6546                       | 8.4           |
| D260                                                                                    | DP260              | 262.7                          | 6673                       | 8.6           |
| D270                                                                                    | DP270              | 272.7                          | 6927                       | 8.9           |
| D280                                                                                    | DP280              | 282.7                          | 7181                       | 9.2           |
| D285                                                                                    | DP285              | 287.7                          | 7308                       | 9.4           |
| D300                                                                                    | DP300              | 302.7                          | 7689                       | 9.9           |
| D315                                                                                    | DP315              | 317.7                          | 8070                       | 10.4          |
| D330                                                                                    | DP330              | 332.7                          | 8451                       | 10.9          |
| D345                                                                                    | DP345              | 347.7                          | 8832                       | 11.4          |
| D360                                                                                    | DP360              | 362.7                          | 9213                       | 12.0          |
| D390                                                                                    | DP390              | 392.7                          | 9975                       | 13.0          |
| D420                                                                                    | DP420              | 422.7                          | 10737                      | 14.0          |
| D450                                                                                    | DP450              | 453                            | 11506                      | 15.2          |
| D480                                                                                    | DP480              | 483                            | 12268                      | 16.2          |
| D540                                                                                    | DP540              | 543                            | 13792                      | 18.2          |
| D660                                                                                    | DP660              | 663                            | 16840                      | 22.3          |

| Part Number                                                                              | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|---------------|
| <b>E Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (E*)</b> |                    |                                |                            |               |
| E144                                                                                     | EP144              | 151.2                          | 3841                       | 7.9           |
| E180                                                                                     | EP180              | 187.2                          | 4755                       | 9.8           |
| E210                                                                                     | EP210              | 217.2                          | 5517                       | 11.4          |
| E225                                                                                     | EP225              | 228.7                          | 5809                       | 12.0          |
| E240                                                                                     | EP240              | 243.7                          | 6190                       | 12.8          |
| E250                                                                                     | EP250              | 253.7                          | 6444                       | 13.0          |
| E270                                                                                     | EP270              | 273.7                          | 6952                       | 14.4          |
| E300                                                                                     | EP300              | 303.7                          | 7714                       | 16.0          |
| E330                                                                                     | EP330              | 333.7                          | 8476                       | 17.6          |
| E360                                                                                     | EP360              | 363.7                          | 9238                       | 19.3          |
| E376                                                                                     | EP376              | 379.7                          | 9644                       | 20.2          |
| E390                                                                                     | EP390              | 393.7                          | 10000                      | 20.9          |
| E420                                                                                     | EP420              | 423.7                          | 10762                      | 22.5          |
| E480                                                                                     | EP480              | 483.7                          | 12286                      | 25.7          |
| E540                                                                                     | EP540              | 543.7                          | 13810                      | 29.0          |
| E660                                                                                     | EP660              | 663.7                          | 16858                      | 35.4          |

\* **Note:** E section v-belts are available for replacement on existing drives but are not recommended when designing a new drive.

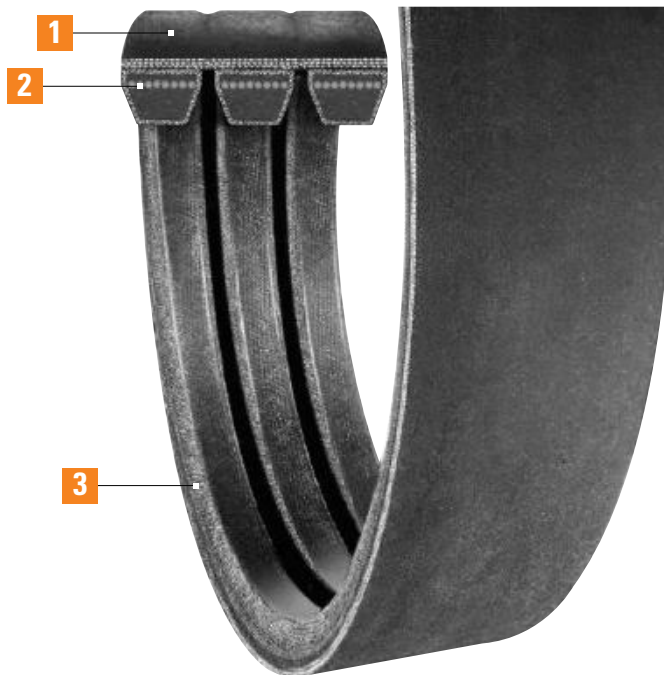
# Super Blue Ribbon® Band

## Banded Belt



# Super Blue Ribbon® Band

## Banded Belt



### 1 Reinforced Tie-Band

Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

### 2 Oversized Polyester Cord

High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

### 3 Heavy Duty Cover

Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

Banded version of Super Blue Ribbon V-Belt

Provides cross-wise rigidity for multiple belt drives

Minimizes belt turnover and whip

Smooth transfer of power

Long belt life

Wear resistant

Available in a wide range of sizes

### Applications:

Rock crushers  
Vibrating equipment  
Saws  
Pumps  
& More

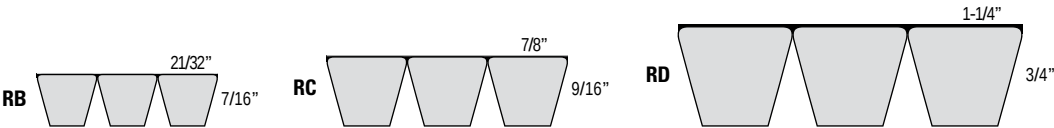
### Recommended Pulleys:

Conventional – QD, Taper Bushed, or MST (A-B, C, D)



# Super Blue Ribbon® Band

## Banded Belt



The banded version of our Super Blue Ribbon v-belt. Two or more Super Blue Ribbon v-belts are permanently joined together at the top with a reinforced tie-band. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.

Super Blue Ribbon® band, formerly Super Vee-Band®, is specifically designed to handle tough industrial applications like rock crushers, vibrating equipment, saws and pumps.

Super Blue Ribbon Band belts combine the long life and superior performance of Super Blue Ribbon v-belts with the stability of a banded belt. The specially compounded wrapped construction is ideal for clutching operations. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.

The static-dissipating Super Blue Ribbon Band provides superior resistance to oil and heat which is critical in these tough industrial applications.

For complete part number, add a hyphen followed by the number of ribs required. For example, RB100-3.



### Super Blue Ribbon Band Matching Limits

Matching limits for Super Blue Ribbon banded belts are shown in the table. If the match limit is 1, the bands must all have the same matching code or “sag” number. If the match limit is 2, a matched set may consist of any 2 adjacent matching codes or “sag” numbers, etc.

| Product Type and Length Code | Match Limit |
|------------------------------|-------------|
| Super Blue Ribbon Band       |             |
| RB35-RB60                    | 1           |
| RB61 - RB144                 | 2           |
| RB148 and up                 | 3           |
| RC51 - RC60                  | 1           |
| RC68 - RC144                 | 2           |
| RC158 and up                 | 3           |
| RD120-RD144                  | 2           |
| RD158 and up                 | 3           |

**Note:** Super Blue Ribbon Band (formerly Super Vee-Band) nomenclature included the letter “P”. The nomenclature was changed to align with industry standards. This catalog includes both legacy part numbers and current part numbers for interchange purposes only.

# Super Blue Ribbon® Band

## Banded Belt

### Super Blue Ribbon® Band Part Numbers

| Part Number                                                                                         | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|-----------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RB – Banded B Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |                       |
| RB35                                                                                                | RBP35              | 39                             | 991                        | 0.5                   |
| RB38                                                                                                | RBP38              | 42                             | 1067                       | 0.5                   |
| RB40                                                                                                | RBP40              | 44                             | 1118                       | 0.6                   |
| RB41                                                                                                | RBP41              | 45                             | 1143                       | 0.6                   |
| RB42                                                                                                | RBP42              | 46                             | 1168                       | 0.6                   |
| RB43                                                                                                | RBP43              | 47                             | 1194                       | 0.6                   |
| RB44                                                                                                | RBP44              | 48                             | 1219                       | 0.7                   |
| RB46                                                                                                | RBP46              | 50                             | 1270                       | 0.7                   |
| RB48                                                                                                | RBP48              | 52                             | 1321                       | 0.7                   |
| RB49                                                                                                | RBP49              | 53                             | 1346                       | 0.7                   |
| RB50                                                                                                | RBP50              | 54                             | 1372                       | 0.7                   |
| RB51                                                                                                | RBP51              | 55                             | 1397                       | 0.8                   |
| RB52                                                                                                | RBP52              | 56                             | 1422                       | 0.8                   |
| RB53                                                                                                | RBP53              | 57                             | 1448                       | 0.8                   |
| RB54                                                                                                | RBP54              | 58                             | 1473                       | 0.8                   |
| RB55                                                                                                | RBP55              | 59                             | 1499                       | 0.8                   |
| RB56                                                                                                | RBP56              | 60                             | 1524                       | 0.8                   |
| RB57                                                                                                | RBP57              | 61                             | 1549                       | 0.8                   |
| RB58                                                                                                | RBP58              | 62                             | 1575                       | 0.8                   |
| RB59                                                                                                | RBP59              | 63                             | 1600                       | 0.9                   |
| RB60                                                                                                | RBP60              | 64                             | 1626                       | 0.9                   |
| RB61                                                                                                | RBP61              | 65                             | 1651                       | 0.9                   |
| RB62                                                                                                | RBP62              | 66                             | 1676                       | 0.9                   |
| RB63                                                                                                | RBP63              | 67                             | 1702                       | 0.9                   |
| RB64                                                                                                | RBP64              | 68                             | 1727                       | 0.9                   |
| RB65                                                                                                | RBP65              | 69                             | 1753                       | 0.9                   |
| RB66                                                                                                | RBP66              | 70                             | 1778                       | 1.0                   |
| RB67                                                                                                | RBP67              | 71                             | 1803                       | 1.0                   |
| RB68                                                                                                | RBP68              | 72                             | 1829                       | 1.0                   |
| RB70                                                                                                | RBP70              | 74                             | 1880                       | 1.0                   |
| RB71                                                                                                | RBP71              | 75                             | 1905                       | 1.0                   |
| RB72                                                                                                | RBP72              | 76                             | 1930                       | 1.0                   |
| RB73                                                                                                | RBP73              | 77                             | 1956                       | 1.1                   |

Part Number Example: **RB100-3** =

**R**      **B**      **100**      -      **3**  
 Banded Construction    Cross Section    Inside Circumference (inches)    Number of Ribs

| Part Number                                                                                         | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|-----------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RB – Banded B Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |                       |
| RB74                                                                                                | RBP74              | 78                             | 1981                       | 1.1                   |
| RB75                                                                                                | RBP75              | 79                             | 2007                       | 1.0                   |
| RB77                                                                                                | RBP77              | 81                             | 2057                       | 1.0                   |
| RB78                                                                                                | RBP78              | 82                             | 2083                       | 1.0                   |
| RB79                                                                                                | RBP79              | 83                             | 2108                       | 1.0                   |
| RB80                                                                                                | RBP80              | 84                             | 2134                       | 1.0                   |
| RB81                                                                                                | RBP81              | 85                             | 2159                       | 1.1                   |
| RB82                                                                                                | RBP82              | 86                             | 2184                       | 1.1                   |
| RB83                                                                                                | RBP83              | 87                             | 2210                       | 1.1                   |
| RB85                                                                                                | RBP85              | 89                             | 2261                       | 1.2                   |
| RB87                                                                                                | RBP87              | 91                             | 2311                       | 1.2                   |
| RB88                                                                                                | RBP88              | 92                             | 2337                       | 1.2                   |
| RB90                                                                                                | RBP90              | 94                             | 2388                       | 1.2                   |
| RB91                                                                                                | RBP91              | 95                             | 2413                       | 1.3                   |
| RB92                                                                                                | RBP92              | 96                             | 2438                       | 1.3                   |
| RB93                                                                                                | RBP93              | 97                             | 2464                       | 1.2                   |
| RB94                                                                                                | RBP94              | 98                             | 2489                       | 1.4                   |
| RB95                                                                                                | RBP95              | 99                             | 2515                       | 1.2                   |
| RB96                                                                                                | RBP96              | 100                            | 2540                       | 1.3                   |
| RB97                                                                                                | RBP97              | 101                            | 2565                       | 1.2                   |
| RB99                                                                                                | RBP99              | 103                            | 2616                       | 1.3                   |
| RB100                                                                                               | RBP100             | 104                            | 2642                       | 1.3                   |
| RB103                                                                                               | RBP103             | 107                            | 2718                       | 1.3                   |
| RB104                                                                                               | RBP104             | 108                            | 2743                       | 1.5                   |
| RB105                                                                                               | RBP105             | 109                            | 2769                       | 1.3                   |
| RB106                                                                                               | RBP106             | 110                            | 2794                       | 1.5                   |
| RB108                                                                                               | RBP108             | 112                            | 2845                       | 1.4                   |
| RB109                                                                                               | RBP109             | 113                            | 2870                       | 1.5                   |
| RB112                                                                                               | RBP112             | 116                            | 2946                       | 1.4                   |
| RB115                                                                                               | RBP115             | 119                            | 3023                       | 1.6                   |
| RB120                                                                                               | RBP120             | 124                            | 3150                       | 1.5                   |
| RB124                                                                                               | RBP124             | 128                            | 3251                       | 1.6                   |
| RB126                                                                                               | RBP126             | 130                            | 3302                       | 1.8                   |

# Super Blue Ribbon® Band

## Banded Belt

### Super Blue Ribbon® Band Part Numbers

| Part Number                                                                                         | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|-----------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RB – Banded B Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                    |                                |                            |                       |
| RB128                                                                                               | RBP128             | 132                            | 3353                       | 1.6                   |
| RB130                                                                                               | RBP130             | 134                            | 3404                       | 1.8                   |
| RB131                                                                                               | RBP131             | 135                            | 3429                       | 1.9                   |
| RB133                                                                                               | RBP133             | 137                            | 3480                       | 1.7                   |
| RB134                                                                                               | RBP134             | 138                            | 3505                       | 1.9                   |
| RB136                                                                                               | RBP136             | 140                            | 3556                       | 1.7                   |
| RB138                                                                                               | RBP138             | 142                            | 3607                       | 1.9                   |
| RB140                                                                                               | RBP140             | 144                            | 3658                       | 1.9                   |
| RB141                                                                                               | RBP141             | 145                            | 3683                       | 2.0                   |
| RB142                                                                                               | RBP142             | 146                            | 3708                       | 2.0                   |
| RB144                                                                                               | RBP144             | 148                            | 3759                       | 1.8                   |
| RB145                                                                                               | RBP145             | 149                            | 3785                       | 2.0                   |
| RB146                                                                                               | RBP146             | 150                            | 3810                       | 2.0                   |
| RB148                                                                                               | RBP148             | 152                            | 3861                       | 1.9                   |
| RB150                                                                                               | RBP150             | 154                            | 3912                       | 2.1                   |
| RB158                                                                                               | RBP158             | 162                            | 4115                       | 2.0                   |
| RB162                                                                                               | RBP162             | 166                            | 4216                       | 2.2                   |
| RB171.5                                                                                             | RBP171.5           | 175.5                          | 4458                       | 2.4                   |
| RB173                                                                                               | RBP173             | 177                            | 4496                       | 2.2                   |
| RB180                                                                                               | RBP180             | 184                            | 4674                       | 2.2                   |
| RB195                                                                                               | RBP195             | 199                            | 5055                       | 2.5                   |
| RB210                                                                                               | RBP210             | 214                            | 5436                       | 2.9                   |
| RB225                                                                                               | RBP225             | 227.5                          | 5779                       | 3.1                   |
| RB240                                                                                               | RBP240             | 242.5                          | 6160                       | 3.3                   |
| RB255                                                                                               | RBP255             | 257.5                          | 6541                       | 3.5                   |
| RB270                                                                                               | RBP270             | 272.5                          | 6922                       | 3.8                   |
| RB285                                                                                               | RBP285             | 287.5                          | 7303                       | 4.0                   |
| RB300                                                                                               | RBP300             | 302.5                          | 7684                       | 4.2                   |
| RB315                                                                                               | RBP315             | 317.5                          | 8065                       | 4.4                   |

| Part Number                                                                                       | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RC – Banded C Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |                       |
| RC51                                                                                              | RCP51              | 56.3                           | 1430                       | 1.2                   |
| RC55                                                                                              | RCP55              | 60.3                           | 1532                       | 1.3                   |
| RC60                                                                                              | RCP60              | 65.3                           | 1659                       | 1.5                   |
| RC68                                                                                              | RCP68              | 73.3                           | 1862                       | 1.6                   |
| RC69                                                                                              | RCP69              | 74.3                           | 1887                       | 1.9                   |
| RC71                                                                                              | RCP71              | 76.3                           | 1938                       | 1.7                   |
| RC75                                                                                              | RCP75              | 80.3                           | 2040                       | 1.7                   |
| RC81                                                                                              | RCP81              | 86.3                           | 2192                       | 1.8                   |
| RC85                                                                                              | RCP85              | 90.3                           | 2294                       | 1.9                   |
| RC90                                                                                              | RCP90              | 95.3                           | 2421                       | 2.0                   |
| RC92                                                                                              | RCP92              | 97.3                           | 2471                       | 2.2                   |
| RC96                                                                                              | RCP96              | 101.3                          | 2573                       | 2.1                   |
| RC97                                                                                              | RCP97              | 102.3                          | 2598                       | 2.1                   |
| RC99                                                                                              | RCP99              | 104.3                          | 2649                       | 2.2                   |
| RC100                                                                                             | RCP100             | 105.3                          | 2675                       | 2.2                   |
| RC105                                                                                             | RCP105             | 110.3                          | 2802                       | 2.9                   |
| RC108                                                                                             | RCP108             | 113.3                          | 2878                       | 2.4                   |
| RC109                                                                                             | RCP109             | 114.3                          | 2903                       | 2.4                   |
| RC112                                                                                             | RCP112             | 117.3                          | 2979                       | 2.5                   |
| RC115                                                                                             | RCP115             | 120.3                          | 3056                       | 2.3                   |
| RC120                                                                                             | RCP120             | 125.3                          | 3183                       | 2.6                   |
| RC124                                                                                             | RCP124             | 129.3                          | 3284                       | 2.7                   |
| RC128                                                                                             | RCP128             | 133.3                          | 3386                       | 2.9                   |
| RC136                                                                                             | RCP136             | 141.3                          | 3589                       | 3.0                   |
| RC138                                                                                             | RCP138             | 143.3                          | 3640                       | 3.2                   |
| RC144                                                                                             | RCP144             | 149.3                          | 3792                       | 3.2                   |
| RC146                                                                                             | RCP146             | 151.3                          | 3843                       | 3.5                   |
| RC158                                                                                             | RCP158             | 163.3                          | 4148                       | 3.5                   |
| RC162                                                                                             | RCP162             | 167.3                          | 4249                       | 3.6                   |
| RC169                                                                                             | RCP169             | 174.3                          | 4427                       | 4.0                   |
| RC173                                                                                             | RCP173             | 178.3                          | 4529                       | 3.7                   |
| RC180                                                                                             | RCP180             | 185.3                          | 4707                       | 4.0                   |

# Super Blue Ribbon® Band

## Banded Belt

Part Number Example: **RC300-3** = **R** **C** **300** - **3**

Banded Construction
Cross Section
Inside Circumference (inches)
Number of Ribs

| Part Number                                                                                       | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RC – Banded C Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                    |                                |                            |                       |
| RC195                                                                                             | RCP195             | 200.3                          | 5088                       | 4.2                   |
| RC197                                                                                             | RCP197             | 202.3                          | 5138                       | 4.5                   |
| RC202                                                                                             | RCP202             | 207.3                          | 5265                       | 4.2                   |
| RC210                                                                                             | RCP210             | 215.3                          | 5469                       | 4.8                   |
| RC220                                                                                             | RCP220             | 225.3                          | 5723                       | 5.1                   |
| RC225                                                                                             | RCP225             | 228.3                          | 5799                       | 5.1                   |
| RC240                                                                                             | RCP240             | 243.3                          | 6180                       | 5.4                   |
| RC250                                                                                             | RCP250             | 253.3                          | 6434                       | 5.7                   |
| RC255                                                                                             | RCP255             | 258.3                          | 6561                       | 5.8                   |
| RC270                                                                                             | RCP270             | 273.3                          | 6942                       | 6.1                   |
| RC285                                                                                             | RCP285             | 288.3                          | 7323                       | 6.5                   |
| RC300                                                                                             | RCP300             | 303.3                          | 7704                       | 6.8                   |
| RC315                                                                                             | RCP315             | 318.3                          | 8085                       | 7.1                   |
| RC330                                                                                             | RCP330             | 333.3                          | 8466                       | 7.5                   |
| RC345                                                                                             | RCP345             | 348.3                          | 8847                       | 7.8                   |
| RC360                                                                                             | RCP360             | 363.3                          | 9228                       | 8.2                   |
| RC390                                                                                             | RCP390             | 393.3                          | 9990                       | 8.9                   |
| RC420                                                                                             | RCP420             | 423.3                          | 10752                      | 9.6                   |
| <b>RD – Banded D Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                    |                                |                            |                       |
| RD120                                                                                             | RDP120             | 126.4                          | 3211                       | 5.2                   |
| RD128                                                                                             | RDP128             | 134.4                          | 3414                       | 5.4                   |
| RD144                                                                                             | RDP144             | 150.4                          | 3820                       | 6.2                   |
| RD158                                                                                             | RDP158             | 164.4                          | 4176                       | 6.7                   |
| RD162                                                                                             | RDP162             | 168.4                          | 4277                       | 7.0                   |
| RD173                                                                                             | RDP173             | 179.4                          | 4557                       | 7.4                   |
| RD180                                                                                             | RDP180             | 186.4                          | 4735                       | 7.7                   |
| RD195                                                                                             | RDP195             | 201.4                          | 5116                       | 8.4                   |
| RD210                                                                                             | RDP210             | 216.4                          | 5497                       | 9.0                   |
| RD225                                                                                             | RDP225             | 228.9                          | 5814                       | 9.5                   |
| RD240                                                                                             | RDP240             | 243.9                          | 6195                       | 10.2                  |
| RD255                                                                                             | RDP255             | 258.9                          | 6576                       | 10.8                  |

| Part Number                                                                                       | Legacy Part Number | Outside Circumference (inches) | Outside Circumference (mm) | Weight per Rib (lbs.) |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------|-----------------------|
| <b>RD – Banded D Section Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                    |                                |                            |                       |
| RD270                                                                                             | RDP270             | 273.9                          | 6957                       | 11.4                  |
| RD285                                                                                             | RDP285             | 288.9                          | 7338                       | 12.0                  |
| RD300                                                                                             | RDP300             | 303.9                          | 7719                       | 12.7                  |
| RD315                                                                                             | RDP315             | 318.9                          | 8100                       | 13.3                  |
| RD330                                                                                             | RDP330             | 333.9                          | 8481                       | 13.9                  |
| RD345                                                                                             | RDP345             | 348.9                          | 8862                       | 14.6                  |
| RD360                                                                                             | RDP360             | 363.9                          | 9243                       | 15.3                  |
| RD390                                                                                             | RDP390             | 393.9                          | 10005                      | 16.6                  |
| RD420                                                                                             | RDP420             | 423.8                          | 10765                      | 17.8                  |
| RD450                                                                                             | RDP450             | 453.8                          | 11527                      | 19.1                  |
| RD480                                                                                             | RDP480             | 483.8                          | 12289                      | 20.4                  |
| RD540                                                                                             | RDP540             | 543.8                          | 13813                      | 22.9                  |
| RD600                                                                                             | RDP600             | 603.8                          | 15337                      | 25.4                  |
| RD660                                                                                             | RDP660             | 663.8                          | 16861                      | 28.0                  |



For complete part number, add number of ribs required as indicated in example above.

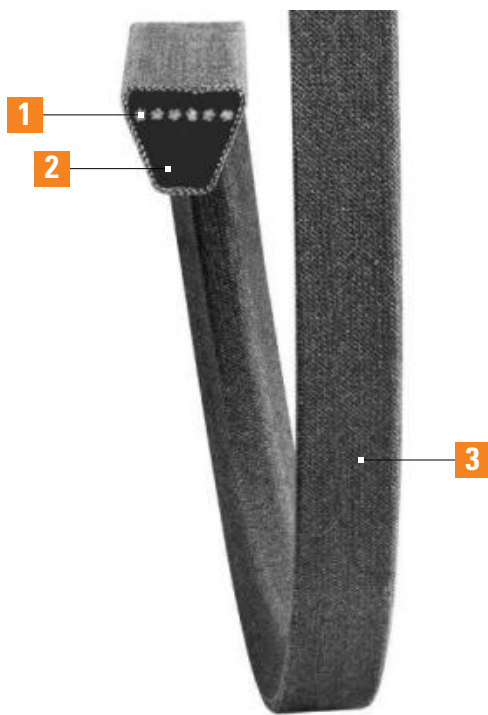
# Aramax® Xtra Duty

## V-Belt



# Aramax® Xtra Duty

## V-Belt



**1 Aramid Tensile Cord**  
Carries load with extraordinary strength and durability

**2 Premium Rubber Compound**  
Specially formulated compound for long belt life

**3 Clutching Cover**  
Superior fabric for smooth clutching and resistance to rollover

**Recommended Sheaves:**  
Conventional – QD, Taper Bushed, or MST (A-B)

Aramid cord is strong and durable

Premium rubber compound provides long belt life

Smooth clutching cover for shock-loaded, backside-idler drives

Superior shock resistance

Resists rollover

Oil and heat resistant

### Applications:

Outdoor power equipment including  
Lawnmowers  
Edgers  
Snow blowers  
Tillers  
Shredders  
Splitters  
& More

Synchronous Belts

V-Belts

Specialty Belts

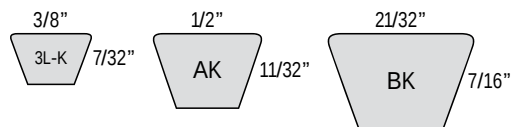
Tools

General Information



# Aramax® Xtra Duty

## V-Belt



**Extra duty v-belt made with Aramid cord and a smooth clutching cover. Aramax Xtra Duty v-belts are designed for aggressive, heavy shock loaded, and backside-idler driven applications.**

### Performance Driven. Performance Proven.

- Aramax® Xtra Duty v-belts are designed for outdoor power equipment and feature a brown smooth clutching cover and strong aramid cord. This high performance construction delivers more horsepower, less stretch and longer service life than v-belts with polyester cord.

### Features/Advantages

- Superior clutching fabric
  - Smooth clutching
  - Increased thread count
  - Resistance to rollover
- Aramid tensile cord
  - Increased strength and durability
  - Reduced stretch
- Oil and heat resistant

### Sizes

- 3L, A, B cross sections
  - 3L sizes use the industry standard part number ending in K
  - Classical part numbers are AK, BK

**Note:** When Aramax belts are used as a matched set, all belts must have the same SAG number. These high modulus aramid cord belts require closer matching than standard belts in order to tension properly and work together as a set.

## Aramax® Xtra Duty V-Belt

### Part Numbers

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3L Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| 3L150K                                                                                     | 15.4                           | 391                        | 0.1           |
| 3L160K                                                                                     | 16.4                           | 417                        | 0.1           |
| 3L170K                                                                                     | 17.4                           | 442                        | 0.1           |
| 3L180K                                                                                     | 18.4                           | 467                        | 0.1           |
| 3L190K                                                                                     | 19.4                           | 493                        | 0.1           |
| 3L200K                                                                                     | 20.4                           | 518                        | 0.1           |
| 3L210K                                                                                     | 21.4                           | 544                        | 0.1           |
| 3L220K                                                                                     | 22.4                           | 569                        | 0.1           |
| 3L230K                                                                                     | 23.4                           | 594                        | 0.1           |
| 3L240K                                                                                     | 24.4                           | 620                        | 0.1           |
| 3L250K                                                                                     | 25.4                           | 645                        | 0.1           |
| 3L260K                                                                                     | 26.4                           | 671                        | 0.1           |
| 3L270K                                                                                     | 27.4                           | 696                        | 0.1           |
| 3L280K                                                                                     | 28.4                           | 721                        | 0.1           |
| 3L290K                                                                                     | 29.4                           | 747                        | 0.1           |
| 3L300K                                                                                     | 30.4                           | 772                        | 0.1           |
| 3L310K                                                                                     | 31.4                           | 798                        | 0.1           |
| 3L320K                                                                                     | 32.4                           | 823                        | 0.1           |
| 3L330K                                                                                     | 33.4                           | 848                        | 0.1           |
| 3L340K                                                                                     | 34.4                           | 874                        | 0.1           |
| 3L350K                                                                                     | 35.4                           | 899                        | 0.1           |
| 3L360K                                                                                     | 36.4                           | 925                        | 0.1           |
| 3L370K                                                                                     | 37.4                           | 950                        | 0.1           |
| 3L380K                                                                                     | 38.4                           | 975                        | 0.1           |
| 3L390K                                                                                     | 39.4                           | 1001                       | 0.1           |
| 3L400K                                                                                     | 40.4                           | 1026                       | 0.1           |
| 3L410K                                                                                     | 41.4                           | 1052                       | 0.1           |
| 3L420K                                                                                     | 42.4                           | 1077                       | 0.1           |
| 3L430K                                                                                     | 43.4                           | 1102                       | 0.1           |
| 3L440K                                                                                     | 44.4                           | 1128                       | 0.1           |
| 3L450K                                                                                     | 45.4                           | 1153                       | 0.1           |
| 3L460K                                                                                     | 46.4                           | 1179                       | 0.1           |
| 3L470K                                                                                     | 47.4                           | 1204                       | 0.1           |



# Aramax® Xtra Duty

## V-Belt

Part Number Example: **AK15** = **A** **K** **15**  
Cross Section      Aramid Cord Construction      Inside Circumference (inches)

| Part Number                                                                                | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|--------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3L Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| 3L480K                                                                                     | 48.4                           | 1229                       | 0.1           |
| 3L490K                                                                                     | 49.4                           | 1255                       | 0.1           |
| 3L500K                                                                                     | 50.4                           | 1280                       | 0.2           |
| 3L510K                                                                                     | 51.4                           | 1306                       | 0.2           |
| 3L520K                                                                                     | 52.4                           | 1331                       | 0.2           |
| 3L530K                                                                                     | 53.4                           | 1356                       | 0.2           |
| 3L540K                                                                                     | 54.4                           | 1382                       | 0.2           |
| 3L550K                                                                                     | 55.4                           | 1407                       | 0.2           |
| 3L560K                                                                                     | 56.4                           | 1433                       | 0.2           |
| 3L570K                                                                                     | 57.4                           | 1458                       | 0.2           |
| 3L580K                                                                                     | 58.6                           | 1488                       | 0.2           |
| 3L590K                                                                                     | 59.4                           | 1509                       | 0.2           |
| 3L600K                                                                                     | 60.4                           | 1534                       | 0.2           |
| 3L610K                                                                                     | 61.4                           | 1560                       | 0.2           |
| 3L620K                                                                                     | 62.4                           | 1585                       | 0.2           |
| 3L740K                                                                                     | 74.4                           | 1890                       | 0.2           |
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b>  |                                |                            |               |
| AK15                                                                                       | 17.5                           | 445                        | 0.1           |
| AK16                                                                                       | 18.5                           | 470                        | 0.1           |
| AK17                                                                                       | 19.5                           | 495                        | 0.1           |
| AK18                                                                                       | 20.5                           | 521                        | 0.1           |
| AK19                                                                                       | 21.5                           | 546                        | 0.1           |
| AK20                                                                                       | 22.6                           | 574                        | 0.1           |
| AK21                                                                                       | 23.7                           | 602                        | 0.1           |
| AK22                                                                                       | 24.7                           | 627                        | 0.1           |
| AK23                                                                                       | 25.6                           | 650                        | 0.1           |
| AK24                                                                                       | 26.7                           | 678                        | 0.1           |
| AK25                                                                                       | 27.8                           | 706                        | 0.2           |
| AK26                                                                                       | 28.8                           | 732                        | 0.2           |
| AK27                                                                                       | 29.8                           | 757                        | 0.2           |
| AK28                                                                                       | 30.7                           | 780                        | 0.2           |
| AK29                                                                                       | 31.7                           | 805                        | 0.2           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AK30                                                                                      | 32.7                           | 831                        | 0.2           |
| AK31                                                                                      | 33.7                           | 856                        | 0.2           |
| AK32                                                                                      | 34.7                           | 881                        | 0.2           |
| AK33                                                                                      | 35.8                           | 909                        | 0.2           |
| AK34                                                                                      | 36.8                           | 935                        | 0.2           |
| AK35                                                                                      | 37.7                           | 958                        | 0.2           |
| AK36                                                                                      | 38.7                           | 983                        | 0.2           |
| AK37                                                                                      | 39.4                           | 1001                       | 0.2           |
| AK38                                                                                      | 40.7                           | 1034                       | 0.2           |
| AK39                                                                                      | 41.7                           | 1059                       | 0.2           |
| AK40                                                                                      | 42.7                           | 1085                       | 0.2           |
| AK41                                                                                      | 43.8                           | 1113                       | 0.2           |
| AK42                                                                                      | 44.7                           | 1135                       | 0.2           |
| AK43                                                                                      | 45.8                           | 1163                       | 0.3           |
| AK44                                                                                      | 46.7                           | 1186                       | 0.3           |
| AK45                                                                                      | 47.6                           | 1209                       | 0.3           |
| AK46                                                                                      | 48.7                           | 1237                       | 0.3           |
| AK47                                                                                      | 49.8                           | 1265                       | 0.3           |
| AK48                                                                                      | 50.5                           | 1283                       | 0.3           |
| AK49                                                                                      | 51.7                           | 1313                       | 0.3           |
| AK50                                                                                      | 52.6                           | 1336                       | 0.3           |
| AK51                                                                                      | 53.7                           | 1364                       | 0.3           |
| AK52                                                                                      | 54.8                           | 1392                       | 0.3           |
| AK53                                                                                      | 55.7                           | 1415                       | 0.3           |
| AK54                                                                                      | 56.8                           | 1443                       | 0.3           |
| AK55                                                                                      | 57.8                           | 1468                       | 0.3           |
| AK56                                                                                      | 58.7                           | 1491                       | 0.3           |
| AK57                                                                                      | 59.7                           | 1516                       | 0.3           |
| AK58                                                                                      | 60.6                           | 1539                       | 0.3           |
| AK59                                                                                      | 61.7                           | 1567                       | 0.3           |
| AK60                                                                                      | 62.7                           | 1593                       | 0.3           |
| AK61                                                                                      | 63.7                           | 1618                       | 0.4           |
| AK62                                                                                      | 64.7                           | 1643                       | 0.4           |

# Aramax® Xtra Duty

## V-Belt

### Aramax® Xtra Duty V-Belt Part Numbers

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AK63                                                                                      | 65.7                           | 1669                       | 0.4           |
| AK64                                                                                      | 66.7                           | 1694                       | 0.4           |
| AK65                                                                                      | 67.7                           | 1720                       | 0.4           |
| AK66                                                                                      | 68.7                           | 1745                       | 0.4           |
| AK67                                                                                      | 69.7                           | 1770                       | 0.4           |
| AK68                                                                                      | 70.7                           | 1796                       | 0.4           |
| AK69                                                                                      | 71.7                           | 1821                       | 0.4           |
| AK70                                                                                      | 72.8                           | 1849                       | 0.4           |
| AK71                                                                                      | 73.8                           | 1875                       | 0.4           |
| AK72                                                                                      | 74.8                           | 1900                       | 0.4           |
| AK73                                                                                      | 75.6                           | 1920                       | 0.4           |
| AK74                                                                                      | 76.7                           | 1948                       | 0.4           |
| AK75                                                                                      | 77.8                           | 1976                       | 0.4           |
| AK76                                                                                      | 78.8                           | 2002                       | 0.4           |
| AK77                                                                                      | 79.8                           | 2027                       | 0.4           |
| AK78                                                                                      | 80.8                           | 2052                       | 0.4           |
| AK79                                                                                      | 81.8                           | 2078                       | 0.5           |
| AK80                                                                                      | 82.8                           | 2103                       | 0.5           |
| AK81                                                                                      | 83.8                           | 2129                       | 0.5           |
| AK82                                                                                      | 84.8                           | 2154                       | 0.5           |
| AK83                                                                                      | 85.6                           | 2174                       | 0.5           |
| AK84                                                                                      | 86.7                           | 2202                       | 0.5           |
| AK85                                                                                      | 87.8                           | 2230                       | 0.5           |
| AK86                                                                                      | 88.6                           | 2250                       | 0.5           |
| AK87                                                                                      | 89.8                           | 2281                       | 0.5           |
| AK88                                                                                      | 90.8                           | 2306                       | 0.5           |
| AK89                                                                                      | 91.8                           | 2332                       | 0.5           |
| AK90                                                                                      | 92.8                           | 2357                       | 0.5           |
| AK91                                                                                      | 93.8                           | 2383                       | 0.5           |
| AK92                                                                                      | 94.8                           | 2408                       | 0.5           |
| AK93                                                                                      | 95.8                           | 2433                       | 0.5           |
| AK94                                                                                      | 96.8                           | 2459                       | 0.5           |
| AK95                                                                                      | 97.8                           | 2484                       | 0.5           |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>A Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AK96                                                                                      | 98.8                           | 2510                       | 0.5           |
| AK97                                                                                      | 99.8                           | 2535                       | 0.6           |
| AK98                                                                                      | 100.8                          | 2560                       | 0.6           |
| AK100                                                                                     | 102.8                          | 2611                       | 0.6           |
| AK101                                                                                     | 103.7                          | 2634                       | 0.6           |
| AK103                                                                                     | 105.7                          | 2685                       | 0.6           |
| AK105                                                                                     | 107.6                          | 2733                       | 0.6           |
| AK112                                                                                     | 114.8                          | 2916                       | 0.6           |
| AK115                                                                                     | 117.5                          | 2985                       | 0.7           |
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BK20                                                                                      | 23.5                           | 597                        | 0.2           |
| BK21                                                                                      | 24.5                           | 622                        | 0.2           |
| BK22                                                                                      | 25.5                           | 648                        | 0.2           |
| BK23                                                                                      | 26.5                           | 673                        | 0.2           |
| BK24                                                                                      | 27.5                           | 699                        | 0.2           |
| BK25                                                                                      | 28.5                           | 724                        | 0.2           |
| BK26                                                                                      | 29.5                           | 749                        | 0.2           |
| BK27                                                                                      | 30.5                           | 775                        | 0.2           |
| BK28                                                                                      | 31.6                           | 803                        | 0.3           |
| BK29                                                                                      | 32.5                           | 826                        | 0.2           |
| BK30                                                                                      | 33.5                           | 851                        | 0.3           |
| BK31                                                                                      | 34.5                           | 876                        | 0.3           |
| BK32                                                                                      | 35.6                           | 904                        | 0.3           |
| BK33                                                                                      | 36.4                           | 925                        | 0.3           |
| BK34                                                                                      | 37.3                           | 947                        | 0.4           |
| BK35                                                                                      | 38.6                           | 980                        | 0.4           |
| BK36                                                                                      | 39.6                           | 1006                       | 0.4           |
| BK37                                                                                      | 40.6                           | 1031                       | 0.4           |
| BK38                                                                                      | 41.6                           | 1057                       | 0.4           |
| BK39                                                                                      | 42.6                           | 1082                       | 0.4           |
| BK40                                                                                      | 43.6                           | 1107                       | 0.4           |
| BK41                                                                                      | 44                             | 1118                       | 0.4           |

# Aramax® Xtra Duty

## V-Belt

Part Number Example: **BK50** = **B** **K** **50**  
 Cross Section      Aramid Cord Construction      Inside Circumference (inches)

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BK42                                                                                      | 45                             | 1143                       | 0.4           |
| BK43                                                                                      | 46.6                           | 1184                       | 0.4           |
| BK44                                                                                      | 47.4                           | 1204                       | 0.4           |
| BK45                                                                                      | 48.6                           | 1234                       | 0.5           |
| BK46                                                                                      | 49.5                           | 1257                       | 0.5           |
| BK47                                                                                      | 50.1                           | 1273                       | 0.5           |
| BK48                                                                                      | 51.1                           | 1298                       | 0.5           |
| BK49                                                                                      | 52.3                           | 1328                       | 0.5           |
| BK50                                                                                      | 53.3                           | 1354                       | 0.5           |
| BK51                                                                                      | 54.4                           | 1382                       | 0.5           |
| BK52                                                                                      | 55.1                           | 1400                       | 0.5           |
| BK53                                                                                      | 56.3                           | 1430                       | 0.5           |
| BK54                                                                                      | 57.1                           | 1450                       | 0.5           |
| BK55                                                                                      | 58.4                           | 1483                       | 0.6           |
| BK56                                                                                      | 59.5                           | 1511                       | 0.6           |
| BK57                                                                                      | 60.4                           | 1534                       | 0.6           |
| BK58                                                                                      | 61.4                           | 1560                       | 0.6           |
| BK59                                                                                      | 62.1                           | 1577                       | 0.6           |
| BK60                                                                                      | 63.6                           | 1615                       | 0.6           |
| BK61                                                                                      | 64.1                           | 1628                       | 0.6           |
| BK62                                                                                      | 65.2                           | 1656                       | 0.6           |
| BK63                                                                                      | 66.1                           | 1679                       | 0.6           |
| BK64                                                                                      | 67.5                           | 1715                       | 0.6           |
| BK65                                                                                      | 68.5                           | 1740                       | 0.7           |
| BK66                                                                                      | 69.4                           | 1763                       | 0.7           |
| BK67                                                                                      | 70.6                           | 1793                       | 0.7           |
| BK68                                                                                      | 71.4                           | 1814                       | 0.7           |
| BK69                                                                                      | 72.6                           | 1844                       | 0.7           |
| BK70                                                                                      | 73.3                           | 1862                       | 0.7           |
| BK71                                                                                      | 74.4                           | 1890                       | 0.7           |
| BK72                                                                                      | 75.6                           | 1920                       | 0.7           |
| BK73                                                                                      | 76.4                           | 1941                       | 0.7           |
| BK74                                                                                      | 77.6                           | 1971                       | 0.7           |

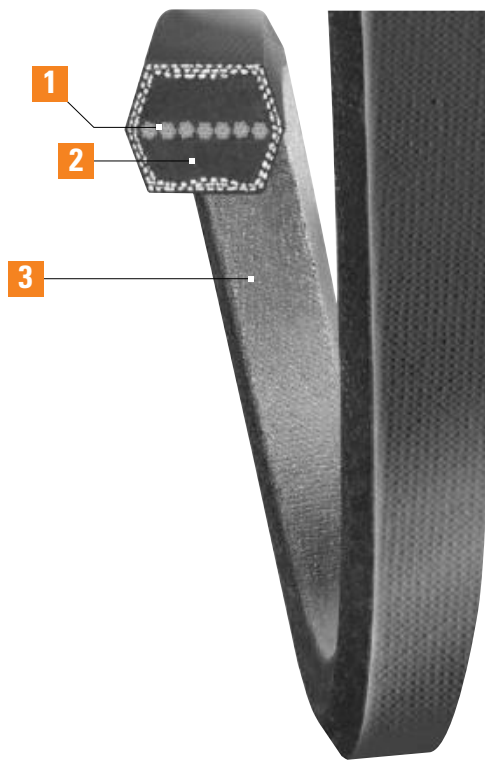
| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BK75                                                                                      | 78.4                           | 1991                       | 0.7           |
| BK76                                                                                      | 79.4                           | 2017                       | 0.8           |
| BK77                                                                                      | 80.6                           | 2047                       | 0.8           |
| BK78                                                                                      | 81.6                           | 2073                       | 0.8           |
| BK79                                                                                      | 82.6                           | 2098                       | 0.8           |
| BK80                                                                                      | 83.6                           | 2123                       | 0.8           |
| BK81                                                                                      | 84.6                           | 2149                       | 0.8           |
| BK82                                                                                      | 85.6                           | 2174                       | 0.8           |
| BK83                                                                                      | 86.5                           | 2197                       | 0.8           |
| BK84                                                                                      | 87.6                           | 2225                       | 0.8           |
| BK85                                                                                      | 88.6                           | 2250                       | 0.8           |
| BK86                                                                                      | 89.6                           | 2276                       | 0.9           |
| BK87                                                                                      | 90.6                           | 2301                       | 0.9           |
| BK88                                                                                      | 91.6                           | 2327                       | 0.9           |
| BK89                                                                                      | 92.6                           | 2352                       | 0.9           |
| BK90                                                                                      | 93.6                           | 2377                       | 0.9           |
| BK91                                                                                      | 94.5                           | 2400                       | 0.9           |
| BK92                                                                                      | 95.5                           | 2426                       | 0.9           |
| BK93                                                                                      | 96.6                           | 2454                       | 0.9           |
| BK94                                                                                      | 97.6                           | 2479                       | 0.9           |
| BK95                                                                                      | 98.6                           | 2504                       | 0.9           |
| BK96                                                                                      | 99.6                           | 2530                       | 1.0           |
| BK97                                                                                      | 100.6                          | 2555                       | 1.0           |
| BK98                                                                                      | 101.5                          | 2578                       | 1.0           |
| BK100                                                                                     | 103.6                          | 2631                       | 1.0           |
| BK103                                                                                     | 106.5                          | 2705                       | 1.1           |
| BK105                                                                                     | 108.5                          | 2756                       | 1.0           |
| BK112                                                                                     | 115.5                          | 2934                       | 1.1           |
| BK128                                                                                     | 131.5                          | 3340                       | 1.3           |

# Double Angle

## V-Belt



# Double Angle V-Belt



- 1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

- 2 Compression Section**  
Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.

- 3 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Sheaves:**  
Conventional – QD, Taper Bushed, or MST (B, C)

Power transmitted from both sides of the belt

Special polymer provides long life

Smooth running

Resists wear, heat, ozone, and oil

**Applications:**

- Conveyors
- Mills
- Cooling or heating drums
- & More

Synchronous Belts

V-Belts

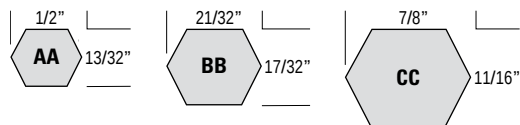
Specialty Belts

Tools

General Information

# Double Angle

## V-Belt



**Double angle hexagonal v-belts designed for drives where power needs to be transmitted equally from both sides of the belt.**



The heavy-duty cover is impregnated with oil and heat resistant rubber. The centrally located cord and special rubber compound assures long belt life and capable horsepower capacity from both sides of the belt.

### Features/Advantages

- Oversized high-modulus cord carries the horsepower load with minimum stretch
  - Centrally located cord adds belt strength and stability during peak shock loads
- Heavy duty stress-relieved cover
  - Fabric is impregnated with engineered rubber compounds to protect the core and assure a smooth transfer of power
- Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life
  - Resistant to abrasive wear, oil, heat, and environmental conditions
  - Smooth running
- Special rubber compound provides long life
- Available in AA, BB, and CC cross sections

## Double Angle V-Belt Part Numbers

| Part Number                                                                                    | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>AA Section – Recommended Sheaves:<br/>A-B Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| AA51                                                                                           | 54.4                           | 1382                       | 0.4           |
| AA55                                                                                           | 58.6                           | 1488                       | 0.4           |
| AA60                                                                                           | 63.4                           | 1610                       | 0.5           |
| AA62                                                                                           | 65.3                           | 1659                       | 0.5           |
| AA64                                                                                           | 67.6                           | 1717                       | 0.5           |
| AA66                                                                                           | 69.3                           | 1760                       | 0.5           |
| AA68                                                                                           | 71.2                           | 1809                       | 0.5           |
| AA70                                                                                           | 73.3                           | 1862                       | 0.6           |
| AA75                                                                                           | 78.6                           | 1996                       | 0.6           |
| AA78                                                                                           | 81.3                           | 2065                       | 0.6           |
| AA80                                                                                           | 83.3                           | 2116                       | 0.6           |
| AA85                                                                                           | 88.3                           | 2243                       | 0.7           |
| AA90                                                                                           | 93.5                           | 2375                       | 0.7           |
| AA92                                                                                           | 95.3                           | 2421                       | 0.7           |
| AA96                                                                                           | 99.3                           | 2522                       | 0.7           |
| AA105                                                                                          | 108.3                          | 2751                       | 0.8           |
| AA112                                                                                          | 115.3                          | 2929                       | 0.9           |
| AA120                                                                                          | 123.3                          | 3132                       | 0.9           |
| AA128                                                                                          | 131.3                          | 3335                       | 1.0           |
| AA130                                                                                          | 133.3                          | 3386                       | 1.0           |
| AA131                                                                                          | 134.3                          | 3411                       | 1.0           |
| AA136                                                                                          | 139.3                          | 3538                       | 1.1           |
| AA148                                                                                          | 151.3                          | 3843                       | 1.1           |
| AA161                                                                                          | 164.3                          | 4173                       | 1.2           |
| AA163                                                                                          | 166.3                          | 4224                       | 1.3           |
| AA184                                                                                          | 187.3                          | 4757                       | 1.4           |
| <b>BB Section – Recommended Sheaves:<br/>A-B Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |               |
| BB42                                                                                           | 46.6                           | 1184                       | 0.6           |
| BB43                                                                                           | 47.6                           | 1209                       | 0.6           |
| BB45                                                                                           | 49.6                           | 1260                       | 0.6           |
| BB51                                                                                           | 55.2                           | 1402                       | 0.7           |

# Double Angle

## V-Belt

Part Number Example: **AA51** = **AA** **51**  
Cross Section Inside Circumference (inches)

| Part Number                                                                              | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BB Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (B)</b> |                                |                            |               |
| BB53                                                                                     | 57.2                           | 1453                       | 0.7           |
| BB54                                                                                     | 58.6                           | 1488                       | 0.7           |
| BB55                                                                                     | 59.6                           | 1514                       | 0.7           |
| BB60                                                                                     | 64.5                           | 1638                       | 0.8           |
| BB64                                                                                     | 68.2                           | 1732                       | 0.9           |
| BB68                                                                                     | 72.5                           | 1842                       | 0.9           |
| BB71                                                                                     | 75.2                           | 1910                       | 0.9           |
| BB72                                                                                     | 76.2                           | 1936                       | 1.0           |
| BB73                                                                                     | 77.2                           | 1961                       | 1.0           |
| BB74                                                                                     | 78.2                           | 1986                       | 1.0           |
| BB75                                                                                     | 79.2                           | 2012                       | 1.0           |
| BB76                                                                                     | 80.2                           | 2037                       | 1.0           |
| BB77                                                                                     | 81.2                           | 2063                       | 1.0           |
| BB78                                                                                     | 82.2                           | 2088                       | 1.0           |
| BB80                                                                                     | 84.2                           | 2139                       | 1.1           |
| BB81                                                                                     | 85.2                           | 2164                       | 1.1           |
| BB83                                                                                     | 87.2                           | 2215                       | 1.1           |
| BB85                                                                                     | 89.2                           | 2266                       | 1.1           |
| BB89                                                                                     | 93.2                           | 2367                       | 1.2           |
| BB90                                                                                     | 94.2                           | 2393                       | 1.2           |
| BB91                                                                                     | 95.2                           | 2418                       | 1.2           |
| BB92                                                                                     | 96.2                           | 2444                       | 1.2           |
| BB93                                                                                     | 97.2                           | 2469                       | 1.2           |
| BB94                                                                                     | 98.2                           | 2494                       | 1.2           |
| BB95                                                                                     | 99.2                           | 2520                       | 1.3           |
| BB96                                                                                     | 100.2                          | 2545                       | 1.3           |
| BB97                                                                                     | 101.2                          | 2571                       | 1.3           |
| BB100                                                                                    | 104.2                          | 2647                       | 1.3           |
| BB102                                                                                    | 106.2                          | 2698                       | 1.3           |
| BB103                                                                                    | 107.2                          | 2723                       | 1.4           |
| BB105                                                                                    | 109.2                          | 2774                       | 1.4           |
| BB107                                                                                    | 111.2                          | 2825                       | 1.4           |

| Part Number                                                                              | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BB Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (B)</b> |                                |                            |               |
| BB108                                                                                    | 112.2                          | 2850                       | 1.4           |
| BB111                                                                                    | 115.2                          | 2926                       | 1.5           |
| BB112                                                                                    | 116.2                          | 2952                       | 1.5           |
| BB116                                                                                    | 120.2                          | 3053                       | 1.5           |
| BB117                                                                                    | 121.2                          | 3079                       | 1.5           |
| BB118                                                                                    | 122.2                          | 3104                       | 1.5           |
| BB120                                                                                    | 124.2                          | 3155                       | 1.6           |
| BB122                                                                                    | 126.2                          | 3206                       | 1.6           |
| BB123                                                                                    | 127.2                          | 3231                       | 1.6           |
| BB124                                                                                    | 128.2                          | 3256                       | 1.6           |
| BB128                                                                                    | 132.2                          | 3358                       | 1.7           |
| BB129                                                                                    | 133.2                          | 3383                       | 1.7           |
| BB130                                                                                    | 134.2                          | 3409                       | 1.7           |
| BB131                                                                                    | 135.2                          | 3434                       | 1.7           |
| BB136                                                                                    | 140.2                          | 3561                       | 1.8           |
| BB140                                                                                    | 145.2                          | 3688                       | 1.8           |
| BB144                                                                                    | 149.2                          | 3790                       | 1.9           |
| BB155                                                                                    | 160.2                          | 4069                       | 2.0           |
| BB157                                                                                    | 162.2                          | 4120                       | 2.1           |
| BB158                                                                                    | 163.2                          | 4145                       | 2.1           |
| BB160                                                                                    | 165.2                          | 4196                       | 2.1           |
| BB162                                                                                    | 167.2                          | 4247                       | 2.1           |
| BB168                                                                                    | 173.2                          | 4399                       | 2.2           |
| BB169                                                                                    | 174.2                          | 4425                       | 2.2           |
| BB170                                                                                    | 175.2                          | 4450                       | 2.2           |
| BB173                                                                                    | 178.2                          | 4526                       | 2.3           |
| BB180                                                                                    | 185.2                          | 4704                       | 2.4           |
| BB182                                                                                    | 187.2                          | 4755                       | 2.4           |
| BB190                                                                                    | 195.2                          | 4958                       | 2.5           |
| BB195                                                                                    | 200.2                          | 5085                       | 2.5           |
| BB210                                                                                    | 214.2                          | 5441                       | 2.7           |
| BB225                                                                                    | 227.7                          | 5784                       | 2.9           |



# Double Angle

## V-Belt

### Double Angle V-Belt Part Numbers

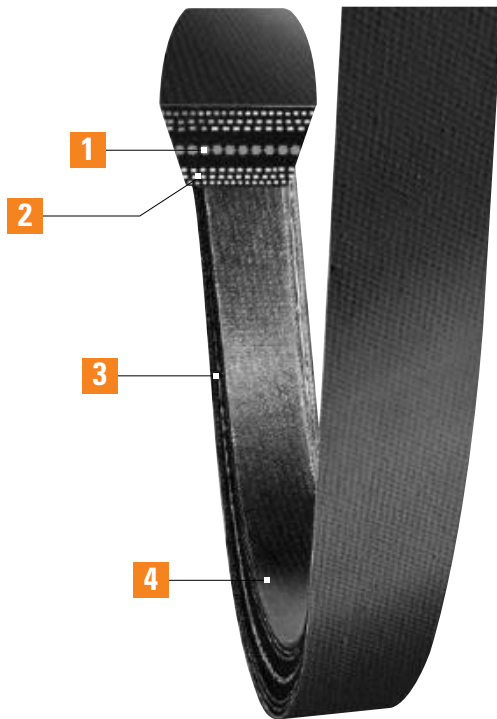
Part Number Example: **CC75** = **CC** **75**  
Cross Section      Inside Circumference (inches)

| Part Number                                                                              | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>BB Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (B)</b> |                                |                            |               |
| BB226                                                                                    | 228.7                          | 5809                       | 2.9           |
| BB228                                                                                    | 230.7                          | 5860                       | 2.9           |
| BB230                                                                                    | 232.7                          | 5911                       | 3.0           |
| BB240                                                                                    | 242.7                          | 6165                       | 3.1           |
| BB255                                                                                    | 257.7                          | 6546                       | 3.3           |
| BB267                                                                                    | 269.7                          | 6850                       | 3.4           |
| BB270                                                                                    | 272.7                          | 6927                       | 3.5           |
| BB273                                                                                    | 275.7                          | 7003                       | 3.5           |
| BB277                                                                                    | 279.7                          | 7104                       | 3.6           |
| BB278                                                                                    | 280.7                          | 7130                       | 3.6           |
| BB285                                                                                    | 287.7                          | 7308                       | 3.7           |
| BB300                                                                                    | 302.7                          | 7689                       | 3.9           |
| BB360                                                                                    | 362.7                          | 9213                       | 4.7           |
| <b>CC Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                                |                            |               |
| CC75                                                                                     | 81.1                           | 2060                       | 1.8           |
| CC81                                                                                     | 87.1                           | 2212                       | 2.0           |
| CC85                                                                                     | 91.1                           | 2314                       | 2.1           |
| CC90                                                                                     | 96.1                           | 2441                       | 2.2           |
| CC96                                                                                     | 102.1                          | 2593                       | 2.3           |
| CC105                                                                                    | 111.1                          | 2822                       | 2.5           |
| CC112                                                                                    | 118.1                          | 3000                       | 2.7           |
| CC119                                                                                    | 125.1                          | 3178                       | 2.9           |
| CC120                                                                                    | 126.1                          | 3203                       | 2.9           |
| CC128                                                                                    | 134.1                          | 3406                       | 3.1           |
| CC136                                                                                    | 142.1                          | 3609                       | 3.2           |
| CC140                                                                                    | 146.1                          | 3711                       | 3.3           |
| CC144                                                                                    | 150.1                          | 3813                       | 3.4           |
| CC148                                                                                    | 154.9                          | 3935                       | 3.5           |
| CC150                                                                                    | 156.9                          | 3985                       | 3.6           |
| CC158                                                                                    | 164.1                          | 4168                       | 3.8           |
| CC162                                                                                    | 168.1                          | 4270                       | 3.8           |

| Part Number                                                                              | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>CC Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                                |                            |               |
| CC173                                                                                    | 179.1                          | 4549                       | 4.1           |
| CC176                                                                                    | 182.1                          | 4625                       | 4.2           |
| CC180                                                                                    | 186.1                          | 4727                       | 4.3           |
| CC195                                                                                    | 201.1                          | 5108                       | 4.6           |
| CC210                                                                                    | 216.4                          | 5497                       | 5.0           |
| CC225                                                                                    | 229.1                          | 5819                       | 5.3           |
| CC240                                                                                    | 244.4                          | 6208                       | 5.6           |
| CC255                                                                                    | 259.4                          | 6589                       | 6.0           |
| CC270                                                                                    | 274.4                          | 6970                       | 6.3           |
| CC300                                                                                    | 304.4                          | 7732                       | 7.0           |
| CC330                                                                                    | 334.1                          | 8486                       | 7.7           |
| CC360                                                                                    | 364.4                          | 9256                       | 8.4           |
| CC390                                                                                    | 394.4                          | 10018                      | 9.1           |
| CC420                                                                                    | 424.4                          | 10780                      | 9.8           |

# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. The central position contributes to greater flexibility and stability.

**2 Premium Fabric**  
Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility.

**3 Raw Edge Sidewalls**  
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

**4 EPDM Construction**  
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

**Recommended Pulleys:**  
FHP – Bore-to-Size, MST (AK, BK)

Unique CNA design

Flexible

Stable

Static conductive

Energy efficient

Resistant to hardening and glazing

Broad operating temperature range

Low maintenance and downtime

**Applications:**

Fractional horsepower motors

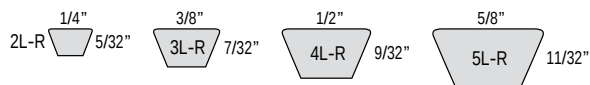
HVAC

Fans

& More

# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt



**Light duty v-belt designed for fractional horsepower (FHP) applications is made of Ethylene Propylene Diene Monomer (EPDM). Durapower II v-belts combine the advantages of EPDM, raw edge technology, and Central Neutral Axis (CNA) construction for superior performance and efficiency.**

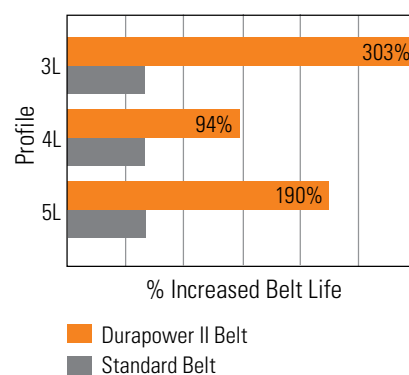
FHP raw edge v-belt made of Ethylene Propylene Diene Monomer (EPDM) and Central Neutral Axis (CNA) cord placement creates a flexible, stable and efficient v-belt. Specially formulated fiber-loaded EPDM rubber compounds and high-modulus polyester cord offer greater strength, longer life, better heat dissipation and higher efficiencies than best-in-class wrapped FHP v-belts.

EPDM is durable, heat resistant, static conductive and resistant to hardening and glazing. The unique CNA cord placement positions the strength of the belt lower on the pulleys to maintain stability and prevent roll-over. The raw edge construction results in more efficient power transmission and reduced energy loss. Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility.

- High performance alternative to wrapped v-belts
- Unique design for long belt life
- Grip with controlled slippage
- Low maintenance and downtime
- More energy efficient than wrapped v-belts
- Static conductive
- Resistant to hardening and glazing
- Broad operating temperature range (-50°F to +250°F)

**Note:** Aramax® Xtra Duty v-belt with Aramid cord is also available in a 3L-K cross section. See page: 172.

### Belt Life Comparison



# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt

### Durapower® II FHP Belt Part Numbers

Part Number Example: **3L200R** = **3L** **200** **R**  
Cross Section      Outside Circumference (inches in tenths: 20.0)      Raw Edge Construction

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>2L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 2L110R                                                                      | 11                             | 279                        | 0.1           |
| 2L120R                                                                      | 12                             | 305                        | 0.1           |
| 2L140R                                                                      | 14                             | 356                        | 0.1           |
| 2L150R                                                                      | 15                             | 381                        | 0.1           |
| 2L160R                                                                      | 16                             | 406                        | 0.1           |
| 2L200R                                                                      | 20                             | 508                        | 0.1           |
| 2L230R                                                                      | 23                             | 584                        | 0.1           |
| 2L250R                                                                      | 25                             | 635                        | 0.1           |
| 2L360R                                                                      | 36                             | 914                        | 0.1           |
| <b>3L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 3L150†                                                                      | 15                             | 381                        | 0.1           |
| 3L160†                                                                      | 16                             | 406                        | 0.1           |
| 3L170†                                                                      | 17                             | 432                        | 0.1           |
| 3L180†                                                                      | 18                             | 457                        | 0.1           |
| 3L190R                                                                      | 18.7                           | 475                        | 0.1           |
| 3L200R                                                                      | 20                             | 508                        | 0.1           |
| 3L210R                                                                      | 20.9                           | 531                        | 0.1           |
| 3L220R                                                                      | 21.9                           | 556                        | 0.1           |
| 3L230R                                                                      | 22.8                           | 579                        | 0.1           |
| 3L240R                                                                      | 23.8                           | 605                        | 0.1           |
| 3L250R                                                                      | 24.7                           | 627                        | 0.1           |
| 3L260R                                                                      | 26                             | 660                        | 0.1           |
| 3L270R                                                                      | 26.9                           | 683                        | 0.1           |
| 3L280R                                                                      | 27.9                           | 709                        | 0.1           |
| 3L290R                                                                      | 28.8                           | 732                        | 0.1           |
| 3L300R                                                                      | 29.8                           | 757                        | 0.1           |
| 3L310R                                                                      | 31                             | 787                        | 0.1           |
| 3L320R                                                                      | 32                             | 813                        | 0.1           |
| 3L330R                                                                      | 32.9                           | 836                        | 0.1           |
| 3L340R                                                                      | 33.9                           | 861                        | 0.1           |
| 3L350R                                                                      | 34.8                           | 884                        | 0.1           |
| 3L360R                                                                      | 35.8                           | 909                        | 0.1           |

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>3L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 3L370R                                                                      | 36.9                           | 937                        | 0.1           |
| 3L380R                                                                      | 38                             | 965                        | 0.1           |
| 3L390R                                                                      | 38.9                           | 988                        | 0.1           |
| 3L400R                                                                      | 39.9                           | 1014                       | 0.1           |
| 3L410R                                                                      | 40.8                           | 1036                       | 0.1           |
| 3L420R                                                                      | 42.1                           | 1069                       | 0.1           |
| 3L430R                                                                      | 43                             | 1092                       | 0.1           |
| 3L440R                                                                      | 44                             | 1118                       | 0.2           |
| 3L450R                                                                      | 44.9                           | 1141                       | 0.2           |
| 3L460R                                                                      | 45.9                           | 1166                       | 0.2           |
| 3L470R                                                                      | 46.8                           | 1189                       | 0.2           |
| 3L480R                                                                      | 47.8                           | 1214                       | 0.2           |
| 3L490R                                                                      | 49                             | 1245                       | 0.2           |
| 3L500R                                                                      | 50                             | 1270                       | 0.2           |
| 3L510R                                                                      | 50.9                           | 1293                       | 0.2           |
| 3L520R                                                                      | 51.9                           | 1318                       | 0.2           |
| 3L530R                                                                      | 52.8                           | 1341                       | 0.2           |
| 3L540R                                                                      | 53.7                           | 1364                       | 0.2           |
| 3L550R                                                                      | 54.7                           | 1389                       | 0.2           |
| 3L560R                                                                      | 56                             | 1422                       | 0.2           |
| 3L570R                                                                      | 56.9                           | 1445                       | 0.2           |
| 3L580R                                                                      | 57.8                           | 1468                       | 0.2           |
| 3L590R                                                                      | 58.8                           | 1494                       | 0.2           |
| 3L600R                                                                      | 59.7                           | 1516                       | 0.2           |
| 3L610R                                                                      | 61                             | 1549                       | 0.2           |
| 3L620R                                                                      | 61.9                           | 1572                       | 0.2           |
| 3L630R                                                                      | 62.9                           | 1598                       | 0.2           |
| 3L670R                                                                      | 67                             | 1702                       | 0.2           |
| 3L690R                                                                      | 68.9                           | 1750                       | 0.2           |
| 3L710R                                                                      | 70.8                           | 1798                       | 0.2           |
| 3L740R                                                                      | 73.9                           | 1877                       | 0.3           |
| 3L750R                                                                      | 74.9                           | 1903                       | 0.3           |

† Available in wrapped construction only.

[www.TimkenBelts.com](http://www.TimkenBelts.com)

**TIMKEN BELTS**

# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt

### Durapower® II FHP Belt Part Numbers

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>4L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 4L160†                                                                      | 16                             | 406                        | 0.1           |
| 4L170†                                                                      | 17                             | 432                        | 0.1           |
| 4L180†                                                                      | 18                             | 457                        | 0.1           |
| 4L190R                                                                      | 18.9                           | 480                        | 0.1           |
| 4L200R                                                                      | 19.9                           | 506                        | 0.1           |
| 4L210R                                                                      | 20.8                           | 528                        | 0.1           |
| 4L220R                                                                      | 21.7                           | 551                        | 0.1           |
| 4L230R                                                                      | 23                             | 584                        | 0.1           |
| 4L240R                                                                      | 23.9                           | 607                        | 0.1           |
| 4L250R                                                                      | 24.8                           | 630                        | 0.1           |
| 4L260R                                                                      | 25.8                           | 655                        | 0.1           |
| 4L270R                                                                      | 27                             | 686                        | 0.2           |
| 4L280R                                                                      | 28                             | 711                        | 0.2           |
| 4L290R                                                                      | 28.9                           | 734                        | 0.2           |
| 4L300R                                                                      | 29.9                           | 760                        | 0.2           |
| 4L305R                                                                      | 30.2                           | 767                        | 0.2           |
| 4L310R                                                                      | 30.8                           | 782                        | 0.2           |
| 4L315R                                                                      | 31.1                           | 790                        | 0.2           |
| 4L320R                                                                      | 31.8                           | 808                        | 0.2           |
| 4L330R                                                                      | 33                             | 838                        | 0.2           |
| 4L340R                                                                      | 33.9                           | 861                        | 0.2           |
| 4L350R                                                                      | 34.9                           | 887                        | 0.2           |
| 4L360R                                                                      | 35.8                           | 909                        | 0.2           |
| 4L370R                                                                      | 36.8                           | 935                        | 0.2           |
| 4L380R                                                                      | 37.7                           | 958                        | 0.2           |
| 4L390R                                                                      | 38.9                           | 988                        | 0.2           |
| 4L400R                                                                      | 39.9                           | 1014                       | 0.2           |
| 4L410R                                                                      | 40.8                           | 1036                       | 0.2           |
| 4L420R                                                                      | 41.8                           | 1062                       | 0.2           |
| 4L430R                                                                      | 42.7                           | 1085                       | 0.2           |
| 4L440R                                                                      | 43.7                           | 1110                       | 0.3           |
| 4L450R                                                                      | 44.9                           | 1141                       | 0.3           |
| 4L460R                                                                      | 45.9                           | 1166                       | 0.3           |

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>4L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 4L470R                                                                      | 46.9                           | 1191                       | 0.3           |
| 4L480R                                                                      | 47.7                           | 1212                       | 0.3           |
| 4L490R                                                                      | 48.7                           | 1237                       | 0.3           |
| 4L500R                                                                      | 49.9                           | 1268                       | 0.3           |
| 4L510R                                                                      | 50.8                           | 1290                       | 0.3           |
| 4L515R                                                                      | 51.4                           | 1306                       | 0.3           |
| 4L520R                                                                      | 51.7                           | 1313                       | 0.3           |
| 4L530R                                                                      | 52.7                           | 1339                       | 0.3           |
| 4L540R                                                                      | 53.7                           | 1364                       | 0.3           |
| 4L550R                                                                      | 54.9                           | 1395                       | 0.3           |
| 4L560R                                                                      | 55.8                           | 1417                       | 0.3           |
| 4L570R                                                                      | 56.8                           | 1443                       | 0.3           |
| 4L580R                                                                      | 57.8                           | 1468                       | 0.3           |
| 4L590R                                                                      | 59                             | 1499                       | 0.3           |
| 4L600R                                                                      | 59.9                           | 1522                       | 0.3           |
| 4L610R                                                                      | 60.9                           | 1547                       | 0.4           |
| 4L620R                                                                      | 61.7                           | 1567                       | 0.4           |
| 4L630R                                                                      | 63                             | 1600                       | 0.4           |
| 4L640R                                                                      | 63.9                           | 1623                       | 0.4           |
| 4L650R                                                                      | 64.8                           | 1646                       | 0.4           |
| 4L660R                                                                      | 65.7                           | 1669                       | 0.4           |
| 4L670R                                                                      | 66.7                           | 1694                       | 0.4           |
| 4L680R                                                                      | 67.7                           | 1720                       | 0.4           |
| 4L690R                                                                      | 68.6                           | 1742                       | 0.4           |
| 4L700R                                                                      | 69.7                           | 1770                       | 0.4           |
| 4L710R                                                                      | 70.9                           | 1801                       | 0.4           |
| 4L720R                                                                      | 71.8                           | 1824                       | 0.4           |
| 4L730R                                                                      | 72.8                           | 1849                       | 0.4           |
| 4L740R                                                                      | 73.8                           | 1875                       | 0.4           |
| 4L750R                                                                      | 74.7                           | 1897                       | 0.4           |
| 4L760R                                                                      | 76                             | 1930                       | 0.4           |
| 4L770R                                                                      | 77                             | 1956                       | 0.4           |
| 4L780R                                                                      | 77.9                           | 1979                       | 0.4           |

† Available in wrapped construction only.

# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt

Part Number Example: **5L460R** = **5L** **460** **R**  
 Cross Section      Outside Circumference (inches in tenths: 46.0)      Raw Edge Construction

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>4L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 4L790R                                                                      | 78.8                           | 2002                       | 0.5           |
| 4L800R                                                                      | 79.8                           | 2027                       | 0.5           |
| 4L810R                                                                      | 80.9                           | 2055                       | 0.5           |
| 4L820R                                                                      | 81.8                           | 2078                       | 0.5           |
| 4L830R                                                                      | 82.8                           | 2103                       | 0.5           |
| 4L840R                                                                      | 83.7                           | 2126                       | 0.5           |
| 4L850R                                                                      | 84.7                           | 2151                       | 0.5           |
| <b>5L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 5L230R                                                                      | 23                             | 584                        | 0.2           |
| 5L240R                                                                      | 23.9                           | 607                        | 0.2           |
| 5L250R                                                                      | 24.9                           | 633                        | 0.2           |
| 5L260R                                                                      | 26.1                           | 663                        | 0.2           |
| 5L270R                                                                      | 27.1                           | 688                        | 0.2           |
| 5L280R                                                                      | 28.1                           | 714                        | 0.2           |
| 5L290R                                                                      | 29                             | 737                        | 0.3           |
| 5L300R                                                                      | 29.9                           | 760                        | 0.3           |
| 5L310R                                                                      | 31.2                           | 793                        | 0.3           |
| 5L320R                                                                      | 31.8                           | 808                        | 0.3           |
| 5L330R                                                                      | 33.1                           | 841                        | 0.3           |
| 5L340R                                                                      | 33.7                           | 856                        | 0.3           |
| 5L350R                                                                      | 35                             | 889                        | 0.3           |
| 5L360R                                                                      | 35.9                           | 912                        | 0.3           |
| 5L370R                                                                      | 36.9                           | 937                        | 0.3           |
| 5L380R                                                                      | 37.8                           | 960                        | 0.3           |
| 5L390R                                                                      | 38.7                           | 983                        | 0.3           |
| 5L400R                                                                      | 40                             | 1016                       | 0.4           |
| 5L410R                                                                      | 41                             | 1041                       | 0.4           |
| 5L420R                                                                      | 41.9                           | 1064                       | 0.4           |
| 5L430R                                                                      | 42.8                           | 1087                       | 0.4           |
| 5L440R                                                                      | 44.1                           | 1120                       | 0.4           |
| 5L450R                                                                      | 45                             | 1143                       | 0.4           |
| 5L460R                                                                      | 46                             | 1168                       | 0.4           |

| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 5L470R                                                                      | 47.3                           | 1201                       | 0.4           |
| 5L480R                                                                      | 48.2                           | 1224                       | 0.4           |
| 5L490R                                                                      | 49.1                           | 1247                       | 0.4           |
| 5L500R                                                                      | 50.1                           | 1273                       | 0.4           |
| 5L510R                                                                      | 51                             | 1295                       | 0.4           |
| 5L520R                                                                      | 52                             | 1321                       | 0.5           |
| 5L530R                                                                      | 52.9                           | 1344                       | 0.5           |
| 5L540R                                                                      | 53.9                           | 1369                       | 0.5           |
| 5L550R                                                                      | 55.1                           | 1400                       | 0.5           |
| 5L560R                                                                      | 55.8                           | 1417                       | 0.5           |
| 5L570R                                                                      | 57                             | 1448                       | 0.5           |
| 5L580R                                                                      | 58                             | 1473                       | 0.5           |
| 5L590R                                                                      | 58.9                           | 1496                       | 0.5           |
| 5L600R                                                                      | 59.8                           | 1519                       | 0.5           |
| 5L610R                                                                      | 60.8                           | 1544                       | 0.5           |
| 5L620R                                                                      | 62.1                           | 1577                       | 0.5           |
| 5L630R                                                                      | 63                             | 1600                       | 0.6           |
| 5L640R                                                                      | 63.9                           | 1623                       | 0.6           |
| 5L650R                                                                      | 64.9                           | 1649                       | 0.6           |
| 5L660R                                                                      | 66.1                           | 1679                       | 0.6           |
| 5L670R                                                                      | 66.8                           | 1697                       | 0.6           |
| 5L680R                                                                      | 68                             | 1727                       | 0.6           |
| 5L690R                                                                      | 69                             | 1753                       | 0.6           |
| 5L700R                                                                      | 69.9                           | 1776                       | 0.6           |
| 5L710R                                                                      | 70.9                           | 1801                       | 0.6           |
| 5L720R                                                                      | 72.1                           | 1831                       | 0.6           |
| 5L730R                                                                      | 73.1                           | 1857                       | 0.6           |
| 5L740R                                                                      | 74                             | 1880                       | 0.6           |
| 5L750R                                                                      | 75                             | 1905                       | 0.6           |
| 5L760R                                                                      | 75.9                           | 1928                       | 0.7           |
| 5L770R                                                                      | 76.9                           | 1953                       | 0.7           |
| 5L780R                                                                      | 78.1                           | 1984                       | 0.7           |
| 5L790R                                                                      | 79.1                           | 2009                       | 0.7           |

# Durapower® II FHP V-Belt

## Light Duty Fractional Horsepower Belt

### Durapower® II FHP Belt Part Numbers

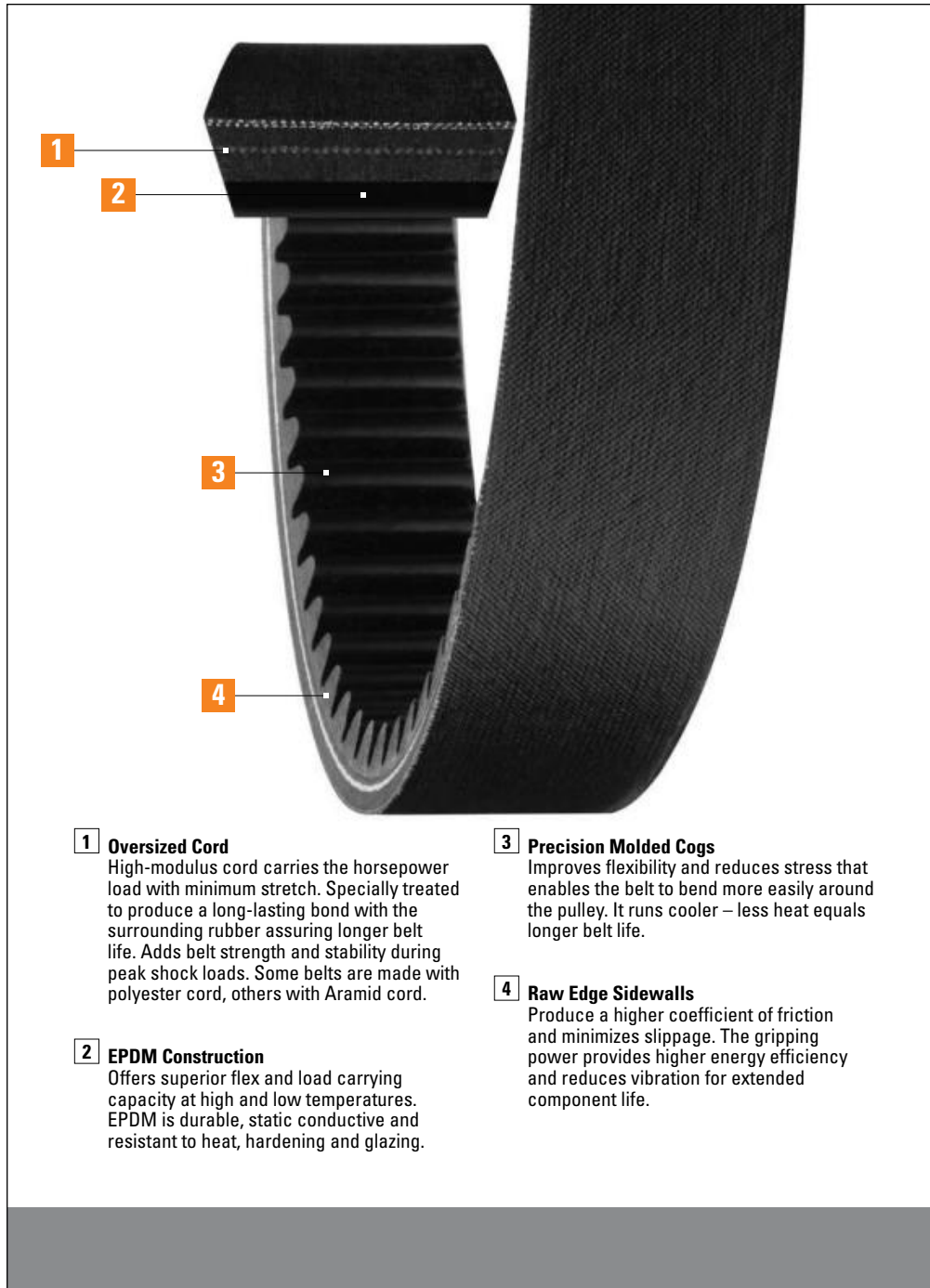
| Part Number                                                                 | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-----------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>5L Section Recommended Pulleys:<br/>FHP – Bore-to-Size, MST (AK, BK)</b> |                                |                            |               |
| 5L800R                                                                      | 80                             | 2032                       | 0.7           |
| 5L810R                                                                      | 81                             | 2057                       | 0.7           |
| 5L820R                                                                      | 81.9                           | 2080                       | 0.7           |
| 5L830R                                                                      | 82.8                           | 2103                       | 0.7           |
| 5L840R                                                                      | 84.1                           | 2136                       | 0.7           |
| 5L850R                                                                      | 85                             | 2159                       | 0.8           |





# Variable Speed Cog-Belt®

## V-Belt



**1 Oversized Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads. Some belts are made with polyester cord, others with Aramid cord.

**2 EPDM Construction**  
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

**3 Precision Molded Cogs**  
Improves flexibility and reduces stress that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life.

**4 Raw Edge Sidewalls**  
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

Smooth running

Oil and heat resistant

Wide selection of sizes

Resists fatigue and shock load

Excellent belt stability

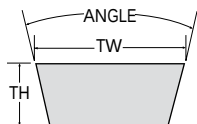
Strong but flexible for long belt life

Carries high HP loads with minimum stretch

**Applications:**  
Industrial variable speed drives  
& More

# Variable Speed Cog-Belt®

## V-Belt



**Variable speed cog-belts are designed for use with industrial variable speed pulleys to gain a wide range of driven speeds.**



Timken Belts is a leader in variable speed belt technology. Belts are made of Ethylene Propylene Diene Monomer (EPDM) that is durable and resistant to oil, heat, hardening and glazing. EPDM also has a superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

The Variable Speed Cog-Belt has been engineered to the same high standards that Timken Belts uses to produce belts for original equipment manufacturers (OEMs).

- Smooth running
- Long belt life
- Raw edge sidewalls improve gripping action
- EPDM provides superior resistance to aging caused by wear, oil, heat, grease and other harmful environmental factors
- Static dissipating
- Wide selection of sizes

## Variable Speed Cog-Belt®

### Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 1228V255                                              | 26.1                           | 663                        | 0.6           |
| 1422V240                                              | 24.6                           | 625                        | 1.0           |
| 1422V270                                              | 27.6                           | 701                        | 0.9           |
| 1422V290                                              | 29.6                           | 752                        | 0.9           |
| 1422V300                                              | 30.6                           | 777                        | 0.8           |
| 1422V330                                              | 33.6                           | 853                        | 0.9           |
| 1422V340                                              | 34.6                           | 879                        | 0.3           |
| 1422V360                                              | 36.6                           | 930                        | 0.3           |
| 1422V400                                              | 40.6                           | 1031                       | 0.8           |
| 1422V420                                              | 42.6                           | 1082                       | 0.7           |
| 1422V440                                              | 44.6                           | 1133                       | 0.6           |
| 1422V460                                              | 46.6                           | 1184                       | 0.6           |
| 1422V466                                              | 47.2                           | 1199                       | 0.6           |
| 1422V470                                              | 47.6                           | 1209                       | 0.6           |
| 1422V480                                              | 48.6                           | 1234                       | 0.6           |
| 1422V540                                              | 54.6                           | 1387                       | 0.7           |
| 1422V600                                              | 60.6                           | 1539                       | 0.8           |
| 1422V660                                              | 66.6                           | 1692                       | 0.8           |
| 1422V720                                              | 72.6                           | 1844                       | 0.9           |
| 1422V780                                              | 78.6                           | 1996                       | 1.0           |
| 1430V215                                              | 21.9                           | 556                        | 0.3           |
| 1626V262                                              | 26.8                           | 681                        | 0.4           |
| 1626V293                                              | 29.9                           | 760                        | 0.5           |
| 1626V304                                              | 31                             | 787                        | 0.5           |
| 1626V330                                              | 33.6                           | 853                        | 0.5           |
| 1626V339                                              | 34.5                           | 876                        | 0.6           |
| 1626V384                                              | 39                             | 991                        | 0.6           |
| 1626V428                                              | 43.4                           | 1102                       | 0.7           |
| 1626V440                                              | 44.6                           | 1133                       | 0.7           |
| 1626V513                                              | 51.9                           | 1318                       | 0.8           |
| 1626V517                                              | 52.3                           | 1328                       | 0.8           |
| 1626V604                                              | 61                             | 1549                       | 1.0           |
| 1626V700                                              | 70.6                           | 1793                       | 1.1           |

# Variable Speed Cog-Belt®

## V-Belt

Part Number Example: **1228V255** = **12** **28** **V** **255**  
Top Width (inches in sixteenths: 12/16") Pulley Angle Variable Speed Pitch Length (inches in tenths: 25.5")

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 1628V210                                              | 21.3                           | 541                        | 0.2           |
| 1628V315                                              | 32                             | 813                        | 0.5           |
| 1632V210                                              | 21.5                           | 546                        | 0.2           |
| 1632V220                                              | 22.5                           | 572                        | 0.3           |
| 1822V328                                              | 33.4                           | 848                        | 0.6           |
| 1828V368                                              | 37.5                           | 953                        | 0.8           |
| 1922V1146                                             | 115.2                          | 2926                       | 1.4           |
| 1922V256                                              | 26.2                           | 666                        | 0.5           |
| 1922V277                                              | 28.3                           | 719                        | 0.5           |
| 1922V282                                              | 28.8                           | 732                        | 0.5           |
| 1922V298                                              | 30.4                           | 772                        | 0.6           |
| 1922V302                                              | 30.8                           | 782                        | 0.6           |
| 1922V321                                              | 32.7                           | 831                        | 0.6           |
| 1922V332                                              | 33.8                           | 859                        | 0.6           |
| 1922V338                                              | 34.4                           | 874                        | 0.6           |
| 1922V363                                              | 36.9                           | 937                        | 0.7           |
| 1922V381                                              | 38.7                           | 983                        | 0.7           |
| 1922V386                                              | 39.2                           | 996                        | 0.7           |
| 1922V403                                              | 40.9                           | 1039                       | 0.8           |
| 1922V417                                              | 42.3                           | 1074                       | 0.8           |
| 1922V426                                              | 43.2                           | 1097                       | 0.8           |
| 1922V443                                              | 44.9                           | 1141                       | 0.8           |
| 1922V454                                              | 46                             | 1168                       | 0.9           |
| 1922V460                                              | 46.6                           | 1184                       | 0.9           |
| 1922V484                                              | 49                             | 1245                       | 0.9           |
| 1922V526                                              | 53.2                           | 1351                       | 1.0           |
| 1922V544                                              | 55                             | 1397                       | 1.0           |
| 1922V604                                              | 61                             | 1549                       | 1.1           |
| 1922V630                                              | 63.6                           | 1615                       | 1.2           |
| 1922V646                                              | 65.2                           | 1656                       | 1.2           |
| 1922V666                                              | 67.2                           | 1707                       | 1.3           |
| 1922V686                                              | 69.2                           | 1758                       | 1.3           |
| 1922V706                                              | 71.2                           | 1809                       | 1.3           |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 1922V721                                              | 72.7                           | 1847                       | 1.4           |
| 1922V726                                              | 73.2                           | 1859                       | 1.4           |
| 1922V751                                              | 75.7                           | 1923                       | 1.4           |
| 1922V756                                              | 76.2                           | 1936                       | 1.4           |
| 1922V806                                              | 81.2                           | 2063                       | 1.5           |
| 1922V846                                              | 85.2                           | 2164                       | 1.6           |
| 1922V891                                              | 89.7                           | 2278                       | 1.7           |
| 1922V966                                              | 97.2                           | 2469                       | 1.8           |
| 1926V250                                              | 25.9                           | 658                        | 0.4           |
| 1926V275                                              | 28.3                           | 719                        | 0.4           |
| 1926V390                                              | 39.6                           | 1006                       | 0.6           |
| 1930V1091                                             | 109.9                          | 2792                       | 2.7           |
| 1930V1191                                             | 119.9                          | 3046                       | 2.9           |
| 1930V366                                              | 37.4                           | 950                        | 0.9           |
| 1930V375                                              | 38.3                           | 973                        | 0.9           |
| 1930V400                                              | 40.8                           | 1036                       | 1.0           |
| 1930V425                                              | 43.3                           | 1100                       | 1.1           |
| 1930V431                                              | 43.9                           | 1115                       | 1.1           |
| 1930V491                                              | 49.9                           | 1268                       | 1.2           |
| 1930V530                                              | 53.8                           | 1367                       | 1.3           |
| 1930V541                                              | 54.9                           | 1395                       | 1.3           |
| 1930V560                                              | 56.6                           | 1438                       | 1.6           |
| 1930V591                                              | 59.9                           | 1522                       | 1.5           |
| 1930V600                                              | 60.8                           | 1544                       | 1.5           |
| 1930V641                                              | 64.9                           | 1649                       | 1.6           |
| 1930V691                                              | 69.9                           | 1776                       | 1.7           |
| 1930V750                                              | 75.8                           | 1925                       | 1.9           |
| 1930V791                                              | 79.9                           | 2030                       | 1.9           |
| 1930V891                                              | 89.9                           | 2284                       | 2.2           |
| 1930V991                                              | 99.9                           | 2538                       | 2.4           |
| 2126V309                                              | 31.4                           | 798                        | 0.7           |
| 2126V468                                              | 47.4                           | 1204                       | 1.0           |
| 2226V307                                              | 31.3                           | 795                        | 0.8           |

# Variable Speed Cog-Belt®

## V-Belt

### Variable Speed Cog-Belt®

#### Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 2230V266                                              | 27.5                           | 699                        | 0.6           |
| 2230V273                                              | 28.5                           | 724                        | 0.7           |
| 2230V275                                              | 28.5                           | 724                        | 0.6           |
| 2230V326                                              | 33.6                           | 853                        | 0.7           |
| 2230V375                                              | 38.6                           | 980                        | 0.6           |
| 2322V1001                                             | 100.8                          | 2560                       | 3.0           |
| 2322V1061                                             | 106.8                          | 2713                       | 3.2           |
| 2322V329                                              | 33.6                           | 853                        | 0.7           |
| 2322V347                                              | 35.4                           | 899                        | 1.1           |
| 2322V364                                              | 37.1                           | 942                        | 1.1           |
| 2322V384                                              | 39.1                           | 993                        | 1.2           |
| 2322V396                                              | 40.3                           | 1024                       | 1.2           |
| 2322V421                                              | 42.8                           | 1087                       | 1.3           |
| 2322V434                                              | 44.1                           | 1120                       | 1.0           |
| 2322V441                                              | 44.8                           | 1138                       | 1.3           |
| 2322V481                                              | 48.8                           | 1240                       | 1.5           |
| 2322V486                                              | 49.3                           | 1252                       | 1.5           |
| 2322V521                                              | 52.8                           | 1341                       | 1.6           |
| 2322V541                                              | 54.8                           | 1392                       | 1.6           |
| 2322V601                                              | 60.8                           | 1544                       | 1.8           |
| 2322V621                                              | 62.8                           | 1595                       | 1.9           |
| 2322V661                                              | 66.8                           | 1697                       | 2.0           |
| 2322V681                                              | 68.8                           | 1748                       | 2.0           |
| 2322V701                                              | 70.8                           | 1798                       | 2.1           |
| 2322V721                                              | 72.8                           | 1849                       | 2.2           |
| 2322V801                                              | 80.8                           | 2052                       | 2.4           |
| 2322V826                                              | 83.3                           | 2116                       | 2.5           |
| 2322V846                                              | 85.3                           | 2167                       | 2.5           |
| 2322V886                                              | 89.3                           | 2268                       | 2.7           |
| 2322V921                                              | 92.8                           | 2357                       | 2.8           |
| 2326V310                                              | 31.5                           | 800                        | 0.7           |
| 2326V359                                              | 36.6                           | 930                        | 1.1           |
| 2330V273                                              | 28                             | 711                        | 0.6           |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 2426V343                                              | 35                             | 889                        | 1.0           |
| 2428V707                                              | 71.4                           | 1814                       | 2.2           |
| 2430V297                                              | 30.4                           | 772                        | 0.9           |
| 2430V345                                              | 35.2                           | 894                        | 1.0           |
| 2436V331                                              | 33.8                           | 859                        | 0.9           |
| 2526V314                                              | 32                             | 813                        | 0.9           |
| 2530V1090                                             | 110.1                          | 2797                       | 4.8           |
| 2530V1190                                             | 120.1                          | 3051                       | 5.2           |
| 2530V1290                                             | 130.1                          | 3305                       | 5.6           |
| 2530V1490                                             | 150.1                          | 3813                       | 6.5           |
| 2530V1690                                             | 170.1                          | 4321                       | 7.3           |
| 2530V309                                              | 31.6                           | 803                        | 1.0           |
| 2530V470                                              | 48.1                           | 1222                       | 2.1           |
| 2530V490                                              | 50.1                           | 1273                       | 2.2           |
| 2530V530                                              | 54.1                           | 1374                       | 2.3           |
| 2530V550                                              | 56.1                           | 1425                       | 2.4           |
| 2530V575                                              | 58.6                           | 1488                       | 2.5           |
| 2530V595                                              | 60.6                           | 1539                       | 2.6           |
| 2530V610                                              | 62.1                           | 1577                       | 2.7           |
| 2530V630                                              | 64.1                           | 1628                       | 2.8           |
| 2530V660                                              | 67.1                           | 1704                       | 2.9           |
| 2530V670                                              | 68.1                           | 1730                       | 2.9           |
| 2530V690                                              | 70.1                           | 1781                       | 3.0           |
| 2530V700                                              | 71.1                           | 1806                       | 3.1           |
| 2530V730                                              | 74.1                           | 1882                       | 3.2           |
| 2530V740                                              | 75.1                           | 1908                       | 3.2           |
| 2530V750                                              | 76.1                           | 1933                       | 3.3           |
| 2530V790                                              | 80.1                           | 2035                       | 3.5           |
| 2530V840                                              | 85.1                           | 2162                       | 3.7           |
| 2530V890                                              | 89.9                           | 2284                       | 3.9           |
| 2530V934                                              | 94.5                           | 2400                       | 4.1           |
| 2530V990                                              | 100.1                          | 2543                       | 4.3           |
| 2626V369                                              | 37.6                           | 955                        | 1.2           |

# Variable Speed Cog-Belt®

## V-Belt

Part Number Example: **2530V309** =

**25**      **30**      **V**      **309**  
 Top Width      Pulley      Variable      Pitch Length  
 (inches in sixteenths: 25/16")      Angle      Speed      (inches in tenths: 30.9")

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 2626V388                                              | 39.6                           | 1006                       | 1.3           |
| 2630V345                                              | 35.6                           | 904                        | 1.0           |
| 2636V332                                              | 33.9                           | 861                        | 1.0           |
| 2822V778                                              | 78.6                           | 1996                       | 2.8           |
| 2826V412                                              | 42                             | 1067                       | 1.6           |
| 2826V452                                              | 46                             | 1168                       | 1.6           |
| 2830V337                                              | 34.5                           | 876                        | 1.1           |
| 2830V363                                              | 37                             | 940                        | 1.2           |
| 2830V366                                              | 37.2                           | 945                        | 1.2           |
| 2830V367                                              | 37.5                           | 953                        | 1.4           |
| 2830V393                                              | 40                             | 1016                       | 1.3           |
| 2830V396                                              | 40.5                           | 1029                       | 1.3           |
| 2830V422                                              | 42.9                           | 1090                       | 1.4           |
| 2830V428                                              | 43.4                           | 1102                       | 1.4           |
| 2836V343                                              | 35.1                           | 892                        | 1.2           |
| 2836V361                                              | 36.9                           | 937                        | 1.3           |
| 2836V380                                              | 38.8                           | 986                        | 1.3           |
| 2926V1006                                             | 101.4                          | 2576                       | 4.3           |
| 2926V366                                              | 37.4                           | 950                        | 1.6           |
| 2926V400                                              | 40.8                           | 1036                       | 1.7           |
| 2926V426                                              | 43.4                           | 1102                       | 1.9           |
| 2926V471                                              | 47.9                           | 1217                       | 2.1           |
| 2926V477                                              | 48.5                           | 1232                       | 2.1           |
| 2926V486                                              | 49.6                           | 1260                       | 2.1           |
| 2926V491                                              | 50.1                           | 1273                       | 2.1           |
| 2926V521                                              | 52.9                           | 1344                       | 2.3           |
| 2926V546                                              | 56.1                           | 1425                       | 2.4           |
| 2926V574                                              | 58.2                           | 1478                       | 2.5           |
| 2926V586                                              | 59.4                           | 1509                       | 2.5           |
| 2926V606                                              | 61.4                           | 1560                       | 2.6           |
| 2926V616                                              | 62.6                           | 1590                       | 2.7           |
| 2926V636                                              | 64.4                           | 1636                       | 2.8           |
| 2926V646                                              | 65.4                           | 1661                       | 2.8           |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 2926V666                                              | 67.4                           | 1712                       | 2.9           |
| 2926V686                                              | 69.6                           | 1768                       | 3.0           |
| 2926V706                                              | 71.4                           | 1814                       | 3.1           |
| 2926V726                                              | 73.4                           | 1864                       | 3.1           |
| 2926V776                                              | 78.4                           | 1991                       | 3.4           |
| 2926V786                                              | 79.4                           | 2017                       | 3.4           |
| 2926V834                                              | 84.2                           | 2139                       | 3.6           |
| 2926V856                                              | 86.4                           | 2195                       | 3.7           |
| 2926V891                                              | 89.9                           | 2284                       | 3.8           |
| 2926V906                                              | 91.4                           | 2322                       | 3.9           |
| 2926V966                                              | 97.4                           | 2474                       | 4.2           |
| 3226V1023                                             | 103.1                          | 2619                       | 4.8           |
| 3226V1083                                             | 109.1                          | 2771                       | 5.1           |
| 3226V392                                              | 39.8                           | 1011                       | 1.9           |
| 3226V395                                              | 40.3                           | 1024                       | 1.9           |
| 3226V400                                              | 40.8                           | 1036                       | 1.9           |
| 3226V439                                              | 44.7                           | 1135                       | 2.1           |
| 3226V450                                              | 46                             | 1168                       | 2.6           |
| 3226V465                                              | 47.3                           | 1201                       | 2.2           |
| 3226V505                                              | 51.3                           | 1303                       | 2.4           |
| 3226V514                                              | 52.2                           | 1326                       | 2.4           |
| 3226V545                                              | 55.3                           | 1405                       | 2.6           |
| 3226V585                                              | 59.3                           | 1506                       | 2.7           |
| 3226V603                                              | 61.1                           | 1552                       | 2.8           |
| 3226V663                                              | 67.1                           | 1704                       | 3.1           |
| 3226V723                                              | 73.1                           | 1857                       | 3.4           |
| 3226V783                                              | 79.1                           | 2009                       | 3.7           |
| 3226V843                                              | 85.1                           | 2162                       | 3.9           |
| 3226V903                                              | 91.1                           | 2314                       | 4.2           |
| 3226V963                                              | 97.1                           | 2466                       | 4.5           |
| 3230HV1060                                            | 107.1                          | 2720                       | 6.0           |
| 3230HV528                                             | 53.9                           | 1369                       | 3.0           |
| 3230HV553                                             | 56.4                           | 1433                       | 3.1           |

# Variable Speed Cog-Belt®

## V-Belt

### Variable Speed Cog-Belt®

#### Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 3230HV570                                             | 58.1                           | 1476                       | 3.2           |
| 3230HV585                                             | 59.6                           | 1514                       | 3.3           |
| 3230HV603                                             | 61.4                           | 1560                       | 3.4           |
| 3230HV613                                             | 62.4                           | 1585                       | 3.5           |
| 3230HV620                                             | 63.1                           | 1603                       | 3.5           |
| 3230HV626                                             | 63.7                           | 1618                       | 3.5           |
| 3230HV644                                             | 65.5                           | 1664                       | 3.7           |
| 3230HV656                                             | 66.7                           | 1694                       | 3.7           |
| 3230HV670                                             | 68.1                           | 1730                       | 3.8           |
| 3230HV685                                             | 69.6                           | 1768                       | 3.9           |
| 3230HV702                                             | 71.3                           | 1811                       | 4.0           |
| 3230HV723                                             | 73.4                           | 1864                       | 4.1           |
| 3230HV821                                             | 83.2                           | 2113                       | 4.6           |
| 3230HV856                                             | 86.7                           | 2202                       | 4.8           |
| 3230HV931                                             | 94.2                           | 2393                       | 5.3           |
| 3230HV960                                             | 97.1                           | 2466                       | 5.4           |
| 3230V419                                              | 43.4                           | 1102                       | 1.6           |
| 3230V528                                              | 53.8                           | 1367                       | 1.6           |
| 3230V553                                              | 56.3                           | 1430                       | 2.2           |
| 3230V560                                              | 57                             | 1448                       | 2.1           |
| 3230V710                                              | 72                             | 1829                       | 2.7           |
| 3236HV389                                             | 40.2                           | 1021                       | 2.1           |
| 3236V342                                              | 35.2                           | 894                        | 1.3           |
| 3236V369                                              | 37.9                           | 963                        | 1.7           |
| 3236V432                                              | 44                             | 1118                       | 1.8           |
| 3326V478                                              | 48.7                           | 1237                       | 2.5           |
| 3432V450                                              | 45.6                           | 1158                       | 2.0           |
| 3432V456                                              | 46.4                           | 1179                       | 2.1           |
| 3432V480                                              | 48.6                           | 1234                       | 2.2           |
| 3432V484                                              | 49.2                           | 1250                       | 2.2           |
| 3432V534                                              | 54.2                           | 1377                       | 2.4           |
| 3636V479                                              | 48.7                           | 1237                       | 2.5           |
| 3726V558                                              | 56.7                           | 1440                       | 3.1           |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 3826V459                                              | 46.9                           | 1191                       | 2.1           |
| 3826V465                                              | 47.5                           | 1207                       | 2.7           |
| 3830V510                                              | 52                             | 1321                       | 3.0           |
| 3830V580                                              | 59                             | 1499                       | 3.5           |
| 3830V587                                              | 59.7                           | 1516                       | 3.3           |
| 3836V418                                              | 42.8                           | 1087                       | 2.3           |
| 3836V426                                              | 43.6                           | 1107                       | 2.4           |
| 3836V654                                              | 66.4                           | 1687                       | 3.6           |
| 3836V734                                              | 74.4                           | 1890                       | 4.1           |
| 3836V794                                              | 80.4                           | 2042                       | 4.4           |
| 4030V538                                              | 54.8                           | 1392                       | 3.2           |
| 4036V541                                              | 55.2                           | 1402                       | 3.6           |
| 4036V574                                              | 58.4                           | 1483                       | 3.5           |
| 4230V556                                              | 56.4                           | 1433                       | 3.5           |
| 4230V605                                              | 61.5                           | 1562                       | 3.8           |
| 4230V653                                              | 66.3                           | 1684                       | 4.1           |
| 4430V1030                                             | 104.1                          | 2644                       | 8.3           |
| 4430V1090                                             | 110.1                          | 2797                       | 8.8           |
| 4430V1150                                             | 116.1                          | 2949                       | 9.2           |
| 4430V1320                                             | 133.1                          | 3381                       | 10.6          |
| 4430V1410                                             | 142.1                          | 3609                       | 8.9           |
| 4430V1460                                             | 147.1                          | 3736                       | 11.7          |
| 4430V1610                                             | 162.1                          | 4117                       | 12.9          |
| 4430V510                                              | 52.1                           | 1323                       | 4.1           |
| 4430V530                                              | 54.1                           | 1374                       | 4.3           |
| 4430V548                                              | 55.9                           | 1420                       | 4.4           |
| 4430V555                                              | 56.6                           | 1438                       | 4.5           |
| 4430V570                                              | 58.1                           | 1476                       | 4.6           |
| 4430V578                                              | 58.9                           | 1496                       | 4.7           |
| 4430V600                                              | 61.1                           | 1552                       | 4.9           |
| 4430V610                                              | 62.1                           | 1577                       | 4.9           |
| 4430V630                                              | 64.1                           | 1628                       | 5.1           |
| 4430V660                                              | 67.1                           | 1704                       | 5.3           |

# Variable Speed Cog-Belt®

## V-Belt

Part Number Example: **3836V734** =

|                                             |                 |                   |                                           |
|---------------------------------------------|-----------------|-------------------|-------------------------------------------|
| <b>38</b>                                   | <b>36</b>       | <b>V</b>          | <b>734</b>                                |
| Top Width<br>(inches in sixteenths: 38/16") | Pulley<br>Angle | Variable<br>Speed | Pitch Length<br>(inches in tenths: 73.4") |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 4430V670                                              | 68.1                           | 1730                       | 5.4           |
| 4430V690                                              | 70.1                           | 1781                       | 5.6           |
| 4430V700                                              | 71.1                           | 1806                       | 5.6           |
| 4430V718                                              | 72.9                           | 1852                       | 5.8           |
| 4430V730                                              | 74.1                           | 1882                       | 5.9           |
| 4430V740                                              | 75.1                           | 1908                       | 6.0           |
| 4430V760                                              | 77.1                           | 1958                       | 6.1           |
| 4430V767                                              | 78.1                           | 1984                       | 8.1           |
| 4430V790                                              | 80.1                           | 2035                       | 6.4           |
| 4430V800                                              | 81.1                           | 2060                       | 0.7           |
| 4430V850                                              | 86.1                           | 2187                       | 6.8           |
| 4430V910                                              | 92.1                           | 2339                       | 7.3           |
| 4430V970                                              | 98.1                           | 2492                       | 7.8           |
| 4436V329                                              | 34                             | 864                        | 1.8           |
| 4436V525                                              | 53.6                           | 1361                       | 4.0           |
| 4436V551                                              | 56.2                           | 1428                       | 4.2           |
| 4436V561                                              | 57.2                           | 1453                       | 4.1           |
| 4436V576                                              | 58.7                           | 1491                       | 4.6           |
| 4436V646                                              | 65.7                           | 1669                       | 4.9           |
| 4626V596                                              | 60.9                           | 1547                       | 5.7           |
| 4630V650                                              | 66.3                           | 1684                       | 6.1           |
| 4630V663                                              | 67.4                           | 1712                       | 6.9           |
| 4630V683                                              | 69.2                           | 1758                       | 6.4           |
| 4630V733                                              | 74.3                           | 1887                       | 7.5           |
| 4636V613                                              | 62.6                           | 1590                       | 5.6           |
| 4830V602                                              | 61.5                           | 1562                       | 5.9           |
| 4830V653                                              | 66.4                           | 1687                       | 6.5           |
| 4830V699                                              | 71.2                           | 1809                       | 6.9           |
| 4830V750                                              | 76.3                           | 1938                       | 7.5           |
| 4836V1000                                             | 101.1                          | 2568                       | 8.4           |
| 4836V1060                                             | 107.1                          | 2720                       | 8.8           |
| 4836V1120                                             | 113.1                          | 2873                       | 9.3           |
| 4836V1180                                             | 119.1                          | 3025                       | 10.4          |

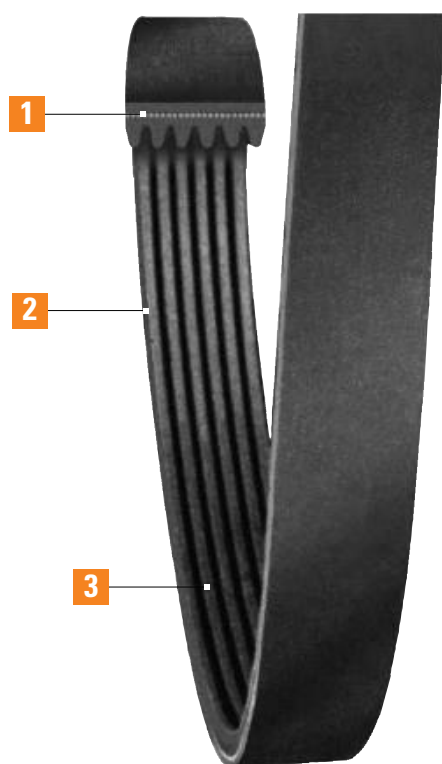
| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 4836V1250                                             | 126.1                          | 3203                       | 10.4          |
| 4836V588                                              | 59.9                           | 1522                       | 4.5           |
| 4836V608                                              | 61.9                           | 1572                       | 5.3           |
| 4836V618                                              | 62.9                           | 1598                       | 4.8           |
| 4836V642                                              | 65.3                           | 1659                       | 5.6           |
| 4836V655                                              | 66.6                           | 1692                       | 5.5           |
| 4836V670                                              | 68.1                           | 1730                       | 5.9           |
| 4836V710                                              | 72.1                           | 1831                       | 6.2           |
| 4836V750                                              | 76.1                           | 1933                       | 6.3           |
| 4836V800                                              | 81.1                           | 2060                       | 7.0           |
| 4836V850                                              | 86.1                           | 2187                       | 7.5           |
| 4836V900                                              | 91.1                           | 2314                       | 7.5           |
| 4836V950                                              | 96.1                           | 2441                       | 7.9           |
| 5130V732                                              | 74.6                           | 1895                       | 8.6           |
| 5130V787                                              | 80.1                           | 2035                       | 6.7           |
| 5130V799                                              | 81.2                           | 2063                       | 9.2           |
| 5228V930                                              | 93.8                           | 2383                       | 11.0          |
| 5230V734                                              | 74.6                           | 1895                       | 8.7           |
| 5230V867                                              | 88                             | 2235                       | 10.3          |
| 5430V783                                              | 79.9                           | 2030                       | 10.8          |
| 5636V750                                              | 76.4                           | 1941                       | 9.4           |
| 5636V774                                              | 78.8                           | 2002                       | 9.7           |
| 5636V845                                              | 85.9                           | 2182                       | 1.1           |
| 5830V756                                              | 77                             | 1956                       | 10.0          |
| 6136V751                                              | 76.4                           | 1941                       | 10.5          |
| 6136V756                                              | 76.9                           | 1953                       | 10.6          |



# Vee-Rib™

## V-Belt





**1 Premium Cord**  
High-modulus, low stretch chemically treated cord provides superior resistance to fatigue and shock loads. Enhanced belt stability and load-carrying capacity on small diameter sheaves.

**2 Profile**  
Thin belt profile provides excellent performance at high speeds on small diameter sheaves.

**3 Molded Ribs**  
Molded rib construction yields better rib formation and resistance to rib cracking.

Outstanding performance on industrial v-ribbed drives

Vibration-free

Heat resistant

Flexible

High horsepower

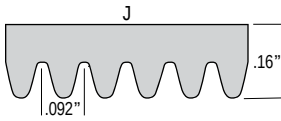
Abrasion resistant

**Applications:**

Industrial dryers  
Fitness equipment  
Machine tools  
High speed blowers  
& More

# Vee-Rib™

## V-Belt



**Vee-Rib belts are designed for high speed drives where conventional v-belts cannot operate providing smooth, vibration-free performance.**



Vee-Rib belts offer outstanding performance on industrial high-speed drives and high drive ratio applications. Vee-Rib belts provide smooth, vibration-free performance in a compact drive.

High modulus, low stretch polyester cord provides superior resistance to fatigue and shock loads with enhanced load-carrying capacity on small diameter pulleys. The special rib design enhances belt flexibility and resists cracking. Vee-Rib belts are resistant to oil, heat and abrasion for long belt life.



## Vee-Rib™ V-Belt Part Numbers

Part Number Example: **140J2** = **140** **J** **2**  
Effective Length  
(inches in tenths: 14.0") Cross  
Section Number  
of Ribs

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 140J2                                                 | 14.5                           | 368                        | 0.01          |
| 140J3                                                 | 14.5                           | 368                        | 0.02          |
| 140J4                                                 | 14.5                           | 368                        | 0.03          |
| 140J5                                                 | 14.5                           | 368                        | 0.03          |
| 140J6                                                 | 14.5                           | 368                        | 0.04          |
| 140J7                                                 | 14.5                           | 368                        | 0.05          |
| 140J8                                                 | 14.5                           | 368                        | 0.05          |
| 140J10                                                | 14.5                           | 368                        | 0.07          |
| 140J16                                                | 14.5                           | 368                        | 0.11          |
| 140J24                                                | 14.5                           | 368                        | 0.16          |
| 140J30                                                | 14.5                           | 368                        | 0.20          |
| 150J2                                                 | 15.5                           | 394                        | 0.02          |
| 150J3                                                 | 15.5                           | 394                        | 0.02          |
| 150J4                                                 | 15.5                           | 394                        | 0.03          |
| 150J5                                                 | 15.5                           | 394                        | 0.04          |
| 150J6                                                 | 15.5                           | 394                        | 0.04          |
| 150J8                                                 | 15.5                           | 394                        | 0.06          |
| 150J10                                                | 15.5                           | 394                        | 0.07          |
| 150J16                                                | 15.5                           | 394                        | 0.12          |
| 150J24                                                | 15.5                           | 394                        | 0.18          |
| 150J30                                                | 15.5                           | 394                        | 0.22          |
| 160J2                                                 | 16.5                           | 419                        | 0.02          |
| 160J3                                                 | 16.5                           | 419                        | 0.02          |
| 160J4                                                 | 16.5                           | 419                        | 0.03          |
| 160J5                                                 | 16.5                           | 419                        | 0.04          |
| 160J6                                                 | 16.5                           | 419                        | 0.05          |
| 160J8                                                 | 16.5                           | 419                        | 0.06          |
| 160J10                                                | 16.5                           | 419                        | 0.08          |
| 160J15                                                | 16.5                           | 419                        | 0.20          |
| 160J16                                                | 16.5                           | 419                        | 0.12          |
| 160J24                                                | 16.5                           | 419                        | 0.19          |
| 160J30                                                | 16.5                           | 419                        | 0.23          |
| 170J2                                                 | 17.5                           | 445                        | 0.02          |
| 170J3                                                 | 17.5                           | 445                        | 0.03          |
| 170J4                                                 | 17.5                           | 445                        | 0.03          |
| 170J5                                                 | 17.5                           | 445                        | 0.04          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 170J6                                                 | 17.5                           | 445                        | 0.05          |
| 170J8                                                 | 17.5                           | 445                        | 0.07          |
| 170J10                                                | 17.5                           | 445                        | 0.08          |
| 170J16                                                | 17.5                           | 445                        | 0.13          |
| 170J24                                                | 17.5                           | 445                        | 0.20          |
| 170J30                                                | 17.5                           | 445                        | 0.25          |
| 180J2                                                 | 18.5                           | 470                        | 0.02          |
| 180J3                                                 | 18.5                           | 470                        | 0.03          |
| 180J4                                                 | 18.5                           | 470                        | 0.04          |
| 180J5                                                 | 18.5                           | 470                        | 0.04          |
| 180J6                                                 | 18.5                           | 470                        | 0.05          |
| 180J7                                                 | 18.5                           | 470                        | 0.79          |
| 180J8                                                 | 18.5                           | 470                        | 0.07          |
| 180J10                                                | 18.5                           | 470                        | 0.09          |
| 180J16                                                | 18.5                           | 470                        | 0.14          |
| 180J24                                                | 18.5                           | 470                        | 0.21          |
| 180J30                                                | 18.5                           | 470                        | 0.26          |
| 190J2                                                 | 19.5                           | 495                        | 0.02          |
| 190J3                                                 | 19.5                           | 495                        | 0.03          |
| 190J4                                                 | 19.5                           | 495                        | 0.04          |
| 190J5                                                 | 19.5                           | 495                        | 0.05          |
| 190J6                                                 | 19.5                           | 495                        | 0.06          |
| 190J8                                                 | 19.5                           | 495                        | 0.07          |
| 190J10                                                | 19.5                           | 495                        | 0.09          |
| 190J13                                                | 19.5                           | 495                        | 0.15          |
| 190J15                                                | 19.5                           | 495                        | 0.01          |
| 190J16                                                | 19.5                           | 495                        | 0.15          |
| 190J24                                                | 19.5                           | 495                        | 0.22          |
| 190J30                                                | 19.5                           | 495                        | 0.28          |
| 195J7                                                 | 20                             | 508                        | 0.06          |
| 195J8                                                 | 20                             | 508                        | 0.07          |
| 200J2                                                 | 20.5                           | 521                        | 0.02          |
| 200J3                                                 | 20.5                           | 521                        | 0.03          |
| 200J4                                                 | 20.5                           | 521                        | 0.04          |
| 200J5                                                 | 20.5                           | 521                        | 0.05          |
| 200J6                                                 | 20.5                           | 521                        | 0.06          |

### Vee-Rib™ V-Belt Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 200J8                                                 | 20.5                           | 521                        | 0.08          |
| 200J10                                                | 20.5                           | 521                        | 0.10          |
| 200J16                                                | 20.5                           | 521                        | 0.16          |
| 200J24                                                | 20.5                           | 521                        | 0.23          |
| 200J30                                                | 20.5                           | 521                        | 0.29          |
| 200J40                                                | 20.5                           | 521                        | 0.39          |
| 203J8                                                 | 20.8                           | 528                        | 0.11          |
| 210J2                                                 | 21.5                           | 546                        | 0.02          |
| 210J3                                                 | 21.5                           | 546                        | 0.03          |
| 210J4                                                 | 21.5                           | 546                        | 0.04          |
| 210J5                                                 | 21.5                           | 546                        | 0.05          |
| 210J6                                                 | 21.5                           | 546                        | 0.06          |
| 210J8                                                 | 21.5                           | 546                        | 0.08          |
| 210J10                                                | 21.5                           | 546                        | 0.10          |
| 210J13                                                | 21.5                           | 546                        | 0.17          |
| 210J16                                                | 21.5                           | 546                        | 0.16          |
| 210J24                                                | 21.5                           | 546                        | 0.24          |
| 210J30                                                | 21.5                           | 546                        | 0.31          |
| 210J40                                                | 21.5                           | 546                        | 0.41          |
| 220J2                                                 | 22.5                           | 572                        | 0.02          |
| 220J3                                                 | 22.5                           | 572                        | 0.03          |
| 220J4                                                 | 22.5                           | 572                        | 0.04          |
| 220J5                                                 | 22.5                           | 572                        | 0.05          |
| 220J6                                                 | 22.5                           | 572                        | 0.06          |
| 220J8                                                 | 22.5                           | 572                        | 0.09          |
| 220J9                                                 | 22.5                           | 572                        | 0.01          |
| 220J10                                                | 22.5                           | 572                        | 0.11          |
| 220J12                                                | 22.5                           | 572                        | 0.13          |
| 220J16                                                | 22.5                           | 572                        | 0.17          |
| 220J24                                                | 22.5                           | 572                        | 0.26          |
| 220J30                                                | 22.5                           | 572                        | 0.32          |
| 220J40                                                | 22.5                           | 572                        | 0.43          |
| 230J2                                                 | 23.5                           | 597                        | 0.02          |
| 230J3                                                 | 23.5                           | 597                        | 0.03          |
| 230J4                                                 | 23.5                           | 597                        | 0.05          |
| 230J5                                                 | 23.5                           | 597                        | 0.06          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 230J6                                                 | 23.5                           | 597                        | 0.07          |
| 230J8                                                 | 23.5                           | 597                        | 0.09          |
| 230J9                                                 | 23.5                           | 597                        | 0.01          |
| 230J10                                                | 23.5                           | 597                        | 0.11          |
| 230J11                                                | 23.5                           | 597                        | 0.01          |
| 230J16                                                | 23.5                           | 597                        | 0.18          |
| 230J24                                                | 23.5                           | 597                        | 0.27          |
| 230J30                                                | 23.5                           | 597                        | 0.34          |
| 230J40                                                | 23.5                           | 597                        | 0.45          |
| 240J2                                                 | 24.5                           | 622                        | 0.02          |
| 240J3                                                 | 24.5                           | 622                        | 0.04          |
| 240J4                                                 | 24.5                           | 622                        | 0.05          |
| 240J5                                                 | 24.5                           | 622                        | 0.06          |
| 240J6                                                 | 24.5                           | 622                        | 0.07          |
| 240J8                                                 | 24.5                           | 622                        | 0.09          |
| 240J10                                                | 24.5                           | 622                        | 0.12          |
| 240J12                                                | 24.5                           | 622                        | 0.01          |
| 240J13                                                | 24.5                           | 622                        | 0.20          |
| 240J16                                                | 24.5                           | 622                        | 0.19          |
| 240J24                                                | 24.5                           | 622                        | 0.28          |
| 240J30                                                | 24.5                           | 622                        | 0.35          |
| 240J40                                                | 24.5                           | 622                        | 0.47          |
| 260J2                                                 | 26.5                           | 673                        | 0.03          |
| 260J3                                                 | 26.5                           | 673                        | 0.04          |
| 260J4                                                 | 26.5                           | 673                        | 0.05          |
| 260J5                                                 | 26.5                           | 673                        | 0.06          |
| 260J6                                                 | 26.5                           | 673                        | 0.08          |
| 260J8                                                 | 26.5                           | 673                        | 0.10          |
| 260J9                                                 | 26.5                           | 673                        | 1.58          |
| 260J10                                                | 26.5                           | 673                        | 0.13          |
| 260J12                                                | 26.5                           | 673                        | 0.14          |
| 260J13                                                | 26.5                           | 673                        | 0.01          |
| 260J16                                                | 26.5                           | 673                        | 0.20          |
| 260J24                                                | 26.5                           | 673                        | 0.30          |
| 260J30                                                | 26.5                           | 673                        | 0.38          |
| 260J40                                                | 26.5                           | 673                        | 0.50          |

Part Number Example: **300J6** = **300** **J** **6**  
Effective Length (inches in tenths: 44.0") Cross Section Number of Ribs

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 270J4                                                 | 27.5                           | 699                        | 0.07          |
| 270J6                                                 | 27.5                           | 699                        | 1.97          |
| 270J8                                                 | 27.5                           | 699                        | 2.61          |
| 270J10                                                | 27.5                           | 699                        | 0.12          |
| 270J12                                                | 27.5                           | 699                        | 0.16          |
| 270J24                                                | 27.5                           | 699                        | 2.61          |
| 270J40                                                | 27.5                           | 699                        | 1.58          |
| 280J2                                                 | 28.5                           | 724                        | 0.03          |
| 280J3                                                 | 28.5                           | 724                        | 0.04          |
| 280J4                                                 | 28.5                           | 724                        | 0.05          |
| 280J5                                                 | 28.5                           | 724                        | 0.07          |
| 280J6                                                 | 28.5                           | 724                        | 0.08          |
| 280J8                                                 | 28.5                           | 724                        | 0.11          |
| 280J9                                                 | 28.5                           | 724                        | 1.38          |
| 280J10                                                | 28.5                           | 724                        | 0.14          |
| 280J12                                                | 28.5                           | 724                        | 0.01          |
| 280J16                                                | 28.5                           | 724                        | 0.22          |
| 280J20                                                | 28.5                           | 724                        | 0.01          |
| 280J24                                                | 28.5                           | 724                        | 0.33          |
| 280J30                                                | 28.5                           | 724                        | 0.41          |
| 280J40                                                | 28.5                           | 724                        | 0.54          |
| 290J2                                                 | 29.5                           | 749                        | 0.03          |
| 290J3                                                 | 29.5                           | 749                        | 0.04          |
| 290J4                                                 | 29.5                           | 749                        | 0.06          |
| 290J5                                                 | 29.5                           | 749                        | 0.07          |
| 290J6                                                 | 29.5                           | 749                        | 0.08          |
| 290J8                                                 | 29.5                           | 749                        | 0.11          |
| 290J10                                                | 29.5                           | 749                        | 0.14          |
| 290J16                                                | 29.5                           | 749                        | 0.23          |
| 290J24                                                | 29.5                           | 749                        | 0.34          |
| 290J30                                                | 29.5                           | 749                        | 0.42          |
| 290J40                                                | 29.5                           | 749                        | 0.56          |
| 300J2                                                 | 30.5                           | 775                        | 0.03          |
| 300J3                                                 | 30.5                           | 775                        | 0.04          |
| 300J4                                                 | 30.5                           | 775                        | 0.06          |
| 300J5                                                 | 30.5                           | 775                        | 0.07          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 300J6                                                 | 30.5                           | 775                        | 0.09          |
| 300J8                                                 | 30.5                           | 775                        | 0.12          |
| 300J10                                                | 30.5                           | 775                        | 0.15          |
| 300J12                                                | 30.5                           | 775                        | 0.01          |
| 300J15                                                | 30.5                           | 775                        | 5.06          |
| 300J16                                                | 30.5                           | 775                        | 0.23          |
| 300J24                                                | 30.5                           | 775                        | 0.35          |
| 300J30                                                | 30.5                           | 775                        | 0.44          |
| 300J40                                                | 30.5                           | 775                        | 0.58          |
| 310J2                                                 | 31.5                           | 800                        | 0.03          |
| 310J3                                                 | 31.5                           | 800                        | 0.05          |
| 310J4                                                 | 31.5                           | 800                        | 0.06          |
| 310J5                                                 | 31.5                           | 800                        | 0.08          |
| 310J6                                                 | 31.5                           | 800                        | 0.09          |
| 310J8                                                 | 31.5                           | 800                        | 0.12          |
| 310J10                                                | 31.5                           | 800                        | 0.15          |
| 310J12                                                | 31.5                           | 800                        | 0.01          |
| 310J16                                                | 31.5                           | 800                        | 0.24          |
| 310J24                                                | 31.5                           | 800                        | 0.36          |
| 310J30                                                | 31.5                           | 800                        | 0.45          |
| 310J40                                                | 31.5                           | 800                        | 0.60          |
| 320J2                                                 | 32.5                           | 826                        | 0.03          |
| 320J3                                                 | 32.5                           | 826                        | 0.05          |
| 320J4                                                 | 32.5                           | 826                        | 0.06          |
| 320J5                                                 | 32.5                           | 826                        | 0.08          |
| 320J6                                                 | 32.5                           | 826                        | 0.09          |
| 320J8                                                 | 32.5                           | 826                        | 0.12          |
| 320J9                                                 | 32.5                           | 826                        | 0.14          |
| 320J10                                                | 32.5                           | 826                        | 0.16          |
| 320J12                                                | 32.5                           | 826                        | 0.02          |
| 320J13                                                | 32.5                           | 826                        | 5.11          |
| 320J16                                                | 32.5                           | 826                        | 0.25          |
| 320J20                                                | 32.5                           | 826                        | 3.56          |
| 320J22                                                | 32.5                           | 826                        | 2.64          |
| 320J24                                                | 32.5                           | 826                        | 0.37          |
| 320J30                                                | 32.5                           | 826                        | 0.47          |

### Vee-Rib™ V-Belt Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 320J40                                                | 32.5                           | 826                        | 0.62          |
| 330J2                                                 | 33.5                           | 851                        | 0.03          |
| 330J3                                                 | 33.5                           | 851                        | 0.05          |
| 330J4                                                 | 33.5                           | 851                        | 0.06          |
| 330J5                                                 | 33.5                           | 851                        | 0.08          |
| 330J6                                                 | 33.5                           | 851                        | 0.10          |
| 330J8                                                 | 33.5                           | 851                        | 0.13          |
| 330J10                                                | 33.5                           | 851                        | 0.16          |
| 330J16                                                | 33.5                           | 851                        | 0.26          |
| 330J19                                                | 33.5                           | 851                        | 0.36          |
| 330J24                                                | 33.5                           | 851                        | 0.38          |
| 330J30                                                | 33.5                           | 851                        | 0.48          |
| 330J40                                                | 33.5                           | 851                        | 0.64          |
| 340J2                                                 | 34.5                           | 876                        | 0.03          |
| 340J3                                                 | 34.5                           | 876                        | 0.05          |
| 340J4                                                 | 34.5                           | 876                        | 0.07          |
| 340J5                                                 | 34.5                           | 876                        | 0.08          |
| 340J6                                                 | 34.5                           | 876                        | 0.10          |
| 340J7                                                 | 34.5                           | 876                        | 0.02          |
| 340J8                                                 | 34.5                           | 876                        | 0.13          |
| 340J10                                                | 34.5                           | 876                        | 0.17          |
| 340J12                                                | 34.5                           | 876                        | 0.02          |
| 340J13                                                | 34.5                           | 876                        | 2.79          |
| 340J14                                                | 34.5                           | 876                        | 0.02          |
| 340J16                                                | 34.5                           | 876                        | 0.26          |
| 340J24                                                | 34.5                           | 876                        | 0.40          |
| 340J30                                                | 34.5                           | 876                        | 0.50          |
| 340J40                                                | 34.5                           | 876                        | 0.66          |
| 350J2                                                 | 35.5                           | 902                        | 0.03          |
| 350J3                                                 | 35.5                           | 902                        | 0.05          |
| 350J4                                                 | 35.5                           | 902                        | 0.07          |
| 350J5                                                 | 35.5                           | 902                        | 0.09          |
| 350J6                                                 | 35.5                           | 902                        | 0.10          |
| 350J8                                                 | 35.5                           | 902                        | 0.14          |
| 350J10                                                | 35.5                           | 902                        | 0.17          |
| 350J12                                                | 35.5                           | 902                        | 3.21          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 350J16                                                | 35.5                           | 902                        | 0.27          |
| 350J24                                                | 35.5                           | 902                        | 0.41          |
| 350J30                                                | 35.5                           | 902                        | 0.51          |
| 350J40                                                | 35.5                           | 902                        | 0.68          |
| 360J2                                                 | 36.5                           | 927                        | 0.04          |
| 360J3                                                 | 36.5                           | 927                        | 0.05          |
| 360J4                                                 | 36.5                           | 927                        | 0.07          |
| 360J5                                                 | 36.5                           | 927                        | 0.09          |
| 360J6                                                 | 36.5                           | 927                        | 0.11          |
| 360J8                                                 | 36.5                           | 927                        | 0.14          |
| 360J9                                                 | 36.5                           | 927                        | 1.68          |
| 360J10                                                | 36.5                           | 927                        | 0.18          |
| 360J12                                                | 36.5                           | 927                        | 0.02          |
| 360J13                                                | 36.5                           | 927                        | 0.32          |
| 360J15                                                | 36.5                           | 927                        | 4.93          |
| 360J16                                                | 36.5                           | 927                        | 0.28          |
| 360J24                                                | 36.5                           | 927                        | 0.42          |
| 360J30                                                | 36.5                           | 927                        | 0.52          |
| 360J40                                                | 36.5                           | 927                        | 0.70          |
| 370J2                                                 | 37.5                           | 953                        | 0.04          |
| 370J3                                                 | 37.5                           | 953                        | 0.05          |
| 370J4                                                 | 37.5                           | 953                        | 0.07          |
| 370J5                                                 | 37.5                           | 953                        | 0.09          |
| 370J6                                                 | 37.5                           | 953                        | 0.11          |
| 370J8                                                 | 37.5                           | 953                        | 0.14          |
| 370J10                                                | 37.5                           | 953                        | 0.18          |
| 370J12                                                | 37.5                           | 953                        | 0.20          |
| 370J13                                                | 37.5                           | 953                        | 0.22          |
| 370J16                                                | 37.5                           | 953                        | 0.29          |
| 370J24                                                | 37.5                           | 953                        | 0.43          |
| 370J30                                                | 37.5                           | 953                        | 0.54          |
| 370J40                                                | 37.5                           | 953                        | 0.72          |
| 380J2                                                 | 38.5                           | 978                        | 0.04          |
| 380J3                                                 | 38.5                           | 978                        | 0.06          |
| 380J4                                                 | 38.5                           | 978                        | 0.07          |
| 380J5                                                 | 38.5                           | 978                        | 0.09          |



Part Number Example: **400J30** = **400** **J** **30**  
Effective Length (inches in tenths: 24.0") Cross Section Number of Ribs

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 380J6                                                 | 38.5                           | 978                        | 0.11          |
| 380J7                                                 | 38.5                           | 978                        | 0.13          |
| 380J8                                                 | 38.5                           | 978                        | 0.15          |
| 380J10                                                | 38.5                           | 978                        | 0.18          |
| 380J12                                                | 38.5                           | 978                        | 0.02          |
| 380J13                                                | 38.5                           | 978                        | 3.36          |
| 380J16                                                | 38.5                           | 978                        | 0.30          |
| 380J24                                                | 38.5                           | 978                        | 0.44          |
| 380J30                                                | 38.5                           | 978                        | 0.55          |
| 380J40                                                | 38.5                           | 978                        | 0.74          |
| 390J2                                                 | 39.5                           | 1003                       | 0.04          |
| 390J3                                                 | 39.5                           | 1003                       | 0.06          |
| 390J4                                                 | 39.5                           | 1003                       | 0.08          |
| 390J5                                                 | 39.5                           | 1003                       | 0.10          |
| 390J6                                                 | 39.5                           | 1003                       | 0.11          |
| 390J8                                                 | 39.5                           | 1003                       | 0.15          |
| 390J9                                                 | 39.5                           | 1003                       | 0.02          |
| 390J10                                                | 39.5                           | 1003                       | 0.19          |
| 390J13                                                | 39.5                           | 1003                       | 1.13          |
| 390J16                                                | 39.5                           | 1003                       | 0.30          |
| 390J20                                                | 39.5                           | 1003                       | 0.02          |
| 390J24                                                | 39.5                           | 1003                       | 0.45          |
| 390J30                                                | 39.5                           | 1003                       | 0.57          |
| 390J40                                                | 39.5                           | 1003                       | 0.76          |
| 400J2                                                 | 40.5                           | 1029                       | 0.04          |
| 400J3                                                 | 40.5                           | 1029                       | 0.06          |
| 400J4                                                 | 40.5                           | 1029                       | 0.08          |
| 400J5                                                 | 40.5                           | 1029                       | 0.10          |
| 400J6                                                 | 40.5                           | 1029                       | 0.12          |
| 400J8                                                 | 40.5                           | 1029                       | 0.16          |
| 400J9                                                 | 40.5                           | 1029                       | 0.17          |
| 400J10                                                | 40.5                           | 1029                       | 0.19          |
| 400J12                                                | 40.5                           | 1029                       | 0.22          |
| 400J15                                                | 40.5                           | 1029                       | 0.95          |
| 400J16                                                | 40.5                           | 1029                       | 0.31          |
| 400J24                                                | 40.5                           | 1029                       | 0.47          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 400J30                                                | 40.5                           | 1029                       | 0.58          |
| 400J40                                                | 40.5                           | 1029                       | 0.78          |
| 410J2                                                 | 41.5                           | 1054                       | 0.04          |
| 410J3                                                 | 41.5                           | 1054                       | 0.06          |
| 410J4                                                 | 41.5                           | 1054                       | 0.08          |
| 410J5                                                 | 41.5                           | 1054                       | 0.10          |
| 410J6                                                 | 41.5                           | 1054                       | 0.12          |
| 410J8                                                 | 41.5                           | 1054                       | 0.16          |
| 410J10                                                | 41.5                           | 1054                       | 0.20          |
| 410J16                                                | 41.5                           | 1054                       | 0.32          |
| 410J24                                                | 41.5                           | 1054                       | 0.48          |
| 410J30                                                | 41.5                           | 1054                       | 0.60          |
| 410J40                                                | 41.5                           | 1054                       | 0.80          |
| 420J2                                                 | 42.5                           | 1080                       | 0.04          |
| 420J3                                                 | 42.5                           | 1080                       | 0.06          |
| 420J4                                                 | 42.5                           | 1080                       | 0.08          |
| 420J5                                                 | 42.5                           | 1080                       | 0.10          |
| 420J6                                                 | 42.5                           | 1080                       | 0.12          |
| 420J8                                                 | 42.5                           | 1080                       | 0.16          |
| 420J9                                                 | 42.5                           | 1080                       | 0.02          |
| 420J10                                                | 42.5                           | 1080                       | 0.20          |
| 420J12                                                | 42.5                           | 1080                       | 0.23          |
| 420J16                                                | 42.5                           | 1080                       | 0.33          |
| 420J24                                                | 42.5                           | 1080                       | 0.49          |
| 420J30                                                | 42.5                           | 1080                       | 0.61          |
| 420J40                                                | 42.5                           | 1080                       | 0.82          |
| 430J2                                                 | 43.5                           | 1105                       | 0.04          |
| 430J3                                                 | 43.5                           | 1105                       | 0.06          |
| 430J4                                                 | 43.5                           | 1105                       | 0.08          |
| 430J5                                                 | 43.5                           | 1105                       | 0.10          |
| 430J6                                                 | 43.5                           | 1105                       | 0.13          |
| 430J7                                                 | 43.5                           | 1105                       | 0.04          |
| 430J8                                                 | 43.5                           | 1105                       | 0.17          |
| 430J10                                                | 43.5                           | 1105                       | 0.21          |
| 430J12                                                | 43.5                           | 1105                       | 0.02          |
| 430J16                                                | 43.5                           | 1105                       | 0.33          |

### Vee-Rib™ V-Belt Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 430J20                                                | 43.5                           | 1105                       | 0.02          |
| 430J24                                                | 43.5                           | 1105                       | 0.50          |
| 430J30                                                | 43.5                           | 1105                       | 0.63          |
| 430J40                                                | 43.5                           | 1105                       | 0.83          |
| 430J60                                                | 43.5                           | 1105                       | 4.44          |
| 440J2                                                 | 44.5                           | 1130                       | 0.04          |
| 440J3                                                 | 44.5                           | 1130                       | 0.06          |
| 440J4                                                 | 44.5                           | 1130                       | 0.09          |
| 440J5                                                 | 44.5                           | 1130                       | 0.11          |
| 440J6                                                 | 44.5                           | 1130                       | 0.13          |
| 440J8                                                 | 44.5                           | 1130                       | 0.17          |
| 440J10                                                | 44.5                           | 1130                       | 0.21          |
| 440J16                                                | 44.5                           | 1130                       | 0.34          |
| 440J20                                                | 44.5                           | 1130                       | 0.40          |
| 440J24                                                | 44.5                           | 1130                       | 0.51          |
| 440J30                                                | 44.5                           | 1130                       | 0.64          |
| 440J40                                                | 44.5                           | 1130                       | 0.85          |
| 450J2                                                 | 45.5                           | 1156                       | 0.04          |
| 450J3                                                 | 45.5                           | 1156                       | 0.07          |
| 450J4                                                 | 45.5                           | 1156                       | 0.09          |
| 450J5                                                 | 45.5                           | 1156                       | 0.11          |
| 450J6                                                 | 45.5                           | 1156                       | 0.13          |
| 450J7                                                 | 45.5                           | 1156                       | 0.02          |
| 450J8                                                 | 45.5                           | 1156                       | 0.18          |
| 450J10                                                | 45.5                           | 1156                       | 0.22          |
| 450J16                                                | 45.5                           | 1156                       | 0.35          |
| 450J24                                                | 45.5                           | 1156                       | 0.52          |
| 450J30                                                | 45.5                           | 1156                       | 0.66          |
| 450J40                                                | 45.5                           | 1156                       | 0.87          |
| 460J2                                                 | 46.5                           | 1181                       | 0.05          |
| 460J3                                                 | 46.5                           | 1181                       | 0.07          |
| 460J4                                                 | 46.5                           | 1181                       | 0.09          |
| 460J5                                                 | 46.5                           | 1181                       | 0.11          |
| 460J6                                                 | 46.5                           | 1181                       | 0.13          |
| 460J8                                                 | 46.5                           | 1181                       | 0.18          |
| 460J10                                                | 46.5                           | 1181                       | 0.22          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 460J16                                                | 46.5                           | 1181                       | 0.36          |
| 460J19                                                | 46.5                           | 1181                       | 0.47          |
| 460J24                                                | 46.5                           | 1181                       | 0.54          |
| 460J30                                                | 46.5                           | 1181                       | 0.67          |
| 460J40                                                | 46.5                           | 1181                       | 0.89          |
| 470J4                                                 | 47.5                           | 1207                       | 0.09          |
| 470J6                                                 | 47.5                           | 1207                       | 0.14          |
| 470J8                                                 | 47.5                           | 1207                       | 0.17          |
| 470J10                                                | 47.5                           | 1207                       | 0.65          |
| 470J12                                                | 47.5                           | 1207                       | 0.56          |
| 470J16                                                | 47.5                           | 1207                       | 0.62          |
| 470J20                                                | 47.5                           | 1207                       | 0.43          |
| 470J40                                                | 47.5                           | 1207                       | 0.90          |
| 480J5                                                 | 48.5                           | 1232                       | 4.22          |
| 480J6                                                 | 48.5                           | 1232                       | 0.13          |
| 480J8                                                 | 48.5                           | 1232                       | 0.10          |
| 480J15                                                | 48.5                           | 1232                       | 3.36          |
| 480J16                                                | 48.5                           | 1232                       | 7.53          |
| 480J20                                                | 48.5                           | 1232                       | 0.44          |
| 480J40                                                | 48.5                           | 1232                       | 0.56          |
| 490J2                                                 | 49.5                           | 1257                       | 0.05          |
| 490J3                                                 | 49.5                           | 1257                       | 0.07          |
| 490J4                                                 | 49.5                           | 1257                       | 0.10          |
| 490J5                                                 | 49.5                           | 1257                       | 0.12          |
| 490J6                                                 | 49.5                           | 1257                       | 0.14          |
| 490J7                                                 | 49.5                           | 1257                       | 0.47          |
| 490J8                                                 | 49.5                           | 1257                       | 0.19          |
| 490J10                                                | 49.5                           | 1257                       | 0.24          |
| 490J12                                                | 49.5                           | 1257                       | 0.02          |
| 490J16                                                | 49.5                           | 1257                       | 0.38          |
| 490J24                                                | 49.5                           | 1257                       | 0.57          |
| 490J30                                                | 49.5                           | 1257                       | 0.71          |
| 490J32                                                | 49.5                           | 1257                       | 4.34          |
| 490J40                                                | 49.5                           | 1257                       | 0.95          |
| 500J6                                                 | 50.5                           | 1283                       | 0.02          |
| 500J7                                                 | 50.5                           | 1283                       | 0.17          |

Part Number Example: **540J24** = **540** **J** **24**  
Effective Length (inches in tenths: 84.0") Cross Section Number of Ribs

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 500J8                                                 | 50.5                           | 1283                       | 1.47          |
| 500J10                                                | 50.5                           | 1283                       | 1.13          |
| 500J40                                                | 50.5                           | 1283                       | 0.96          |
| 520J2                                                 | 52.5                           | 1334                       | 0.05          |
| 520J3                                                 | 52.5                           | 1334                       | 0.08          |
| 520J4                                                 | 52.5                           | 1334                       | 0.10          |
| 520J5                                                 | 52.5                           | 1334                       | 0.13          |
| 520J6                                                 | 52.5                           | 1334                       | 0.15          |
| 520J8                                                 | 52.5                           | 1334                       | 0.20          |
| 520J10                                                | 52.5                           | 1334                       | 0.25          |
| 520J12                                                | 52.5                           | 1334                       | 0.02          |
| 520J15                                                | 52.5                           | 1334                       | 0.02          |
| 520J16                                                | 52.5                           | 1334                       | 0.40          |
| 520J24                                                | 52.5                           | 1334                       | 0.61          |
| 520J30                                                | 52.5                           | 1334                       | 0.76          |
| 520J40                                                | 52.5                           | 1334                       | 1.01          |
| 530J2                                                 | 53.5                           | 1359                       | 0.05          |
| 530J3                                                 | 53.5                           | 1359                       | 0.08          |
| 530J4                                                 | 53.5                           | 1359                       | 0.10          |
| 530J5                                                 | 53.5                           | 1359                       | 0.13          |
| 530J6                                                 | 53.5                           | 1359                       | 0.15          |
| 530J8                                                 | 53.5                           | 1359                       | 0.21          |
| 530J10                                                | 53.5                           | 1359                       | 0.26          |
| 530J16                                                | 53.5                           | 1359                       | 0.41          |
| 530J24                                                | 53.5                           | 1359                       | 0.62          |
| 530J30                                                | 53.5                           | 1359                       | 0.77          |
| 530J40                                                | 53.5                           | 1359                       | 1.03          |
| 540J2                                                 | 54.5                           | 1384                       | 0.05          |
| 540J3                                                 | 54.5                           | 1384                       | 0.08          |
| 540J4                                                 | 54.5                           | 1384                       | 0.11          |
| 540J5                                                 | 54.5                           | 1384                       | 0.13          |
| 540J6                                                 | 54.5                           | 1384                       | 0.16          |
| 540J8                                                 | 54.5                           | 1384                       | 0.21          |
| 540J10                                                | 54.5                           | 1384                       | 0.26          |
| 540J16                                                | 54.5                           | 1384                       | 0.42          |
| 540J18                                                | 54.5                           | 1384                       | 5.15          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 540J24                                                | 54.5                           | 1384                       | 0.63          |
| 540J30                                                | 54.5                           | 1384                       | 0.79          |
| 540J40                                                | 54.5                           | 1384                       | 1.05          |
| 550J2                                                 | 55.5                           | 1410                       | 0.05          |
| 550J3                                                 | 55.5                           | 1410                       | 0.08          |
| 550J4                                                 | 55.5                           | 1410                       | 0.11          |
| 550J5                                                 | 55.5                           | 1410                       | 0.13          |
| 550J6                                                 | 55.5                           | 1410                       | 0.16          |
| 550J8                                                 | 55.5                           | 1410                       | 0.21          |
| 550J10                                                | 55.5                           | 1410                       | 0.27          |
| 550J12                                                | 55.5                           | 1410                       | 0.32          |
| 550J14                                                | 55.5                           | 1410                       | 1.56          |
| 550J16                                                | 55.5                           | 1410                       | 0.43          |
| 550J18                                                | 55.5                           | 1410                       | 0.81          |
| 550J24                                                | 55.5                           | 1410                       | 0.64          |
| 550J30                                                | 55.5                           | 1410                       | 0.80          |
| 550J40                                                | 55.5                           | 1410                       | 1.07          |
| 580J2                                                 | 58.5                           | 1486                       | 0.11          |
| 580J3                                                 | 58.5                           | 1486                       | 0.08          |
| 580J4                                                 | 58.5                           | 1486                       | 0.11          |
| 580J5                                                 | 58.5                           | 1486                       | 0.14          |
| 580J6                                                 | 58.5                           | 1486                       | 0.17          |
| 580J8                                                 | 58.5                           | 1486                       | 0.23          |
| 580J10                                                | 58.5                           | 1486                       | 0.28          |
| 580J16                                                | 58.5                           | 1486                       | 0.45          |
| 580J24                                                | 58.5                           | 1486                       | 0.68          |
| 580J26                                                | 58.5                           | 1486                       | 0.03          |
| 580J30                                                | 58.5                           | 1486                       | 0.84          |
| 580J40                                                | 58.5                           | 1486                       | 1.13          |
| 610J2                                                 | 61.5                           | 1562                       | 0.06          |
| 610J3                                                 | 61.5                           | 1562                       | 0.09          |
| 610J4                                                 | 61.5                           | 1562                       | 0.12          |
| 610J5                                                 | 61.5                           | 1562                       | 0.15          |
| 610J6                                                 | 61.5                           | 1562                       | 0.18          |
| 610J8                                                 | 61.5                           | 1562                       | 0.24          |
| 610J10                                                | 61.5                           | 1562                       | 0.30          |

### Vee-Rib™ V-Belt Part Numbers

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 610J14                                                | 61.5                           | 1562                       | 0.03          |
| 610J16                                                | 61.5                           | 1562                       | 0.47          |
| 610J24                                                | 61.5                           | 1562                       | 0.71          |
| 610J30                                                | 61.5                           | 1562                       | 0.89          |
| 610J40                                                | 61.5                           | 1562                       | 1.18          |
| 650J2                                                 | 65.5                           | 1664                       | 0.06          |
| 650J3                                                 | 65.5                           | 1664                       | 0.10          |
| 650J4                                                 | 65.5                           | 1664                       | 0.13          |
| 650J5                                                 | 65.5                           | 1664                       | 0.16          |
| 650J6                                                 | 65.5                           | 1664                       | 0.19          |
| 650J7                                                 | 65.5                           | 1664                       | 5.10          |
| 650J8                                                 | 65.5                           | 1664                       | 0.25          |
| 650J10                                                | 65.5                           | 1664                       | 0.32          |
| 650J12                                                | 65.5                           | 1664                       | 0.18          |
| 650J15                                                | 65.5                           | 1664                       | 4.92          |
| 650J16                                                | 65.5                           | 1664                       | 0.50          |
| 650J24                                                | 65.5                           | 1664                       | 0.76          |
| 650J30                                                | 65.5                           | 1664                       | 0.95          |
| 650J40                                                | 65.5                           | 1664                       | 1.26          |
| 690J2                                                 | 69.5                           | 1765                       | 0.07          |
| 690J3                                                 | 69.5                           | 1765                       | 0.10          |
| 690J4                                                 | 69.5                           | 1765                       | 0.13          |
| 690J5                                                 | 69.5                           | 1765                       | 0.17          |
| 690J6                                                 | 69.5                           | 1765                       | 0.20          |
| 690J8                                                 | 69.5                           | 1765                       | 0.27          |
| 690J10                                                | 69.5                           | 1765                       | 0.34          |
| 690J12                                                | 69.5                           | 1765                       | 0.56          |
| 690J14                                                | 69.5                           | 1765                       | 0.03          |
| 690J16                                                | 69.5                           | 1765                       | 0.54          |
| 690J24                                                | 69.5                           | 1765                       | 0.80          |
| 690J30                                                | 69.5                           | 1765                       | 1.00          |
| 690J40                                                | 69.5                           | 1765                       | 1.34          |
| 730J2                                                 | 73.5                           | 1867                       | 0.07          |
| 730J3                                                 | 73.5                           | 1867                       | 0.11          |
| 730J4                                                 | 73.5                           | 1867                       | 0.14          |
| 730J5                                                 | 73.5                           | 1867                       | 0.18          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 730J6                                                 | 73.5                           | 1867                       | 0.21          |
| 730J8                                                 | 73.5                           | 1867                       | 0.28          |
| 730J10                                                | 73.5                           | 1867                       | 0.35          |
| 730J12                                                | 73.5                           | 1867                       | 1.18          |
| 730J16                                                | 73.5                           | 1867                       | 0.57          |
| 730J24                                                | 73.5                           | 1867                       | 0.85          |
| 730J30                                                | 73.5                           | 1867                       | 1.06          |
| 730J40                                                | 73.5                           | 1867                       | 1.42          |
| 770J2                                                 | 77.5                           | 1969                       | 0.08          |
| 770J3                                                 | 77.5                           | 1969                       | 0.11          |
| 770J4                                                 | 77.5                           | 1969                       | 0.15          |
| 770J5                                                 | 77.5                           | 1969                       | 0.19          |
| 770J6                                                 | 77.5                           | 1969                       | 0.22          |
| 770J7                                                 | 77.5                           | 1969                       | 0.84          |
| 770J8                                                 | 77.5                           | 1969                       | 0.30          |
| 770J10                                                | 77.5                           | 1969                       | 0.37          |
| 770J11                                                | 77.5                           | 1969                       | 0.62          |
| 770J12                                                | 77.5                           | 1969                       | 0.44          |
| 770J16                                                | 77.5                           | 1969                       | 0.60          |
| 770J24                                                | 77.5                           | 1969                       | 0.90          |
| 770J30                                                | 77.5                           | 1969                       | 1.12          |
| 770J40                                                | 77.5                           | 1969                       | 1.49          |
| 820J2                                                 | 82.5                           | 2096                       | 0.08          |
| 820J3                                                 | 82.5                           | 2096                       | 0.12          |
| 820J4                                                 | 82.5                           | 2096                       | 0.16          |
| 820J5                                                 | 82.5                           | 2096                       | 0.20          |
| 820J6                                                 | 82.5                           | 2096                       | 0.24          |
| 820J8                                                 | 82.5                           | 2096                       | 0.32          |
| 820J9                                                 | 82.5                           | 2096                       | 2.13          |
| 820J10                                                | 82.5                           | 2096                       | 0.40          |
| 820J16                                                | 82.5                           | 2096                       | 0.64          |
| 820J24                                                | 82.5                           | 2096                       | 0.96          |
| 820J30                                                | 82.5                           | 2096                       | 1.19          |
| 840J2                                                 | 84.5                           | 2146                       | 0.08          |
| 840J3                                                 | 84.5                           | 2146                       | 0.12          |
| 840J4                                                 | 84.5                           | 2146                       | 0.16          |

Part Number Example: **940J10** = **940** **J** **10**  
Effective Length (inches in tenths: 14.0") Cross Section Number of Ribs

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 840J5                                                 | 84.5                           | 2146                       | 0.20          |
| 840J6                                                 | 84.5                           | 2146                       | 0.24          |
| 840J8                                                 | 84.5                           | 2146                       | 0.33          |
| 840J10                                                | 84.5                           | 2146                       | 0.41          |
| 840J16                                                | 84.5                           | 2146                       | 0.65          |
| 840J24                                                | 84.5                           | 2146                       | 0.98          |
| 840J30                                                | 84.5                           | 2146                       | 1.22          |
| 840J40                                                | 84.5                           | 2146                       | 1.63          |
| 870J3                                                 | 87.5                           | 2223                       | 0.12          |
| 870J6                                                 | 87.5                           | 2223                       | 1.45          |
| 870J10                                                | 87.5                           | 2223                       | 2.42          |
| 890J2                                                 | 89.5                           | 2273                       | 0.09          |
| 890J3                                                 | 89.5                           | 2273                       | 0.13          |
| 890J4                                                 | 89.5                           | 2273                       | 0.17          |
| 890J5                                                 | 89.5                           | 2273                       | 0.22          |
| 890J6                                                 | 89.5                           | 2273                       | 0.26          |
| 890J8                                                 | 89.5                           | 2273                       | 0.35          |
| 890J40                                                | 89.5                           | 2273                       | 1.73          |
| 910J6                                                 | 91.5                           | 2324                       | 0.38          |
| 920J2                                                 | 92.5                           | 2350                       | 0.09          |
| 920J3                                                 | 92.5                           | 2350                       | 0.13          |
| 920J4                                                 | 92.5                           | 2350                       | 0.18          |
| 920J5                                                 | 92.5                           | 2350                       | 0.22          |
| 920J6                                                 | 92.5                           | 2350                       | 0.27          |
| 920J8                                                 | 92.5                           | 2350                       | 0.36          |
| 920J9                                                 | 92.5                           | 2350                       | 0.38          |
| 920J10                                                | 92.5                           | 2350                       | 0.45          |
| 920J16                                                | 92.5                           | 2350                       | 0.71          |
| 920J24                                                | 92.5                           | 2350                       | 1.07          |
| 920J30                                                | 92.5                           | 2350                       | 1.34          |
| 920J40                                                | 92.5                           | 2350                       | 1.79          |
| 940J2                                                 | 94.5                           | 2400                       | 0.09          |
| 940J3                                                 | 94.5                           | 2400                       | 0.14          |
| 940J4                                                 | 94.5                           | 2400                       | 0.18          |
| 940J5                                                 | 94.5                           | 2400                       | 0.23          |
| 940J6                                                 | 94.5                           | 2400                       | 0.27          |
| 940J8                                                 | 94.5                           | 2400                       | 0.37          |

| Part Number                                           | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|-------------------------------------------------------|--------------------------------|----------------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| 940J10                                                | 94.5                           | 2400                       | 0.46          |
| 940J16                                                | 94.5                           | 2400                       | 0.73          |
| 940J24                                                | 94.5                           | 2400                       | 1.09          |
| 970J2                                                 | 97.5                           | 2477                       | 0.09          |
| 970J3                                                 | 97.5                           | 2477                       | 0.14          |
| 970J4                                                 | 97.5                           | 2477                       | 0.19          |
| 970J5                                                 | 97.5                           | 2477                       | 0.24          |
| 970J6                                                 | 97.5                           | 2477                       | 0.28          |
| 970J8                                                 | 97.5                           | 2477                       | 0.38          |
| 970J10                                                | 97.5                           | 2477                       | 0.47          |
| 970J16                                                | 97.5                           | 2477                       | 0.75          |
| 970J24                                                | 97.5                           | 2477                       | 1.13          |
| 970J30                                                | 97.5                           | 2477                       | 1.41          |
| 980J2                                                 | 98.5                           | 2502                       | 0.10          |
| 980J3                                                 | 98.5                           | 2502                       | 0.14          |
| 980J4                                                 | 98.5                           | 2502                       | 0.19          |
| 980J5                                                 | 98.5                           | 2502                       | 0.24          |
| 980J6                                                 | 98.5                           | 2502                       | 0.29          |
| 980J8                                                 | 98.5                           | 2502                       | 0.38          |
| 980J10                                                | 98.5                           | 2502                       | 0.48          |
| 980J12                                                | 98.5                           | 2502                       | 0.54          |
| 980J16                                                | 98.5                           | 2502                       | 0.76          |
| 980J24                                                | 98.5                           | 2502                       | 1.14          |
| 980J30                                                | 98.5                           | 2502                       | 1.43          |
| 980J40                                                | 98.5                           | 2502                       | 1.90          |
| 1000J3                                                | 100.5                          | 2553                       | 0.37          |
| 1000J6                                                | 100.5                          | 2553                       | 0.08          |
| 1000J40                                               | 100.5                          | 2553                       | 2.77          |

# Vee-Rib

## Sleeve

### Vee-Rib J Sleeve Part Numbers

- Full factory width sleeves
- Sleeve edges are trimmed prior to shipment
- Sleeves cannot be returned

Timken Belts maintains inventory of most sleeve sizes.  
Contact customer service for availability.

Minimum order quantity and/or extended lead times may apply.

Part Number Example: **200JSL** =

**200**      **J**      **SL**  
Effective Length      Cross      Sleeve  
(inches in tenths: 20.0")      Section

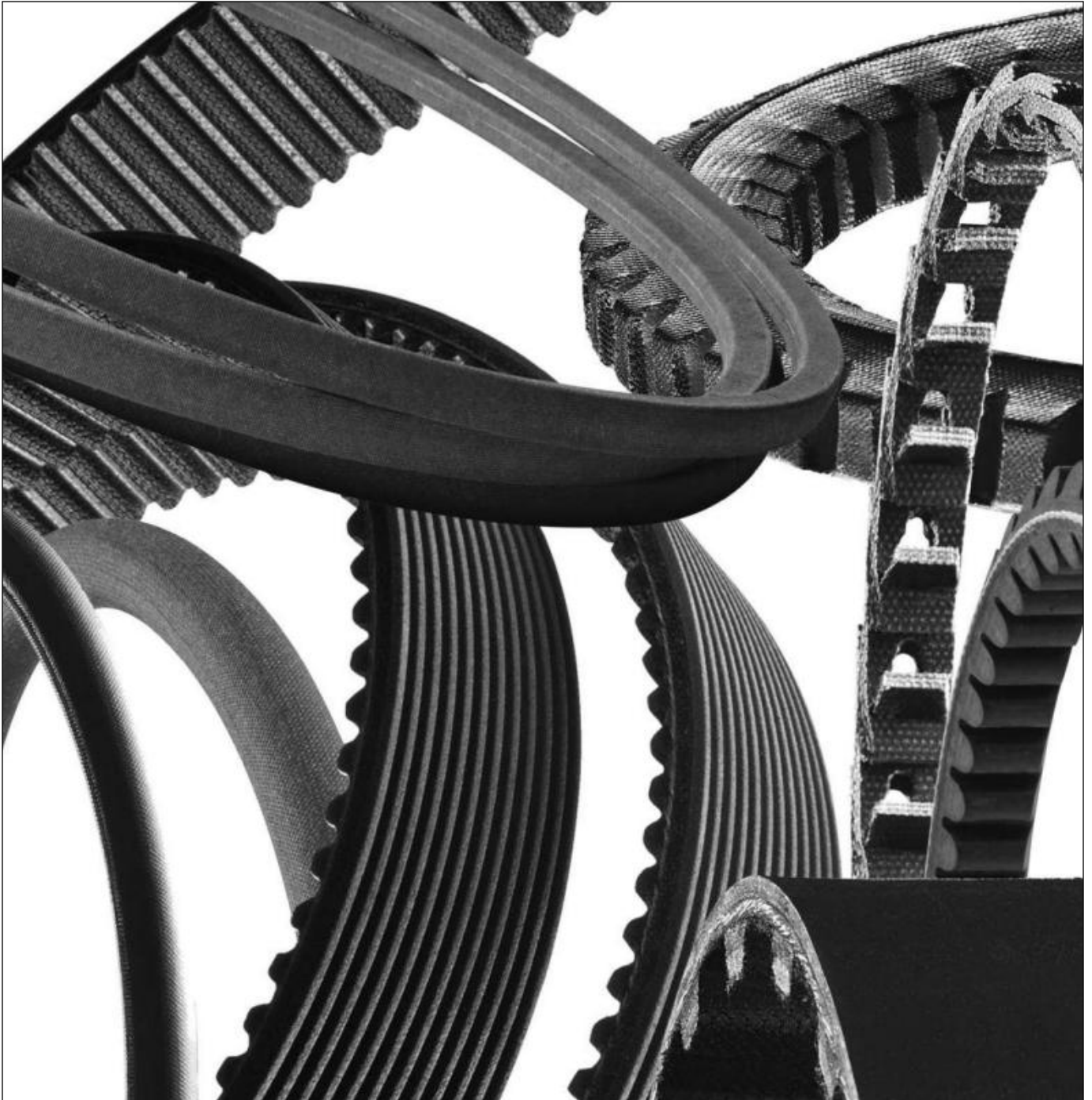
Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.

| Part Number               | Number of Ribs | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------|----------------|--------------------------------|----------------------------|---------------|
| <b>J Sleeves (40-Rib)</b> |                |                                |                            |               |
| 200JSL                    | 40             | 20.5                           | 521                        | 0.4           |
| 210JSL                    | 40             | 21.5                           | 546                        | 0.4           |
| 220JSL                    | 40             | 22.5                           | 572                        | 0.4           |
| 230JSL                    | 40             | 23.5                           | 597                        | 0.4           |
| 240JSL                    | 40             | 24.5                           | 622                        | 0.5           |
| 260JSL                    | 40             | 26.5                           | 673                        | 0.5           |
| 270JSL                    | 40             | 27.5                           | 699                        | 1.6           |
| 280JSL                    | 40             | 28.5                           | 724                        | 0.5           |
| 290JSL                    | 40             | 29.5                           | 749                        | 0.6           |
| 300JSL                    | 40             | 30.5                           | 775                        | 0.6           |
| 310JSL                    | 40             | 31.5                           | 800                        | 0.6           |
| 320JSL                    | 40             | 32.5                           | 826                        | 0.6           |
| 330JSL                    | 40             | 33.5                           | 851                        | 0.6           |
| 340JSL                    | 40             | 34.5                           | 876                        | 0.7           |
| 350JSL                    | 40             | 35.5                           | 902                        | 0.7           |
| 360JSL                    | 40             | 36.5                           | 927                        | 0.7           |
| 370JSL                    | 40             | 37.5                           | 953                        | 0.7           |
| 380JSL                    | 40             | 38.5                           | 978                        | 0.7           |
| 390JSL                    | 40             | 39.5                           | 1003                       | 0.8           |
| 400JSL                    | 40             | 40.5                           | 1029                       | 0.8           |
| 410JSL                    | 40             | 41.5                           | 1054                       | 0.8           |
| 420JSL                    | 40             | 42.5                           | 1080                       | 0.8           |
| 430JSL                    | 40             | 43.5                           | 1105                       | 0.8           |

| Part Number               | Number of Ribs | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---------------------------|----------------|--------------------------------|----------------------------|---------------|
| <b>J Sleeves (40-Rib)</b> |                |                                |                            |               |
| 440JSL                    | 40             | 44.5                           | 1130                       | 0.9           |
| 450JSL                    | 40             | 45.5                           | 1156                       | 0.9           |
| 460JSL                    | 40             | 46.5                           | 1181                       | 0.9           |
| 470JSL                    | 40             | 47.5                           | 1207                       | 0.9           |
| 480JSL                    | 40             | 48.5                           | 1232                       | 0.6           |
| 490JSL                    | 40             | 49.5                           | 1257                       | 1.0           |
| 500JSL                    | 40             | 50.5                           | 1283                       | 1.0           |
| 520JSL                    | 40             | 52.5                           | 1334                       | 1.0           |
| 530JSL                    | 40             | 53.5                           | 1359                       | 1.0           |
| 540JSL                    | 40             | 54.5                           | 1384                       | 1.0           |
| 550JSL                    | 40             | 55.5                           | 1410                       | 1.1           |
| 580JSL                    | 40             | 58.5                           | 1486                       | 1.1           |
| 610JSL                    | 40             | 61.5                           | 1562                       | 1.2           |
| 650JSL                    | 40             | 65.5                           | 1664                       | 1.3           |
| 690JSL                    | 40             | 69.5                           | 1765                       | 1.3           |
| 730JSL                    | 40             | 73.5                           | 1867                       | 1.4           |
| 770JSL                    | 40             | 77.5                           | 1969                       | 1.5           |
| 840JSL                    | 40             | 84.5                           | 2146                       | 1.6           |
| 890JSL                    | 40             | 89.5                           | 2273                       | 1.7           |
| 920JSL                    | 40             | 92.5                           | 2350                       | 1.8           |
| 980JSL                    | 40             | 98.5                           | 2502                       | 1.9           |
| 1000JSL                   | 40             | 100.5                          | 2553                       | 2.8           |

# Specialty Belts



# Flour Power™ Roller Mill Belt

## Specialty Belts



**1 Tensile Member**  
Optimized cord for strength and high torque loading

**2 Rubber Compound**  
Advanced polymer provides optimal performance and long belt life

**3 Teeth**  
Jump and shear resistant teeth

**4 Nylon Tooth Facing**  
Graphite impregnated fabric is wear resistant

Efficient and consistent power transfer

Heat, abrasion and wear resistant

Durable and dependable

Available in matched sets

Smooth, vibration-free performance

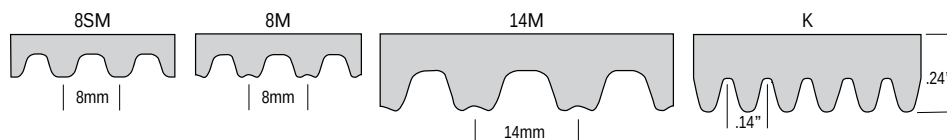
Market  
Food processing industry

Application  
Roller mills



# Flour Power™ Roller Mill Belt

## Specialty Belts



**Avoid downtime with durable and dependable Flour Power™ roller mill belts.**

Roller milling machines are widely used in food-processing. Flour mills run 24 hours a day, seven days a week. Timken Roller Mill belts offer efficient and reliable power transmission in a compact drive solution.

Roller mill drive belts are typically dual sided. Some are constructed as a dual synchronous or dual v-ribbed belt, while others feature a high torque synchronous belt on one side with v-ribbed capability on the other. These Timken specialty belts are designed for optimum performance and drive life while reducing maintenance and downtime.

### Features/Advantages

- High performance advanced polymer compound for long belt life
- Optimized tensile cord for strength and high torque loading
- Graphite impregnated fabric facing for improved wear resistance
- Jump and shear resistant belt teeth
- Efficient and consistent power transfer
- Heat, abrasion and wear resistant
- Flexible, vibration-free performance
- Durable and dependable
- Available in matched sets
- Manufactured in ISO 9001:2015 facilities
- Made in USA



### Application

- Roller mills
  - Roller milling is a process used to separate the parts of grain and grind into flour
  - The rollers rotate at different speeds and the material is sheared as it passes through the gap

### Matched Sets

- Belts can be ordered in matched sets
  - Add a dash and the number of belts needed as a suffix to the part number

# Flour Power™ Roller Mill Belt

## Specialty Belts

### Flour Power Roller Mill Belt Part Numbers

Part Number Example: **1760-8M-PK12-3 =**

|                               |   |                                 |   |                                |   |                   |   |                     |
|-------------------------------|---|---------------------------------|---|--------------------------------|---|-------------------|---|---------------------|
| <b>1760</b>                   | - | <b>8M</b>                       | - | <b>PK</b>                      | - | <b>12</b>         | - | <b>3</b>            |
| Pitch Length<br>(millimeters) |   | Synchronous Side<br>Tooth Pitch |   | V-Ribbed Side<br>Cross Section |   | Number<br>of Ribs |   | Matched<br>Set of 3 |

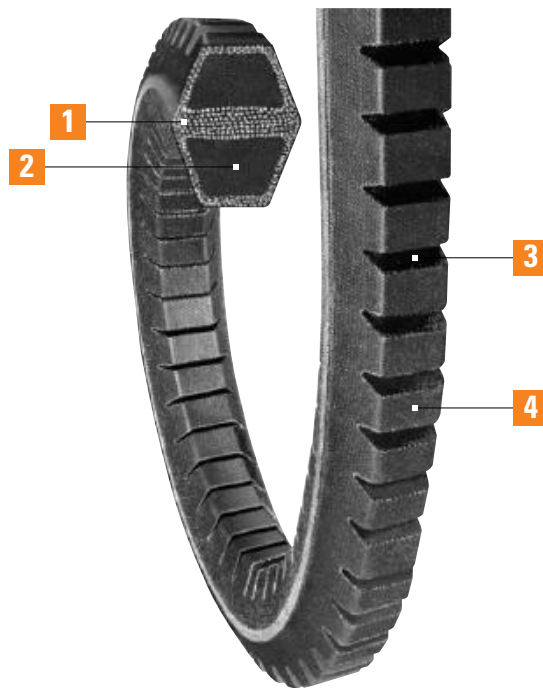
| Part Number                                           | Pitch Length (mm) | Number of Teeth | Number of Ribs | Weight (lbs.) |
|-------------------------------------------------------|-------------------|-----------------|----------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                   |                 |                |               |
| 1552-8M-PK12                                          | 1552              | 194             | 12             | 1.3           |
| 1552-8M-PK16                                          | 1552              | 194             | 16             | 1.3           |
| 1552-8M-PK16-2                                        | 1552              | 194             | 16             | 2.6           |
| 1552-8M-PK32                                          | 1552              | 194             | 32             | 3.5           |
| 1552-8M-PK36                                          | 1552              | 194             | 36             | 3.9           |
| 1552-8M-PK38                                          | 1552              | 194             | 38             | 4.0           |
| 1552-S8M-PK16*                                        | 1552              | 194             | 16             | 1.6           |
| 1552-S8M-PK16-2*                                      | 1552              | 194             | 16             | 3.2           |
| 1552-S8M-PK30*                                        | 1552              | 194             | 30             | 2.9           |
| 1552-S8M-PK32*                                        | 1552              | 194             | 32             | 3             |
| 1760-8M-PK12                                          | 1760              | 220             | 12             | 1.4           |
| 1760-8M-PK12-3                                        | 1760              | 220             | 12             | 4.2           |
| 1760-8M-PK18                                          | 1760              | 220             | 18             | 2.1           |
| 1760-8M-PK20                                          | 1760              | 220             | 20             | 2.4           |
| 1760-8M-PK24                                          | 1760              | 220             | 24             | 2.8           |
| 1760-8M-PK36                                          | 1760              | 220             | 36             | 4.3           |
| 1760-8M-PK38                                          | 1760              | 220             | 38             | 4.5           |
| 1778-14M-PK12                                         | 1778              | 127             | 12             | 2.0           |
| 1778-14M-PK12-3                                       | 1778              | 127             | 12             | 6.0           |
| 1778-14M-PK36                                         | 1778              | 127             | 36             | 6.0           |
| 2400-8M-PK12                                          | 2400              | 300             | 12             | 1.9           |
| 2400-8M-PK12-3                                        | 2400              | 300             | 12             | 5.7           |
| 2400-8M-PK36                                          | 2400              | 300             | 36             | 5.7           |
| 2800-8M-PK16                                          | 2800              | 350             | 16             | 3.0           |
| 1765PVL22D                                            | 1765              | n/a             | 22             | 4.5           |
| 1765PVL26D                                            | 1765              | n/a             | 26             | 5.3           |

\* Flour Power "S" belts are used with STPD profile sprockets.



# Dry Can Belt

## Specialty Belts



- 1 Polyester Cord**  
Multiple plies of high-modulus cord carry the horsepower load with minimum stretch. Adds belt strength and stability during peak shock loads.

- 2 Compression Section**  
Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.

- 3 Deep-Groove Notches**  
Notched design for greater flexibility and increased life.

- 4 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Pulleys:**  
Conventional – QD, Taper Bushed, or MST (C)

Special construction CC cross section

Power transmission from both sides of the belt

Deep-groove notches for flexibility and long life

Multiple plies of high-modulus cord

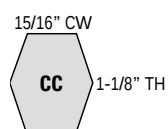
Oil, heat, ozone, and abrasion resistant

Static conductive

**Applications:**  
Textile industry  
Drying cans

# Dry Can Belt

## Specialty Belts



Part Number Example: **CC600S** = **CC** **600** **S**  
Cross Section Double Angle      Pitch Length (inches)      Notched Cog Construction

**Dry Can belts are designed with deep-groove notches specifically developed for “CC” drives commonly found in the demanding textile industry.**

Deep groove double “CC” belts are designed for drives with long center, serpentine applications commonly found in the demanding textile industry. The deep groove minimizes belt rollover while the notches provide added flexibility and long belt life with dependable power from both sides of the belt.

### Features/Advantages

- Special construction deep groove CC cross section
- Strong yet flexible for power transmission from both sides of the belt
- Multiple-ply cord provides superior strength and durability with minimal stretch
- Oil, heat, ozone, and abrasion resistant

### Important Application Information

Dry Can belts are normally used as a single belt on a drive and matching is not required. When ordering two or more Dry Can belts to be used as a matched set on the same drive, please specify that the belts must be a matched set.

## Dry Can Specialty Belt Part Numbers

| Part Number                                                                        | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| <b>C Belt Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                                |                            |               |
| CC210S                                                                             | 214.1                          | 5438                       | 8.0           |
| CC240S                                                                             | 242.1                          | 6149                       | 9.0           |
| CC270S                                                                             | 272.1                          | 6911                       | 10.1          |
| CC300S                                                                             | 302.1                          | 7673                       | 11.3          |
| CC330S                                                                             | 332.1                          | 8435                       | 12.4          |
| CC360S                                                                             | 362.1                          | 9197                       | 13.5          |
| CC390S                                                                             | 392.1                          | 9959                       | 14.6          |
| CC420S                                                                             | 422.1                          | 10721                      | 15.7          |
| CC440S                                                                             | 442.1                          | 11229                      | 16.5          |
| CC450S                                                                             | 452.1                          | 11483                      | 16.8          |
| CC480S                                                                             | 482.1                          | 12245                      | 18.0          |
| CC540S                                                                             | 542.1                          | 13769                      | 20.2          |
| CC550S                                                                             | 552.1                          | 14023                      | 20.6          |
| CC600S                                                                             | 602.1                          | 15293                      | 22.4          |
| CC640S                                                                             | 642.1                          | 16309                      | 23.9          |
| CC660S                                                                             | 662.1                          | 16817                      | 24.7          |
| CC670S                                                                             | 672.1                          | 17071                      | 25.0          |
| CC680S                                                                             | 682.1                          | 17325                      | 25.4          |
| CC700S                                                                             | 702.1                          | 17833                      | 26.2          |
| CC720S                                                                             | 722.1                          | 18341                      | 26.9          |
| CC750S                                                                             | 752.1                          | 19103                      | 28.0          |
| CC780S                                                                             | 782.1                          | 19865                      | 29.1          |
| CC800S                                                                             | 802.1                          | 20373                      | 29.9          |
| CC840S                                                                             | 842.1                          | 21389                      | 31.4          |
| CC900S                                                                             | 902.1                          | 22913                      | 33.6          |

For sizes not listed contact customer service for availability. Minimum order quantity and/or extended lead times may apply.

# Feather Picker V-Belt

## Specialty Belts



**1 EPDM**  
Durable and resistant to heat, hardening, glazing, steam and moisture

**2 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Adds belt strength and stability during peak shock loads.

**3 Double Cog**  
Double sided molded cogs are engineered for superior flexibility

**4 Raw Edge Sidewalls**  
Enhanced gripping power and long belt life

Gripping power of raw edge sidewalls

Superior flexing of precision molded cogs

Durability of highly engineered polymer

High strength tensile cord

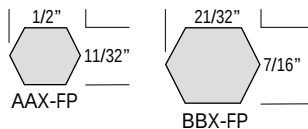
Resistant to heat, steam and moisture

Resistant to wear, hardening and glazing

Broad operating temperature range  
-50°F to +250°F

# Feather Picker V-Belt

## V-Belts



Part Number Example: **BBX155FP** = **BB** **X** **155** **FP**  
 Cross Section Cogged Construction Inside Circumference (inches) Feather Picker

Timken Feather Picker belts are made of Ethylene Propylene Diene Monomer (EPDM) which is durable, and resistant to heat, hardening and glazing. Feather Picker belts offer superior flex and load carrying capacity, resist cracking and won't stretch.

Reduce downtime and maintenance costs with premium quality Timken belts for poultry processing equipment. The feather picking machine is a critical application in poultry processing plants. Downtime on this machine alone stops the entire process. The belts that operate in this harsh environment must be reliable. Feather Picker belts are made of an advanced polymer and optimized tensile cord for improved wear resistance and long belt life. The unique double sided molded cog design is engineered for flexibility and enhanced grip in moist conditions. Feather Picker belts resist steam and moisture better than competitive wrapped belt constructions.

### Belts are sold in matched sets of 2

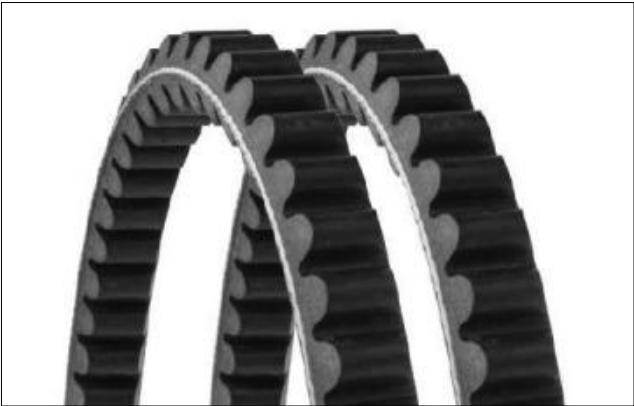
- Never mix new and used belts on a drive
- Never mix belts from different manufacturers

### Available in AAX and BBX sizes.

- Other sizes and constructions are available as made-to-order belts

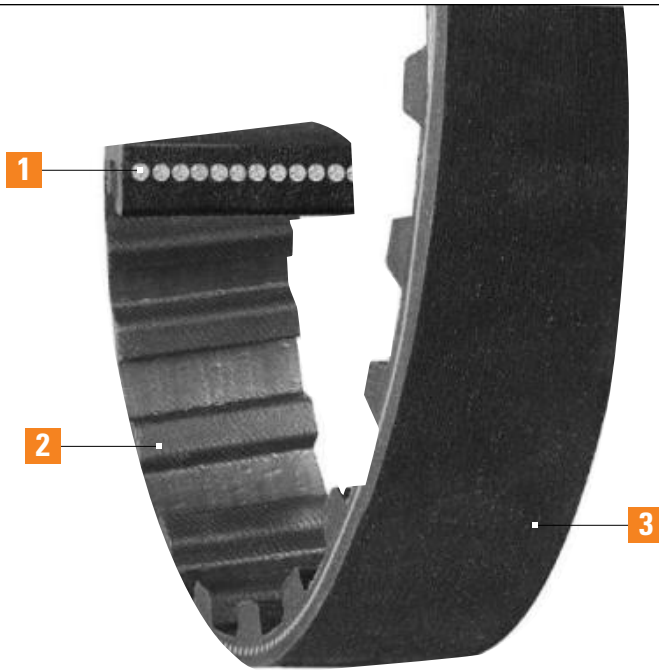
## Feather Picker Part Numbers

| Part Number                                                            | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|------------------------------------------------------------------------|--------------------------------|----------------------------|---------------|
| AAX Section –<br>Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| AAX128FP                                                               | 131.3                          | 3335                       | 4.7           |
| AAX142FP                                                               | 145.3                          | 3691                       | 5.2           |
| AAX144FP                                                               | 147.3                          | 3741                       | 5.2           |
| AAX146FP                                                               | 149.3                          | 3792                       | 5.3           |
| AAX148FP                                                               | 151.3                          | 3843                       | 5.4           |
| AAX161FP                                                               | 164.3                          | 4173                       | 5.8           |
| AAX163FP                                                               | 166.3                          | 4224                       | 5.9           |
| AAX184FP                                                               | 187.3                          | 4757                       | 6.7           |
| BBX Section –<br>Use sheaves recommended by the equipment manufacturer |                                |                            |               |
| BBX155FP                                                               | 160.2                          | 4069                       | 7.6           |
| BBX158FP                                                               | 163.2                          | 4145                       | 7.8           |
| BBX161FP                                                               | 166.2                          | 4221                       | 7.7           |
| BBX168FP                                                               | 173.2                          | 4399                       | 8.2           |
| BBX172FP                                                               | 177.2                          | 4501                       | 8.4           |
| BBX185FP                                                               | 180.2                          | 4577                       | 9.1           |
| BBX195FP                                                               | 200.2                          | 5085                       | 9.5           |



# Cotton Drive® Timing Belt

## Specialty Belts



- 1 Ultra-Cord®**  
Delivers high strength and dimensional stability
- 2 Engineered Tooth Fabric**  
Tooth cover provides superior resistance to heat, ozone, grease, oil and friction wear
- 3 Premium Rubber Compound**  
Advanced polymer formulated for increased resistance to tooth jump and shear

Ultra-Cord® tensile member

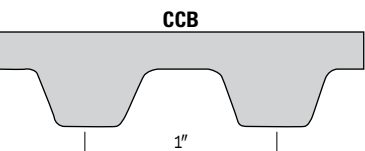
Designed for exact OEM replacement on cotton gin drives

Uniquely constructed for optimum performance in this harsh application



# Cotton Drive® Timing Belt

## Specialty Belts



Cotton Drive® belts are special 1” pitch timing belts designed for use on cotton gin incline cleaner machines. The belts are specially constructed to handle this harsh, abrasive application.

### Features/Advantages

- Ultra-Cord® tensile member delivers strength and dimensional stability
- Advanced polymer compound resists jump and tooth shear
- Long belt life
- Low tension decay
- Resistant to heat, ozone, grease, oil and friction wear
- Made in USA



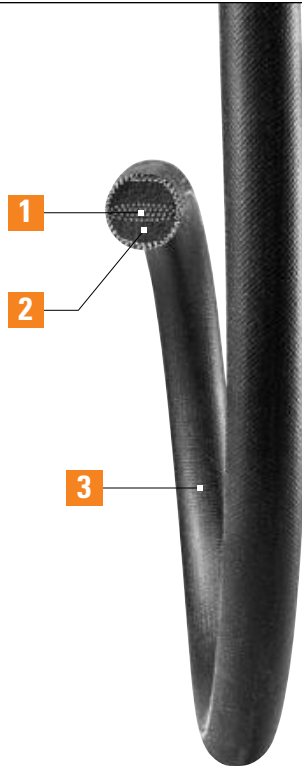
Part Number Example: **61CCB142** = **61** **CCB** **142**  
Pitch Length (inches) Cotton Cleaner Belt Drive Center Distance (inches)

## Cotton Drive® Belt Part Numbers

| Part Number                                           | Number of Teeth | Top Width | Pitch Length (inches) | Weight (lbs.) |
|-------------------------------------------------------|-----------------|-----------|-----------------------|---------------|
| Use sheaves recommended by the equipment manufacturer |                 |           |                       |               |
| 61CCB142                                              | 61              | 1.5       | 61.07                 | 2.0           |
| 63CCB165                                              | 63              | 1.5       | 63.00                 | 2.1           |
| 63CCB165-2-1/2                                        | 63              | 2.5       | 63.00                 | 3.5           |
| 64CCB170                                              | 64              | 1.5       | 63.95                 | 2.2           |
| 65CCB175                                              | 65              | 1.5       | 64.95                 | 2.3           |



# Round Specialty Belts



- 1 High-Modulus Cord**  
Multiple layers of high-modulus polyester cord provide exceptional flexibility, strength and durability with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life.

- 2 Compression Section**  
Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.

- 3 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Pulleys:**  
Conventional – QD, Taper Bushed, or MST (A-B)

Minimal stretch for minimum take-up requirements

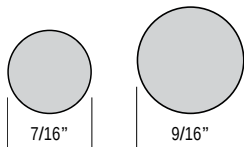
No splice for added durability

Available in most popular sizes for conveyor applications

**Applications:**  
Conveyors  
& More

# Round

## Specialty Belts



**Round belts are a high performance solution for quarter-turn, twisted, and serpentine drives.**

Round belts are used on conveyors and other applications with quarter-turn or twisted drives. Timken round belts feature a no-splice construction for added durability. Multiple layers of high-modulus cord provide flexibility and strength. The cover fabric protects the core and assures a smooth transfer of power. Round belts are available in various lengths in 7/16" and 9/16" diameters.

Other sizes are available. Please contact your Timken Belts customer service team. Extended lead times and minimum order quantities may apply.



# Round Specialty Belts

## Round Belt Part Numbers

Part Number Example: **716R100** = **716** **R** **100**  
Diameter (fractional inches 7/16") Round Belt Construction Effective Length (inches)

| Part Number                                                                                  | Diameter (in) | Effective Length (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------------|---------------|-----------------------|--------------|
| <b>7/16" Diameter Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |               |                       |              |
| 716R70                                                                                       | 7/16"         | 70                    | 0.6          |
| 716R71                                                                                       | 7/16"         | 71                    | 0.6          |
| 716R72                                                                                       | 7/16"         | 72                    | 0.6          |
| 716R73                                                                                       | 7/16"         | 73                    | 0.6          |
| 716R74                                                                                       | 7/16"         | 74                    | 0.6          |
| 716R75                                                                                       | 7/16"         | 75                    | 0.6          |
| 716R76                                                                                       | 7/16"         | 76                    | 0.6          |
| 716R77                                                                                       | 7/16"         | 77                    | 0.9          |
| 716R78                                                                                       | 7/16"         | 78                    | 0.4          |
| 716R79                                                                                       | 7/16"         | 79                    | 0.4          |
| 716R80                                                                                       | 7/16"         | 80                    | 0.4          |
| 716R81                                                                                       | 7/16"         | 81                    | 0.4          |
| 716R82                                                                                       | 7/16"         | 82                    | 0.5          |
| 716R83                                                                                       | 7/16"         | 83                    | 0.5          |
| 716R84                                                                                       | 7/16"         | 84                    | 0.5          |
| 716R85                                                                                       | 7/16"         | 85                    | 0.5          |
| 716R86                                                                                       | 7/16"         | 86                    | 0.5          |
| 716R87                                                                                       | 7/16"         | 87                    | 0.5          |
| 716R88                                                                                       | 7/16"         | 88                    | 0.5          |
| 716R89                                                                                       | 7/16"         | 89                    | 0.5          |
| 716R90                                                                                       | 7/16"         | 90                    | 0.5          |
| 716R91                                                                                       | 7/16"         | 91                    | 0.5          |
| 716R92                                                                                       | 7/16"         | 92                    | 0.5          |
| 716R93                                                                                       | 7/16"         | 93                    | 0.5          |
| 716R94                                                                                       | 7/16"         | 94                    | 0.5          |
| 716R95                                                                                       | 7/16"         | 95                    | 0.5          |
| 716R96                                                                                       | 7/16"         | 96                    | 0.5          |
| 716R97                                                                                       | 7/16"         | 97                    | 0.5          |
| 716R98                                                                                       | 7/16"         | 98                    | 0.6          |
| 716R99                                                                                       | 7/16"         | 99                    | 0.6          |
| 716R100                                                                                      | 7/16"         | 100                   | 0.6          |
| 716R101                                                                                      | 7/16"         | 101                   | 0.6          |
| 716R102                                                                                      | 7/16"         | 102                   | 0.6          |

| Part Number                                                                                  | Diameter (in) | Effective Length (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------------|---------------|-----------------------|--------------|
| <b>7/16" Diameter Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |               |                       |              |
| 716R103                                                                                      | 7/16"         | 103                   | 0.6          |
| 716R104                                                                                      | 7/16"         | 104                   | 0.6          |
| 716R105                                                                                      | 7/16"         | 105                   | 0.6          |
| 716R106                                                                                      | 7/16"         | 106                   | 0.6          |
| 716R151                                                                                      | 7/16"         | 150.7                 | 0.6          |
| <b>9/16" Diameter Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |               |                       |              |
| 916R70                                                                                       | 9/16"         | 70                    | 1.0          |
| 916R71                                                                                       | 9/16"         | 71                    | 1.0          |
| 916R72                                                                                       | 9/16"         | 72                    | 1.0          |
| 916R73                                                                                       | 9/16"         | 73                    | 1.0          |
| 916R74                                                                                       | 9/16"         | 74                    | 1.0          |
| 916R75                                                                                       | 9/16"         | 75                    | 1.1          |
| 916R76                                                                                       | 9/16"         | 76                    | 1.1          |
| 916R77                                                                                       | 9/16"         | 77                    | 1.1          |
| 916R78                                                                                       | 9/16"         | 78                    | 1.1          |
| 916R79                                                                                       | 9/16"         | 79                    | 1.1          |
| 916R80                                                                                       | 9/16"         | 80                    | 1.1          |
| 916R81                                                                                       | 9/16"         | 81                    | 1.1          |
| 916R82                                                                                       | 9/16"         | 82                    | 1.1          |
| 916R83                                                                                       | 9/16"         | 83                    | 1.1          |
| 916R84                                                                                       | 9/16"         | 84                    | 1.2          |
| 916R85                                                                                       | 9/16"         | 85                    | 1.2          |
| 916R86                                                                                       | 9/16"         | 86                    | 1.2          |
| 916R87                                                                                       | 9/16"         | 87                    | 1.2          |
| 916R88                                                                                       | 9/16"         | 88                    | 1.2          |
| 916R89                                                                                       | 9/16"         | 89                    | 1.2          |
| 916R90                                                                                       | 9/16"         | 90                    | 1.2          |
| 916R91                                                                                       | 9/16"         | 91                    | 1.3          |
| 916R92                                                                                       | 9/16"         | 92                    | 1.4          |
| 916R93                                                                                       | 9/16"         | 93                    | 1.5          |
| 916R94                                                                                       | 9/16"         | 94                    | 1.5          |
| 916R95                                                                                       | 9/16"         | 95                    | 1.6          |

# Round Specialty Belts

## Round Belt Part Numbers

Part Number Example: **916R96** =

**916**      **R**      **96**  
 Diameter      Round Belt      Effective Length  
 (fractional inches 9/16")      Construction      (inches)

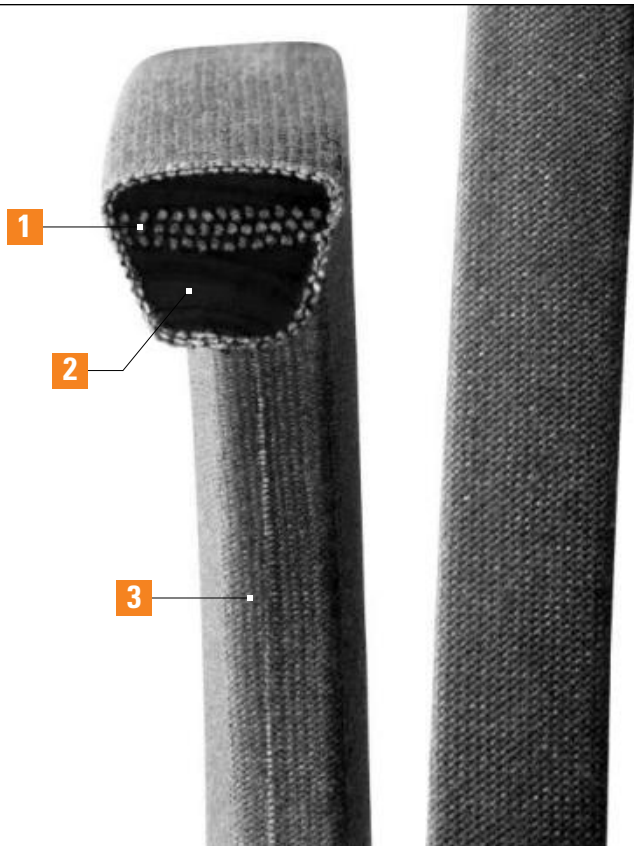
| Part Number                                                                                  | Diameter (in) | Effective Length (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------------|---------------|-----------------------|--------------|
| <b>9/16" Diameter Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |               |                       |              |
| 916R96                                                                                       | 9/16"         | 96                    | 1.7          |
| 916R97                                                                                       | 9/16"         | 97                    | 1.7          |
| 916R98                                                                                       | 9/16"         | 98                    | 1.8          |
| 916R99                                                                                       | 9/16"         | 99                    | 1.9          |
| 916R100                                                                                      | 9/16"         | 100                   | 2.0          |
| 916R101                                                                                      | 9/16"         | 101                   | 2.1          |
| 916R102                                                                                      | 9/16"         | 102                   | 2.4          |
| 916R103                                                                                      | 9/16"         | 103                   | 2.5          |
| 916R104                                                                                      | 9/16"         | 104                   | 2.7          |
| 916R105                                                                                      | 9/16"         | 105                   | 3.1          |
| 916R106                                                                                      | 9/16"         | 106                   | 3.4          |
| 916R107                                                                                      | 9/16"         | 107                   | 3.5          |
| 916R108                                                                                      | 9/16"         | 108                   | 3.5          |
| 916R109                                                                                      | 9/16"         | 109                   | 3.7          |
| 916R110                                                                                      | 9/16"         | 110                   | 3.9          |
| 916R111                                                                                      | 9/16"         | 111                   | 4.3          |
| 916R112                                                                                      | 9/16"         | 112                   | 4.6          |
| 916R113                                                                                      | 9/16"         | 113                   | 4.8          |
| 916R114                                                                                      | 9/16"         | 114                   | 5.1          |
| 916R115                                                                                      | 9/16"         | 115                   | 5.3          |
| 916R116                                                                                      | 9/16"         | 116                   | 5.8          |
| 916R117                                                                                      | 9/16"         | 117                   | 5.8          |
| 916R118                                                                                      | 9/16"         | 118                   | 6.1          |
| 916R119                                                                                      | 9/16"         | 119                   | 6.2          |
| 916R120                                                                                      | 9/16"         | 120                   | 6.7          |
| 916R128                                                                                      | 9/16"         | 128                   | 0.7          |
| 916R135                                                                                      | 9/16"         | 135                   | 0.7          |
| 916R144                                                                                      | 9/16"         | 144                   | 0.7          |
| 916R148                                                                                      | 9/16"         | 148                   | 0.7          |
| 916R155                                                                                      | 9/16"         | 155                   | 0.7          |
| 916R166                                                                                      | 9/16"         | 166                   | 0.8          |
| 916R172                                                                                      | 9/16"         | 172                   | 0.8          |

| Part Number                                                                                  | Diameter (in) | Effective Length (in) | Weight (lbs) |
|----------------------------------------------------------------------------------------------|---------------|-----------------------|--------------|
| <b>9/16" Diameter Recommended Pulleys:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |               |                       |              |
| 916R176                                                                                      | 9/16"         | 176                   | 7.8          |
| 916R190                                                                                      | 9/16"         | 190                   | 0.8          |
| 916R200                                                                                      | 9/16"         | 200                   | 0.8          |
| 916R210                                                                                      | 9/16"         | 210                   | 0.8          |
| 916R233                                                                                      | 9/16"         | 233                   | 0.8          |
| 916R250                                                                                      | 9/16"         | 250                   | 0.8          |
| 916R270                                                                                      | 9/16"         | 270                   | 0.8          |
| 916R308                                                                                      | 9/16"         | 308                   | 0.8          |
| 916R331                                                                                      | 9/16"         | 331                   | 0.8          |
| 916R341                                                                                      | 9/16"         | 341                   | 0.9          |
| 916R345                                                                                      | 9/16"         | 345                   | 0.9          |
| 916R366                                                                                      | 9/16"         | 366                   | 0.9          |
| 916R386                                                                                      | 9/16"         | 386                   | 0.9          |
| 916R416                                                                                      | 9/16"         | 416                   | 0.9          |
| 916R447                                                                                      | 9/16"         | 447                   | 0.9          |
| 916R465                                                                                      | 9/16"         | 465                   | 0.9          |
| 916R500                                                                                      | 9/16"         | 500                   | 0.9          |
| 916R522                                                                                      | 9/16"         | 522                   | 0.9          |
| 916R564                                                                                      | 9/16"         | 564                   | 0.9          |
| 916R572                                                                                      | 9/16"         | 572                   | 1.0          |
| 916R600                                                                                      | 9/16"         | 600                   | 1.0          |
| 916R603                                                                                      | 9/16"         | 603                   | 1.0          |
| 916R660                                                                                      | 9/16"         | 660                   | 1.0          |
| 916R762                                                                                      | 9/16"         | 762                   | 1.0          |

Other sizes are available. Please contact your Timken Belts customer service team. Extended lead times and minimum order quantities may apply.

# Super Arc<sup>®</sup>

## Specialty Belts



**1 High-modulus cord**  
Multiple layers of polyester cord provide exceptional flexibility, strength and durability

**2 Advanced polymer**  
Highly engineered polymer extends belt life

**3 Clutching cover**  
Superior fabric clutching cover is designed to handle misalignment and enhance wear resistance

Resists extreme stress and wear

Provides just the right amount of slip and grip

Allows the belt to flex around the arc of the conveyor

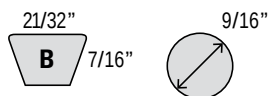
Excellent flex life

### Applications:

Live/powered roller conveyor drives

# Super Arc®

## Specialty Belts



**Specialty heavy duty wrapped belt designed to provide improved flexibility, performance and extended belt life on live/powered roller conveyor drives.**

Super Arc belts are designed to resist the extreme stress and wear experienced on powered roller conveyor drives. The brown clutching cover provides just the right amount of slip and grip between the belt and rollers. The multiple layers of small diameter polyester cord allow the belt to flex around the arc of the conveyor. The highly engineered rubber compound supports the cord, while retaining excellent flex life.

### Features/Advantages

- Multiple plies of polyester cord provide exceptional flexibility, strength and durability
- Improved rubber compound helps extend belt life
- Superior fabric clutching cover is designed to handle misalignment and enhance wear resistance
- Oil and heat resistant
- Made in the USA



## Super Arc V-Belt Part Numbers

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|--------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |              |
| B112SA                                                                                    | 114.9                          | 2919                       | 1.0          |
| B225SA                                                                                    | 226.4                          | 5751                       | 1.1          |
| B135SA                                                                                    | 138.0                          | 3505                       | 1.2          |
| B141SA                                                                                    | 144.0                          | 3658                       | 1.3          |
| B152SA                                                                                    | 155.0                          | 3937                       | 1.4          |
| B155SA                                                                                    | 158.0                          | 4013                       | 1.4          |
| B172SA                                                                                    | 175.0                          | 4445                       | 1.6          |
| B173SA                                                                                    | 176.0                          | 4470                       | 1.6          |
| B174SA                                                                                    | 177.0                          | 4496                       | 1.6          |
| B176SA                                                                                    | 179.0                          | 4547                       | 1.6          |
| B180SA                                                                                    | 183.0                          | 4648                       | 1.6          |
| B192SA                                                                                    | 195.0                          | 4953                       | 1.7          |
| B196SA                                                                                    | 199.0                          | 5055                       | 1.8          |
| B200SA                                                                                    | 203.0                          | 5156                       | 1.8          |
| B208SA                                                                                    | 211.0                          | 5359                       | 1.9          |
| B210SA                                                                                    | 213.0                          | 5410                       | 1.9          |
| B213SA                                                                                    | 214.5                          | 5448                       | 1.9          |
| B215SA                                                                                    | 216.5                          | 5499                       | 1.9          |
| B232SA                                                                                    | 233.5                          | 5931                       | 2.1          |
| B234SA                                                                                    | 235.5                          | 5982                       | 2.1          |
| B240SA                                                                                    | 241.4                          | 6132                       | 2.2          |
| B242SA                                                                                    | 243.5                          | 6185                       | 2.2          |
| B249SA                                                                                    | 250.5                          | 6363                       | 2.2          |
| B250SA                                                                                    | 251.5                          | 6388                       | 2.2          |
| B254SA                                                                                    | 255.5                          | 6490                       | 2.3          |
| B255SA                                                                                    | 256.4                          | 6513                       | 2.3          |
| B262SA                                                                                    | 263.5                          | 6693                       | 2.4          |
| B270SA                                                                                    | 271.5                          | 6896                       | 2.4          |
| B274SA                                                                                    | 275.5                          | 6998                       | 2.4          |
| B275SA                                                                                    | 276.5                          | 7023                       | 2.5          |
| B278SA                                                                                    | 279.5                          | 7099                       | 2.5          |
| B280SA                                                                                    | 281.5                          | 7150                       | 2.5          |
| B285SA                                                                                    | 286.4                          | 7275                       | 2.6          |
| B289SA                                                                                    | 290.5                          | 7379                       | 2.6          |
| B295SA                                                                                    | 296.5                          | 7531                       | 2.7          |

# Super Arc® Specialty Belts

Part Number Example: **B603SA** = **B** **603** **SA**  
Cross Section      Inside Circumference (Inches)      Super Arc Construction

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|--------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |              |
| B300SA                                                                                    | 301.5                          | 7658                       | 2.8          |
| B308SA                                                                                    | 309.5                          | 7861                       | 2.8          |
| B315SA                                                                                    | 316.5                          | 8039                       | 2.8          |
| B320SA                                                                                    | 321.5                          | 8166                       | 2.9          |
| B330SA                                                                                    | 331.4                          | 8418                       | 3.0          |
| B331SA                                                                                    | 332.5                          | 8446                       | 3.0          |
| B345SA                                                                                    | 346.5                          | 8801                       | 3.1          |
| B355SA                                                                                    | 356.5                          | 9055                       | 3.2          |
| B360SA                                                                                    | 361.5                          | 9182                       | 3.3          |
| B366SA                                                                                    | 367.5                          | 9335                       | 3.4          |
| B372SA                                                                                    | 373.5                          | 9487                       | 3.4          |
| B375SA                                                                                    | 376.4                          | 9561                       | 3.4          |
| B380SA                                                                                    | 381.5                          | 9690                       | 3.5          |
| B386SA                                                                                    | 387.5                          | 9843                       | 3.5          |
| B398SA                                                                                    | 399.5                          | 10147                      | 3.7          |
| B405SA                                                                                    | 406.4                          | 10323                      | 3.7          |
| B416SA                                                                                    | 417.5                          | 10605                      | 3.8          |
| B430SA                                                                                    | 431.5                          | 10960                      | 3.9          |
| B431SA                                                                                    | 432.5                          | 10986                      | 3.9          |
| B436SA                                                                                    | 437.5                          | 11113                      | 3.9          |
| B445SA                                                                                    | 446.4                          | 11339                      | 4.0          |
| B447SA                                                                                    | 448.5                          | 11392                      | 4.1          |
| B458SA                                                                                    | 459.5                          | 11671                      | 4.2          |
| B460SA                                                                                    | 461.4                          | 11720                      | 4.2          |
| B465SA                                                                                    | 466.5                          | 11849                      | 4.3          |
| B473SA                                                                                    | 474.5                          | 12052                      | 4.3          |
| B482SA                                                                                    | 483.5                          | 12281                      | 4.4          |
| B493SA                                                                                    | 494.5                          | 12560                      | 4.5          |
| B494SA                                                                                    | 495.5                          | 12586                      | 4.4          |
| B500SA                                                                                    | 501.4                          | 12736                      | 4.5          |
| B508SA                                                                                    | 509.5                          | 12941                      | 4.6          |
| B511SA                                                                                    | 512.4                          | 13015                      | 4.6          |
| B522SA                                                                                    | 523.5                          | 13297                      | 4.8          |
| B525SA                                                                                    | 526.5                          | 13373                      | 4.8          |
| B537SA                                                                                    | 538.5                          | 13678                      | 4.9          |

| Part Number                                                                               | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs) |
|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------|--------------|
| <b>B Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                                |                            |              |
| B543SA                                                                                    | 544.5                          | 13830                      | 4.9          |
| B553SA                                                                                    | 554.5                          | 14084                      | 5.1          |
| B564SA                                                                                    | 565.5                          | 14364                      | 5.1          |
| B572SA                                                                                    | 573.5                          | 14567                      | 5.1          |
| B587SA                                                                                    | 588.5                          | 14948                      | 5.4          |
| B603SA                                                                                    | 604.5                          | 15354                      | 5.4          |
| B618SA                                                                                    | 619.5                          | 15735                      | 5.5          |
| B632SA                                                                                    | 633.5                          | 16091                      | 5.8          |
| B660SA                                                                                    | 661.5                          | 16802                      | 5.5          |

## Super Arc Round Belt Part Numbers

| Part Number                                                   | Diameter (in) | Effective Length (in) | Weight (lbs) |
|---------------------------------------------------------------|---------------|-----------------------|--------------|
| <b>Use sheaves recommended by the equipment manufacturer.</b> |               |                       |              |
| 916R155SA                                                     | 9/16"         | 155                   | 1.6          |
| 916R200SA                                                     | 9/16"         | 200                   | 2.1          |
| 916R210SA                                                     | 9/16"         | 210                   | 2.1          |
| 916R233SA                                                     | 9/16"         | 233                   | 2.3          |
| 916R289SA                                                     | 9/16"         | 289                   | 2.9          |
| 916R308SA                                                     | 9/16"         | 308                   | 3.1          |
| 916R345SA                                                     | 9/16"         | 345                   | 3.4          |
| 916R386SA                                                     | 9/16"         | 386                   | 4.1          |
| 916R416SA                                                     | 9/16"         | 416                   | 4.4          |
| 916R447SA                                                     | 9/16"         | 447                   | 4.5          |

Note:  
 Super Arc belts are NOT static dissipating.  
 Super Arc belts are NOT Chek Mate® matched.  
 Normally used as a single belt on a drive and matching is not required.



## Timken® Super Arc® Belt puts distribution warehouse ahead of the curve

### CHALLENGE

A customer was struggling with a competitor's belt that would not perform on a live/powered roller conveyor drive used in a large distribution hub warehouse. The conveyor, located not far from a conference area, was making a lot of racket and the noise levels were not acceptable. They shut down the machine for nearly an hour while the belt manufacturer's representative made adjustments to the idlers, rollers and belt tension – sure this would solve the problem, only to find that it was just as loud when they started it back up.

### TIMKEN BELTS SOLUTION

The Timken® Super Arc® belt is specially designed for live/powered roller conveyor drives and uses special fabrics and compounds to achieve the perfect amount of slip and grip needed to put the rollers in motion. Constructed with a clutching cover and multiple layers of small diameter polyester cord that allow the belt to flex while maintaining strength, the Super Arc belt was exactly what this challenging drive required.

The newly installed and properly tensioned B192SA Super Arc belt immediately “ran perfectly” according to the customer, and the racket disappeared, bringing the drive into the acceptable decibel (dB) range for that application. The belt easily navigated the tight turns as well as the horizontal transitions between different conveyor levels.



### RESULTS THAT MATTER

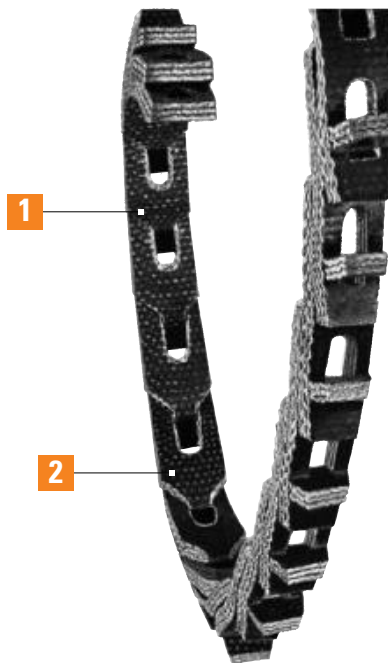
Pleased with the immediate results and a successful solution, the customer promptly ordered additional belts for other drives on the premises. The Timken Super Arc belt put the conveyor back in motion, ending the noise and downtime brought on by the competitor's belt.





# PowerTwist Drive® Link Belting

## Specialty Belts



**1 Polyurethane**  
High performance polyurethane elastomer.

**2 Fabric**  
Multiple plies of polyester fabric for high strength.

**Recommended Pulleys:**  
Conventional – QD, Taper Bushed, or MST (A-B, C); FHP – Bore-to-Size and MST (AK, BK)

Link belt for drives with no take-up adjustment capability

Emergency replacement belt

Easy, fast installation

Strong, flexible fabric reinforced urethane construction

Oil, chemical and temperature resistant

Sold in individually boxed 30 meter roll

**Applications:**  
Emergency replacement

Synchronous Belts

V- Belts

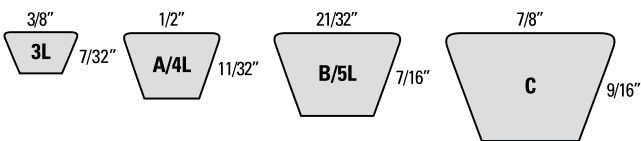
Specialty Belts

Tools

General Information

# PowerTwist Drive® Link Belting

## Specialty Belts



**PowerTwist Drive® is a urethane belt designed for drives that have no take-up adjustment capability or for use as an emergency replacement.**

PowerTwist Drive is strong, yet flexible with similar horsepower ratings to conventional rubber v-belts. PowerTwist Drive v-belts have the same cross section dimensions as regular belts and can be installed on existing sheaves with no changes in setup. Installation is easy. PowerTwist Drive can be assembled by hand and rolled onto the drive like a bicycle chain.

- Durable high-performance polyurethane/polyester composite
- Similar horsepower ratings to conventional rubber v-belts
- Same cross section dimensions as conventional v-belts
- Easy, fast installation
- Multiple plies of polyester fabric for high strength
- Resistant to oil, heat, and environmental conditions
- Operating temperature range of -40° F to +240° F
- Long life in harsh operating conditions

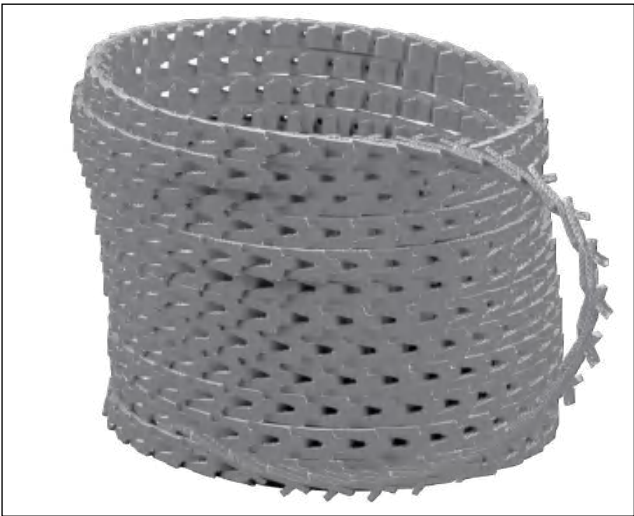
PowerTwist Drive is a registered trademark of Fenner U.S., Inc.

Part Number Example: **3L**Twist = **3L** **Twist**  
Cross Section PowerTwist Drive

## PowerTwist Drive® Part Numbers

| Part Number                                                                                                | Top Width (inches) | Length (feet) | Length (mm)   | Weight (lbs.) |
|------------------------------------------------------------------------------------------------------------|--------------------|---------------|---------------|---------------|
| Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B, C); FHP – Bore-to-Size and MST (AK, BK) |                    |               |               |               |
| 3LTWIST                                                                                                    | 3/8"               | 98 foot roll  | 30 meter roll | 11.5          |
| ATWIST                                                                                                     | 1/2"               | 98 foot roll  | 30 meter roll | 5.5           |
| BTWIST                                                                                                     | 5/8"               | 98 foot roll  | 30 meter roll | 8.9           |
| CTWIST                                                                                                     | 7/8"               | 98 foot roll  | 30 meter roll | 32.5          |

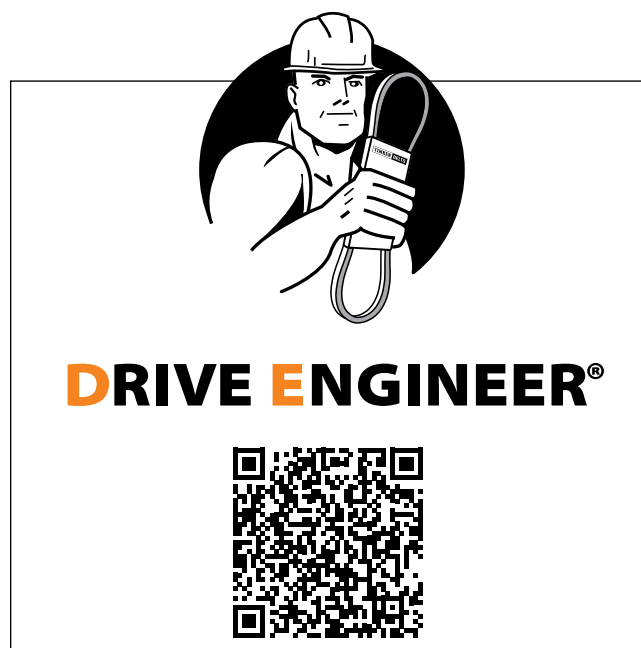
Minimum order quantity: One carton, 30 meter roll (approximately 98')



**Ensuring long belt life and optimum performance requires more than a quality belt. Timken® belts are backed by a team of experienced sales people, expert engineers, and an array of useful tools that can assist you in properly selecting, installing and maintaining your equipment to realize superior efficiencies and maximum belt life – saving you time and money.**

Always eager to assist you in analyzing or designing your next drive, Timken can provide training and guidance in the use of these tools.

Information on how to use these tools can be found at **timkenbelts.com** or **scan the QR code provided**.



## Drive Engineer®

### Belt Drive Design and Analysis Mobile Web App

The Drive Engineer web app delivers robust belt drive design and analysis to your desktop or mobile device! It puts drive design and analysis in the palm of your hand, providing extensive results and comprehensive data for use on v-belt or synchronous drives. Belt, pulley and drive output details and specifications can be filtered, changed, saved and shared with the touch of a finger.

Open the web app at: **www.driveengineer.com** or scan the QR code provided.

It's like having an engineer always at your side! All the experience and expertise of Timken Belt's award-winning belt engineering team is readily available in this handy tool. Whether you need on-the-spot troubleshooting or comprehensive drive design, the Drive Engineer app delivers robust results:

- Complete belt details with part numbers
- Complete pulley specifications with part numbers
- Complete drive output details
- Full list of recommended drives
- Easy to save and share results
- Desktop and mobile-friendly – available for Apple® iOS and Android® devices

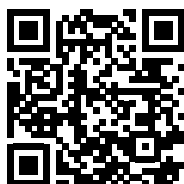
Drive Engineer facilitates both new drive selection as well as existing drive analysis. Information provided includes horsepower capacity, drive limit warnings, service factors, hub loads, bushings, diameters, center distance and tensioning – everything needed to design a maximum-efficiency belt drive system.

Apple® is a registered trademark of Apple Inc. Android® is a registered trademark of Google Inc.



## **POWERMISER**

Energy Savings Calculator



## **PowerMiser™**

### **Energy Savings Calculator Mobile Web App**

Timken Belts' PowerMiser™ web app is a powerful, but simple energy savings calculator that can be accessed within the Drive Engineer® web app or saved as a separate application on your desktop or mobile device.

#### **Calculate Energy Savings in 3 Easy Steps:**

1. Enter the basic parameters of your belt drive system
2. Plug in your local utility rate
3. Select an energy efficient Timken belt

**Instantly see estimated annual energy costs, savings and payback!**

Go to **[powermiser.driveengineer.com](http://powermiser.driveengineer.com)** or scan the QR code provided.



## **Industrial V-Belt Drives Service Manual**

Proper belt tensioning and alignment are important for energy efficiency and drive life. Consult the "Industrial V-Belt Drives Service Manual" for helpful tips on proper installation and maintenance of belt drives.

Download from the resources section of our websites, **[www.TimkenBelts.com](http://www.TimkenBelts.com)** or **[www.DriveEngineer.com](http://www.DriveEngineer.com)**, or scan the QR code provided.

## TENSION-FINDER®



It's practical!  
It's reusable!  
It's easy!  
It works!

## Tension-Finder®

### V-Belt Tensioning Device

Part Number 108039-A

Eliminate your tensioning headaches with the "Tension-Finder®" – a simple, easy and accurate alternative for tensioning individual v-belts or bands.

- No measurements
- No math
- No computers
- No o-rings

NOTE: The Tension-Finder is a proprietary design developed for use with Timken belts. Do not use on belts with aramid, glass or carbon fiber cord.



### Classical Belts

A, B, C, D, A-R, B-R, C-R, AX, BX, CX, DX, RB, RC, RD, RBX, RCX

### Wedge Belts

3V, 5V, 8V, 3VX, 5VX, 8VX, SPZ, SPA, SPB, SPC, XPZ, XPA, XPB, XPC, R3V, R5V, R8V, R3VX, R5VX

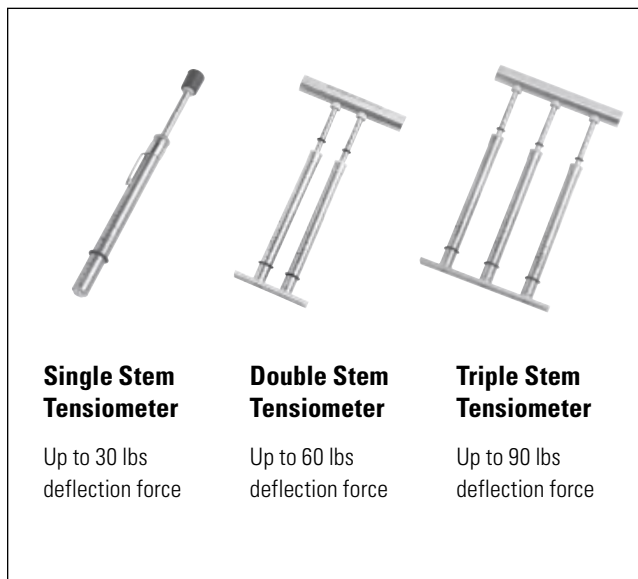
## Tension-Finder Jr.

### V-Belt Tensioning Device

Part Number 109081

Tension-Finder Jr. (formerly Big Shot) is a quick, easy and accurate device for tensioning new v-belts or bands. It's half the size of the Tension-Finder for use on smaller drives and HVAC applications. Proper tensioning is necessary for long, satisfactory operation of any belt drive. Tension-Finder Jr. can be used to tension new classical and wedge v-belts.

NOTE: Tension-Finder Jr. is a proprietary design developed for use with Timken belts. Do not use on belts with aramid, glass or carbon fiber cord.



## Spring-Loaded Tensiometer

### Belt Tensioning Device

|             |                           |
|-------------|---------------------------|
| Single Stem | <b>Part Number 102761</b> |
| Double Stem | <b>Part Number 105575</b> |
| Triple Stem | <b>Part Number 105576</b> |

Proper belt tensioning is one of the most important factors for satisfactory operation and long service life. Too little tension will result in slippage, causing rapid belt and sheave wear. Too much tension can result in excessive stress on the belts, bearings, and shafts.

The force required to deflect a span length by a given amount is related to the tension in the belt. The tensiometer measures that deflection. It can be used on v-belts, banded belts or synchronous belts.



## Frequency-Finder

### Belt Tensioning Device

**Part Number 109061**

The Frequency-Finder is an electronic instrument that precisely measures the frequency used to calculate the static tension in synchronous, v-belts, and v-ribbed belts. It displays the frequency on an LCD screen.

The Frequency-Finder works on the principle of forced vibration. The frequency of vibration is related to the tension of the belt, i.e. the higher the frequency reading, the higher the belt tension.

- Measures the natural frequency of vibration in the belt span
- Simple, fast, repeatable and reliable
- Can be used on any type of belt



## Laser-Align

### Laser Alignment Device

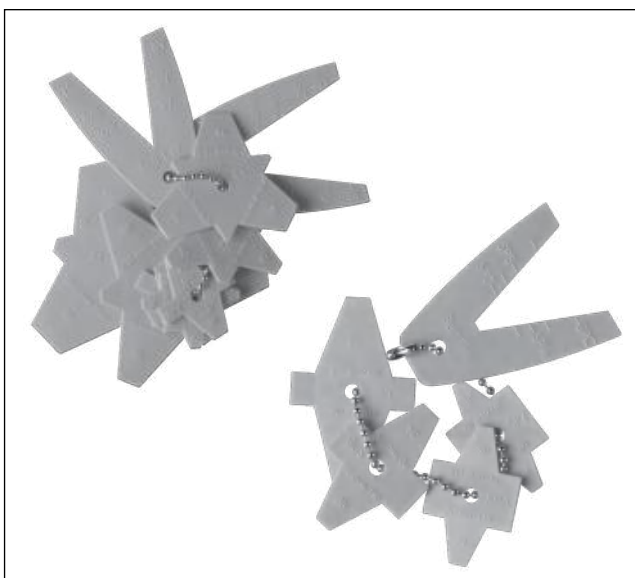
**Part Number 109083**

Laser-Align is a tool for fast and accurate alignment of belt drive pulleys. Laser-Align is magnetically mounted against the side of one of the pulleys and two magnetic targets are placed against the top, bottom or side of the opposite pulley. The laser projects from the end of the tool onto the targets allowing the user to quickly correct all types of misalignment between the pulleys. Only one person is needed to align the drive.

Along with proper tensioning, alignment is critical to satisfactory belt life and performance. A properly aligned drive reduces wear and vibration while increasing belt life and energy savings.

### Extra Target for Laser-Align

**Part Number 109083T**



## Sheave Gauges

### Templates to check sheave wear

**Imperial Set - Part Number 102495**

**Metric Set - Part Number 102496**

Sheave condition and alignment are vital to v-belt life and performance. New v-belts should never be installed without a thorough inspection of the sheaves. Particular attention should be given to wobbling sheaves, a shiny groove bottom and worn groove sidewalls.

Use the sheave gauge to accurately check grooves for wear. A flashlight held behind the template, when placed in the groove, will help you observe the amount of wear. Wear should not exceed 1/32" for individual v-belt drives and 1/64" for banded belt drives.

Sheave gauges are based upon the standards for classical belts from the Association for Rubber Products Manufacturers ARPM IP-20, wedge belts ARPM IP-22 and metric belts ISO 4183.





## Belt-Finder

### Belt Measuring Device

**Part Number 93859**

The Belt-Finder is used to measure multiple types of v-belts and to help identify the correct replacement belt needed. A quick check shows the top width and length of classical (A, AX, B and BX belts), wedge (3V, 3VX, 5V and 5VX) and FHP (3L, 4L, and 5L) belts. The Belt-Finder measures belts up to 100 inches in length.



## Wallboard & Signage

### Belt Merchandising Display

**Part Number 93899** (10 boards and 80 6" hooks)

A popular inventory and display system for v-belts. One box includes 10 wallboards and 80 hooks. Each wallboard is 36 inches long. The standard 6-inch hooks extend 5-3/8 inches. Extra hooks come in boxes of 25.

**Part Number: POP DISPLAY TIMKEN (1 sign)**

Individual point-of-purchase branded graphic signage is purchased separately to be mounted behind a single wallboard. (Order: POP DISPLAY TIMKEN)

**Part Number: TIMKEN BELTS MKTG KIT**

Ready-to-install branded display consists of one graphic sign, one wallboard and eight 6" hooks. (Order: TIMKEN BELTS MKTG KIT)

6-inch hooks, box of 25

8-inch hooks, box of 25

12-inch hooks, box of 25

**Part Number 93899-H6**

**Part Number 93899-H8**

**Part Number 93899-H12**

# General Information

## Synchronous Belt Drive Troubleshooting Guide

Synchronous Belts

V- Belts

Specialty Belts

Tools

General Information

| Type of Failure                                                           | Cause of Failure                                   | Corrective Action                                                                   |
|---------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Excessive edge wear (exposed tensile member)</b>                       | Misalignment or non-rigid centers                  | Check alignment and/or reinforce mounting                                           |
|                                                                           | Belt flange                                        | Straighten flange                                                                   |
| <b>Jacket wear on pressure-face side of belt tooth</b>                    | Excessive overload and/or incorrect tension        | Change installation tension and/or increase drive load carrying capacity            |
| <b>Excessive jacket wear between belt teeth (exposed tension members)</b> | Excessive installation tension                     | Reduce installation tension                                                         |
| <b>Cracks in backing</b>                                                  | Exposure to excessive low temp (below -30°F)       | Eliminate low temperature condition or consult factory for proper belt construction |
|                                                                           | Chemical exposure                                  |                                                                                     |
| <b>Softening of backing</b>                                               | Chemical and/or oil                                | Eliminate oil condition or consult factory for proper belt construction             |
| <b>Excessive sprocket tooth wear (on pressure-face and/or OD)</b>         | Excessive overload and/or excessive belt tightness | Reduce installation tension and/or increase drive load-carrying capacity            |
|                                                                           | Insufficient hardness of sprocket material         | Surface harden sprocket or use harder material                                      |
|                                                                           | Normal wear/end-of-service/grit or debris          | Replace sprockets                                                                   |
| <b>Unmounting of flange</b>                                               | Incorrect flange installation                      | Reinstall flange correctly                                                          |
|                                                                           | Misalignment                                       | Correct alignment                                                                   |
| <b>Excessive drive noise*</b>                                             | Misalignment                                       | Correct alignment                                                                   |
|                                                                           | Excessive installation tension                     | Reduce tension                                                                      |
|                                                                           | Excessive load                                     | Increase drive load-carrying capacity                                               |
|                                                                           | Sub-minimum sprocket diameter                      | Increase sprocket diameters                                                         |
|                                                                           | High speeds                                        | Slow drives down                                                                    |
| <b>Tooth shear</b>                                                        | Less than 6 teeth in mesh (TIM)                    | Increase TIM or use next smaller pitch                                              |
|                                                                           | Excessive load                                     | Increase drive load-carrying capacity                                               |
|                                                                           | Low tension                                        | Increase tension                                                                    |
| <b>Apparent belt stretch</b>                                              | Reduction of center distance or non-rigid mounting | Re-tension drive and/or reinforce mounting                                          |
| <b>Cracks or premature wear at belt tooth root</b>                        | Improper sprocket groove top radius                | Re-groove or install new sprockets                                                  |
|                                                                           | Low tension                                        | Increase tension                                                                    |
| <b>Tensile break</b>                                                      | Excessive load                                     | Increase load-carrying capacity of drive                                            |
|                                                                           | Sub-minimum sprocket diameter                      | Increase sprocket diameters                                                         |

\*NOTE: Effective noise reduction for power transmission drives can be accomplished by incorporating a flexible noise absorbing material with the protective guard. The guard design must allow a cooling air passage on the top and bottom to prevent overheating the drive.

# General Information

## V-Belt Troubleshooting Guide

Some of the more common symptoms of short v-belt life are listed in the chart below. This chart is intended to help identify the cause(s) of the problem so appropriate corrective action can be addressed and corrected. For more information on proper v-belt installation and maintenance, request the "Service Manual for Industrial V-Belt Drives" from your local distributor of Timken belts. It is also available at [www.timkenbelts.com/resources](http://www.timkenbelts.com/resources) or by simply scanning the QR code.



| Symptoms                                       | Causes | Belts pried on or misplaced slack | Belts rubbing guard | Sheaves misaligned | Worn or damaged sheaves | Sheaves too far from bearing | Poor bearing or shaft condition | Insufficient tension | Excessive tension | Improper sheave installation | Belts worn (normal service life) | Wrong belt cross-section or type | Mismatched belts or mixed brands | Machine-induced impulse or shock | Improper or prolonged storage | Excessive heat | Excessive oil or grease | Use of belt dressing | Abrasive environment | Foreign objects in grooves | Excessive moisture | Overloaded drive/underbelting | Drive seriously overbelted | Sheaves too small | Insufficient wrap on small sheave | Backside idler | Harmonics |
|------------------------------------------------|--------|-----------------------------------|---------------------|--------------------|-------------------------|------------------------------|---------------------------------|----------------------|-------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------|----------------|-------------------------|----------------------|----------------------|----------------------------|--------------------|-------------------------------|----------------------------|-------------------|-----------------------------------|----------------|-----------|
| Rapid sidewall wear                            |        |                                   | ■                   | ■                  | ■                       |                              |                                 | ■                    |                   |                              |                                  | ■                                | ■                                |                                  | ■                             | ■              | ■                       | ■                    | ■                    |                            | ■                  | ■                             |                            |                   |                                   |                |           |
| Worn cover on back                             |        |                                   | ■                   |                    |                         |                              |                                 |                      |                   |                              |                                  |                                  |                                  |                                  |                               |                |                         |                      |                      |                            |                    |                               |                            |                   |                                   | ■              |           |
| Belt turns over or jumps off sheave            |        | ■                                 | ■                   | ■                  |                         |                              |                                 | ■                    |                   | ■                            |                                  | ■                                |                                  | ■                                |                               |                |                         |                      |                      | ■                          |                    |                               |                            |                   |                                   |                | ■         |
| Belt soft, swollen                             |        |                                   |                     |                    |                         |                              |                                 |                      |                   |                              |                                  |                                  |                                  |                                  |                               |                | ■                       | ■                    |                      |                            |                    |                               |                            |                   |                                   |                |           |
| Belt slips, squeals (spin burn)                |        | ■                                 |                     |                    | ■                       |                              |                                 | ■                    |                   |                              | ■                                | ■                                | ■                                | ■                                |                               | ■              | ■                       | ■                    |                      |                            | ■                  | ■                             |                            | ■                 | ■                                 |                |           |
| Belt cover split                               |        | ■                                 |                     |                    |                         |                              |                                 |                      |                   |                              |                                  |                                  |                                  |                                  |                               |                |                         |                      |                      | ■                          |                    |                               |                            |                   |                                   |                |           |
| Underside cracked                              |        |                                   |                     |                    | ■                       |                              |                                 | ■                    | ■                 |                              | ■                                |                                  |                                  |                                  | ■                             | ■              |                         |                      |                      |                            |                    |                               |                            | ■                 | ■                                 | ■              |           |
| Tie-band damaged                               |        |                                   | ■                   | ■                  | ■                       |                              |                                 |                      |                   |                              |                                  | ■                                |                                  |                                  |                               |                |                         |                      |                      | ■                          |                    |                               |                            |                   |                                   |                |           |
| Snub break                                     |        | ■                                 |                     |                    |                         |                              |                                 |                      | ■                 | ■                            |                                  |                                  | ■                                | ■                                |                               |                |                         |                      |                      | ■                          |                    | ■                             |                            |                   |                                   |                |           |
| Belts ride too high                            |        |                                   |                     |                    |                         |                              |                                 |                      |                   |                              |                                  | ■                                |                                  |                                  |                               |                |                         |                      |                      |                            |                    |                               |                            |                   |                                   |                |           |
| Belts bottoming                                |        |                                   |                     |                    | ■                       |                              |                                 |                      |                   |                              | ■                                | ■                                |                                  |                                  |                               |                | ■                       | ■                    | ■                    |                            |                    |                               |                            |                   |                                   |                |           |
| Repeated take-up necessary                     |        | ■                                 |                     |                    | ■                       |                              |                                 | ■                    |                   |                              |                                  | ■                                | ■                                |                                  |                               |                | ■                       | ■                    | ■                    |                            |                    | ■                             |                            |                   |                                   |                |           |
| Belts vibrate excessively or appear mismatched |        | ■                                 |                     | ■                  | ■                       |                              |                                 | ■                    |                   | ■                            |                                  |                                  | ■                                | ■                                |                               |                |                         |                      |                      |                            |                    |                               | ■                          |                   |                                   |                | ■         |
| Bearings are hot                               |        |                                   |                     |                    | ■                       | ■                            | ■                               |                      | ■                 |                              |                                  |                                  |                                  |                                  |                               | ■              |                         |                      |                      |                            |                    |                               | ■                          | ■                 |                                   |                |           |
| Shafts whip or bend                            |        |                                   |                     |                    | ■                       | ■                            | ■                               |                      | ■                 | ■                            |                                  |                                  |                                  |                                  |                               |                |                         |                      |                      |                            |                    |                               | ■                          | ■                 |                                   |                |           |
| Cracked bushings                               |        |                                   |                     |                    | ■                       |                              |                                 |                      |                   | ■                            |                                  |                                  |                                  |                                  |                               |                |                         |                      |                      |                            |                    |                               |                            |                   |                                   |                |           |
| Sheave wobble                                  |        |                                   |                     |                    | ■                       |                              | ■                               |                      | ■                 | ■                            |                                  |                                  |                                  |                                  |                               |                |                         |                      |                      |                            |                    |                               |                            |                   |                                   |                |           |

■ Indicates most common causes ■ Indicates other possible causes

# General Information

## Recommended Sheave and Idler Diameters and Proper V-Belt Storage

| V-Belt Cross Section | Sheave or Inside Idler Minimum O.D. (inches) | Flat Backside Idler Minimum O.D. (inches) |
|----------------------|----------------------------------------------|-------------------------------------------|
| A                    | 3.0                                          | 4.5                                       |
| B                    | 5.0                                          | 7.5                                       |
| C                    | 9.0                                          | 13.5                                      |
| D                    | 13.0                                         | 19.5                                      |
| E                    | 21.0                                         | 31.5                                      |
| AX                   | 2.6                                          | 4.0                                       |
| BX                   | 4.0                                          | 6.0                                       |
| CX                   | 7.0                                          | 10.5                                      |
| DX                   | 11.0                                         | 16.5                                      |
| 3V                   | 2.6                                          | —                                         |
| 3VX                  | 2.2                                          | —                                         |
| 5V                   | 7.0                                          | —                                         |
| 5VX                  | 4.3                                          | —                                         |
| 8V                   | 12.4                                         | —                                         |
| 8VX                  | 11.2                                         | —                                         |

### Minimum Recommended Sheave and Idler Diameters

| Belt Cross Section | Belt Length (inches) | Number of Coilings* | Number of Loops* |
|--------------------|----------------------|---------------------|------------------|
| A, AA, 3V, and B   | Under 60.0           | None                | 1                |
|                    | 60.0 to 120.0        | 1                   | 3                |
|                    | 120.0 to 180.0       | 2                   | 5                |
|                    | 180.0 and up         | 3                   | 7                |
|                    |                      |                     |                  |
| BB, C, and 5V      | Under 75.0           | None                | 1                |
|                    | 75.0 to 144.0        | 1                   | 3                |
|                    | 144.0 to 240.0       | 2                   | 5                |
|                    | 240.0 and up         | 3                   | 7                |
|                    |                      |                     |                  |
| D                  | Under 120.0          | None                | 1                |
|                    | 120.0 to 240.0       | 1                   | 3                |
|                    | 240.0 to 330.00      | 2                   | 5                |
|                    | 330.0 to 420.0       | 3                   | 7                |
|                    | 420.0 and up         | 4                   | 9                |
|                    |                      |                     |                  |
| E and 8V           | Under 180.0          | None                | 1                |
|                    | 180.0 to 270.0       | 1                   | 3                |
|                    | 270.0 to 390.00      | 2                   | 5                |
|                    | 390.0 to 480.0       | 3                   | 7                |
|                    | 480.0 and up         | 4                   | 9                |

\*One coiling results in three loops; two coilings result in five loops, etc.

### Proper V-Belt Storage Guide

#### Maximum Number of Coilings for V-Belts Stored on Hooks

Improper or prolonged storage can reduce service life considerably. V-belts should be stored in a cool, dry place with no direct sunlight. If stored on pegs, the longer belts should be coiled in loops of suitable size to prevent distortion from the weight of the belt.

The table on the left, provided by the Association for Rubber Products Manufacturers (ARPM), should be followed for optimum conditions.

# General Information

## Brand Name Interchange

| Belt Type/Cross Section                               | Timken Belts                                                | Bando®                                                 | Browning® (Regal Rexnord®)                     |
|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------|
| <b>Extreme Torque Synchronous</b><br>8M, 14M          | Panther XT †<br>Part # example: 14MXT-994-20                | King Power KPS II<br>STPD sprockets only               | HPT Chain<br>Part # example: B14MHC-994-20 HPT |
| <b>High Torque Synchronous</b><br>8M, 14M, 20M        | Panther *<br>Part # example: 960-8MPT-20                    | High Performance STS<br>STPD sprockets only            | —                                              |
| <b>HTD Synchronous</b><br>3M, 5M, 8M, 14M             | Synchro-Cog HT<br>Part # example: 600-8M-50                 | Synchro-Link STS<br>STPD sprockets only                | HPT<br>Part # example: B600-8M-50              |
| <b>Dual Sided Curvilinear</b><br>D8M, D14M            | Dual RPP Synchronous<br>Part # example: D950-8M-50          | —                                                      | —                                              |
| <b>Timing Belt (Trapezoidal)</b><br>XL, L, H, XH, XXH | Synchro-Cog Timing Belt<br>Part # example: 770XL025         | Synchro-Link Timing Belt<br>Part # example: 770XL025   | Gearbelt<br>Part # example: 770XL025           |
| <b>Dual Sided Timing</b><br>DXL, DL, DH               | Dual Synchro-Cog Timing Belt<br>Part # example: D770XL025   | Synchro-Link Double Sided<br>Part # example: D770XL025 | Double Gearbelt<br>Part # example: D770XL025   |
| <b>Classical Raw Edge Cogged</b><br>AX, BX, CX, DX    | Gold-Ribbon Cog-Belt<br>Part # example: BX85                | Power King Cog<br>Part # example: BX85                 | Gripnotch<br>Part # example: BX85              |
| <b>Classical Raw Edge</b><br>A,B,C                    | Super II V-Belt<br>Part # example: B85                      | —                                                      | —                                              |
| <b>Classical Wrapped</b><br>A, B, C, D, E             | Super Blue Ribbon V-Belt<br>Part # example: B85             | Power King<br>Part # example: B85                      | Super Gripbelt<br>Part # example: B85          |
| <b>Classical/FHP with aramid cord</b><br>3L-K, AK, BK | Aramax Xtra Duty V-Belt<br>Part # example: AK85             | Ultrapower AG<br>Part # example: A85KC                 | —                                              |
| <b>Narrow Cogged</b><br>3VX, 5VX, 8VX                 | Power-Wedge Cog-Belt<br>Part # example: 5VX850              | Power Ace Cog<br>Part # example: 5VX850                | 358 Gripnotch<br>Part # example: 5VX850        |
| <b>Metric Narrow Cogged</b><br>XPZ, XPA, XPB, XPC     | Metric Power-Wedge Cog-Belt<br>Part # example: XPZ1000      | Metric V-Belt<br>Part # example: XPZ1000               | —                                              |
| <b>Narrow</b><br>3V, 5V, 8V                           | Super Power-Wedge V-Belt<br>Part # example: 5V850           | Power Ace<br>Part # example: 5V850                     | 358 Gripbelt<br>Part # example: 5V850          |
| <b>Narrow with aramid cord</b><br>5VK, 8VK            | Aramax Super Power-Wedge V-Belt<br>Part # example: 5VK850   | —                                                      | —                                              |
| <b>Metric Narrow</b><br>SPB, SPC                      | Metric Super Power-Wedge V-Belt<br>Part # example: SPB3000  | Metric V-Belt<br>Part # example: SPB3000               | —                                              |
| <b>Metric Narrow with aramid cord</b><br>SPBK, SPCK   | Metric Aramax Super Power-Wedge<br>Part # example: SPBK3000 | —                                                      | —                                              |
| <b>Double-V Hexagonal</b><br>AA, BB, CC               | Double Angle V-Belt<br>Part # example: BB75                 | Double V<br>Part # example: BB75                       | Double-V Gripbelt<br>Part # example: BB75      |
| <b>V-Ribbed</b><br>J                                  | Vee-Rib<br>Part # example: 490J8                            | Rib Ace<br>Part # example: 490J8                       | Poly-V<br>Part # example: 490J8                |
| <b>Variable Speed</b><br>V                            | Variable Speed Cog-Belt<br>Part # example: 2322V721         | Power Max<br>Part # example: 2322V721                  | V-S Belt<br>Part # example: 2322V721           |
| <b>Classical Cogged Banded</b><br>RBX, RCX            | Gold Ribbon Cog-Band<br>Part # example: RBX85-3             | Power King Cog Combo<br>Part # example: 3-BX85         | Gripband<br>Part # example: 3GBBX85            |
| <b>Narrow Cogged Banded</b><br>R3VX, R5VX             | Power-Wedge Cog-Band<br>Part # example: R5VX850-3           | Power Ace Cog Combo<br>Part # example: 3-5VX850        | 358 Gripband<br>Part # example: 3GB5VX850      |
| <b>Narrow Banded</b><br>R3V, R5V, R8V                 | Super Power Wedge Band<br>Part # example: R5V850-3          | Power Ace Combo<br>Part # example: 3/5V850             | 358 Gripband<br>Part # example: 3GB5V850       |
| <b>Narrow Banded with aramid cord</b><br>R5VK, R8VK   | Aramax Super Power Wedge Band<br>Part # example: R8VK1500-4 | Power Ace Aramid Combo<br>Part # example: 4/8VK1500    | —                                              |
| <b>Classical Banded</b><br>RB, RC, RD                 | Super Blue Ribbon Band<br>Part # example: RB85-3            | Power King Combo<br>Part # example: 3-B85              | Gripband<br>Part # example: 3GBB85             |
| <b>Light-Duty FHP</b><br>2L, 3L, 4L, 5L               | Durapower II<br>Part # example: 4L400R                      | Duraflex GL<br>Part # example: 4L400                   | FHP<br>Part # example: 4L400                   |

\* RPP profile is interchangeable with HTS, PGGT2, HPPD, Hawk and HTD sprockets.

† Use Martin MPC® or drop into existing Poly Chain® GT² sprockets – not interchangeable with RPP sprockets.

Note: Product names are trademarks and the property of their respective companies. For a complete list, please visit page 245.

# General Information

## Brand Name Interchange

| ContiTech®                                              | Gates®                                                 | Jason® (Megadyne®)                                             | MBL®                                                    |
|---------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------|
| Synchrochain/Falcon Pd<br>Part # example: CTD14M-994-20 | ‡ Poly Chain GT Carbon<br>Part # example: 14MGT-994-20 | Platinum<br>Part # example: PLT14M-994-20                      | Giga Torque<br>Part # example: G14M-994-20              |
| Hawk Pd<br>Part # example: 960-8M-20                    | Power Grip GT2<br>Part # example: 960-8MGT-20          | RPP Gold<br>Part # example: 960-8MG-20                         | Mega Torque<br>Part # example: MTS960-8M-20             |
| Blackhawk Pd<br>Part # example: 600-8M-BH-50            | Power Grip GT<br>Part # example: 600-8M-50             | RPP High Torque<br>Part # example: 600-8M-50                   | High Torque Timing<br>Part # example: H600-8M-50        |
| Dual Hi-Performance Pd<br>Part # example: D950-8M-50    | GT2 Twin Power<br>Part # example: TP950-8MGT-50        | RPP Dual Sided<br>Part # example: D950-RPP8-50                 | —                                                       |
| Positive Drive<br>Part # example: 770XL025              | Power Grip<br>Part # example: 770XL025                 | Standard Timing<br>Part # example: 770XL025                    | Three Stars Timing<br>Part # example: 770XL025          |
| Dual Positive Drive<br>Part # example: D770XL025        | Power Grip Twin Power<br>Part # example: TP770XL025    | Dual Timing<br>Part # example: D770XL025                       | Three Stars Dual Timing<br>Part # example: D770XL025    |
| Torque-Flex<br>Part # example: BX85                     | Tri-PowerMolded Notch<br>Part # example: BX85          | Uni-Match Cogged Classical<br>Part # example: BX85             | Triplex<br>Part # example: BX85                         |
| —                                                       | —                                                      | —                                                              | —                                                       |
| HY-T Classical<br>Part # example: B85                   | Hi-Power II<br>Part # example: B85                     | Uni-Match Classical<br>Part # example: B85                     | Conventional<br>Part # example: B85                     |
| Insta-Power<br>Part # example: A85F                     | Predator V-Belt<br>Part # example: AP85                | —                                                              | —                                                       |
| HY-T Wedge Cog<br>Part # example: 5VX850                | Super HC Molded Notch<br>Part # example: 5VX850        | Uni-Match Cogged Deep Wedge<br>Part # example: 5VX850          | Maxstar Wedge Supreme<br>Part # example: 5VX850         |
| Metric V-Belt<br>Part # example: XPZ1000                | Molded Notch V-Belt<br>Part # example: XPZ1000         | UniMatch XP Metric Cogged<br>Part # example: XPZ1000           | Maxstar Wedge Supreme<br>Part # example: SPZX1000       |
| HY-T Wedge<br>Part # example: 5V850                     | Super HC<br>Part # example: 5V850                      | Uni-Match Deep Wedge<br>Part # example: 5V850                  | Maxstar Wedge<br>Part # example: 5V850                  |
| Torque Team Plus<br>Part # example: 5VF850              | Predator V-Belt<br>Part # example: 5VP850              | —                                                              | —                                                       |
| Metric V-Belt<br>Part # example: SPB3000                | Super HC<br>Part # example: SPB3000                    | UniMatch SP Metric<br>Part # example: SPB3000                  | —                                                       |
| —                                                       | —                                                      | —                                                              | —                                                       |
| Hex<br>Part # example: BB75                             | Hi-Power II Double V<br>Part # example: BB75           | Double-V Hexagonal<br>Part # example: BB75                     | Double<br>Part # example: BB75                          |
| Poly-V<br>Part # example: 490J8                         | Micro-V<br>Part # example: 490J8                       | Multi-Rib<br>Part # example: 490J8                             | Ribstar<br>Part # example: 490J8                        |
| Variable Speed<br>Part # example: 2322V721              | Multi-Speed<br>Part # example: 2322V721                | Variable Speed<br>Part # example: 2322V721                     | Vari-Star<br>Part # example: 2322V721                   |
| Torque Team Cogged<br>Part # example: 3/BX85            | Tri-Power Molded Notch<br>Part # example: 3/BX85       | —                                                              | Triplex Banded<br>Part # example: 3RBX85                |
| HY-T Wedge Torque Team<br>Part # example: 3/5VX850      | Super HC Power Band<br>Part # example: 3/5VX850        | Uni-Match Banded Cogged Deep Wedge<br>Part # example: 3/5VX850 | Multi Maxstar Wedge Supreme<br>Part # example: 3R5VX850 |
| HY-T Wedge Torque Team<br>Part # example: 3/5V850       | Super HC Power Band<br>Part # example: 3/5V850         | Uni-Match Banded Deep Wedge<br>Part # example: R5V850-3        | Multi Maxstar Wedge<br>Part # example: 3R5V850          |
| —                                                       | Predator PowerBand<br>Part # example: 4/8VP1500        | UniMatch Banded with Kevlar<br>Part # example: 4/8V1500K       | Super Wedge II<br>Part # example: 4/8VK1500             |
| HY-T Torque Team<br>Part # example: 3/B85               | Hi-Power II Power Band<br>Part # example: 3/B85        | Uni-Match Banded Classical<br>Part # example: 3/B85            | Conventional Banded<br>Part # example: 3RB85            |
| FHP<br>Part # example: 4L400                            | Truflex<br>Part # example: 2400 **                     | FHP<br>Part # example: 4L400                                   | FHP<br>Part # example: 4L400                            |

\*\* The part number consists of a prefix and a length designation. Prefixes: 2L = 0, 3L = 1, 4L = 2, 5L = 3

Note: Product names are trademarks and the property of their respective companies. For a complete list, please visit page 245.

# General Information

## Brand Name Interchange – Continued

| Belt Type/Cross Section                               | Optibelt®                                        | PIX®                                                 | Thermoid®                                          | TB Woods®                                               |
|-------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------|
| <b>Extreme Torque Synchronous</b><br>8M, 14M          | Delta Chain<br>Part # example: 994-14MDC-20      | —                                                    | —                                                  | QT PowerChain® II Carbon<br>Part # example: 14MPCC99420 |
| <b>High Torque Synchronous</b><br>8M, 14M, 20M        | Omega HL<br>Part # example: 600-8MHL-50          | Pix-TorquePlus -XT2<br>Part # example: TP2-600-8M-50 | —                                                  | QT PowerChain<br>Part # example: 600-8M-50W             |
| <b>HTD Synchronous</b><br>3M, 5M, 8M, 14M             | Omega HP<br>Part # example: 600-8MHP-50          | Pix-X'act HTD<br>Part # example: 600-8M-50           | Grip-Tite HT<br>Part # example: 600-8M-50          | Synchronous Plus<br>Part # example: 600-8M-50           |
| <b>Dual Sided Curvilinear</b><br>D8M, D14M            | Omega Double Sided<br>Part # example: D950-8M-50 | Pix-Duo-XT<br>Part # example: DA-950-8M-50           | —                                                  | Twin Power<br>Part # example: TP950-8M-50               |
| <b>Timing Belt (Trapezoidal)</b><br>XL, L, H, XH, XXH | Timing Belt ZR<br>Part # example: 770XL025       | Pix-X'act CT<br>Part # example: 770XL025             | Grip-Tite Timing<br>Part # example: 770XL025       | Sure Grip Timing<br>Part # example: 770XL025            |
| <b>Dual Sided Timing</b><br>DXL, DL, DH               | Double Timing ZRD<br>Part # example: D770XL025   | —                                                    | Grip-Tite Dual Timing<br>Part # example: D770XL025 | Twin Power Timing<br>Part # example: TP770XL025         |
| <b>Classical Raw Edge Cogged</b><br>AX, BX, CX, DX    | Super TX<br>Part # example: BX85                 | Pix-X'tra cogged<br>Part # example: BX85             | Prime Mover Cogged<br>Part # example: BX85         | Torque Flex II<br>Part # example: BX85                  |
| <b>Classical Raw Edge</b><br>A,B,C                    | —                                                | —                                                    | —                                                  | —                                                       |
| <b>Classical Wrapped</b><br>A, B, C, D, E             | VB<br>Part # example: B85                        | Pix-X'set Classical<br>Part # example: B85           | Prime Mover<br>Part # example: B85                 | Sure Grip<br>Part # example: BP85                       |
| <b>Classical/FHP with aramid cord</b><br>3L-K, AK, BK | —                                                | Pix-DryCover-XS<br>Part # example: DC-A85            | Kevlar Cord Belts<br>Part # example: A85K          | —                                                       |
| <b>Narrow Cogged</b><br>3VX, 5VX, 8VX                 | —                                                | —                                                    | —                                                  | —                                                       |
| <b>Metric Narrow Cogged</b><br>XPZ, XPA, XPB, XPC     | Insta-Power<br>Part # example: A85F              | Predator V-Belt<br>Part # example: AP85              | —                                                  | —                                                       |
| <b>Narrow</b><br>3V, 5V, 8V                           | Red Power<br>Part # example: 5V850               | Pix-X'set Narrow<br>Part # example: 5V850            | Maxipower<br>Part # example: 5V850                 | Ultra-V<br>Part # example: 5V850                        |
| <b>Narrow with aramid cord</b><br>5VK, 8VK            | Blue Power<br>Part # example: 5VK850             | —                                                    | PowerPlus<br>Part # example: 5VK850                | Premium V<br>Part # example: 5VP850                     |
| <b>Metric Narrow</b><br>SPB, SPC                      | Red Power<br>Part # example: SPB3000             | Pix-X'set Narrow<br>Part # example: SPB3000          | Metriflex Belts<br>Part # example: SPB3000         | —                                                       |
| <b>Metric Narrow with aramid cord</b><br>SPBK, SPCK   | Blue Power<br>Part # example: SPBK3000           | —                                                    | —                                                  | —                                                       |
| <b>Double-V Hexagonal</b><br>AA, BB, CC               | Optibelt DK<br>Part # example: BB75              | PIX-DUO-XS<br>Part # example: BB75                   | Hex Double V<br>Part # example: BB75               | Double-V Hex<br>Part # example: BB75                    |
| <b>V-Ribbed</b><br>J                                  | Optibelt RB<br>Part # example: 490J8             | PIX-X'ceed<br>Part # example: 490J8                  | Multi-Ribbed<br>Part # example: 490J8              | Poly-V<br>Part # example: 490J8                         |
| <b>Variable Speed</b><br>V                            | Vario Power<br>Part # example: 2322V721          | Pix-X'set-VS<br>Part # example: 2322V721             | Variable Speed<br>Part # example: 2322V721         | Variable Speed<br>Part # example: 2322V721              |
| <b>Classical Cogged Banded</b><br>RBX, RCX            | Kraftbands KBX<br>Part # example: 3/BX85         | —                                                    | Prime Mover Banded<br>Part # example: BX85/3       | Cog Flex Banded<br>Part # example: 3RBX85               |
| <b>Narrow Cogged Banded</b><br>R3VX, R5VX             | —                                                | Pix-X'tra MB Cogged Banded                           | —                                                  | Ultra-V Cog Banded<br>Part # example: 3R5VX850          |
| <b>Narrow Banded</b><br>R3V, R5V, R8V                 | Kraftbands KB<br>Part # example: 3/5V850         | Pix-X'Set MB Wedge Banded                            | Maxi-Power Band<br>Part # example: 5V850/3         | Ultra-V Banded<br>Part # example: 3R5V850               |
| <b>Narrow Banded with aramid cord</b><br>R5VK, R8VK   | Blue Power Banded                                | —                                                    | PowerPlus Maxiband<br>Part # example: 5VK850/4     | Premium V Banded<br>Part # example: 4/8VP1500           |
| <b>Classical Banded</b><br>RB, RC, RD                 | Kraftband<br>Part # example: 3/B85               | Pix-X'Set MB Banded                                  | Prime Mover Banded<br>Part # example: B85/3        | Sure Grip Banded<br>Part # example: 3RBP85              |
| <b>Light-Duty FHP</b><br>2L, 3L, 4L, 5L               | Fractional Horsepower<br>Part # example: 4L400   | Pix-X'Set Light Duty<br>Part # example: 4L400        | FHP Glasstex<br>Part # example: 4L400              | Light-Duty FHP<br>Part # example: 4L400                 |

Optibelt® is a registered trademark of the OPTIBELT Corporation. PIX® is a registered trademark of Pix Transmissions Limited. Thermoid® is a registered trademark of HBD/Thermoid, Inc. TB Woods® is a registered trademark of Altra Industrial Motion Corp. Product names are trademarks and the property of their respective companies.



|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARPM</b>                        | The Association for Rubber Products Manufacturers (ARPM) was established in 2010 after elastomer products companies belonging to the Rubber Manufacturers Association (RMA) mutually agreed that a stand-alone association was needed.                                                                                                                                                                               | <b>Belt-Finder Tool</b>          | Timken belt measuring device that helps identify the correct replacement belt. The Belt-Finder measures the top width and length on classical A, AX, B, BX section v-belts, FHP 3L, 4L, 5L and wedge belts with 3V, 3VX, 5V, 5VX cross sections.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACHE Synchronous Belt</b>       | Timken Air-Cooled Heat Exchanger (ACHE) synchronous belts are constructed using only “Z” twist cord to provide upward direction of lateral movement on vertical shaft drives. This special construction reduces wear on the bottom side of the belt. Available in 14M cross sections.                                                                                                                                | <b>Brand</b>                     | A mark or symbol identifying the product and manufacturer. On all Timken belts, the brand identifies the part number, product name and product characteristics.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Anti-Static</b>                 | Anti-static is a term used to describe materials that prevent the buildup of static electricity.                                                                                                                                                                                                                                                                                                                     | <b>Bushings</b>                  | A hub system that allows adaptation of sheaves, pulleys and sprockets to varying shaft sizes. Common bushing systems are QD®, Taper-Lock® and MST®.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Anti-Static Belt</b>            | Under certain conditions of temperature and humidity, a belt drive may generate static electricity. Belts intended for operation in a potentially dangerous atmosphere should be constructed with a relatively low electrical resistance characteristic. It is common to specify and refer to such belts as “static conductive”, “static dissipating”, or “anti-static”. Most Timken v-belts are static dissipating. | <b>Carbon Cord</b>               | Carbon fiber cord provides strength, flex fatigue resistance, dimensional stability and high power density. The exceptional strength-to-weight ratio of carbon fiber makes it ideal for some applications.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Aramax® Power-Wedge® V-Belt</b> | Timken high performance narrow v-belt designed for extraordinary belt strength on the toughest drives. Aramid cord provides high horsepower capability. Available in 5VK, 8VK, SPBK and SPCK cross sections.                                                                                                                                                                                                         | <b>CEMA</b>                      | Conveyor Equipment Manufacturers Association                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Aramax® Power-Wedge® Band</b>   | Banded version of Timken Aramax Super Power-Wedge belt designed for extraordinary strength on the toughest drives. It's ideally suited for oil field mud pumps, rock and quarry applications, lumber industry drives and heavy construction machinery. Available in R5VK, R8VK, RSPBK and RSPCK cross sections.                                                                                                      | <b>Center-to-Center</b>          | The distance from the center of one pulley to the center of the opposite pulley. Also called center distance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Aramax® Xtra Duty V-Belt</b>    | Timken Aramax XDV is a heavy duty v-belt made with aramid cord and a brown smooth clutching cover. Aramax v-belts are designed for outdoor power equipment and other shock loaded, backside-idler driven equipment. The premium performance construction delivers high horsepower, minimal stretch and long service life. Available in 3L, A and B cross sections.                                                   | <b>Chek Mate®</b>                | Chek Mate is a Timken Belts' process that manufactures belts to meet or exceed the Association for Rubber Products Manufacturers tolerances for a matched set. Matching numbers are not required on Super Blue Ribbon, Super II, Super Power-Wedge, Power-Wedge Cog-Belt and Gold-Ribbon Cog-Belt products which all carry the distinctive Chek Mate logo.                                                                                                                                                                                                                                                       |
| <b>Aramid Cord</b>                 | Aramid is a class of heat-resistant and very strong synthetic fibers. Aramid is stronger than steel. It's used as a tensile member that is available in several lines of Timken belts. Aramid is often referred to as Kevlar® which is a trademark of DuPont.                                                                                                                                                        | <b>Chipper Drive Wedge-Band®</b> | Timken laminated banded belt made of EPDM that is specially designed and constructed to meet the unique demands of the lumber industry. EPDM is durable and resistant to oil, heat, hardening and glazing with superior flex and load carrying capacity and a broad operating temperature range of -50°F to +250°F. The tie-band is highly engineered to permanently bond multiple belts together enabling the belts to function as a single unit with even load distribution and wear. Banded belt construction minimizes belt whip and rollover on long center distance drives. Available in 5V cross section. |
| <b>Band</b>                        | Two or more v-belts (ribs) that are permanently joined together at the top with a reinforced tie-band. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Used on pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover. Also known as joined belts.                                    | <b>Classical V-Belt</b>          | The classical v-belt profile dates back to industry standards developed in the 1930s. Cross sections include A, B, C, D and E.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Belt</b>                        | A loop of flexible material placed around two or more pulleys or sheaves, for the purpose of transmitting motion, power or materials from one point to another.                                                                                                                                                                                                                                                      | <b>CNA</b>                       | Central Neutral Axis (CNA) cord placement positions the strength of the belt lower in the sheaves to maintain stability and flexibility. Examples of Timken belts with a CNA construction are Super II and Durapower II v-belts.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Belt Drive</b>                  | An assembly of one or more belts, sheaves or pulleys and the means for securing the sheaves or pulleys to shafts, for the purpose of transmitting motion, power or materials from one point to another.                                                                                                                                                                                                              | <b>Cog</b>                       | Some v-belts have cogs that reduce bending stress. Cogs are different than the teeth of a synchronous (timing or positive-drive) belt which mesh with a sprocket.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Cog-Band®</b>                 | Timken trademarked name for a banded v-belt with cogs. Precision molded cogs reduce bending stress. Banded belts minimize belt whip and rollover on long center-distance drives.                                                                                                                                                                                                                                                                                                                                                                                                                                 |



# Glossary

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cog-Belt®</b>                     | Timken trademarked name for a v-belt with cogs. Cogs reduce bending stress and allow use on small diameter sheaves. Cog-Belts are used with the same sheaves as equivalently rated wrapped v-belts. Also called coggled or notched v-belts.                                                                                                                                                                                                                                               |
| <b>Compound</b>                      | The mixture of rubber polymers and other materials which are combined to give the desired properties when used to form the body of the belt.                                                                                                                                                                                                                                                                                                                                              |
| <b>Compression Section of V-Belt</b> | Made of synthetic rubber compounds, the compression section of the belt is developed to support the cords evenly and compress while bending around the sheaves.                                                                                                                                                                                                                                                                                                                           |
| <b>Cord</b>                          | The tensile cord is the load bearing element of the belt. High-modulus synthetic fiber cords carry the horsepower load and minimize stretching. Most belts use polyester, fiberglass, aramid or carbon fiber cord.                                                                                                                                                                                                                                                                        |
| <b>Cotton Drive® Timing Belt</b>     | Timken Cotton Drive belts are special one-inch pitch timing belts designed for cotton gin drives. Cotton Drive timing belts are uniquely constructed for optimum performance on this harsh application.                                                                                                                                                                                                                                                                                   |
| <b>Cover</b>                         | The outer component of a wrapped molded v-belt. The Timken belt cover is made of a heavy duty fabric impregnated with rubber that protects the core of the belt.                                                                                                                                                                                                                                                                                                                          |
| <b>Cover Wear</b>                    | The loss of cover material during use may be due to misalignment, improper tension, abrasion, etc. Further diagnosis may be required to identify the cause of premature wear.                                                                                                                                                                                                                                                                                                             |
| <b>Cracking</b>                      | A sharp break or fissure in the surface of a belt.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Date Code</b>                     | A combination of numbers, letters or symbols used to identify when a product was manufactured. Timken belts use a four digit code to identify the week and year of manufacture. For example, 1019 means the belt was made the tenth week of 2019.                                                                                                                                                                                                                                         |
| <b>Double Angle V-Belt</b>           | Timken double angle v-belts are hexagonal belts designed for drives where power needs to be transmitted equally from both sides of the belt. Available in AA, BB and CC cross sections.                                                                                                                                                                                                                                                                                                   |
| <b>Drive</b>                         | In power transmission, a drive is an assembly of components designed to give motion to a machine or machine part.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Drive Engineer®</b>               | Drive Engineer is a mobile web app that facilitates both new drive selection as well as existing drive analysis on your desktop or mobile device. Information provided includes horsepower capacity, drive limit warnings, service factors, hub loads, bushings, diameters, center distance and tensioning – everything needed to design a maximum-efficiency belt drive system. Drive Engineer selects two-pulley drive systems based on standard line products offered by Timken Belts. |
| <b>Drive Horsepower</b>              | The power rating of a specific drive.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                      |                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dry Can Belt</b>                  | Timken Dry Can belts are designed with deep-groove notches specifically developed for double angle “CC” drives commonly found in the textile industry. The deep groove minimizes belt rollover while the notches provide added flexibility and long belt life.                                              |
| <b>Dual RPP® Synchronous Belt</b>    | Timken double sided curvilinear synchronous belt with RRP profile that delivers 100% load capacity on both sides of the belt. Available in 8M and 14M tooth profiles.                                                                                                                                       |
| <b>Dual Synchro-Cog® Timing Belt</b> | Timken double sided timing belt with a trapezoidal tooth profile that provides synchronization and 100% load capacity from both sides of the belt. Available in XL, L and H tooth profiles.                                                                                                                 |
| <b>Durapower® II FHP V-Belt</b>      | Timken light duty v-belt designed for fractional horsepower (FHP) applications. Durapower II v-belts combine the advantages of EPDM, raw edge technology, and CNA construction for superior performance and efficiency. Available in 2L-R, 3L-R, 4L-R and 5L-R cross sections.                              |
| <b>Effective Diameter</b>            | The diameter of the pulley at the effective width of the pulley groove.                                                                                                                                                                                                                                     |
| <b>Effective Length</b>              | Effective Length (E.L.) is a standard length measurement that accounts for varying construction and manufacturing methods in the industry. The length is determined by adding the effective circumference to twice the measured center distance using sheaves and an applied tension specified by the ARPM. |
| <b>EPDM</b>                          | Ethylene Propylene Diene Monomer (EPDM) is a synthetic rubber that is durable and resistant to oil, heat, hardening and glazing. Timken belts made of EPDM have superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.                                       |
| <b>Face</b>                          | The outer surface of a pulley. Also the outer surface of a synchronous belt tooth.                                                                                                                                                                                                                          |
| <b>Feather Picker V-Belt</b>         | Timken double angle cog-belt that provides superior performance on poultry processing equipment. Engineered for flexibility and enhanced grip in moist conditions. Available in AAX and BBX sizes.                                                                                                          |
| <b>FHP</b>                           | Fractional Horsepower. Fractional indicates that the motor has a power rating smaller than one horsepower. Durapower II v-belts are designed for FHP applications.                                                                                                                                          |
| <b>Flex Life</b>                     | The ability of a belt to withstand cyclical bending stresses.                                                                                                                                                                                                                                               |
| <b>Flour Power™ Roller Mill Belt</b> | Timken specialty belt engineered for automated milling machines. Roller mill drive belts are typically dual sided. Some are constructed as a dual synchronous or dual v-ribbed belt, while others feature a high torque synchronous belt on one side with v-ribbed capability on the other.                 |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frequency-Finder Tensioning Tool</b> | The Timken Frequency-Finder is an electronic instrument that measures the frequency used to calculate the static tension in various types of belts. The tool is fast, repeatable and reliable.                                                                                                                                                                                                                                                                                     |
| <b>Gold-Ribbon® Cog-Band®</b>           | Banded version of Timken Gold-Ribbon Cog-Belt. Available in RBX and RCX cross sections. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.                                                                                                                                  |
| <b>Gold-Ribbon® Cog-Belt®</b>           | Timken energy saving classical raw edge cog-belt. The unique construction combines the superior flexing of precision molded cogs with the tenacious gripping power of raw edge sidewalls to provide higher energy efficiency, increased power ratings and longer belt life than wrapped v-belts. Gold-Ribbon Cog-Belts are made of EPDM that is durable, heat resistant, static conductive and resistant to hardening and glazing. Available in AX, BX, CX, and DX cross sections. |
| <b>HARDI</b>                            | HARDI (Heating, Air-conditioning and Refrigeration Distributors International) is an organization representing wholesale distribution within the HVACR industry.                                                                                                                                                                                                                                                                                                                   |
| <b>Hexagonal V-Belt</b>                 | Double angle v-belts designed for drives where power needs to be transmitted equally from both sides of the belt. Available in AA, BB and CC cross sections.                                                                                                                                                                                                                                                                                                                       |
| <b>Horsepower</b>                       | Horsepower (hp) is a unit of measurement of power, or the rate at which work is done. There are different standards and types of horsepower. In mechanical engineering, power is a measure of performance or capacity and is defined as the amount of work performed in a given time. Horsepower was originally defined as the power that a horse gives when pulling, or the power needed to move 33,000 pounds a distance of one foot in one minute.                              |
| <b>HTD®</b>                             | HTD means High Torque Drive. HTD belts were the first generation of curvilinear synchronous belts. HTD is a registered trademark of the Gates Corporation.                                                                                                                                                                                                                                                                                                                         |
| <b>HVACR</b>                            | Heating Ventilation Air Conditioning and Refrigeration. HVACR is one of the largest markets for belts.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ID</b>                               | Inside diameter of the belt.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Idler</b>                            | An adjustable free-wheeling pulley used to guide or apply tension to a belt.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Inside Length</b>                    | The length as measured by the inside circumference of the belt.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ISO</b>                              | International Standards Organization. Timken Belts manufacturing facilities and technical center are registered as compliant with the International Standard ISO 9001:2015. ISO certification ensures that organizations understand their key quality processes, that the processes are implemented and followed by everyone in the organization and that the processes are documented and maintained to a degree that they can be demonstrated to an outside agency.              |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Joined Belts</b>                  | Joined or banded belts are two or more v-belts that are permanently joined together at the top with a tie-band. Joined belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Used on pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover. Also known as banded belts. |
| <b>Kevlar®</b>                       | An aramid fiber used as a tensile member in belts. Kevlar is a trademark of DuPont.                                                                                                                                                                                                                                                                                                        |
| <b>Laser-Align Tool</b>              | Timken Laser-Align is a tool for fast and accurate alignment of belt drive pulleys. Along with proper tensioning, alignment is critical to satisfactory belt life and performance.                                                                                                                                                                                                         |
| <b>Lean Manufacturing</b>            | Lean is the set of "tools" that assist in the identification and elimination of waste. As waste is eliminated, quality improves while production time and cost is reduced.                                                                                                                                                                                                                 |
| <b>Lean Sigma</b>                    | The term combines two quality improvement approaches, Lean and Six Sigma. Lean methodologies focus on eliminating waste and streamlining processes. Six Sigma projects increase quality and yield while reducing defects and variation.                                                                                                                                                    |
| <b>Matching (Belt Matching)</b>      | If belts are not the same dimensionally when used on a drive with multiple belts, they won't evenly distribute the load. Using belts that are not matched result in uneven belt wear, leading to premature failure. Timken belts with the Chek Mate symbol will match. (See SAG and Chek Mate)                                                                                             |
| <b>Matching Tolerance</b>            | The acceptable limits on the difference in length for belts in a matched set as defined by the Association for Rubber Products Manufacturers. Timken belts with the Chek Mate symbol meet or exceed these tolerances and will match.                                                                                                                                                       |
| <b>Metric Belts</b>                  | Metric belts are manufactured to meet or exceed ISO (International Organization for Standardization) and DIN (Deutsches Institut für Normung – German Institute for Standardization) standards. Metric belts use different nomenclature and dimensions based in millimeters.                                                                                                               |
| <b>Metric Power-Wedge® Cog-Belt®</b> | Timken narrow wedge raw edge clogged v-belt in metric sizes. Combines the advantages of the narrow wedge design, EPDM and raw edge cog belt performance to maximize operating efficiency in a compact drive package. Available in XPZ, XPA, XPB and XPC cross sections.                                                                                                                    |
| <b>MOQ</b>                           | Minimum Order Quantity. When belts are made-to-order, a minimum order quantity is required.                                                                                                                                                                                                                                                                                                |
| <b>MPTA</b>                          | The Mechanical Power Transmission Association was founded in 1933. MPTA was one of the first organizations in the power transmission field to launch programs of standardization.                                                                                                                                                                                                          |
| <b>MSDS</b>                          | Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS) is a document that lists information relating to occupational safety and health for the use of various substances and products.                                                                                                                                                                                               |

Synchronous Belts

V- Belts

Specialty Belts

Tools

General Information

# Glossary

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MTO</b>                            | Made-To-Order belts are custom made to specifications required by a customer for a unique application.                                                                                                                                                                                                                                                                                                                             |
| <b>MTS</b>                            | Made-To-Stock belts are standard cataloged products.                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Narrow V-Belt</b>                  | Narrow (wedge) v-belts have more steeply angled sidewalls (greater depth to width ratio) providing increased wedging action and higher power ratings than classical v-belts. This allows operation over narrower pulleys to provide space-savings. Narrow profile belts by Timken are named Power-Wedge. Cross sections include 3V/3VX, 5V/5VX, 8V/8VX and metric SPZ/XPZ, SPA/XPA, SPB/XPB, SPC/XPC.                              |
| <b>OC</b>                             | Outside Circumference is the length as measured around the outside of the belt.                                                                                                                                                                                                                                                                                                                                                    |
| <b>OD</b>                             | OD is the outside diameter of the pulley.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>OEM</b>                            | Original Equipment Manufacturer                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>OHR</b>                            | Oil and Heat Resistant. The belt will meet or exceed ARPM standards to withstand oil and heat.                                                                                                                                                                                                                                                                                                                                     |
| <b>OPE</b>                            | Outdoor Power Equipment. Lawn and garden equipment, mowers, tillers, snow throwers, etc.                                                                                                                                                                                                                                                                                                                                           |
| <b>OPEAA</b>                          | Outdoor Power Equipment Aftermarket Association                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>OPEI</b>                           | Outdoor Power Equipment Institute                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Panther® Synchronous Belt</b>      | Timken high torque synchronous belt with an RPP curvilinear tooth profile. Panther belts are designed to improve performance and drive life while reducing maintenance and downtime. Available in 8M, 14M, and 20M.                                                                                                                                                                                                                |
| <b>Panther® XT Synchronous Belt</b>   | Timken extreme torque synchronous belt that can be used as an alternative to chain or drop-in replacement for high torque polyurethane belts. Panther XT is made with carbon cord and engineered to run in the harshest environments. Available in standard lengths and widths.                                                                                                                                                    |
| <b>Pitch Length</b>                   | The length at the belt pitch line as measured at the pitch diameter of the sheave with the belt at a specified tension.                                                                                                                                                                                                                                                                                                            |
| <b>Ply</b>                            | A layer of a belt.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Poly-V® Belt</b>                   | Common name for a v-ribbed belt. Is often referred to with the cross section, for example PVJ. Poly-V is a trademark of Conti-Tech. Timken v-ribbed belts are named Vee-Rib.                                                                                                                                                                                                                                                       |
| <b>PowerMiser Web App</b>             | PowerMiser is a mobile web app that calculates estimated annual energy savings that can be gained by upgrading to energy efficient Timken belts.                                                                                                                                                                                                                                                                                   |
| <b>PowerTwist Drive® Link Belting</b> | PowerTwist Drive® belting is a urethane belt designed for drives that have no take-up adjustment capability or for use as an emergency replacement. It can be assembled by hand and rolled onto the drive like a bicycle chain. PowerTwist Drive has the same cross section dimensions as traditional rubber v-belts and can be installed on existing sheaves. Available in 3L, A/4L, B/5L and C cross sections in 30 meter rolls. |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Power-Wedge® Cog-Band®</b> | Banded version of Timken Power-Wedge Cog-Belt. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover. Available in R3VX and R5VX cross sections.                                                                                                                        |
| <b>Power-Wedge® Cog-Belt®</b> | Timken narrow raw edge cog-belt. Combines the advantages of the narrow wedge profile, EPDM and raw edge cog belt performance to maximize operating efficiency in a compact drive package. Available in 3VX, 5VX, 8VX, XPZ, XPA, XPB and XPC cross sections.                                                                                                                                                                                                                |
| <b>PT</b>                     | Power Transmission is the movement of energy from its place of generation (motor) to a location (driven unit) where it is applied to perform useful work.                                                                                                                                                                                                                                                                                                                  |
| <b>PTDA</b>                   | Power Transmission Distributors Association (PTDA) is an association for the industrial power transmission/ motion control (PT/MC) distribution channel.                                                                                                                                                                                                                                                                                                                   |
| <b>PTplace</b>                | PTplace.com is an e-commerce marketplace available to distributors in North America. PTplace.com is an easy, fast and accurate way to place orders electronically, check order status, check inventory availability and see customized pricing. Timken belts can be ordered from the Timken store on PTplace.com.                                                                                                                                                          |
| <b>Pulley</b>                 | A pulley is a wheel with a grooved rim on an axle that is designed to support movement of a belt along its circumference to transmit power from one rotating shaft to another. A pulley is also called a sheave or sprocket. In general, use the term sprocket when referring to the metal used with synchronous belts. Sheaves have v-shaped grooves designed for use with various types of v-belts.                                                                      |
| <b>Quarter Turn Drive</b>     | A belt drive in which the axis of the driver and driven sheaves or pulleys are at right angles to each other.                                                                                                                                                                                                                                                                                                                                                              |
| <b>Raw Edge</b>               | Raw edge v-belts are cured and then cut into a V shape. The gripping power of raw edge sidewalls provides higher energy efficiency and reduces vibration for extended component life. The raw edge construction allows more cord width for increased horsepower capacity. Raw edge cog-belts run cooler, last longer, and have an efficiency that is about 2% higher than that of wrapped molded v-belts according to the U.S. Department of Energy. Also called cut edge. |
| <b>RMA</b>                    | Rubber Manufacturers Association                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Roller Mill Belt</b>       | Timken specialty belt engineered for automated milling machines. Roller mill drive belts are typically dual sided. Some are constructed as a dual synchronous or dual v-ribbed belt, while others feature a high torque synchronous belt on one side with v-ribbed capability on the other.                                                                                                                                                                                |
| <b>Rotocure</b>               | Rotocure is a shortened name for Rotary Curing Press. This machinery is designed for the vulcanization of belts.                                                                                                                                                                                                                                                                                                                                                           |

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Round Belt</b>            | Round belts are used on conveyors, quarter-turn, twisted, and serpentine drives. Timken round belts feature a no-splice construction for added durability with minimal stretch. Available in 7/16" and 9/16" diameters.                                                                                                                                                                                                                                                                                                                     |
| <b>RPM</b>                   | Revolutions Per Minute. RPM is used as a measure of how fast a machine is operating at a given time.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RPP®</b>                  | Reinforced Parabolic Profile is a modified curvilinear synchronous belt tooth profile. RPP is interchangeable with HTS, PGGT®2, HPPD, and HTD® sprockets.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Rubber</b>                | A material that is capable of recovering from large deformations quickly and forcibly. Rubber has been used for over 1000 years and once came entirely from natural sources. Synthetic rubber was introduced in the late 1940s. Timken Belts makes over 50 rubber polymers designed for specific applications.                                                                                                                                                                                                                              |
| <b>SAG</b>                   | When multiple belts are used on a drive and all are not the same length, some belts may appear to hang unevenly or sag. Optimal drive performance requires "Matched Belts". A "SAG" number identifies variation from the nominal (target) specification. Some belts still utilize "SAG" numbers. Timken belts with the Chek Mate symbol will match. (See Chek Mate.)                                                                                                                                                                        |
| <b>SBR</b>                   | Styrene-Butadiene Rubber. A family of synthetic rubber derived from styrene and butadiene used in making some belts.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>SDS</b>                   | Safety Data Sheet (SDS) or Material Safety Data Sheet (MSDS) is a document that lists information relating to occupational safety and health for the use of various substances and products.                                                                                                                                                                                                                                                                                                                                                |
| <b>Service Factor</b>        | When designing belt drives, a service factor is added for demanding applications. The service factor accounts for the severe conditions of different types of applications and operating conditions. For example, drives with high shock loads can shorten the life of belts as well as bearings and other components. A multiplier is applied to the required horsepower of a drive to determine the design horsepower. It compensates for the extra life taken out of a belt during times that it operates above the required horsepower. |
| <b>Service Factor Wizard</b> | Timken Belts' Drive Engineer app takes the guesswork out of determining the proper service factor with the Service Factor Wizard. Service factors provide more accurate drive requirements by considering the severity of different types of applications and operating conditions. When designing a synchronous or v-belt drive, use the Service Factor Wizard to assure optimal performance and belt life.                                                                                                                                |
| <b>Sheave</b>                | A wheel with v-shaped grooves designed to accommodate one or more v-belts. Also known as a pulley.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Sheave Gauge</b>          | Set of templates to check sheave wear. Sheave condition and alignment are vital to v-belt life and performance. Available in imperial and metric sizes.                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shock Load</b>                                         | Shock load is a stress created by a sudden force. Shock loading in belt drives occurs when an object suddenly accelerates or decelerates or when higher than normal intermittent or cyclic torque loads occur. Shock loads add stress to the belt and may lead to belt failure.                                                                                                                                      |
| <b>Six Sigma</b>                                          | Six Sigma is a disciplined, statistical-based, data-driven continuous improvement methodology to systematically improve processes by eliminating defects.                                                                                                                                                                                                                                                            |
| <b>Sleeve</b>                                             | Timken Belts has two meanings for sleeve. A cardboard sleeve is packaging that fits over the finished belt with part number, bar code and other information about the belt. Belts are manufactured on a drum creating a sleeve that is then cut. Full factory width sleeves of synchronous belts can be purchased and then cut to the proper width as needed.                                                        |
| <b>Sprocket</b>                                           | A sprocket is a toothed wheel whose teeth engage with the belt. Positive engagement is dependent upon the meshing of the belt teeth with the sprocket. Also called timing pulleys.                                                                                                                                                                                                                                   |
| <b>Static Conductive/Dissipating</b>                      | Having the capability of furnishing a path for the flow of static electricity.                                                                                                                                                                                                                                                                                                                                       |
| <b>Static Conductive/Dissipating Belt</b>                 | Under certain conditions of temperature and humidity, a belt drive may generate static electricity. Belts intended for operation in a potentially dangerous atmosphere should be constructed with a relatively low electrical resistance characteristic. It is common to specify and refer to such belts as "static conductive", "static dissipating", or "anti-static". Most Timken v-belts are static dissipating. |
| <b>Stiff-Flex</b>                                         | Timken Stiff-Flex is fiber loaded rubber that orients the fibers in one direction allowing cord support in the v-groove of the pulley while at the same time being flexible around the radius of the pulley.                                                                                                                                                                                                         |
| <b>Super Arc® Belt</b>                                    | Timken specialty heavy duty wrapped belt designed to provide improved flexibility, performance and extended belt life on live/powered roller conveyor drives. Available in B cross section v-belts and 9/16 inch round belts.                                                                                                                                                                                        |
| <b>Super Blue Ribbon® V-Belt</b>                          | Premium Timken wrapped molded v-belt built to the highest standards in the industry. Ideal for classical drives with shock loads. Available in A, B, C, D and E cross sections.                                                                                                                                                                                                                                      |
| <b>Super Blue Ribbon® Band (formerly Super Vee-Band®)</b> | Banded version of Timken Super Blue Ribbon V-Belt. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover. Available in RB, RC and RD cross sections.                                                              |

# Glossary

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Super II® V-Belt</b>                                  | Timken classical laminated raw edge v-belt made of Ethylene Propylene Diene Monomer (EPDM) with a Central Neutral Axis (CNA) cord placement that creates a flexible, stable and efficient v-belt. EPDM is durable, heat resistant, static conductive and resistant to hardening and glazing. Available in A-R, B-R and C-R cross sections.                                                                                      |
| <b>Super Power-Wedge® V-Belt</b>                         | Timken narrow wrapped molded v-belt for controlled power transfer. The stress-relieved wrapped cover provides superior wear resistance. The narrow cross section enables the design of a more compact drive. Available in 3V, 5V, 8V, SPB and SPC cross sections.                                                                                                                                                               |
| <b>Super Power-Wedge® Band</b><br>(formerly Wedge-Band®) | Banded version of the Timken Super Power-Wedge V-Belt. Minimizes belt whip and rollover on long center distance drives. Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover. Available in R3V, R5V and R8V cross sections. |
| <b>Synchro-Cog® HT Synchronous Belt</b>                  | Curvilinear synchronous belt with HTD® profile. Available in 3M, 5M, 8M and 14M cross sections.                                                                                                                                                                                                                                                                                                                                 |
| <b>Synchro-Cog® Timing Belt</b>                          | Timken synchronous belt with trapezoidal tooth profile for traditional synchronous applications. Available in XL, L, H, XH and XXH cross sections.                                                                                                                                                                                                                                                                              |
| <b>Synchronous Backlash</b>                              | The necessary clearance between belt teeth and sprocket grooves for proper meshing in a synchronous belt drive system.                                                                                                                                                                                                                                                                                                          |
| <b>Synchronous Belt</b>                                  | The term timing belt and synchronous belt can be used interchangeably to describe a belt that is capable of synchronizing two or more shafts. Synchronous belts rely on the accurate and smooth meshing of the teeth on the belt with the grooves of a sprocket. Referred to as timing, positive-drive or synchronous belts.                                                                                                    |
| <b>Synchronous Pitch Length</b>                          | Synchronous belt pitch length is the total length (circumference) as measured along the pitch line. Synchronous belt pitch is the distance between two adjacent tooth centers. Determine the pitch length by multiplying the belt pitch by the number of teeth.                                                                                                                                                                 |
| <b>Synchronous Tooth Pitch</b>                           | The spacing between two adjacent teeth on the belt (and sprocket). Measured from the center of one tooth to the center of the next tooth.                                                                                                                                                                                                                                                                                       |
| <b>Synchronous Tooth Profile</b>                         | Indicates the type or shape of the belt tooth.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Take-up</b>                                           | The removal of slack or stretch from a belt.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Teeth</b>                                             | The part of a synchronous belt that meshes with the grooves of the sprocket.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tensile Member</b>                                    | The tensile cord is the backbone and load bearing element of the belt. These cords provide strength, flex life and resistance to elongation. High-strength synthetic fiber cords carry the horsepower load and minimize stretching. Most belts use polyester, fiberglass, aramid or carbon fiber cord.                                                                                                                          |

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tensiometer</b>               | Spring-loaded belt tensioning device. The force required to deflect a span length by a given amount is related to the tension in the belt. The tensiometer measures that deflection. This tool can be used on v-belts, banded belts or synchronous belts. Available in single, double and triple stem configurations.                                                                                            |
| <b>Tension Section of V-Belt</b> | The tension section of a v-belt is made of synthetic rubber specially formulated to stretch as the belt bends around the sheaves.                                                                                                                                                                                                                                                                                |
| <b>Tension-Finder®</b>           | Timken Belts' quick, easy and accurate tool for tensioning v-belts. The Tension-Finder is an exclusive design developed for use with Timken belts. Do not use on belts with aramid, glass or carbon fiber cord.                                                                                                                                                                                                  |
| <b>Tension-Finder Jr.</b>        | Formerly Big Shot, Timken Belts' tool to quickly tool to quickly, easily and accurately tension a new v-belt. It's half the size of the Tension-Finder for use on smaller drives with span lengths of 6 to 12 inches.                                                                                                                                                                                            |
| <b>Tensioning</b>                | One of the most common causes of belt failure is improper tensioning. In order to ensure a long and efficient service life, belts must be properly installed and tensioned. Too little tension results in slippage, causing rapid v-belt and sheave wear. Too much tension results in excessive stress on the belts, bearings and shafts. Proper tensioning extends belt life, saves energy and reduces downtime |
| <b>Timing Belt</b>               | The term timing belt and synchronous belt can be used interchangeably to describe a belt that is capable of synchronizing two or more shafts. Timing belts rely on the accurate and smooth meshing of the teeth on the belt with the grooves of a sprocket. Referred to as timing, positive-drive or synchronous belt.                                                                                           |
| <b>Tolerance</b>                 | A tolerance is defined as an allowable variation in the dimensions of a product. The tolerances are defined by various standards organizations. Timken belts meet or exceed ARPM, MPTA, ISO and DIN standards.                                                                                                                                                                                                   |
| <b>Torque</b>                    | The twisting or turning effort around a shaft tending to cause rotation. Torque is determined by multiplying the applied force by the distance from the point where force is applied to the shaft center.                                                                                                                                                                                                        |
| <b>Tooth Facing</b>              | The facing of a Timken synchronous belt tooth is a specially woven and treated fabric that reduces the friction of the belt in the sprocket and resists abrasion and wear.                                                                                                                                                                                                                                       |
| <b>Ultra-Cord®</b>               | Timken Belts' tensile member that provides high strength and dimensional stability. Ultra-Cord component delivers low tension decay and long belt life.                                                                                                                                                                                                                                                          |
| <b>Variable Speed Cog-Belt®</b>  | Timken variable speed cog-belts are designed for use with industrial variable speed pulleys to gain a wide range of driven speeds.                                                                                                                                                                                                                                                                               |

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Variable Speed Drive</b> | Variable speed drives are designed to allow changes to driven shaft speed where the drive motor speed is fixed. Used in applications where drive speed is increased or decreased frequently to accommodate varying process conditions. The drive uses sheaves which have one or both sides movable in order to change the diameter at which the belt operates, and thus the rotational speed of the driven shaft. Also referred to as multi-speed, adjustable speed and variable pitch drives. | <b>Vee-Rib Belt</b>          | Timken name for a flexible flat belt with multiple v-shaped ribs running the length of the belt. Vee-Rib belts operate efficiently with high load-carrying capacity at high speeds on small diameter pulleys providing smooth, vibration-free performance in a compact drive. Vee-Rib belts are available in J cross section. K, L, and M are also popular v-ribbed cross sections. Also referred to as v-ribbed, multi-rib, Micro-V® and Poly-V®. |
| <b>V-Belt</b>               | The function of a v-belt is to transmit power from one shaft to another through a driver to a driven pulley (sheaves). The belts must transfer this power efficiently and reliably. V-belts work on the principle of the wedge and rely on proper tension to create friction or grip on the sidewall of the sheave to transmit power.                                                                                                                                                          | <b>Vulcanization</b>         | Belts are vulcanized or cured in a chemical process in which elastomers are heated to form cross-links between molecules to achieve improved durability, elasticity, resilience, tensile strength, viscosity, hardness, and other properties. The word vulcanization is derived from Vulcan, the Roman god of fire.                                                                                                                                |
| <b>V-Belt Drive</b>         | Common and economical system for transmitting power from a drive to a driven shaft. The drive uses v-belts and grooved sheaves or pulleys. V-belts work on the principle of the wedge and rely on tension to create friction on the sidewall of the sheave to transmit power. V-belt drive systems are easy to install, require no lubrication, and dampen shock load.                                                                                                                         | <b>Wallboard</b>             | A popular merchandising and display system for v-belts.                                                                                                                                                                                                                                                                                                                                                                                            |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Wrapped Molded V-Belt</b> | Wrapped molded belts have a fabric cover and are molded into a "V" shape. The cover protects the core. Wrapped belts are the preferred drive solution for clutching or shock load applications.                                                                                                                                                                                                                                                    |

Some products mentioned are trademarks or registered trademarks of their respective owners.

Bando® is a registered trademark of Bando Chemical Industries, Ltd. Optibelt® is a registered trademark of the OPTIBELT Corporation. PIX® is a registered trademark of Pix Transmissions Limited. Thermoid® is a registered trademark of HBD/Thermoid, Inc. TB Woods® is a registered trademark of TB Wood's Incorporated. Browning® is a registered trademark of Regal Rexnord®. ContiTech® and Poly-V® are registered trademarks of ContiTech Inc. Gates®, Predator®, Poly Chain®, Micro-V®, PowerGrip®, HTD® and GT® are registered trademarks of Gates Corporation. Jason® is a registered trademark of Jason Industrial, Inc. Megadyne® is a registered trademark of Megadyne S.p.A. MBL® is a registered trademark of Mitsubishi Belting Ltd. Martin®, MST® and MPC® are registered trademarks of Martin Sprocket & Gear, Inc. Kevlar® is a registered trademark of DuPont. QD® is a registered trademark of Regal Beloit America, Inc. Taper-Lock® is a registered trademark of Dodge Manufacturing Corporation. PowerTwist Drive® is a registered trademark of Fenner U.S.

The following are registered trademarks of The Timken Company or its affiliates.

Aramax®, Blue Label®, Chek Mate®, Cog-Band®, Cog-Belt®, Cotton Drive®, Drive Engineer®, Durapower®, Gold-Ribbon®, Panther®, Power-Wedge®, RPP®, Super Ag-Drive®, Super Blue Ribbon®, Super II®, Synchro-Cog®, Super Vee-Band®, Tension-Finder®, The Right Belt for the Job®, Timken®, Ultimax®, Ultra-Cord®, and Wedge-Band®.

## Notes







## Notes



## **Timken Belts**

2601 West Battlefield Road  
Springfield, MO 65807

USA Customer Service: 877-484-6536  
Email: [customerservicebelts@timken.com](mailto:customerservicebelts@timken.com)



Timken Belts is part of The Timken Company's growing portfolio of engineered bearings and power transmission products. A manufacturer of premium performance power transmission belts, Timken Belts' associates and products help keep industry in motion and the world more productive.

Performance Driven. **Performance Proven.**