



A Tomkins Company

# Industrial Belts

V-Belts

Synchronous Belts

Synchronous Metals

Preventive Maintenance Tools

Belt Drive Related Products



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



# GATES UNITTA ASIA TRADING C

## THE HISTORY

The Gates Rubber Company was initially founded in 1911. Six years later, John Gates invented the automotive v-belt and revolutionised power transmission.

Today, Gates is the world's largest manufacturer of automotive belts and hoses. With 40 manufacturing facilities on five continents, Gates makes thousands of products to meet the specialised design requirements of the world's automotive and industrial manufacturers. Automotive manufacturing, transport, agricultural, mining, construction, office equipment, computer technology and food processing are the primary industries it serves.



A Tomkins Company

## MILESTONES OF GATES



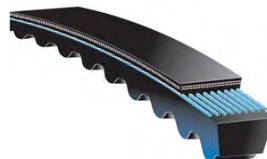
**1911**  
Charles Gates founded the Gates Rubber Company



**1959**  
Gates introduces the revolutionary Super HC V-belt in 3 narrow cross sections.



**1974**  
New Hi-Power II V-belts and PowerBand belts were introduced, offering a 21-49% increase in horsepower.



**1977**  
Gates Super HC Molded Notch V-belts were introduced, featuring specially-designed notches and lateral rigidity.



**1987**  
The Polyflex JB belt is added for high performance at high speeds. The Design Flex software is released to the sales force and customers.

**1917**  
John Gates invents the V-belt

**1961**  
The 1st version of Design Flex was released to help engineers design more efficient drives.

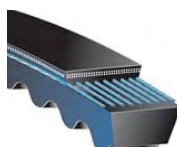
**1965**  
Gates invented "joined" PowerBand belts to solve belt shock-load problems like whip, vibration and turnover.

**1975**  
Tri-Power Molded Notch V-belts were added to the Gates product line, along with the 1st top quality synchronous belts.

**1979**  
Gates introduces the Micro-V belt featuring exclusive truncated ribs.

**1986**  
Gates introduces the PolyChain GT belt to the synchronous product line.

**1991**  
Through strategic alliance, Gates added metal components to complete its product offering of belt drive system solutions.



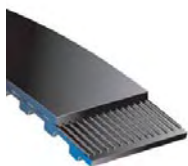
# COMPANY PTE LTD

Founded in 1885, Nitta Corporation is a high-technology company experienced in supplying products and engineered systems to OE manufactures around the world. From its separate divisions come such diverse products as engineered flat transmission and conveyor belting, high speed conveyance systems, road joints and seismic isolation bearings for construction markets, robotics and polishing pads for the semiconductor industry.

In 1998, The Gates Rubber Company (USA) and Nitta Corporation (Japan), partners in Asia for over 30 years, formed an all new organisation, GNAPCO Pte Ltd (Gates Nitta Asia Pacific) to manage and co-ordinate the existing power transmission business activities in Asia.

However, as part of the culmination of a long-term plan for the company to rationalise operations in Asia, GNAPCO went through a re-structuring in 2002, as was re-named as Gates Unitta Asia.

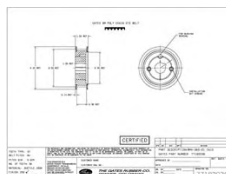
GUA combines all of the Group's capabilities, including R & D, manufacturing, distribution and aftersales technical support, to provide customers with world class products and services throughout all the Asian countries. It functions as integral part of Gates' worldwide power transmission business, assuring all customers of a global capability unmatched by any competitor.



**1993**  
PowerGrip GT belts, the quietest belts in the market, were introduced by Gates.



**1997**  
Metric Power V-belts were made available in the U.S.



**2002**  
Design View software was released to enable customers to download engineering drawings of Gates synchronous sprockets.



**2004**  
Gates Eliminator belt introduced as a replacement for RPP applications. PolyChain GT2 Nickel-plated sprockets, Single-Double sprockets and PowerGrip HTD Twin Power belts were added to the product line.

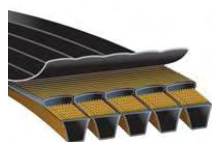
**1995**  
Predator PowerBand belts were offered for tough, shock-loaded applications. Gates.com website was launched.

**2000**  
Gates redesigned its synchronous belt offerings, introducing PolyChain GT2, PowerGrip GT2 and PowerGrip GT2 Twin Power belts. Gates also sponsors Tony Schumacher and the US army's top drag racing team, featuring PolyChain GT2 blower belts.

**2003**  
Gates introduced PowerBack belts, stainless steel sprockets and bushings, aluminium bar stock and ACHE sprockets. First web-based industrial products catalog introduced.

**2005**  
Predator Singles belts were introduced in the U.S., offering a single strand version of the tough PowerBand belts.

**2007**  
Gates introduces the PolyChain GT Carbon belt.





## FULL PROFILE / WRAPPED V-BELTS

- PG 1 Super HC<sup>®</sup> Full Profile RMA
- PG 10 Vulco Power<sup>™</sup> II Belts
- PG 12 Hi-Power<sup>®</sup> II Belts
- PG 17 Power Curve<sup>™</sup> Belts
- PG 27 Truflex<sup>®</sup> V-Belts
- PG 29 PowerRated<sup>®</sup> V-Belts



## PREDATOR BELTS

- PG 8 Predator<sup>®</sup> Belts
- PG 9 Predator<sup>®</sup> Single Belts



## POWERBAND BELTS

- PG 5 Super HC<sup>®</sup> PowerBand<sup>®</sup> Belts
- PG 6 Super HC<sup>®</sup> Molded Notch PowerBand<sup>®</sup> Belts
- pg 14 Hi-Power<sup>®</sup> II PowerBand<sup>®</sup> V-Belts



## BANDLESS V-BELTS

- PG 3 Super HC<sup>®</sup> Plus Vextra<sup>™</sup>
- PG 7 Quad-Power II V-Belts
- pg 15 Tri-Power<sup>®</sup> Belts



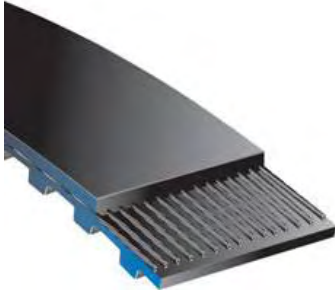
## POLYFLEX BELTS

- PG 30 Polyflex<sup>®</sup> Belts
- PG 32 Polyflex<sup>®</sup> JB<sup>®</sup> Belts



## BELTS FOR SPECIAL APPLICATIONS

- PG 16 Hi-Power<sup>®</sup> II Dubl-V Belts
- PG 18 Micro-V<sup>®</sup> Belts
- PG 19 Multi-Speed<sup>®</sup> Belts
- PG 22 Nu-T-Link<sup>®</sup> Belting
- PG 23 Easy-Splice V-Belting
- PG 24 Speed-Flex<sup>®</sup> Flat Belts
- PG 25 Powercord<sup>®</sup> Belts
- PG 26 Tubewinder Belts



## POWERGRIP TIMING BELTS

- PG 37 PowerGrip® Timing Belts
- PG 41 PowerGrip® HTD® Belt
- PG 44 PowerGrip® GT®2 Belts - Sleeve
- PG 47 PowerGrip® EV8YU
- PG 48 PowerGrip® GT3 Belts



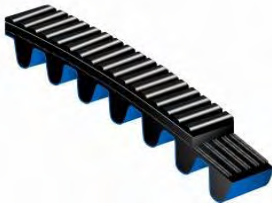
## POWERGRIP TWIN POWER TIMING BELTS

- PG 49 PowerGrip® Twin Power® Belts
- PG 50 PowerGrip® HTD® Twin Power®
- PG 52 PowerGrip® GT Twin Power®
- PG 53 PowerGrip® GT®2 Twin Power®



## LONG-LENGTH BELTINGS

- PG 54 Long-Length Beltings



## POLYCHAIN GT BELTS

- PG 54 PolyChain® GT® Carbon™
- pg 35 PolyChain® GT® - 8M Short Length



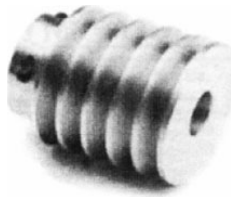
## GATES MECTROL BELTS

- PG 55 Gates® Mectrol™ belts
- pg 58 Gates® Endless Timing Belts



## SPECIAL APPLICATIONS

- PG 36 Eliminator™ Belts
- pg 61 Circular Knitting Machine belts



## SHEAVES

PG 88 Polyflex® Sheaves



## SPROCKETS

PG 62 Poly Chain® GT®2 Sprockets

PG 69 Poly Chain® GT®2 Sprockets- Stainless Steel

PG 70 Poly Chain® GT®2 Sprockets- Nickel Plated

PG 72 Poly Chain® GT®2 Single-Double Sprockets

PG 73 PowerGrip® GT®2 Sprockets- 8MGT & 14MGT



## BUSHINGS

PG 89 QD® Bushings

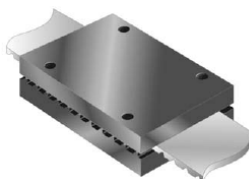
PG 92 Taper-Lock® Bushings



## COUPLINGS

PG 86 EuroGrip® Flexible Couplings

PG 87 PowerGrip® Flexible Couplings



## OTHERS

PG 78 PowerGrip® GT®2 Sprocket Aluminium Bar Stock

PG 79 PowerGrip® Timing Pulleys

PG 82 Sychro-Power® Aluminum Bar Stock

PG 84 Flanges for Sychro-Power® Aluminum Bar Stock

PG 85 Clamping Plates (Long-Length)

## PREVENTIVE MAINTENANCE TOOLS



PG 96 Sonic Tension Meter

PG 96 Tension Testers

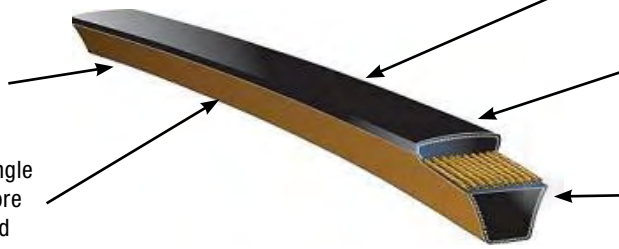
PG 96 Laser Alignment Tools

# PREDATOR™ SINGLES

DESIGNED TO TACKLE YOUR TOUGHEST PROBLEMS

Gates concave patented sidewalls provide a better fit in the sheave for uniform loading and maximum life.

Size for size, Predator Single belts provide 20-50% more horsepower than standard V-belts.



Double fabric cover withstands abrasion, punctures, slip and shear force.

Limited stretch aramid fiber tensile cords provide extraordinary strength and durability. Predator belts stretch half as much as traditional V-Belts.

Predator Single belts have the same horsepower ratings and performance characteristics as Predator belts in the multiple strand PowerBand configuration.

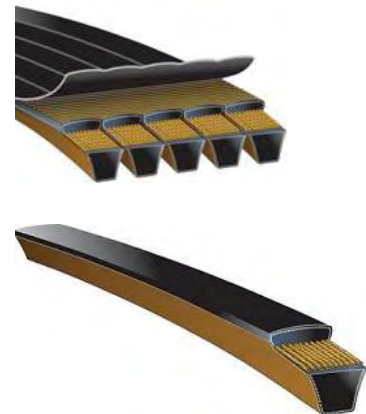
Gates Predator PowerBand belts have earned a reputation as the most aggressive V-Belts ever made for shock-loaded applications - the best problem-solver belt ever! They thrive on drives that chew up other belts, out-lasting and out-performing ordinary V-belts with exceptional high-impact strength and load-carrying capacity.

Gates tested the Predator PowerBand belts on some of the world's most demanding equipment:

- Chippers
- Debarkers
- Rock crushers and screeners
- Oilfield mud pumps

In the Predator Single configuration, uses include:

- Metric multi-groove sheaves
- Deep groove sheaves
- Drives with limited room for installation
- "A" section solution for multi-groove A/B sheaves



## WHY CHOOSE PREDATOR BELTS ?

**DEVOURS DOWNTIME**  
Because of its superior construction, Predator belts won't need to be replaced as often as other belts. This eliminates downtime that could cost you business..

# PREDATOR®

**BUILT TO LAST**  
Predator belts are differentiated by their superior construction which allows the belt to slip smoothly under heavy shock or impulse load, thereby reducing heat generation. The Predator belt's outermost layer is also made of fabric, and is not rubber impregnated unlike other belts.

**VERSATILE**  
Regardless of the industry, Predator belts outperform the competition on heavily shock-loaded drives.

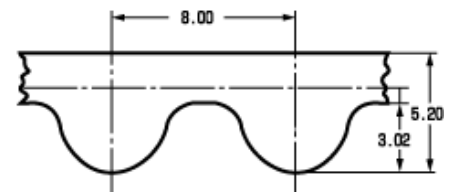
- Wood Products
- Sawmills, Logging, Plywood Manufacturing
- Mining
- Rock crushing and quarry operations
- Crushers, Shaker Screens
- Oil field equipment
- Mud pump drives

## POWERGRIP EV8YU

HIGH PRECISION, HIGH PERFORMANCE



Example :	2000	Width (mm)
	EV	Pitch
	8YU	Profile
	40	Length



Made of high strength material with significant transmission capacity, the EV8YU series was created based on the current HTD timing belts series as well as the GT/ GT2 series

Page References  
 \*\* For more information on Predator PowerBand belts, please refer to page 8.  
 \*\* For information on Predator Single belts, please refer to page 9.  
 \*\* For information on PowerGrip EV8YU belts, please refer to page 47.

## POWERGRIP® GT® 3

EXPAND THE LIMIT OF YOUR POWER TRANSMISSION SOLUTIONS!



### ADVANTAGES

- Substantially increased power ratings: up to 30% more than previous constructions.
- Compact, light-weight and cost-effective drives.
- Improved tooth jump resistance.
- High capacity belt with reduced noise levels.
- No lubrication needed

The PowerGrip® GT3 synchronous belt transmits up to 30% more power than previous generation belts. The entire belt range is designed to run on existing drives and does not require any adaptation of the system.

The larger 8MGT and 14MGT pitches are the optimum choice for high performance drives in the machine tool, paper and textile industries where durability and low maintenance are required. They are a perfect replacement for HTD® and GT type drives.

### CONSTRUCTION

- Elastomeric backing protects the cords from environmental pollution and frictional wear.
- Low friction nylon facing protects the tooth surfaces against wear.
- Precision-formed and accurately spaced elastomeric teeth.
- Helically wound tensile member gives enormous strength, flex life and elongation resistance.
- Technologically advanced compound with fibre glass tensile cord, elastomeric teeth and backing and nylon facing.



## POLY CHAIN® GT® CARBON™

NOTHING TOUGHER



Tougher-than-steel, patented Poly Chain GT Carbon belt high-modulus carbon fiber tensile cords.



Gates new Poly Chain® GT® Carbon™ belt is part of a powerful synchronous belt drive system that outperforms roller chain in even the most demanding high-torque applications.

Gates Poly Chain® GT® Carbon™ belt offers enhancements that exceed the current market-leading Poly Chain GT®2 belt, including:

- Better performance
- More flexibility for use with backside idlers
- Greater resistance to moisture

### WHY CARBON?

In today's high-performance driven world, parts that need to be incredibly strong and lightweight aren't made of steel. They're made of premium grade carbon fiber.

Gates is the first to apply these premium grade carbon fibers in a patented dynamic application, providing the Poly

Chain® GT® Carbon™ with exceptionally high power transmission capacity, strength, flexibility and durability.

Poly Chain® GT® Carbon™ drives pack a lot of power into a small space, matching the capacity of roller chain drives width-for-width in most pitch sizes.

### WHY CHOOSE GATES POLY CHAIN® GT® CARBON™ BELTS?

- Lower operating costs and eliminate maintenance
- Provide excellent resistance to moisture, chemicals, and abrasion
- Can outlast roller chain drives 3-to-1 or more

### Page References

\*\* For more information on PowerGrip GT3 belts, please refer to page 48.

\*\* For information on PolyChain GT Carbon belts, please refer to page 33.



## CIRCULAR KNITTING MACHINE (TT5 BELTS)

ADVANCED TECHNOLOGY FOR BETTER DURABILITY!



Gates Circular Knitting machines belts are produced by advance welding technology of extruded Polyurethane with high abrasion resistance and Kelvar tensile cord member.

### FEATURES

- Low noise
- Low installation tension
- Standard Kevlar cord
- High abrasion resistance



## BELT FEATURE

HOW TO KNOW THE RIGHT BELT TO CHOOSE FOR YOUR APPLICATION

## SUPER HC<sup>®</sup> PLUS VEXTRA<sup>™</sup> VS QUAD-POWER II V-BELTS



- Suitable for a wide range of applications
- Dual printing and superior flexibility
- Recommended for difficult drives where high speeds, small pulley diameters and short center distances are needed
- 33% longer life, lesser maintenance and downtime



- Top-of-the-range narrow section V-belt for heavy-duty industrial drives
- V-belt with the highest power capacity, even on small pulley diameters
- Improved resistance to outside bends allows the use of back idlers.
- Increased transmission efficiency

## VULCO POWER<sup>™</sup> II BELTS VS HI-POWER<sup>®</sup> II V-BELTS



- Suitable for all maintenance and repair operations
- Concave Sidewalls provide more wedging
- Textile cover protects against abrasion
- Polyester tensile member with stands recurrent shock loads
- Good resistance to temperature variations



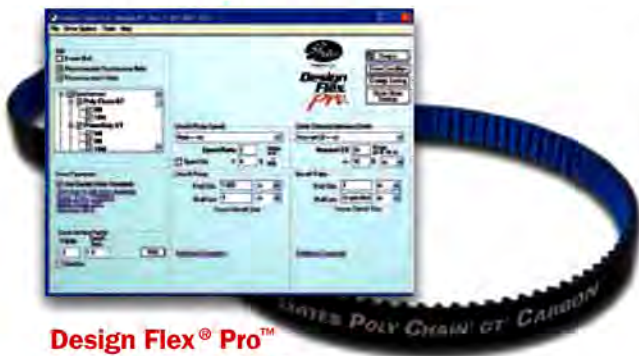
- Used for new applications or replacement on heavy-duty conventional V-belt drives
- "Gates Curves" which distribute wear uniformly and provide proper belt support for improved belt life
- Hi-Power II belts resist oil, heat, ozone, wear and aging
- Meets RMA static-conductivity standards
- Features Flex-bonded cords and Flex-Weave<sup>®</sup> covers

# Drive Design & Engineering Tools

*Fast and easy resources for selecting and maintaining belt drive systems.*

- quickly find the product information you need
- get answers, solve problems and develop solutions
- create drive designs in minutes

## Design Flex Pro™



**Design Flex® Pro™**  
[www.gates.com/designflex](http://www.gates.com/designflex)

If you currently design 2-point drives using manuals, then you know how long it can take and that you only get one solution. With Gates Design Flex® Pro™ program, you can design a drive in minutes, and get every possible drive solution that fits your design parameters. Plus, you can print, email and create a PDF of the design specifications.

Design Flex Pro includes such belt drive products as: Poly Chain GT2, PowerGrip GT2 (except Twin Power belts) and heavy-duty V-belts.

**Use Design Flex Pro to:**

- quickly and correctly design 2-point drives
- get multiple design solutions
- see both V-belt and synchronous options
- design using different languages for customers outside the US
- save time and money

## Design View™



**Design View®**  
[www.gates.com/designview](http://www.gates.com/designview)

This software program offers a faster, easier way to obtain complete dimensions, CAD drawings and 3D solid models of Gates synchronous belt hardware. 2-D sprocket drawings can be downloaded in AutoCAD, Word, Generic or Web formats, and 3-D solid models can be saved as native Pro/e files. You can also generate detailed information sheets for belts in a PDF format.

## Drive Design Manuals, Catalogs and Charts

[www.gates.com/catalogs](http://www.gates.com/catalogs)

View and download PDF versions of Gates Power Transmission Systems Catalog, Belt Number & Identification Chart and Drive Design Manuals, including:

- Poly Chain® GT® Carbon™ Design Manual
- PowerGrip® GT®2 Design Manual
- HVAC Drive Design Manual
- Heavy Duty V-Belt Drive Design Manual
- Light Power & Precision Drive Design Manual
- Air-Cooled Heat Exchanger Application Manual



## SUPER HC® FULL PROFILE

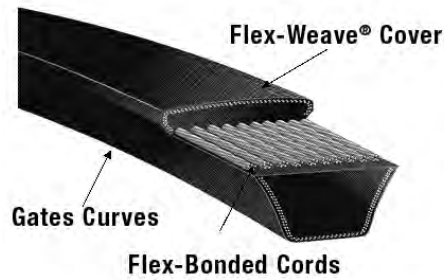
Pioneered by Gates, these “narrow” cross-sections can transmit up to three times the horsepower of the classical cross-sections (A, B, C and D) in the same amount of drive space.

### MARKETS/APPLICATIONS

Suitable for all industrial applications, particularly where space, weight and horsepower capacity are critical.

### FEATURES/ADVANTAGES

- Gates Curves provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- The Flex-Bonded Cords are strongly bonded to body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- The Flex-Weave® Cover is a patented construction for longer cover life, providing extended protection to the core of the belt from oil, dirt and heat.



- Meets RMA oil and heat resistant standards.
- Meets RMA static conductivity requirements.

**Recommended Sheaves**  
Super HC® Sheaves

**Notes**  
Gates Super HC belts are available in 3V, 5V and 8V cross sections.

## SUPER HC® FULL PROFILE RMA STANDARD



**3V SECTION**  
PRODUCT NO. SERIES 9332



**5V SECTION**  
PRODUCT NO. SERIES 9334



**8V SECTION**  
PRODUCT NO. SERIES 9336

Part No.	Belt O.C. (In.)
3V250	25.0
3V265	26.5
3V280	28.0
3V300	30.0
3V315	31.5
3V335	33.5
3V355	35.5
3V375	37.5
3V400	40.0
3V425	42.5
3V450	45.0
3V475	47.5
3V500	50.0
3V530	53.0
3V560	56.0
3V600	60.0
3V630	63.0
3V670	67.0
3V710	71.0
3V750	75.0
3V790	79.0
3V800	80.0
3V810	81.0
3V850	85.0
3V900	90.0
3V950	95.0
3V1000	100.0
3V1060	106.0
3V1120	112.0
3V1180	118.0
3V1250	125.0
3V1320	132.0
3V1400	140.0

Part No.	Belt O.C. (In.)
5V500	50.00
5V560	56.00
5V600	60.00
5V630	63.00
5V670	67.00
5V710	71.00
5V750	75.00
5V800	80.00
5V850	85.00
5V900	90.00
5V950	95.00
5V1000	100.00
5V1060	106.00
5V1120	112.00
5V1180	118.00
5V1250	125.00
5V1320	132.00
5V1400	140.00
5V1500	150.00
5V1600	160.00
5V1700	170.00
5V1800	180.00
5V1900	190.00
5V2000	200.00
5V2120	212.00
5V2240	224.00
5V2360	236.00
5V2500	250.00
5V2650	265.00
5V2800	280.00
5V3000	300.00
5V3150	315.00
5V3350	335.00
5V3550	355.00

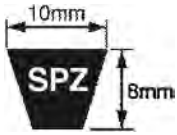
Part No.	Belt O.C. (In.)
8V1000	100.0
8V1060	106.0
8V1120	112.0
8V1180	118.0
8V1250	125.0
8V1320	132.0
8V1400	140.0
8V1500	150.0
8V1600	160.0
8V1700	170.0
8V1800	180.0
8V1900	190.0
8V2000	200.0
8V2120	212.0
8V2240	224.0
8V2360	236.0
8V2500	250.0
8V2650	265.0
8V2800	280.0
8V3000	300.0
8V3150	315.0
8V3350	355.0
8V3550	355.0
8V3750	375.0
8V4000	400.0
8V4250	425.0
8V4500	450.0
8V4750	475.0
8V5000	500.0
8V5600	560.0

# HEAVY DUTY V-BELTS

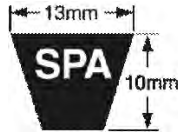
INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

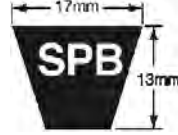
## SUPER HC® FULL PROFILE ISO STANDARD



**SECTION SPZ**  
(10 X 8MM) STANDARD  
PRODUCT NO. SERIES 9331



**SECTION SPA**  
(13 X 10MM) STANDARD  
PRODUCT NO. SERIES 9333



**SECTION SPB**  
(16 X 13MM) STANDARD  
PRODUCT NO. SERIES 9335



**SECTION SPC**  
(22 X 18MM) STANDARD  
PRODUCT NO. SERIES 9335

Part No.	Pitch mm ISO
SPZ560	560
SPZ612	612
SPZ670	670
SPZ687	687
SPZ730	730
SPZ750	750
SPZ775	775
SPZ825	825
SPZ850	850
SPZ900	900
SPZ950	950
SPZ1030	1030
SPZ1060	1060
SPZ1090	1090
SPZ1112	1112
SPZ1120	1120
SPZ1150	1150
SPZ1180	1180
SPZ1215	1215
SPZ1250	1250
SPZ1287	1287
SPZ1320	1320
SPZ1337	1337
SPZ1360	1360
SPZ1387	1387
SPZ1400	1400
SPZ1437	1437
SPZ1450	1450
SPZ1462	1462
SPZ1500	1500
SPZ1550	1550
SPZ1587	1587
SPZ1600	1600
SPZ1612	1612
SPZ1637	1637
SPZ1700	1700
SPZ1750	1750
SPZ1787	1787
SPZ1837	1837
SPZ1850	1850
SPZ1900	1900
SPZ1950	1950
SPZ2000	2000
SPZ2060	2060
SPZ2120	2120
SPZ2180	2180
SPZ2240	2240
SPZ2430	2430
SPZ2500	2500
SPZ2900	2900
SPZ3000	3000
SPZ3150	3150
SPZ3350	3350
SPZ3550	3550

Part No.	Pitch mm ISO
SPA1000	1000
SPA1132	1132
SPA1207	1207
SPA1232	1232
SPA1250	1250
SPA1400	1400
SPA1450	1450
SPA1457	1457
SPA1532	1532
SPA1550	1550
SPA1557	1557
SPA1600	1600
SPA1650	1650
SPA1657	1657
SPA1732	1732
SPA1782	1782
SPA1800	1800
SPA1832	1832
SPA1857	1857
SPA1932	1932
SPA2032	2032
SPA2060	2060
SPA2082	2082
SPA2120	2120
SPA2132	2132
SPA2180	2180
SPA2207	2207
SPA2240	2240
SPA2300	2300
SPA2360	2360
SPA2430	2430
SPA2500	2500
SPA2782	2782
SPA2900	2900
SPA3000	3000
SPA3150	3150
SPA3350	3350
SPA3550	3550
SPA3750	3750
SPA4000	4000
SPA4250	4250
SPA4500	4500
SPA5000	5000

Part No.	Pitch mm ISO
SPB1800	1800
SPB1900	1900
SPB2000	2000
SPB2120	2120
SPB2240	2240
SPB2360	2360
SPB2400	2400
SPB2450	2450
SPB2500	2500
SPB2650	2650
SPB2800	2800
SPB3000	3000
SPB3150	3150
SPB3250	3250
SPB3350	3350
SPB3450	3450
SPB3500	3500
SPB3550	3550
SPB3750	3750
SPB4000	4000
SPB4250	4250
SPB4500	4500
SPB4750	4750
SPB5000	5000
SPB5300	5300
SPB5600	5600
SPB6000	6000
SPB6300	6300
SPB6700	6700
SPB7100	7100
SPB7500	7500
SPB8000	8000

Part No.	Pitch mm ISO
SPC2000	2000
SPC2120	2120
SPC2240	2240
SPC2360	2360
SPC2500	2500
SPC2650	2650
SPC2800	2800
SPC3000	3000
SPC3150	3150
SPC3350	3350
SPC3550	3550
SPC3750	3750
SPC4000	4000
SPC4250	4250
SPC4500	4500
SPC4750	4750
SPC5000	5000
SPC5300	5300
SPC5600	5600
SPC6000	6000
SPC6300	6300
SPC6500	6500
SPC6700	6700
SPC7100	7100
SPC7500	7500
SPC8000	8000
SPC8500	8500
SPC9000	9000
SPC9500	9500
SPC10000	10000
SPC10600	10600
SPC11200	11200
SPC11800	11800

# SUPER HC® PLUS VEXTRA™



Revolutionary Super HC® Plus Vextra™ belt has 33% longer life, lesser maintenance and downtime.

### FEATURES/ADVANTAGES

- Dual printing
- Superior flexibility

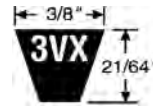
- Ideal for backside idler
- More compact, saves space and "lighter" drive
- Longer life thus cost saving
- Lower your inventory costs and reduce heat buildup

## SUPER HC® PLUS VEXTRA™ (DUAL PRINT)

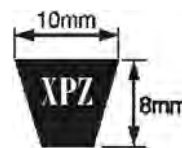
XPZ/3VX 10MM TOP WIDTH  
PRODUCT NO. SERIES 9490

Part No.	RMA Equ. 3VX
XPZ560	-
XPZ612	-
XPZ621	-
XPZ630	250
XPZ637	-
XPZ662	-
XPZ670	265
XPZ687	-
XPZ710	280
XPZ722	-
XPZ730	-
XPZ737	-
XPZ750	-
XPZ760	300
XPZ762	-
XPZ772	-
XPZ787	-
XPZ800	315
XPZ812	-
XPZ825	-
XPZ837	-
XPZ850	335
XPZ862	-
XPZ875	-
XPZ887	-
XPZ900	355
XPZ912	-
XPZ925	-
XPZ937	-
XPZ950	375
XPZ962	-
XPZ975	-
XPZ987	-
XPZ1000	-
XPZ1010	400
XPZ1012	-
XPZ1024	-
XPZ1025	-
XPZ1030	-
XPZ1037	-
XPZ1047	-
XPZ1060	-
XPZ1077	-
XPZ1080	425
XPZ1087	-
XPZ1100	-
XPZ1112	-
XPZ1120	-
XPZ1140	450
XPZ1150	-
XPZ1162	-

Part No.	RMA Equ. 3VX
XPZ1180	-
XPZ1187	-
XPZ1200	-
XPZ1212	475
XPZ1222	-
XPZ1237	-
XPZ1250	-
XPZ1262	-
XPZ1270	-
XPZ1287	500
XPZ1312	-
XPZ1320	-
XPZ1337	-
XPZ1340	-
XPZ1345	-
XPZ1347	530
XPZ1362	-
XPZ1387	-
XPZ1400	-
XPZ1412	-
XPZ1420	-
XPZ1437	560
XPZ1450	-
XPZ1462	-
XPZ1487	-
XPZ1500	-
XPZ1512	-
XPZ1520	-
XPZ1537	600
XPZ1550	-
XPZ1562	-
XPZ1587	-
XPZ1600	-
XPZ1612	-
XPZ1637	-
XPZ1650	-
XPZ1662	-
XPZ1687	-
XPZ1700	-
XPZ1737	670
XPZ1750	-
XPZ1762	-
XPZ1782	-
XPZ1800	-
XPZ1812	710
XPZ1837	-
XPZ1850	-
XPZ1862	-
XPZ1887	-
XPZ1900	-
XPZ1937	750

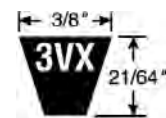


Part No.	RMA Equ. 3VX
XPZ1950	-
XPZ1987	-
XPZ2000	-
XPZ2030	800
XPZ2060	-
XPZ2120	-
XPZ2160	830
XPZ2240	-
XPZ2280	900
XPZ2410	950
XPZ2500	-



METRIC POWER  
PRODUCT NO. SERIES 9426

Part No.	RMA Equ. 3VX
XPZ2037	800
XPZ2087	-
XPZ2137	-
XPZ2287	-
XPZ2300	-
XPZ2360	-
XPZ2437	-
XPZ2487	-
XPZ2540	1000
XPZ2650	-
XPZ2800	-
XPZ2840	1120
XPZ3000	1180



3VX 10MM TOP WIDTH  
PRODUCT NO. SERIES 9412

Part No.	Belt O.C. (in.)
3VX1000	100.0
3VX1060	106.0
3VX1120	112.0
3VX1180	118.0
3VX1250	125.0
3VX1320	132.0

\* Longer sizes available in Metric Power/Super HC MN

\* For other 3VX/5VX belts, pls refer to pg 6

# HEAVY DUTY V-BELTS

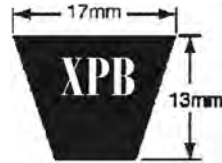
INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## SUPER HC® PLUS VEXTRA™



SUPER HC® PLUS VEXTRA™  
XPA 13MM TOP WIDTH  
PRODUCT NO. SERIES 9491

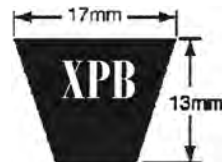


SUPER HC® PLUS VEXTRA™ (DUAL PRINT)  
XPB/5VX 16MM TOP WIDTH DUAL PRINT  
PRODUCT NO. SERIES 9492

Part No.	Part No.
XPA732	XPA1400
XPA747	XPA1407
XPA757	XPA1432
XPA770	XPA1450
XPA782	XPA1457
XPA800	XPA1482
XPA810	XPA1500
XPA820	XPA1507
XPA832	XPA1532
XPA850	XPA1550
XPA857	XPA1557
XPA882	XPA1582
XPA900	XPA1600
XPA907	XPA1607
XPA925	XPA1632
XPA932	XPA1650
XPA950	XPA1657
XPA957	XPA1682
XPA975	XPA1700
XPA982	XPA1732
XPA1000	XPA1750
XPA1007	XPA1757
XPA1030	XPA1782
XPA1060	XPA1800
XPA1080	XPA1807
XPA1090	XPA1832
XPA1107	XPA1850
XPA1120	XPA1857
XPA1132	XPA1882
XPA1140	XPA1900
XPA1150	XPA1907
XPA1157	XPA1932
XPA1180	XPA1950
XPA1207	XPA1957
XPA1215	XPA1982
XPA1232	XPA2000
XPA1250	XPA2032
XPA1272	XPA2060
XPA1282	XPA2082
XPA1307	XPA2120
XPA1320	XPA2132
XPA1332	XPA2182
XPA1357	XPA2240
XPA1382	XPA2300

Part No.	RMA Equ. 5VX
XPB1130	450.0
XPB1180	470.0
XPB1230	-
XPB1250	490.0
XPB1260	500.0
XPB1280	510.0
XPB1320	-
XPB1340	530.0
XPB1360	540.0
XPB1380	550.0
XPB1400	-
XPB1410	560.0
XPB1430	570.0
XPB1460	580.0
XPB1480	590.0
XPB1500	-
XPB1510	600.0
XPB1540	610.0
XPB1590	630.0
XPB1600	-

Part No.	RMA Equ. 5VX
XPB1640	650.0
XPB1660	660.0
XPB1690	670.0
XPB1700	-
XPB1740	680.0
XPB1800	700.0
XPB1840	730.0
XPB1870	740.0
XPB1900	750.0
XPB2000	-
XPB2020	800.0
XPB2040	810.0
XPB2100	830.0
XPB2120	840.0
XPB2150	850.0
XPB2160	-
XPB2170	860.0
XPB2220	880.0
XPB2240	-
XPB2280	900.0



XPB  
METRIC POWER FOR LENGTH  
ABOVE 2300MM

Part No.	RMA Equ. 5VX
XPB2300	-
XPB2360	-
XPB2410	950.0
XPB2500	-
XPB2530	-
XPB2650	-
XPB2680	-
XPB2800	-
XPB2990	1180.0
XPB3000	-

5VX SECTION 5/8"  
PRODUCT NO. SERIES 9414

Part No.	Belt O.C.
5VX930	93.0
5VX950	95.0
5VX960	96.0
5VX1000	100.0
5VX1030	103.0
5VX1060	106.0
5VX1080	108.0
5VX1120	112.0
5VX1150	115.0
5VX1180	118.0

Part No.	Belt O.C.
5VX1230	123.0
5VX1250	125.0
5VX1320	132.0
5VX1400	140.0
5VX1500	150.0
5VX1600	160.0
5VX1700	170.0
5VX1800	180.0
5VX1900	190.0
5VX2000	200.0

## SUPER HC® POWERBAND® BELTS

The PowerBand construction allows multiple belts to function as a single unit, with even load distribution and each strand fitting securely in the sheave groove.

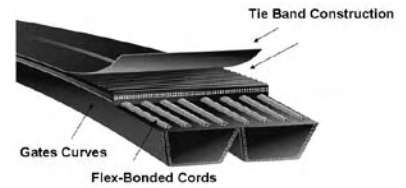
### MARKETS/APPLICATIONS

Recommended for multiple V-belt drives exposed to pulsating or heavy shock loads which can make belts whip, turn over or jump off the drive.

### FEATURES/ADVANTAGES

- The **Tie Band** assures high lateral rigidity, guiding the belt in a straight line and preventing it from coming off the drive.
- **Concave sidewalls** provide proper cord support and full contact with the sheave-groove for equal loading and uni form wear.

- **Flex-Bonded Cord** are strongly bonded to the body of the belt resulting in equal load distribution and absorption of bending stress with out cord deterioration.



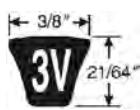
- Meets RMA **oil and heat** resistant standards.
- Meets RMA **static conductivity** requirements.

#### Notes :

Minimum order quantities are not required on lengths listed. Gates Super HC® Power Band® belts with six strands or more may require lead time.

#### Recommended Sheaves

Super HC® Sheaves



**3V SECTION**  
P/N SERIES 9385



**5V SECTION**  
P/N SERIES 9386



**8V SECTION**  
P/N SERIES 9387



**SPB SECTION (METRIC)**  
P/N SERIES 9381



**SPC SECTION (METRIC)**  
P/N SERIES 9381



**15J SECTION**  
P/N SERIES 9386

Part No.
3V300
3V315
3V335
3V355
3V375
3V400
3V425
3V450
3V475
3V500
3V530
3V560
3V600
3V630
3V670
3V710
3V750
3V800
3V850
3V900
3V950
3V1000
3V1060
3V1120
3V1180
3V1250
3V1320
3V1400
3V1600

Part No.
5V500
5V530
5V560
5V600
5V630
5V670
5V710
5V750
5V800
5V850
5V900
5V950
5V1000
5V1060
5V1120
5V1180
5V1250
5V1320
5V1400
5V1500
5V1600
5V1700
5V1800
5V1900
5V2000
5V2120
5V2240
5V2360
5V2500
5V2650
5V2800
5V3000
5V3150
5V3350
5V3550

Part No.
8V1000
8V1060
8V1120
8V1180
8V1250
8V1320
8V1400
8V1500
8V1600
8V1700
8V1800
8V1900
8V2000
8V2120
8V2240
8V2360
8V2500
8V2650
8V2800
8V3000
8V3150
8V3350
8V3550
8V3750
8V4000
8V4250
8V4500
8V4750
8V5000
8V5600
8V6000

Part No.
SPB2120
SPB2240
SPB2360
SPB2500
SPB2650
SPB2800
SPB3000
SPB3150
SPB3350
SPB3550
SPB3750
SPB4000
SPB4250
SPB4500
SPB4750
SPB5000
SPB5300
SPB5600
SPB6000
SPB6300
SPB6700
SPB7100
SPB7500
SPB8000

Part No.
SPC3000
SPC3150
SPC3350
SPC3550
SPC3750
SPC4000
SPC4250
SPC4500
SPC4750
SPC5000

Part No.
15J1250
15J1320
15J1400
15J1500
15J1600
15J1700
15J1800
15J1900
15J2000
15J2120
15J2240
15J2360
15J2500
15J2650
15J2800
15J3000
15J3150
15J3350
15J3550
15J3750
15J4000
15J4250
15J4500
15J4750
15J5000
15J5300
15J5600
15J6000
15J6300
15J6700
15J7100
15J7500
15J8000
15J8500
15J9000



**9J SECTION**  
P/N SERIES 9385

Part No.
9J1250
9J1320
9J1400
9J1500
9J1600
9J1700
9J1800
9J1900
9J2000
9J2120
9J2240
9J2360
9J2500
9J2650
9J2800
9J3000
9J3150
9J3350
9J3550

\* 3V PowerBand® belts up to 3V790 are available up to 22 strands. 3V800 and longer are available up to 30 strands.

\* 5V PowerBand® belts are available in 2,3,4,5,6 up to 18 strands.

\* 8V PowerBand® belts up to 8V1400 are available up to 11 strands. 8V1500 and longer are available up to 12 strands.

\* SPB, SPC, 9J, 15J PowerBand belts are available up to 16 strands. List price for 7 Strands and above available upon request.

\*The part number is constructed by placing the number of strands required followed by a slash (/) in front of the belt size. For example, 5/5V1400 represents a 5V1400 with 5 strands.

## SUPER HC<sup>®</sup> MOLDED NOTCH POWERBAND<sup>®</sup> BELTS

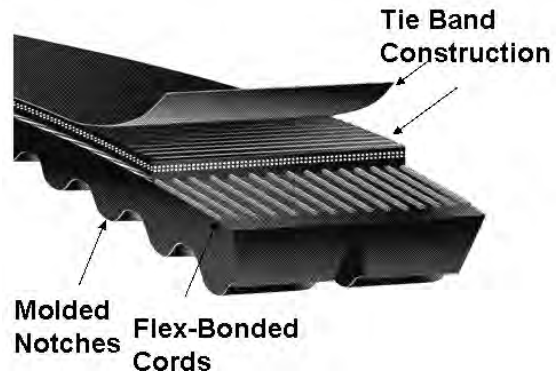
The PowerBand construction allows multiple belts to function as a single unit, with even load distribution and each strand fitting securely in the sheave groove.

### MARKETS/APPLICATIONS

Recommended for multiple V-belt drives exposed to pulsating or heavy shock loads which can make belts whip, turn over or jump off the drive.

### FEATURES/ADVANTAGES

- The **Tie Band** assures high lateral rigidity, guiding the belt in a straight line and preventing it from coming off the drive.
- **Notches molded** into the belt during manufacturing make this belt well suited for drives with smaller diameter sheaves.
- **Flex-Bonded Cord** are strongly bonded to the body of the belt resulting in equal load distribution and absorption of bending stress without cord deterioration.
- Meets RMA **oil and heat** resistant standards.
- Meets RMA **static conductivity** requirements.



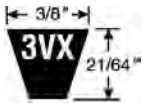
**Recommended Sheaves**  
Super HC<sup>®</sup> Sheaves

### Notes

Minimum order quantities are not required on lengths listed. Gates Super HC<sup>®</sup> PowerBand<sup>®</sup> belts with six strands or more may require lead time. The part number is constructed by placing the number of strands required followed by a slash (/) in front of the belt size.

**For example, 3/3VX600 represents a 3VX600 with 3 strands.**

## SUPER HC<sup>®</sup> MOLDED NOTCH POWERBAND<sup>®</sup> BELTS



**3VX SECTION**  
P/N SERIES 9388



**5VX SECTION**  
P/N SERIES 9386

Part No.	Part No.	Part No.	Part No.
3VX250	3VX630	5VX500	5VX1250
3VX265	3VX670	5VX530	5VX1320
3VX280	3VX710	5VX560	5VX1400
3VX300	3VX750	5VX600	5VX1500
3VX315	3VX800	5VX630	5VX1600
3VX335	3VX850	5VX670	5VX1700
3VX355	3VX900	5VX710	5VX1800
3VX375	3VX950	5VX750	5VX1900
3VX400	3VX1000	5VX800	5VX2000
3VX425	3VX1060	5VX850	
3VX450	3VX1120	5VX900	
3VX475	3VX1180	5VX950	
3VX500	3VX1250	5VX1000	
3VX530	3VX1320	5VX1060	
3VX560	3VX1400	5VX1120	
3VX600		5VX1180	

\* 3VX PowerBand<sup>®</sup> belts are available up to 22 strands.

\* 5VX PowerBand<sup>®</sup> belts are available up to 13 strands.



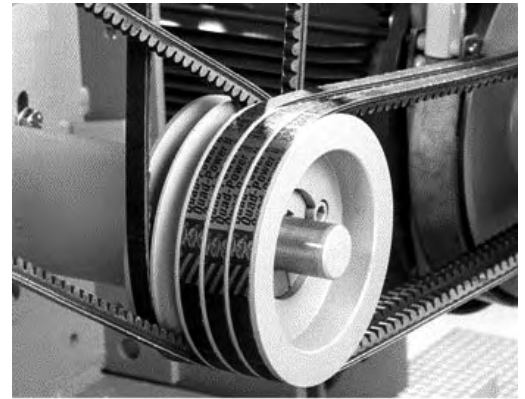
## QUAD-POWER II V-BELTS

### MARKETS/APPLICATIONS

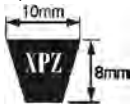
Top of the range narrow V-belt for heavy-duty industrial drives. Improved resistance to outside bends allows the use of back idlers. The new optimized notch profile makes the belt runs smoothly in the pulley groove.

### FEATURES/ADVANTAGES

- Precision-ground sidewalls give an uniform wedging action.
- Fire-loaded electronic compound withstands heat, ozone and sunlight.
- Flex-bonded polyester tensile cords are vulcanized as one solid unit, increasing the belt's resistance to tensile and flexing forces.
- Double Flex-Weave textile backing protects the belts against wear, especially when back idlers are used.
- Cross-cords improve belt stability.
- Belt will not catch fire from heat build-up and even with severe slippage.



### QUAD-POWER II V-BELTS



**SECTION XPZ (10 X 8MM)**  
P/N SERIES 9411

Part No.	Part No.
XPZ630	XPZ1090
XPZ637	XPZ1112
XPZ662	XPZ1120
XPZ670	XPZ1137
XPZ687	XPZ1140
XPZ710	XPZ1150
XPZ722	XPZ1162
XPZ730	XPZ1180
XPZ737	XPZ1187
XPZ750	XPZ1200
XPZ760	XPZ1202
XPZ762	XPZ1212
XPZ772	XPZ1237
XPZ787	XPZ1250
XPZ800	XPZ1262
XPZ812	XPZ1270
XPZ837	XPZ1280
XPZ850	XPZ1285
XPZ862	XPZ1287
XPZ875	XPZ1312
XPZ887	XPZ1320
XPZ900	XPZ1337
XPZ912	XPZ1340
XPZ925	XPZ1362
XPZ937	XPZ1400
XPZ950	XPZ1412
XPZ962	XPZ1420
XPZ975	XPZ1450
XPZ980	XPZ1487
XPZ987	XPZ1500
XPZ1000	XPZ1512
XPZ1010	XPZ1520
XPZ1012	XPZ1537
XPZ1030	XPZ1550
XPZ1037	XPZ1587
XPZ1060	XPZ1600
XPZ1062	XPZ1650
XPZ1077	XPZ1687
XPZ1080	XPZ1700
XPZ1087	XPZ1750



**SECTION XPA (13 X 10MM)**  
P/N SERIES 9413

Part No.	Part No.
XPA690	XPA1357
XPA747	XPA1360
XPA757	XPA1367
XPA782	XPA1382
XPA800	XPA1400
XPA832	XPA1450
XPA850	XPA-1457
XPA857	XPA1482
XPA882	XPA1500
XPA900	XPA1507
XPA907	XPA1532
XPA925	XPA1550
XPA932	XPA1582
XPA950	XPA1600
XPA957	XPA1650
XPA975	XPA1657
XPA982	XPA1680
XPA1000	XPA1700
XPA1007	XPA1750
XPA1030	XPA1800
XPA1060	XPA1850
XPA1082	XPA1900
XPA1090	XPA1950
XPA1107	XPA2000
XPA1120	XPA2060
XPA1140	XPA2120
XPA1150	XPA2240
XPA1157	XPA2360
XPA1180	XPA2430
XPA1207	XPA2500
XPA1215	XPA2650
XPA1232	XPA2800
XPA1250	XPA3000
XPA1257	XPA3150
XPA1282	XPA3350
XPA1285	XPA3550
XPA1307	XPA3750
XPA1320	XPA4000
XPA1332	



**SECTION XPC (22 X 18MM)**  
P/N SERIES 9410

Part No.
XPC 2000
XPC 2120
XPC 2240
XPC 2360
XPC 2500
XPC 2650
XPC 2800
XPC 3000
XPC 3150
XPC 3350
XPC 3550
XPC 3750
XPC 4000
XPC 4250
XPC 4500
XPC 4750



**SECTION XPB (16 X 10MM)**  
P/N SERIES 9419

Part No.	Part No.
XPB1250	XPB2120
XPB1260	XPB2150
XPB1320	XPB2240
XPB1340	XPB2280
XPB1400	XPB2360
XPB1410	XPB2410
XPB1450	XPB2500
XPB1500	XPB2530
XPB1510	XPB2650
XPB1550	XPB2680
XPB1590	XPB2800
XPB1600	XPB2840
XPB1650	XPB2990
XPB1690	XPB3000
XPB1700	XPB3150
XPB1750	XPB3350
XPB1800	XPB3550
XPB1850	XPB3750
XPB1900	XPB4000
XPB1950	XPB4250
XPB2000	XPB4500
XPB2020	XPB4750

\* MOQ may apply for non-stock items.

## PREDATOR® BELTS

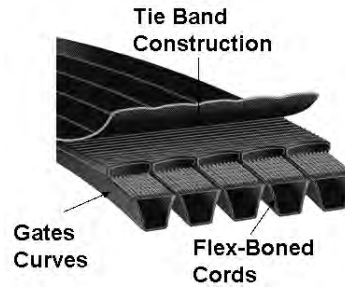
Specifically designed for aggressive applications, this extra heavy-duty belt construction provides extraordinary high impact strength, capacity and wear resistance.

### MARKETS/APPLICATIONS

Predator belts are well suited as replacement belts for applications exposed to pulsating or heavy shock loads, such as mining, agriculture, wood processing, oil field equipment, heavy construction and sand/gravel operations.

### FEATURES/ADVANTAGES

- Aramid Tensile Cords combine limited stretch with extraordinary strength and durability that is pound-for-pound stronger than steel.
- Bareback Cover resists debris and allows the belt to slip under extreme shock load conditions, reducing heat buildup and prolonging belt life.
- Multiple layer Tie Band provides excellent lateral rigidity to prevent belts from turning over or from coming off of the drive.



- Gates Curves provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- Meets RMA oil and heat resistant standards.

### Notes

Minimum order quantities are not required on lengths listed. Check with Customer Service for availability. Predator® belts listed may require manufacturing lead time. When application required Predator® PowerBand® belt sets, request belts with same group/match number. Predator® belts do not meet RMA requirements for belt static conductivity. The part number is constructed by placing the number of strands required followed by a slash (/) in front of the belt size. For example, 5/8VP3000 represents an 8VP3000 with 5 strands.

### PREDATOR® BELTS



**CP SECTION**  
P/N SERIES 9184

Part No.	Belt O.C. (In.)
CP85	89.0
CP90	94.0
CP99	103.0
CP105	109.0

\* CP Predator™ Belts are available up to 10 strands.



**5VP SECTION**  
P/N SERIES 9181

Part No.	Belt O.C. (In.)
5VP600	60.0
5VP670	67.0
5VP700	70.0
5VP710	71.0
5VP750	75.0
5VP800	80.0
5VP850	85.0
5VP870	87.0
5VP900	90.0
5VP920	92.0
5VP950	95.0
5VP1000	100.0
5VP1060	106.0
5VP1120	112.0
5VP1180	118.0
5VP1250	125.0
5VP1320	132.0
5VP1320	132.0
5VP1400	140.0
5VP1500	150.0
5VP1600	160.0
5VP1700	170.0
5VP1800	180.0
5VP1900	190.0
5VP2000	200.0
5VP2120	212.0
5VP2240	224.0
5VP2500	250.0
5VP3000	300.0

\* 5VP Predator™ Belts are available up to 16 strands.



**8VP SECTION**  
P/N SERIES 9182

Part No.	Belt O.C. (In.)
8VP1180	118.0
8VP1250	125.0
8VP1320	132.0
8VP1500	150.0
8VP1600	160.0
8VP1700	170.0
8VP1800	180.0
8VP1900	190.0
8VP2000	200.0
8VP2120	212.0
8VP2240	224.0
8VP2360	236.0
8VP2500	250.0
8VP2650	265.0
8VP2800	280.0
8VP3000	300.0
8VP3150	315.0
8VP3550	355.0
8VP3750	375.0
8VP4250	425.0
8VP4500	450.0
8VP5000	500.0

\* 8VP Predator™ Belts are available up to 16 strands.



**3VP SECTION**  
P/N SERIES 9180

Part No.	Belt O.C. (In.)
3VP475	47.5
3VP500	50.0
3VP560	56.0
3VP630	63.0
3VP630	63.0
3VP710	71.0
3VP750	75.0
3VP850	85.0
3VP950	95.0

\* 3VP Predator™ Belts are available up to 10 strands.

## PREDATOR® SINGLE BELTS

Specifically designed for aggressive applications, this extra heavy-duty belt construction provides extraordinary high impact strength, capacity and wear resistance.

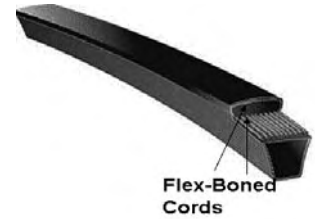
### MARKETS/APPLICATIONS

Predator belts are well suited as replacement belts for applications exposed to pulsating or heavy shock loads, such as mining, agriculture, wood processing, oil field equipment, heavy construction and sand/gravel operations.

### FEATURES/ADVANTAGES

- Aramid Tensile Cords combine limited stretch with extraordinary strength and durability that is pound-for-pound stronger than steel.

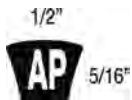
- Bareback Cover resists debris and allows the belt to slip under extreme shock load conditions, reducing heat buildup and prolonging belt life.
- Gates Curves provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- Meets RMA oil and heat resistant standards.



### Notes

Minimum order quantities are not required on lengths listed. Check with Customer Service for availability. Predatorâ belts listed may require manufacturing lead time. When application required Predatorâ belt sets, request belts with same group/match number. Predatorâ belts do not meet RMA requirements for belt static conductivity.

## PREDATOR® SINGLE BELTS



AP SECTION  
PRODUCT NO. SERIES 9185

Part No.	Part No.
AP31	AP54
AP33	AP55
AP35	AP56
AP38	AP58
AP40	AP59
AP42	AP59
AP44	AP60
AP45	AP61
AP46	AP62
AP47	AP63
AP48	AP64
AP50	AP66
AP51	AP68
AP52	AP70
AP53	AP71



BP SECTION  
PRODUCT NO. SERIES 9186

Part No.	Part No.
AP85	BP38
AP87	BP40
AP90	BP42
	BP44
	BP46
	BP48
	BP50
	BP51
	BP52
	BP53
	BP54
	BP55
	BP56
	BP57
	BP58



CP SECTION  
P/N SERIES 9187

Part No.	Part No.
BP144	CP85
BP158	CP90
BP173	CP96
BP195	CP100
	CP105
	CP112
	CP120
	CP128
	CP136
	CP144
	CP158
	CP162
	CP173
	CP180
	CP195



5VP SECTION  
PRODUCT NO. SERIES 9188

Part No.	Part No.
5VP800	5VP1900
5VP850	5VP2000
5VP900	5VP2120
5VP950	5VP2240
5VP1000	5VP2360
5VP1060	5VP2500
5VP1120	5VP2650
5VP1180	5VP2800
5VP1250	5VP3000
5VP1320	5VP3150
5VP1400	5VP3350
5VP1500	5VP3550
5VP1600	
5VP1700	
5VP1800	



8VP SECTION  
PRODUCT NO. SERIES 9189

Part No.
8VP1600
8VP1700
8VP1800
8VP1900
8VP2000
8VP2120
8VP2240
8VP2360
8VP2500
8VP2650
8VP2800
8VP3000
8VP3150
8VP3350
8VP3550



SPBP SECTION  
PRODUCT NO. SERIES 9190

Part No.	Part No.
SPB1500P	SPB3550P
SPB1600P	SPB3750P
SPB1700P	SPB4000P
SPB1800P	SPB4250P
SPB1900P	SPB4500P
SPB2000P	SPB4750P
SPB2120P	SPB5000P
SPB2240P	SPB5300P
SPB2360P	SPB5600P
SPB2500P	SPB6000P
SPB2650P	SPB6300P
SPB2800P	SPB6700P
SPB3000P	SPB7100P
SPB3150P	SPB7500P
SPB3350P	SPB8000P



SPCP SECTION  
P/N SERIES 9191

Part No.	Part No.
SPC2000P	AP54
SPC2120P	SPC4750P
SPC2240P	SPC5000P
SPC2360P	SPC5300P
SPC2500P	SPC5600P
SPC2650P	SPC6000P
SPC2800P	SPC6300P
SPC3000P	SPC6700P
SPC3150P	SPC7100P
SPC3350P	SPC7500P
SPC3550P	SPC8000P
SPC3750P	SPC8500P
SPC4000P	SPC9000P
SPC4250P	
SPC4500P	

## VULCO POWER™ II BELTS

### MARKETS/APPLICATIONS

Suitable for all maintenance and repair operations.

### FEATURES/ADVANTAGES

- Concave Sidewalls provide more wedging effect.
- Textile cover protects against abrasion.
- Resistant to oil, heat, ozone, sunlight, weather and ageing.
- Static conductive.
- Polyester tensile member withstands recurrent shock loads.
- Good resistance to temperature variations between -40°C to +80°C.
- V80® feature provides matched sets advantages.



### VULCO POWER™ II

#### A SECTION PRODUCT NO. SERIES 9421

Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)
A23	24	A72	73
A24	25	A73	74
A25	26	A74	75
A26	27	A75	76
A27	28	A76	77
A28	29	A77	78
A29	30	A78	79
A30	31	A79	80
A31	32	A80	81
A32	33	A81	82
A33	34	A82	83
A34	35	A83	84
A35	36	A84	85
A36	37	A85	86
A37	38	A86	87
A38	39	A87	88
A39	40	A88	89
A40	41	A89	90
A41	42	A90	91
A42	43	A91	92
A43	44	A92	93
A44	45	A93	94
A45	46	A94	95
A46	47	A95	96
A47	48	A96	97
A48	49	A97	98
A49	50	A98	99
A50	51	A99	100
A51	52	A100	101
A52	53	A101	102
A53	54	A102	103
A54	55	A103	104
A55	56	A104	105
A56	57	A105	106
A57	58	A106	107
A58	59	A107	108
A59	60	A108	109
A60	61	A109	110
A61	62	A110	111
A62	63	A111	112
A63	64	A112	113
A64	65	A113	114
A65	66	A114	115
A66	67	A115	116
A67	68	A116	117
A68	69	A117	118
A69	70	A118	119
A70	71	A119	120
A71	72	A120	121

#### B SECTION PRODUCT NO. SERIES 9422

Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)
A121	122	B26	28	B75	77	B124	126	B173	175
A122	123	B27	29	B76	78	B125	127	B174	176
A123	124	B28	30	B77	79	B126	128	B175	177
A124	125	B29	31	B78	80	B127	129	B176	178
A125	126	B30	32	B79	81	B128	130	B177	179
A126	127	B31	33	B80	82	B129	131	B178	180
A127	128	B32	34	B81	83	B130	132	B179	181
A128	129	B33	35	B82	84	B131	133	B180	182
A129	130	B34	36	B83	85	B132	134	B181	183
A130	131	B35	37	B84	86	B133	135	B182	184
A131	132	B36	38	B85	87	B134	136	B183	185
A132	133	B37	39	B86	88	B135	137	B184	186
A133	134	B38	40	B87	89	B136	138	B185	187
A134	135	B39	41	B88	90	B137	139	B186	188
A135	136	B40	42	B89	91	B138	140	B187	189
A136	137	B41	43	B90	92	B139	141	B188	190
A137	138	B42	44	B91	93	B140	142	B189	191
A138	139	B43	45	B92	94	B141	143	B190	192
A139	140	B44	46	B93	95	B142	144	B191	193
A140	141	B45	47	B94	96	B143	145	B192	194
A141	142	B46	48	B95	97	B144	146	B193	195
A142	143	B47	49	B96	98	B145	147	B194	196
A143	144	B48	50	B97	99	B146	148	B195	197
A144	145	B49	51	B98	100	B147	149	B196	198
A148	149	B50	52	B99	101	B148	150	B197	199
A158	159	B51	53	B100	102	B149	151	B198	200
		B52	54	B101	103	B150	152	B199	201
		B53	55	B102	104	B151	153	B200	202
		B54	56	B103	105	B152	154	B201	203
		B55	57	B104	106	B153	155	B202	204
		B56	58	B105	107	B154	156	B203	205
		B57	59	B106	108	B155	157	B204	206
		B58	60	B107	109	B156	158	B205	207
		B59	61	B108	110	B157	159	B206	208
		B60	62	B109	111	B158	160	B207	209
		B61	63	B110	112	B159	161	B208	210
		B62	64	B111	113	B160	162	B209	211
		B63	65	B112	114	B161	163	B210	212
		B64	66	B113	115	B162	164	B211	213
		B65	67	B114	116	B163	165	B212	214
		B66	68	B115	117	B164	166	B213	215
		B67	69	B116	118	B165	167	B214	216
		B68	70	B117	119	B166	168		
		B69	71	B118	120	B167	169		
		B70	72	B119	121	B168	170		
		B71	73	B120	122	B169	171		
		B72	74	B121	123	B170	172		
		B73	75	B122	124	B171	173		
		B74	76	B123	125	B172	174		

\* MOQ may apply for non stock items.

\* O.C. = belt circumference (outside length)



## HI-POWER® II V-BELTS

Featuring a composite, multi-purpose construction, these belts resist oil and heat, ozone, sunlight, weather and aging.

### MARKETS/APPLICATIONS

Suitable for all industrial applications, including V-flat drives.

### FEATURES/ADVANTAGES

- Gates Curves provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- Flex-Bonded Cords are strongly bonded to body of the belt resulting in equal load distribution and the absorption

of bending stress without cord deterioration.

- The Flex-Weave Cover is a patented construction for longer Cover life, providing extended protection to The core of the belt from oil, dirt and heat.
- Meets RMA oil and heat resistant standards.



### Recommended Sheaves

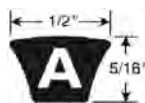
Multi-Duty Sheaves

### Notes

Gates Hi-Power® belts are available in A, B, C, D and E cross sections.

## HI POWER™ II V-BELTS

### A SECTION PRODUCT NO. SERIES 9002



Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)
A24	26	A77	79	A167	169
A25	27	A78	80	A173	175
A26	28	A79	81	A180	182
A27	29	A80	82	A200	202
A28	30	A81	83		
A29	31	A82	84		
A30	32	A83	85		
A31	33	A84	86		
A32	34	A85	87		
A33	35	A86	88		
A34	36	A87	89		
A35	37	A88	90		
A36	38	A89	91		
A37	39	A90	92		
A38	40	A91	93		
A39	41	A92	94		
A40	42	A93	95		
A41	43	A94	96		
A42	44	A95	97		
A43	45	A96	98		
A44	46	A97	99		
A45	47	A98	100		
A46	48	A99	101		
A47	49	A100	102		
A48	50	A101	103		
A49	51	A102	104		
A50	52	A103	105		
A51	53	A104	106		
A52	54	A105	107		
A53	55	A106	108		
A54	56	A108	110		
A55	57	A110	112		
A56	58	A112	114		
A57	59	A113	115		
A58	60	A115	117		
A59	61	A118	120		
A60	62	A120	122		
A61	63	A124	126		
A62	64	A126	128		
A63	65	A128	130		
A64	66	A130	132		
A65	67	A131	133		
A66	68	A133	135		
A67	69	A136	138		
A68	70	A140	142		
A69	71	A144	146		
A70	72	A148	150		
A71	73	A150	150		
A72	74	A158	160		
A73	75	A166	168		
A74	76				
A75	77				
A76	78				

### B SECTION PRODUCT NO. SERIES 9003



Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)
B28	31	B78	81	B130	133
B29	32	B79	82	B131	134
B30	33	B80	83	B132	135
B31	34	B81	84	B133	136
B32	35	B83	86	B134	137
B33	36	B84	87	B135	138
B34	37	B85	88	B136	139
B35	38	B86	89	B137	140
B36	39	B87	90	B138	141
B37	40	B88	91	B139	142
B38	41	B89	92	B140	143
B39	42	B90	93	B142	145
B40	43	B91	94	B144	147
B41	44	B92	95	B145	148
B42	45	B93	96	B146	149
B43	46	B94	97	B148	151
B44	47	B95	98	B150	153
B45	48	B96	99	B152	155
B46	49	B97	100	B153	156
B47	50	B99	102	B154	157
B48	51	B100	103	B155	158
B49	52	B101	104	B158	161
B50	53	B102	105	B160	163
B51	54	B103	106	B162	165
B52	55	B104	107	B166	166
B53	56	B105	108	B168	171
B54	57	B106	109	B170	173
B55	58	B107	110	B173	176
B56	59	B108	111	B175	178
B57	60	B109	112	B177	180
B58	61	B110	113	B180	183
B59	62	B111	114	B185	188
B60	63	B112	115	B188	191
B61	64	B113	116	B190	193
B62	65	B114	117	B195	198
B63	66	B115	118	B200	203
B64	67	B116	119	B205	208
B65	68	B117	120	B210	213
B66	69	B118	121	B215	218
B67	70	B119	122	B195	198
B68	71	B120	123	B205	208
B69	72	B121	124	B210	213
B70	73	B122	125	B215	218
B71	74	B123	126	B220	223
B72	75	B124	127	B225	226
B73	76	B125	128	B240	241
B74	77	B126	129	B255	256
B75	78	B127	130	B270	271
B76	79	B128	131	B275	276
B77	80	B129	132	B285	286
				B300	301
				B315	316
				B360	361

\* MOQ may apply for non stock items.

\* O.C. = belt circumference (outside length)

# HEAVY DUTY V-BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## HI POWER™ II V-BELTS



**C SECTION**  
PRODUCT NO. SERIES 9004

Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)	Part No.	Belt O.C. (In.)
C45	49	C104	108	C170	174
C48	52	C105	109	C173	177
C50	54	C106	110	C175	179
C51	55	C107	111	C180	184
C53	57	C108	112	C185	189
C55	59	C109	113	C187	193
C57	61	C110	114	C190	194
C58	62	C111	115	C195	199
C60	64	C112	116	C200	204
C60	64	C113	117	C205	208
C61	65	C114	117	C210	214
C62	66	C115	119	C215	219
C63	67	C116	120	C220	224
C64	68	C117	121	C222	226
C65	69	C118	122	C225	227
C66	70	C119	123	C230	234
C67	71	C120	124	C240	242
C68	72	C122	126	C250	254
C69	73	C123	127	C255	257
C70	74	C124	128	C270	272
C71	75	C125	129	C285	287
C72	76	C126	130	C296	298
C73	77	C127	131	C300	302
C74	78	C128	132	C315	317
C75	79	C130	134	C330	332
C76	80	C132	136	C345	347
C77	81	C133	137	C360	362
C78	82	C134	138	C390	392
C79	83	C135	139	C420	422
C80	84	C136	140		
C81	85	C137	141		
C82	86	C138	142		
C83	87	C140	144		
C84	88	C142	146		
C85	89	C144	148		
C86	90	C145	149		
C87	91	C146	150		
C88	92	C148	152		
C89	93	C149	153		
C90	94	C150	154		
C91	95	C151	155		
C92	96	C152	156		
C93	97	C153	157		
C94	98	C154	158		
C95	99	C155	159		
C96	100	C156	160		
C97	101	C158	162		
C98	102	C160	164		
C99	103	C162	166		
C100	104	C164	168		
C101	105	C165	169		
C102	196	C166	170		
C103	107	C168	172		



**D SECTION**  
PRODUCT NO. SERIES 9005

Part No.	Belt O.C. (In.)
D105	110
D110	115
D112	117
D120	125
D124	129
D128	133
D130	135
D132	137
D136	141
D140	145
D144	149
D146	151
D150	155
D158	163
D162	167
D170	175
D173	178
D180	185
D195	200
D200	205
D210	215
D225	228
D240	243
D250	253
D255	258
D270	273
D285	288
D300	303
D315	318
D330	333
D345	348
D360	363
D390	393
D420	423
D441	444
D450	453
D480	483
D540	543
D600	603
D660	663



**E SECTION**  
PRODUCT NO. SERIES 9006

Part No.	Belt O.C. (In.)
E180	187
E195	202
E210	217
E240	244
E270	274
E285	289
E300	304
E325	329
E330	334
E360	364
E370	374
E390	394
E420	424
E435	439
E441	445
E480	484
E540	544
E600	604
E660	664

\* Non-stock items, MOQ applies  
\* O.C. = belt circumference (outside length)

## HI-POWER® II POWERBAND® V-BELTS

The PowerBand contraction allows multiple belts to function as a single unit, with even load distribution and each strand fitting securely in the sheave groove.

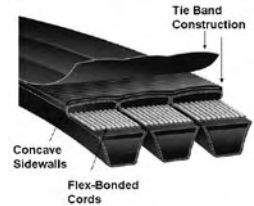
### MARKETS/APPLICATIONS

Recommended for drives where single belts vibrate, turn over or jump of the drive.

### FEATURES/ADVANTAGES

- The **Tie Band** assures high lateral rigidity, guiding the belt in a straight line and preventing it from coming off the drive.
- **Concave sidewalls** provide proper cord support and full contact with the sheave-groove for equal loading and uniform wear.

- **Flex-Bonded Cord** are strongly bonded to the body of the belt resulting in equal load distribution and absorption of bending stress with out cord deterioration.
- Meets RMA oil and heat resistant standards.
- Meets RMA static conductivity requirements.



**Recommended Sheaves**  
Multi-Duty Sheaves (B,C,D)

### Notes

Minimum order quantities are not required on B, C, and D section PowerBandâ belts for lengths listed. PowerBandâ belts with six strands or more may require lead time. "A" section PowerBandâ belts may be Made-To-Order and require minimum order quantities, Check with Customer Service for availability. **The part number is constructed by placing the number of strands required followed by a slash (/) in front of the belt size.** For e.g., 5/B66 represents a B66 with 5 strands.

## HI-POWER® II POWERBAND® V-BELTS



**A SECTION**  
PDT. SERIES 9092

Part No. A Section	Belt O.C.
A42	38
A43	44
A44	45
A46	46
A48	48
A49	50
A50	51
A51	52
A53	53
A54	55
A55	56
A56	57
A57	58
A58	59
A60	60
A62	62
A64	64
A65	66
A66	67
A68	68
A70	70
A71	72
A74	73
A75	76
A77	77
A78	79
A80	80
A81	82
A83	83
A85	85
A90	87
A92	92
A96	94
A99	98
A100	101
A105	102
A110	107
A112	112
A120	114
A128	122
A136	130
A144	138
A158	146
A173	160
A180	175



**B SECTION**  
PDT. SERIES 9093

Part No. B Section	Belt O.C.
B35	38
B36	39
B38	41
B41*	44
B42	45
B43	46
B44*	47
B46	49
B48	51
B49*	52
B50	53
B51	54
B52	55
B53	56
B54	57
B55	58
B56	59
B57	60
B58	61
B59	62
B60	63
B61	64
B62	65
B63	66
B64	67
B65	68
B66	69
B67	70
B68	71
B69*	72
B70	73
B71	74
B72	75
B73	76
B74	77
B75	78
B76*	79
B77	80
B78	81
B79	82
B80	83
B81	84
B82	85
B83	86
B84*	87

Part No. A Section	Belt O.C.
B85	88
B86*	88
B87	89
B88	90
B89*	91
B90	92
B91*	93
B92*	94
B93	95
B94*	96
B95	97
B96	98
B97	99
B99	100
B100	102
B102*	103
B103	105
B105	106
B108	108
B112	111
B114	115
B115*	117
B116*	118
B118	119
B120	121
B122*	123
B124	125
B126*	127
B128	129
B133	131
B136	136
B140*	139
B144	143
B146*	147
B148	149
B150	151
B154	153
B158	157
B160*	161
B162	163
B173	165
B175*	175
B178*	178
B180	181
B185	183

Part No. A Section	Belt O.C.
B195	198
B199*	202
B204*	207
B210	213
B218*	221
B225	226
B240	241
B255	256
B270	271
B300	301
B315*	316



**C SECTION**  
PDT. SERIES 9094

Part No. A Section	Belt O.C.
C60	64
C68	72
C75	79
C81	85
C85	89
C90	94
C96	100
C99	103
C100	104
C105	109
C108	112
C109	113
C112	116
C115	119
C120	124
C124	128
C128	132
C136	140
C144	148
C158	162
C162	166
C173	177
C180	184
C195	199
C210	214
C225	227
C240	242
C255	257
C270	272
C285	287
C300	302
C315	317
C330	332
C345	347
C360	362
C390	392
C420	422



**D SECTION**  
PDT. SERIES 9095

Part No. A Section	Belt O.C.
D144	149
D158	163
D173	178
D180	185
D195	200
D210	215
D225	228
D240	243
D255	258
D270	273
D285	288
D300	303
D315	318
D330	333
D345	348
D360	363
D390	393
D420	423
D450	453
D480	483
D540	543
D600	603
D660	663

\* "A" section available up to 20 strands.  
"A" section made-to-order requires MOQ.

\* New sizes  
"B" section are available up to 16 strands

"C" section PowerBand Belts are available up to 12 strands.

"D" section PowerBand Belts are available up to 7 strands in sizes up to 180".





## HI-POWER® II DUBL-V BELTS

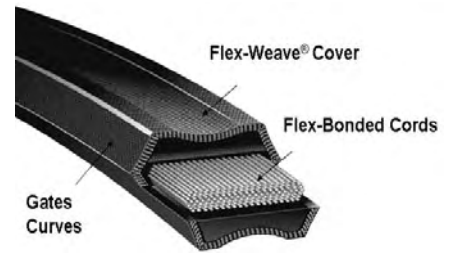
This belt is designed with an unique recessed top and bottom to maintain sidewall contact, while remaining flexible for drives that require power transmission from both sides of the belt.

### MARKETS/APPLICATIONS

Suitable for all industrial serpentine applications requiring rotation reversal on some driven shafts.

### FEATURES/ADVANTAGES

- **Gates Curves** provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- **Flex-Bonded Cords** are strongly bonded to body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- The **Flex-Weave® Cover** is a patented construction for longer cover life, providing extended protection to the core of the belt from oil, dirt and heat.
- Meets RMA **oil and heat** resistant standards.
- Meets RMA **static conductivity** requirements.



### Recommended Sheaves

Multi-Duty Sheaves

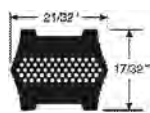
### Notes

Dubl-V belts in AA, BB, CC and DD cross sections.

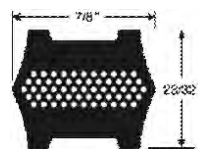
## HI-POWER® II DUBL-V BELTS



**AA SECTION**  
PDT. SERIES 9052



**BB SECTION**  
PDT. SERIES 9053



**CC SECTION**  
PDT. SERIES 9054



**DD SECTION**  
PDT. SERIES 9055

Part No.	Belt O.C. (in.)
AA51	53
AA55	57
AA60	62
AA62	64
AA64	66
AA68	70
AA75	77
AA80	82
AA85	87
AA90	92
AA92	94
AA96	98
AA105	107
AA111	113
AA112	114
AA114	116
AA120	122
AA128	130

Part No.	Belt O.C. (in.)
BB35	38
BB38	41
BB42	45
BB43	46
BB45	48
BB46	49
BB51	54
BB53	56
BB55	58
BB57	60
BB60	63
BB64	64
BB68	71
BB70	73
BB71	74
BB73	76
BB74	77
BB75	78
BB76	79
BB78	81
BB80	83
BB81	84
BB82	85
BB83	86
BB85	88
BB90	93
BB92	95
BB93	96
BB94	97
BB95	98
BB96	99
BB97	100

Part No.	Belt O.C. (in.)
BB100	103
BB105	108
BB107	110
BB108	111
BB111	114
BB112	115
BB116	119
BB118	121
BB120	123
BB122	125
BB123	126
BB124	127
BB127	130
BB129	132
BB130	133
BB136	139
BB144	147
BB155	158
BB158	161
BB162	165
BB168	171
BB190	193
BB195	198
BB210	213
BB226	227
BB228	229
BB230	231
BB240	241
BB270	271
BB277	278
BB300	301

Part No.	Belt O.C. (in.)
CC75	79
CC81	85
CC85	89
CC90	94
CC96	100
CC105	109
CC112	116
CC120	124
CC128	132
CC136	140
CC144	148
CC154	158
CC158	162
CC162	166
CC166	170
CC173	177
CC180	184
CC195	199
CC210	214
CC240	242
CC254	256
CC270	272
CC300	302
CC330	332
CC360	362
CC390	392
CC420	422

Part No.	Belt O.C. (in.)
DD210	215
DD270	275
DD300	305
DD360	365

## POWER CURVE™ BELTS

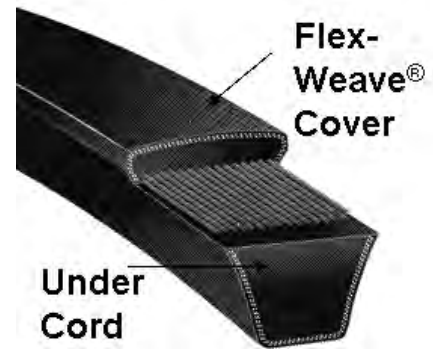
The conveyor turn is a demanding application in which V-belts face varying degrees of transverse bending. The Gates Power Curve™ belt was specifically engineered to handle the bending and twisting of this demanding application.

### MARKETS/APPLICATIONS

Recommended for power turn conveyor beds and automotive manufacturing conveyors.

### FEATURES/ADVANTAGES

- Unique **under cord** construction allows greater than four times the flexibility of Gates standard B section belt.
- Gates patented **Flex-Weave® Cover** increases flexibility and reduces cover stress for longer life.
- Meets RMA **oil and heat** resistant standards.



**Recommended Sheaves**  
Multi-Duty Sheaves

### Notes

Power Curve™ belts are available in B cross sections.

## POWERCURVE BELT

**B SECTION**  
**PRODUCT NO. SERIES 9003**

Part No. B	Belt O.C. (In.)	Part No. B	Belt O.C. (In.)
B112PC	115	B225PC	226
B116PC	119	B248PC	241
B120PC	123	B255PC	256
B124PC	127	B270PC	271
B128PC	131	B285PC	286
B133PC	136	B300PC	301
B136PC	139	B315PC	316
B140PC	143	B330PC	331
B144PC	147	B345PC	346
B150PC	153	B360PC	361
B154PC	157	B375PC	376
B158PC	161	B390PC	391
B162PC	165	B405PC	406
B173PC	176	B420PC	421
B180PC	183	B430PC	431
B190PC	193	B445PC	446
B195PC	198	B460PC	461
B205PC	208	B500PC	501
B210PC	213		
3V1400	140		

# HEAVY DUTY V-BELTS

INDUSTRIAL BELTS

## MICRO-V® BELTS

Exclusive truncated (shortened) profile Gates Micro-V® belts increased flexibility, reduced heat buildup and allows performance at higher speeds on smaller diameter sheaves.

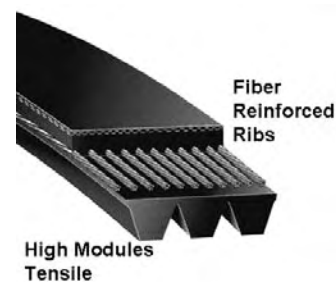
### MARKETS/APPLICATIONS

Well-suited for applications such as appliances, outdoor power equipment, roller conveyors, machine tools, medical equipment and exercise equipment.

### FEATURES/ADVANTAGES

- **Fiber Reinforced Ribs** for excellent wear resistance.
- **High Modulus, low stretch tensile member** for added strength and dependability.

- Smooth running for minimal vibration at high speed.
- Up to 80% higher horse power capacity than RMA standard.
- Meets RMA **oil and heat** resistant standards.
- Meets RMA **static conductivity** requirements.

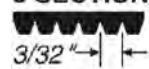


**Recommended Sheaves**  
Taper-Lock® Micro-V® Sheaves

**Notes :** Minimum order quantities are not required on lengths listed. The part number is constructed by using the effective length in tenths of an inch, followed by cross section and number of ribs. For example 780L16 represents a 78" effective length, L cross section and 16 ribs. Ribs configuration are Standard/Non-Stock and may require manufacturing lead times.

## INDUSTRIAL MICRO-V® BELTS

### J SECTION



J SECTION  
PRODUCT NO. SERIES 9173 & 9470

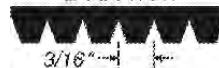
Size		Max No. of Ribs
RMA (inch)	DIN/ISO (mm)	
130J	-	100
140J	-	100
150J	-	100
160J	PJ406	100
170J	PJ432	100
180J	PJ457	100
190J	PJ483	100
200J	PJ508	100
210J	-	100
220J	PJ559	100
230J	PJ584	100
240J	PJ610	100
250J	-	100
254J	-	100
260J	PJ660	100
270J	-	100
280J	PJ711	100
285J	PJ723	124
290J	PJ737	100
300J	PJ762	124
310J	-	212
320J	PJ813	212
330J	PJ838	212
340J	PJ864	212
350J	-	212
360J	PJ914	212
370J	-	212
374J	-	212
376J	PJ955	124
380J	PJ965	212
400J	PJ1016	124
410J	PJ1041	124
415J	-	212
420J	PJ1067	212
430J	PJ1092	124
435J	PJ1105	124
437J	PJ1110	124
440J	PJ1118	212
442J	PJ1123	124
445J	PJ1130	124
447J	PJ1136	124
453J	PJ1150	124
460J	PJ1168	212

Micro V J-section belts are configuration of 4/6/8/10/16

Size		Max No. of Ribs
RMA (inch)	DIN/ISO (mm)	
470J	PJ1194	124
473J	PJ1200	124
480J	PJ1222	212
485J	PJ1233	124
490J	PJ1244	212
497J	PJ1262	124
500J	PJ1270	124
504J	PJ1280	124
510J	-	212
512J	PJ1300	124
515J	PJ1309	124
520J	PJ1321	212
525J	PJ1333	124
530J	-	212
534J	PJ1355	124
540J	PJ1371	212
550J	PJ1397	212
562J	PJ1428	124
567J	PJ1439	124
580J	PJ1473	212
610J	PJ1549	212
630J	PJ1600	124
650J	PJ1651	124
655J	PJ1663	124
690J	PJ1752	124
730J	PJ1854	108
746J	PJ1895	108
752J	PJ1910	108
760J	PJ1930	108
770J	PJ1956	108
780J	PJ1981	108
784J	PJ1992	108
820J	PJ2083	108
870J	PJ2210	108
920J	PJ2337	108
980J	PJ2489	108

available in standard & 20 ribs.

### L SECTION



L SECTION  
PDT NO. SERIES 9173 & 9472

Size		Max No. of Ribs
RMA (inch)	DIN/ISO (mm)	
375L	PL954	61
390L	PL991	61
423L	PL1075	61
500L	PL1270	105
525L	PL1333	61
540L	PL1371	105
550L	PL1397	61
560L	PL1422	105
615L	PL1562	105
635L	PL1613	105
655L	PL1664	105
675L	PL1715	105
695L	PL1765	105
710L	PL1803	53
725L	PL1842	105
765L	PL1943	105
780L	PL1981	105
795L	PL2019	105
815L	PL2070	105
825L	PL2096	53
840L	PL2134	105
865L	PL2197	105
880L	PL2235	53
915L	PL2324	60
930L	PL2362	60
975L	PL2475	60
990L	PL2515	60
1065L	PL2705	60
1080L	PL2743	60
1120L	PL2845	60
1140L	PL2896	60
1150L	PL2921	60
1180L	PL2997	60
1215L	PL3086	60
1230L	PL3124	60
1295L	PL3289	60
1310L	PL3327	60
1375L	PL3493	60
1455L	PL3696	60
1595L	PL4051	60
1610L	PL4089	60
1820L	PL4622	65

Micro V L-section belts are available in standard configuration of 6/8/10/12/14/16/18/20 ribs.

### M SECTION



M SECTION  
PRODUCT NO. SERIES 9174

Size		Max No. of Ribs
RMA (inch)	DIN/ISO (mm)	
900M	PM2286	30
940M	PM2388	30
990M	PM2515	30
1060M	PM2693	30
1115M	PM2832	30
1150M	PM2921	30
1185M	PM3010	30
1230M	PM3124	30
1310M	PM3327	30
1390M	PM3531	30
1470M	PM3734	30
1550M	PM3937	30
1610M	PM4089	30
1650M	PM4191	30
1760M	PM4470	30
1830M	PM4648	30
1980M	PM5029	30
2130M	PM5410	30
2410M	PM6121	34
2560M	PM6502	30
2710M	PM6883	30
3010M	PM7646	30
3310M	PM8408	27
3610M	PM6169	30
3910M	PM3910	30

Micro V M-section belts are available in standard configuration of 6/8/10/12/14/16/18/20 ribs.

# HEAVY DUTY V-BELTS

INDUSTRIAL BELTS

## MULTI-SPEED® BELTS

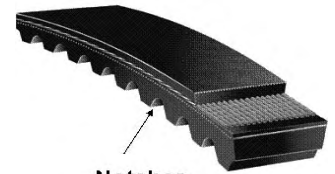
Multi-Speed belts are made in banded or bandless construction featuring high-modules, fiber-loaded stock that offers transverse rigidity and flexibility at the same time. This results in higher load carrying capacity and long belt life.

### MARKETS/APPLICATIONS

Suitable for all industrial, wide-speed range open pulley or enclosed device variable speed drives.

### FEATURES/ADVANTAGES

- **Notch Design** reduces thermal and bending stresses for longer life.
- **Smooth Running** construction for minimal vibration at high speed.
- Meets RMA **oil and heat** resistant standards.



Notches

### Notes

HV in the part number denotes Heavy Construction, which has a thickness of .700+.

Product No. Prefix	Construction
9800	Banded
9804	Bandless
9833	Bandless/Aramid Tensile

Additional sizes may be available on a Made-To-Order basis.

### Minimum Order Quantities for MTO Multi-Speed Belts

Size Range	Min. Quantity
1228V-1632V	42
1822V-2332V	28
2422V-2930V	20
3028V-3636V	16
3726V-4436V	12

Manufacturing variations may cause actual ship quantity to vary ±10% from these figures. Orders must be for a minimum of the quantities shown, or multiples thereof.

## MULTI-SPEED BELTS (VARIABLE SPEED)

### PRODUCT NO. SERIES 9804

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
1228V255	26.1	3/4	28
a 1230V341	34.6	3/4	30
1230V348	35.3	3/4	30
1330V242	24.7	13/16	30
a 1422V235	24.0	7/8	22
1422V240	24.7	7/8	22
1422V270	27.7	7/8	22
1422V290	29.6	7/8	22
1422V300	30.7	7/8	22
1422V302	30.9	7/8	22
1422V330	33.7	7/8	22
1422V340	34.6	7/8	22
1422V360	36.7	7/8	22
1422V400	40.8	7/8	22
1422V420	42.8	7/8	22
a 1422V440	44.5	7/8	22
1422V460	46.5	7/8	22
1422V466	47.0	7/8	22
a 1422V470	47.5	7/8	22
1422V480	48.7	7/8	22
1422V540	54.8	7/8	22
1422V600	60.7	7/8	22
1422V660	66.7	7/8	22
1422V720	72.7	7/8	22
1422V780	78.7	7/8	22
1426V298	30.4	7/8	26
1426V299	30.5	7/8	26
1426V328	33.3	7/8	26
1426V362	36.7	7/8	26
a 1430V215	21.8	7/8	30
a 1430V315	32.0	7/8	30
1430V375	38.0	7/8	30
a 1430V450	45.6	7/8	30
a 1430V500	50.5	7/8	30
a 1524V301	30.6	15/16	24
1526V264	27.0	15/16	26
1526V294	30.0	15/16	26
1528V298	30.3	15/16	28
1528V326	33.1	15/16	28
1528V360	36.5	15/16	28

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
1528V414	41.9	15/16	28
a 1622V270	27.5	1	22
1622V297	30.2	1	22
1622V307	31.1	1	22
a 1622V336	34.1	1	22
1622V520	52.5	1	22
1626V262	26.7	1	26
1626V290	29.8	1	26
1626V293	30.0	1	26
1626V304	31.1	1	26
1626V330	33.8	1	26
1626V339	34.7	1	26
1626V380	38.5	1	26
1626V384	39.2	1	26
1626V395	40.3	1	26
1626V411	41.9	1	26
1626V428	43.3	1	26
1626V440	44.7	1	26
1626V455	46.2	1	26
1626V480	48.6	1	26
1626V513	51.8	1	26
1626V517	52.1	1	26
1626V597	60.6	1	26
1626V604	61.2	1	26
1626V658	66.7	1	26
1626V700	70.8	1	26
1628V210	21.2	1	28
1628V315	31.9	1	32
1632V210	21.7	1	28
1822V290	29.5	1 1/8	22
1822V328	33.5	1 1/8	22
1826V250	25.4	1 1/8	26
1828V368	37.6	1 1/8	28
* 1832V338	34.4	1 1/8	32
1922V256	26.4	1 3/16	22
1922V277	28.2	1 3/16	22
1922V282	29.0	1 3/16	22
1922V298	30.6	1 3/16	22
1922V302	30.8	1 3/16	22
1922V321	33.0	1 3/16	22
1922V332	34.0	1 3/16	22
* 1922V338	34.7	1 3/16	22
1922V363	37.1	1 3/16	22
1922V381	38.8	1 3/16	22
1922V386	39.3	1 3/16	22

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
1922V403	41.4	1 3/16	22
1922V417	42.5	1 3/16	22
1922V421	42.9	1 3/16	22
1922V426	43.4	1 3/16	22
1922V443	45.1	1 3/16	22
1922V454	46.2	1 3/16	22
1922V460	46.8	1 3/16	22
1922V484	49.2	1 3/16	22
1922V526	53.3	1 3/16	22
1922V544	55.1	1 3/16	22
1922V604	61.2	1 3/16	22
1922V630	63.6	1 3/16	22
1922V646	65.4	1 3/16	22
1922V666	67.4	1 3/16	22
1922V686	69.3	1 3/16	22
1922V706	71.3	1 3/16	22
1922V726	73.3	1 3/16	22
1922V751	75.8	1 3/16	22
1922V756	76.4	1 3/16	22
1922V806	81.3	1 3/16	22
1922V846	85.4	1 3/16	22
1922V891	89.8	1 3/16	22
a 1922V1006	101.3	1 3/16	22
1922V1026	103.2	1 3/16	22
1922V1146	115.4	1 3/16	22
1926V249	25.3	1 3/16	26
1926V250	25.7	1 3/16	26
1926V275	28.1	1 3/16	26
1926V333	33.9	1 3/16	26
1926V367	37.2	1 3/16	26
1926V376	38.8	1 3/16	26
1926V380	38.9	1 3/16	26
1926V390	39.6	1 3/16	26
1926V407	41.4	1 3/16	26
a 1926V415	42.1	1 3/16	26
a 1926V427	43.3	1 3/16	26
1926V507	51.4	1 3/16	26
1926V542	55.4	1 3/16	26
a 1930V355	36.1	1 3/16	30
1930V366	37.2	1 3/16	30
1930V375	38.1	1 3/16	30
1930V400	40.7	1 3/16	30
1930V425	43.1	1 3/16	30
1930V431	44.0	1 3/16	30
a 1930V450	45.6	1 3/16	30

# HEAVY DUTY V-BELTS

INDUSTRIAL BELTS

## MULTI-SPEED BELTS (VARIABLE SPEED)

PRODUCT NO. SERIES 9804

PRODUCT NO. SERIES 9800, 9802, 9804 AND 9833

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
a1930V475	48.1	1 3/16	30
1930V485	49.1	1 3/16	30
1930V491	50.0	1 3/16	30
a1930V500	50.6	1 3/16	30
1930V530	53.6	1 3/16	30
1930V541	55.0	1 3/16	30
1930V560	56.9	1 3/16	30
1930V585	59.1	1 3/16	30
1930V591	60.0	1 3/16	30
1930V600	60.6	1 3/16	30
a1930V630	63.6	1 3/16	30
1930V641	64.6	1 3/16	30
a1930V691	69.6	1 3/16	30
1930V750	75.6	1 3/16	30
a1930V791	79.6	1 3/16	30
a1930V800	80.6	1 3/16	30
a1930V850	85.6	1 3/16	30
1930V891	89.6	1 3/16	30
a1930V900	90.6	1 3/16	30
a1930V950	95.6	1 3/16	30
1930V991	99.6	1 3/16	30
a1930V1000	101.2	1 3/16	30
a1930V1060	106.6	1 3/16	30
1930V1091	109.6	1 3/16	30
a1930V1120	112.6	1 3/16	30
1930V1191	119.6	1 3/16	30
2026V422	43.0	1 1/4	26
a 2026V445	45.2	1 1/4	26
2026V474	48.2	1 1/4	26
2026V607	61.5	1 1/4	26
2030V381	38.5	1 1/4	30
a2126V297	30.4	1 5/16	26
2126V297	30.9	1 5/16	26
2126V307	31.4	1 5/16	26
2126V309	31.7	1 5/16	26
2126V365	37.4	1 5/16	26
a 2126V377	38.4	1 5/16	26
2126V468	47.7	1 5/16	26
2130V374	38.0	1 5/16	30
2226V307	31.2	1 3/8	26
2230V266	27.5	1 3/8	30
2230V273	27.9	1 3/8	30
2230V275	28.1	1 3/8	30
2230V326	33.5	1 3/8	30
2230V375	38.2	1 3/8	30
2322V329	33.4	1 7/16	22
2322V347	35.2	1 7/16	22
2322V364	37.2	1 7/16	22
2322V373	38.0	1 7/16	22
2322V384	39.3	1 7/16	22
2322V396	40.6	1 7/16	22
2322V421	42.9	1 7/16	22
2322V434	44.2	1 7/16	22
2322V441	45.1	1 7/16	22
2322V461	47.0	1 7/16	22
2322V481	49.2	1 7/16	22
2322V521	52.8	1 7/16	22
2322V541	55.1	1 7/16	22
2322V601	61.2	1 7/16	22
2322V621	63.0	1 7/16	22
2322V661	67.4	1 7/16	22
2322V681	68.8	1 7/16	22
2322V701	71.4	1 7/16	22
2322V721	73.4	1 7/16	22
2322V801	81.4	1 7/16	22
2322V826	83.5	1 7/16	22
2322V846	85.3	1 7/16	22
2322V886	89.5	1 7/16	22
2322V1001	101.4	1 7/16	22
2322V1061	106.8	1 7/16	22

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
2326V310	31.8	1 7/16	26
2326V359	36.6	1 7/16	26
2330V273	27.9	1 7/16	30
2330V338	34.6	1 7/16	30
2330V359	36.5	1 7/16	30
2330V537	54.6	1 7/16	30
2332V373	38.0	1 7/16	32
2422V570	57.7	1 1/2	22
2426V343	35.4	1 1/2	26
2428V707	71.6	1 1/2	28
2428V757	76.6	1 1/2	28
2428V807	81.6	1 1/2	28
2430V297	30.7	1 1/2	30
2430V302	30.9	1 1/2	30
2430V319	32.6	1 1/2	30
2430V345	35.2	1 1/2	30
2430V379	38.6	1 1/2	30
2430V419	42.6	1 1/2	30
2436V331	34.0	1 1/2	36
2526V302	30.7	1 9/16	26
2526V314	32.4	1 9/16	26
2526V366	37.3	1 9/16	26
2528V370	37.7	1 9/16	28
2530V300	31.0	1 9/16	26
2530V335	34.2	1 9/16	30
2530V470	47.7	1 9/16	30
2530V490	50.0	1 9/16	30
2530V500	50.9	1 9/16	30
2530V530	54.0	1 9/16	30
2530V550	56.0	1 9/16	30
2530V560	56.7	1 9/16	30
2530V575	58.5	1 9/16	30
2530V595	60.7	1 9/16	30
2530V600	60.7	1 9/16	30
2530V610	62.0	1 9/16	30
2530V618	62.5	1 9/16	30
2530V630	64.2	1 9/16	30
2530V660	67.0	1 9/16	30
2530V670	68.2	1 9/16	30
2530V680	68.7	1 9/16	30
2530V690	70.0	1 9/16	30
2530V700	71.0	1 9/16	30
2530V730	74.2	1 9/16	30
2530V740	75.0	1 9/16	30
2530V750	76.2	1 9/16	30
2530V790	80.0	1 9/16	30
2530V840	85.0	1 9/16	30
2530V850	85.7	1 9/16	30
2530V890	90.0	1 9/16	30
2530V934	94.4	1 9/16	30
2530V990	100.0	1 9/16	30
2530V1090	110.0	1 9/16	30
2530V1190	119.7	1 9/16	30
2530V1290	130.0	1 9/16	30
2530V1490	150.0	1 9/16	30
2530V1690	169.8	1 9/16	30
2626V369	37.4	1 5/8	26
2626V388	39.7	1 5/8	26
2630V345	35.3	1 5/8	30
2630V395	40.2	1 5/8	30
2636V332	34.0	1 5/8	36
2822V778	79.5	1 3/4	22
2826V412	41.9	1 3/4	26
2826V452	46.0	1 3/4	26
2830V337	34.8	1 3/4	30
2830V363	36.8	1 3/4	30
2830V366	37.2	1 3/4	30
2830V367	37.9	1 3/4	30
2830V393	39.9	1 3/4	30
2830V396	40.2	1 3/4	30

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
2830V422	42.7	1 3/4	30
2830V428	43.6	1 3/4	30
2830V492	50.1	1 3/4	30
2836V343	35.1	1 3/4	36
2836V350	35.8	1 3/4	36
2836V380	39.8	1 3/4	36
2926V366	37.5	1 13/16	26
2926V400	40.8	1 13/16	26
2926V426	43.5	1 13/16	26
2926V471	48.0	1 13/16	26
2926V477	48.5	1 13/16	26
2926V486	49.2	1 13/16	26
2926V491	50.0	1 13/16	26
2926V521	53.0	1 13/16	26
2926V534	54.2	1 13/16	26
2926V546	55.5	1 13/16	26
2926V574	58.3	1 13/16	26
2926V586	59.5	1 13/16	26
2926V606	61.5	1 13/16	26
2926V616	63.3	1 13/16	26
2926V636	64.4	1 13/16	26
2926V646	65.5	1 13/16	26
2926V666	67.5	1 13/16	26
2926V686	69.5	1 13/16	26
2926V706	71.5	1 13/16	26
2926V726	73.5	1 13/16	26
2926V776	78.5	1 13/16	26
2926V786	79.4	1 13/16	26
2926V834	84.2	1 13/16	26
2926V856	86.4	1 13/16	26
2926V891	90.0	1 13/16	26
2926V906	91.5	1 13/16	26
2926V966	97.5	1 13/16	26
2926V1006	101.5	1 13/16	26
2926V1026	103.6	1 13/16	26
2926V1086	109.6	1 13/16	26
2930V348	35.5	1 13/16	26
2930V492	50.0	1 13/16	26
2930V546	44.4	1 13/16	26
3028V386	39.4	1 7/8	28
3030V357	36.5	1 7/8	30
3030V377	38.7	1 7/8	30
3030V387	39.6	1 7/8	30
3036V351	36.0	1 7/8	36
3226V392	39.8	2	26
3226V400	41.1	2	26
3226V433	44.1	2	26
3226V439	44.7	2	26
3226V450	45.8	2	26
3226V465	47.2	2	26
3226V505	51.4	2	26
3226V514	52.3	2	26
3226V545	55.3	2	26
3226V585	59.4	2	26
3226V603	61.4	2	26
3226V650	65.9	2	26
3226V663	67.4	2	26
3226V690	69.8	2	26
3226V723	73.4	2	26
3226V783	79.5	2	26
3226V843	85.4	2	26
3226V903	91.4	2	26
3226V963	97.4	2	26
3226V1023	103.4	2	26
3226V1083	109.4	2	26
3230V419	42.7	2	30
3230V481	48.9	2	30
3230V560	56.8	2	30
3230V600	61.2	2	30
3230V630	63.8	2	30

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle
3230V670	67.8	2	30
3230V701	70.9	2	30
3230V710	71.8	2	30
3230V850	85.8	2	30
3230V871	87.9	2	30
3230V871	118.8	2	30
3236HV528	53.8	2	30
3236HV553	56.3	2	30
3236HV570	58.0	2	30
3236HV585	59.5	2	30
3236HV603	61.3	2	30
3236HV613	62.2	2	30
3236HV620	63.0	2	30
3236HV626	63.6	2	30
3236HV644	65.4	2	30
3236HV670	68.0	2	30
3236HV702	71.1	2	30
3236HV723	73.2	2	30
3236HV821	83.1	2	30
3230HV856	86.7	2	30
3230HV931	94.2	2	30
3236V369	37.7	2	36
3236V389	39.7	2	36
3236V432	44.2	2	36
3236V532	54.0	2	36
3236V552	56.0	2	36
3326V478	48.5	2 1/16	26
3428V451	46.0	2 1/8	28
3430V424	43.3	2 1/8	30
3430V476	48.8	2 1/8	30
3430V493	50.1	2 1/8	30
3432V450	45.8	2 1/8	32
3432V456	46.5	2 1/8	32
3432V480	48.8	2 1/8	32
3432V484	49.3	2 1/8	32
3432V528	53.4	2 1/8	32
3432V534	54.3	2 1/8	32
3436V404	41.3	2 1/8	36
3626V556	56.5	2 1/4	26
3630V455	46.4	2 1/4	30
3636V479	48.4	2 1/4	36
3726V558	56.9	2 5/16	26
3826V459	46.8	2 3/8	26
3826V465	47.5	2 3/8	26
3830V501	51.0	2 3/8	30
3830V510	52.0	2 3/8	30
3830V517	52.7	2 3/8	30
3830V580	59.0	2 3/8	30
3830V587	59.6	2 3/8	30
3836V418	42.7	2 3/8	36
3836V426	43.6	2 3/8	36
3836V654	66.3	2 3/8	36
3836V734	74.3	2 3/8	36
3836V794	80.4	2 3/8	36
4030V538	54.5	2 1/2	

# HEAVY DUTY V-BELTS

INDUSTRIAL BELTS

498-2207A

Effective Date: 01 January 2008

## MULTI-SPEED BELTS (VARIABLE SPEED)

PRODUCT NO. SERIES 9800, 9802, 9804 & 9833

GATES ISO SIZES  
METRIC - SIZES

SPECIAL GATES SIZES  
METRIC - SIZES

Part No.	Belt O.C. (in.)	Top Width (in.)	Angle	Part No.	Belt O.C. (in.)	Top Width (in.)	Angle	Part No.	Top Width (mm)	Thickness (mm)	Angle	Pitch Length (mm)	Part No.	Top Width (mm)	Thickness (mm)	Angle	Pitch Length (mm)
4430V610	62.0	2 3/4	30	5126V938	95.0	3 3/16	26	630W 16	16.6	5	24	630	13 x 6 x 600	13	6	26	600
4430V630	64.0	2 3/4	30	5130V732	74.6	3 3/16	30	710W 16	16.6	5	24	710	13 x 6 x 700	13	6	26	700
4430V652	66.2	2 3/4	30	5130V787	80.1	3 3/16	30	800W 16	16.6	5	24	800	13 x 6 x 800	13	6	26	800
4430V660	67.0	2 3/4	30	5228V930	94.4	3 1/4	28	900W 16	16.6	5	24	900	13 x 6 x 900	13	6	26	900
4430V670	68.0	2 3/4	30	5228V930	94.4	3 1/4	28	1000W 16	16.6	5	24	1000	23 x 8 x 525	23	8	26	525
4430V690	70.0	2 3/4	30	5230V662	67.3	3 1/4	30	630W 20	20.7	7	26	630	23 x 8 x 600	23	6.5	26	600
4430V700	71.0	2 3/4	30	5230V734	75.3	3 1/4	30	710W 20	20.7	6.5	26	710	23 x 8 x 650	23	6.5	26	650
4430V710	72.1	2 3/4	30	5230V867	88.3	3 1/4	30	800W 20	20.7	6.5	26	800	23 x 8 x 700	23	6.5	26	700
4430V718	72.8	2 3/4	30	5230V867	88.3	3 1/4	30	900W 20	20.7	6.5	26	900	23 x 8 x 750	23	6.5	26	750
4430V730	74.0	2 3/4	30	5636V750	76.4	3 1/2	36	1000W 20	20.7	6.5	26	1000	23 x 8 x 800	23	8	26	800
4430V740	75.0	2 3/4	30	5636V774	78.7	3 1/2	36	1120W 20	20.7	7	26	1120	23 x 8 x 850	23	6.5	26	850
4430V750	76.0	2 3/4	30	5830V756	76.9	3 5/8	30	1250W 20	20.7	6.5	26	1250	23 x 8 x 900	23	8	26	900
4430V760	77.0	2 3/4	30	5836V737	75.0	3 5/8	36	710W 25	25.9	8	26	710	23 x 8 x 950	23	8	26	950
4430V772	78.6	2 3/4	30	6036V761	77.7	3 3/4	36	800W 25	25.9	8	26	800	23 x 8 x 1000	23	8	26	1000
4430V780	79.0	2 3/4	30	6036V850	86.3	3 3/4	36	900W 25	25.9	8	26	900	23 x 8 x 1060	23	8	26	1060
4430V790	80.0	2 3/4	30	6236V694	70.8	3 7/8	36	1000W 25	25.9	8	26	1000	23 x 8 x 1120	23	8	26	1120
4430V850	86.0	2 3/4	30	6236V725	73.9	3 7/8	36	1120W 25	25.9	8	26	1120	23 x 8 x 1180	23	8	26	1180
4430V910	92.0	2 3/4	30	6263V762	77.6	3 7/8	36	1250W 25	25.9	8	26	1250	23 x 8 x 1250	23	8	26	1250
4430V970	98.0	2 3/4	30	6236V785	79.9	3 7/8	36	1400W 25	25.9	8	26	1400	23 x 8 x 1320	23	8	26	1320
4430V1000	101.1	2 3/4	30	6236V905	91.9	3 7/8	36	1600W 25	25.9	8	26	1600	23 x 8 x 1400	23	8	26	1400
4430V1030	104.0	2 3/4	30	6236V1321	133.4	3 7/8	36	900W 31.5	32.6	10	26	900	23 x 8 x 1500	23	8	26	1500
4430V1090	110.0	2 3/4	30					1000W 31.5	32.6	10	26	1000	28 x 9 x 650	28	9	26	650
4430V1150	116.0	2 3/4	30					1120W 31.5	32.6	10	26	1120	28 x 9 x 700	28	9	26	700
4430V1250	126.1	2 3/4	30					1250W 31.5	32.6	10	26	1250	28 x 9 x 750	28	9	26	750
4430V1320	133.0	2 3/4	30					1400W 31.5	32.6	10	26	1400	28 x 9 x 800	28	9	26	800
4430V1410	142.0	2 3/4	30					1600W 31.5	32.6	10	26	1600	28 x 9 x 850	28	9	26	850
4430V1460	147.0	2 3/4	30					1800W 31.5	32.6	10	26	1800	28 x 9 x 900	28	9	26	900
4430V1610	162.0	2 3/4	30					2000W 31.5	32.6	10	26	2000	28 x 9 x 950	28	9	26	950
44301810	182.0	2 3/4	30					1120W 40	41.5	10	28	1120	28 x 9 x 1000	28	9	26	1000
44301917	192.7	2 3/4	30					1250W 40	41.5	10	28	1250	28 x 9 x 1060	28	9	26	1060
4436V525	53.5	2 3/4	36					1400W 40	41.5	13	28	1400	28 x 9 x 1120	28	9	26	1120
4436V551	56.1	2 3/4	36					1600W 40	41.5	13	28	1600	28 x 9 x 1180	28	9	26	1180
4436V555	56.5	2 3/4	36					1700W 40	41.5	13	28	1700	28 x 9 x 1250	28	9	26	1250
4436V561	57.1	2 3/4	36					1800W 40	41.5	13	28	1800	28 x 9 x 1320	28	9	26	1320
4436V576	58.6	2 3/4	36					2000W 40	41.5	13	28	2000	28 x 9 x 1400	28	9	26	1400
4436V581	59.1	2 3/4	36					2240W 40	41.5	13	28	2240	28 x 9 x 1500	28	9	26	1500
4436V646	65.5	2 3/4	36					2500W 40	41.5	13	28	2500	28 x 9 x 1600	28	9	26	1600
4436V714	72.7	2 3/4	36					1400W 50	51.8	16	28	1400	37 x 10 x 800	37	10	28	800
4626V596	60.6	2 7/8	26					1600W 50	51.8	16	28	1600	37 x 10 x 850	37	10	28	850
4630V602	61.2	2 7/8	30					1800W 50	51.8	16	28	1800	37 x 10 x 900	37	10	28	900
4630V650	66.1	2 7/8	30					2000W 50	51.8	16	28	2000	37 x 10 x 950	37	10	28	950
4630V663	67.3	2 7/8	30					2240W 50	51.8	16	28	2240	37 x 10 x 1000	37	10	28	1000
4630V668	68.1	2 7/8	30					2500W 50	51.8	16	28	2500	37 x 10 x 1060	37	10	28	1060
4630V683	69.3	2 7/8	30					2800W 50	51.8	16	28	2800	37 x 10 x 1120	37	10	28	1120
4630V733	74.3	2 7/8	30					3150W 50	51.8	16	28	3150	37 x 10 x 1180	37	10	28	1180
4630V1070	108.1	2 7/8	30					1800W 63	65.3	20	30	1800	37 x 10 x 1250	37	10	28	1250
4632V722	73.5	2 7/8	32					2000W 63	65.3	20	30	2000	37 x 10 x 1320	37	10	28	1320
4636V613	62.2	2 7/8	36					2240W 63	65.3	20	30	2240	37 x 10 x 1400	37	10	28	1400
4830V602	61.1	3	30					2500W 63	65.3	20	30	2500	37 x 10 x 1500	37	10	28	1500
4830V614	62.5	3	30					2800W 63	65.3	20	30	2800	37 x 10 x 1600	37	10	28	1600
4830V653	66.4	3	30					3150W 63	65.3	20	30	3150	37 x 10 x 1700	37	10	28	1700
4830V692	70.3	3	30										37 x 10 x 1800	37	10	28	1800
4830V699	71.0	3	30										37 x 10 x 2000	37	10	28	2000
4830V730	74.1	3	30										37 x 10 x 2240	37	10	28	2240
4830V750	76.0	3	30										47 x 13 x 1000	47	13	28	1000
4830V850	86.0	3	30										47 x 13 x 1060	47	13	28	1060
4830V970	98.1	3	30										47 x 13 x 1120	47	13	28	1120
4830V1070	108.1	3	30										47 x 13 x 1180	47	13	28	1180
4836V588	59.8	3	36										47 x 13 x 1250	47	13	28	1250
4836V608	61.9	3	36										47 x 13 x 1320	47	13	28	1320
4836V618	63.4	3	36										47 x 13 x 1400	47	6.5	28	1400
4836V642	65.3	3	36										47 x 13 x 1500	47	6.5	28	1500
4836V655	66.6	3	36										47 x 13 x 1600	47	6.5	28	1600
4836V729	74.0	3	36										47 x 13 x 1700	47	6.5	28	1700
4836V789	80.0	3	36										47 x 13 x 1800	47	13	28	1800
4836V850	86.1	3	36										47 x 13 x 2000	47	6.5	28	2000
4836V1180	119.3	3	36										47 x 13 x 2240	47	8	28	2240

\* : Set of two

# NU-T-LINK® BELTING

Nu-T-Link® V-belting is designed for rapid installation in an assortment of lengths and operating conditions.

### MARKETS/APPLICATIONS

Suitable alternative to standard belts on all industrial applications and particularly suited to drives requiring link belting for ease of installation.

### FEATURES/ADVANTAGES

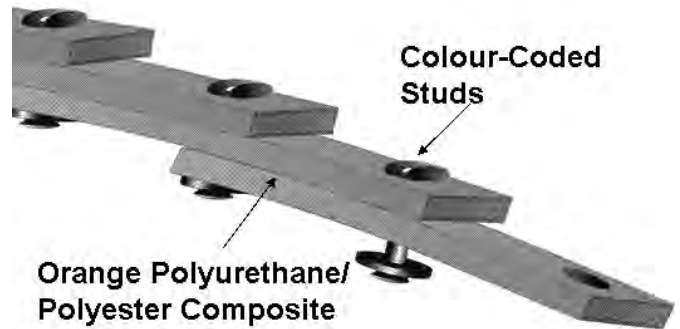
- **Colour Coded** studs make for easy identification and installation.
- **Orange Polyurethane / Polyester** composite resists oil, water, chemicals and heat (working temperature range: -40°F to +212°F (-40°C to +100°C.)
- May be assembled in as assortment of lengths to fit multiple drive configuration.

**Recommended Sheaves**  
Multi-Duty Sheaves

### Notes

Nu-T-Link is available in 50foot reels.  
The studs are colour coded: 0-Red; A-Silver; B-Green; C-Blue; D-Black; E-Black. Nu-T-Link does not meet RMA requirements for V-belt static conductivity. A Nu-T-Link assembly tool will be supplied free of charge with belting.

**WARNING:** Do **NOT** use with backside idlers.



## NU-T-LINK BELTING

### PRODUCT NO. SERIES 7760

Part No.	Cross Section	Top Width (In.)	Quantity Per Reel (Ft.)	Wt.Per 100 Ft. (g).
NTL/0	0	3/8	50	4,090.90
NTL/A	A	1/2	50	5,909.10
NTL/B	B	2-1/32	50	8,636.40
NTL/C	C	7/8	50	13,636.40
NTL/D	D	1-1/4	50	27,272.70
NTL/E	E	1-1/2	50	31,818.20



## EASY-SPLICE V-BELTING

Easy-Splice V-Belting has a dependable, non-slip design with minimal stretch characteristics made to outlast other types of open-end belting.

### MARKETS/APPLICATIONS

Suitable alternative to standard belts on all industrial applications and particularly suited to drives requiring connected belting for ease of installation.

### FEATURES/ADVANTAGES

- Special resilient **tensile cords** impart high strength and keep stretch to a minimum, prolonging belt life and reducing maintenance.
- Special, **square cut fabric reinforcement** provides a tough, durable anchor for the fastener, while allowing the belt to remain flexible.
- Meets RMA **oil and heat** resistant standards.



Recommended Sheaves  
Multi-Duty Sheaves

### Notes

Easy-Splice is available in cross sections A-VO, B-VO, C-VO and BB-VO, which correspond to the A, B, C, D and BB standard industrial V-belt cross sections.  
**Sold in full rolls only.**

### How to Find the Correct Belt Length

1. Position the motor on its base so that the center distance can be shortened by the amount shown below:

Easy-Splice Cross Section	A-VO	B-VO	C-VO	D-VO	BB-VO
Center Distance Allowance	3/4"	1"	1-1/2"	2"	1"

2. After positioning the motor, use a flexible tape to measure around the outside of the sheaves. Subtract 1/2% from this measurement to provide enough tension for the belt.

3. From the length found in (2.) above, subtract the amount shown in the table below:

Easy-Splice Cross Section	A-VO	B-VO	C-VO	D-VO	BB-VO
Subtract these Amounts	0.90"	1.85"	2.26"	2.88"	1.00"

This corrects for the difference between outside belt length and pitch length, and compensates for the length of the fastener. The result is the correct belt length to order for your drive. Use the Correct Fastener for the belt section.

The fastener size depends on the belt section. Choose the correct fastener from the table below:

Easy-Splice Cross Section	A-VO	B-VO	C-VO	D-VO	BB-VO
Fastener Number	A312	B437	C531	D750	BB4

## EASY-SPLICE V-BELTING

AVAILABLE IN CROSS SECTION A-VO, B-VO, C-VO, D-VO, AND BB-VO  
PRODUCT NO. SERIES 9300 AND 9310

Part No.	Standard Roll (Ft.)	Top Width (In.)	Wt. Per Ft. (Lbs)	Max Pieces Standard Roll	Min. Lgth. Ea. Piece (Ft.)
*AVO/250	**250	1/2	0.09	8	20
AVO/525	525	1/2	0.09	3	20
*BVO/200	**200	2-1/32	0.13	8	20
BVO/500	500	2-1/32	0.13	3	20
*CVO/200	**200	7/8	0.21	8	20
CVO/450	450	7/8	0.21	3	20
DVO/160	160	1-1/4	0.48	3	20
BBVO/450	450	2-1/32	0.30	4	20

\* Remnant Rolls. Check with Gates For Availability

\*\* ±10ft.

\*\* Non-stock item, MOQ may apply.

# SPEED-FLEX® FLAT BELTS

This flexible, smooth running flat belting minimizes vibration at high speeds.

### MARKETS/APPLICATIONS

Suitable for all lightly-loaded, high-speed industrial applications requiring high speed ratios and /or small diameters.

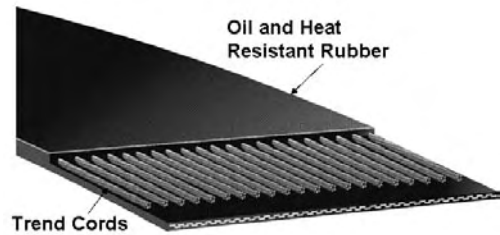
### FEATURES/ADVANTAGES

- Trend Cords increase friction to minimize slip.
- Meets RMA oil and heat resistant standards.
- Meets RMA static conductivity requirements.

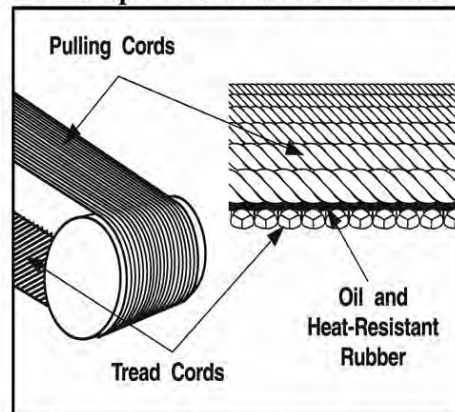
### Notes

Gates Speed-Flex® belts are Made-To-Order. Minimum order quantities may apply. Minimum order quantity is based on a sleeve width of 24" to 28". Belts from 15.5" to 79.9" in length are built on 24" wide drums, and belts from 80" to 138" in length are built on 28" wide drums. Divide the drum width by the belt top width and round down to the nearest whole belt increment. Refer to the Flat Belt Selection Guide (below) to ensure your drive falls within the operating range of Speed-Flex® Belts.

**WARNING:** Gates Speed-Flex® Belts are not recommended for use on flanged pulleys unless the pulleys are crowned. See your local Gates representative for information on proper crowning for Speed-Flex® Belt installation.



### Gates Speed-Flex Belt Construction



## SPEED-FLEX® FLAT BELTS

### PRODUCT NO. SERIES 9542

Part No.	Cross Section (In.)	Part No.	Cross Section (In.)
SF6	3/4 & Under	SF16	2
SF7	7/8	SF18	2 1/4
SF8	1	SF20	2 1/2
SF9	1 1/8	SF22	2 3/4
SF10	1 1/4	SF24	3
SF11	1 3/8	SF28	3 1/2
SF12	1 1/2	SF32	4
SF14	1 3/4	SF40	5

Nominal thickness of Speed-Flex Flat Belts = 0.042  
Non-stock item, MOQ may apply.

# POWERCORD® BELTS

Powercord® belts are flat belts designed in a heavy-duty construction.

**MARKETS/APPLICATIONS**

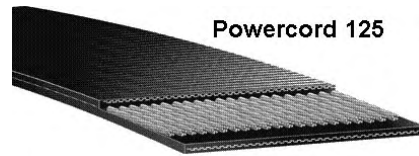
Suitable for all moderately to heavy loaded industrial applications.

**FEATURES/ADVANTAGES**

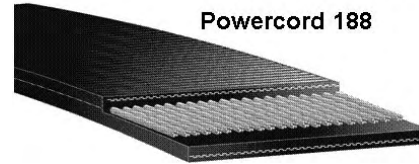
- Meets RMA oil and heat resistant standards.
- Meets RMA static conductivity requirements.

**Notes**

Gates Powercord® belts are Made-To-Order. Minimum order quantities may apply. Minimum order quantity is based on a sleeve width of 24" to 28". Belts from 15.5" to 79.9" in length are built on 24" wide drums, and belts from 80" to 138" in length are built on 28" wide drums. Divide the drum width by the belt top width and round down to the nearest whole belt increment. Refer to the Flat Belt Selection Guide (below) to ensure your drive falls within the operating range of Powercord® Belts.



**Powercord 125**



**Powercord 188**

**POWERCORD® BELT 125**

PRODUCT NO. SERIES 9520

Part No.	Belt Width (In.)
PC125/3	3/4
PC125/4	1
PC125/5	1 1/4
PC125/6	1 1/2
PC125/7	1 3/4
PC125/8	2
PC125/9	2 1/4

Part No.	Belt Width (In.)
PC125/10	2 1/2
PC125/12	3
PC125/14	3 1/2
PC125/16	4
PC125/18	4 1/2
PC125/20	5

**POWERCORD® BELT 188**

PRODUCT NO. SERIES 9530

Part No.	Belt Width (In.)
PC188/7	7/8
PC188/9	1 1/8
PC188/12	1 1/2
PC188/16	2
PC188/20	2 1/2
PC188/24	3

Part No.	Belt Width (In.)
PC188/28	3 1/2
PC188/32	4
PC188/36	4 1/2
PC188/40	5
PC188/48	6

## TUBEWINDER BELTS

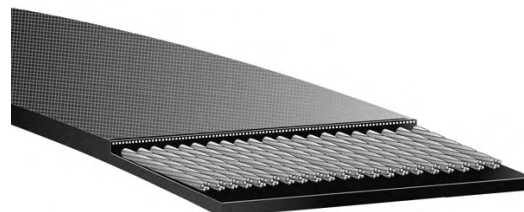
These flat belts are featured in black rubber and red ozex, and in light, medium or heavy construction.

### MARKETS/APPLICATIONS

Specifically designed for use on tube-winding machines.

### FEATURES/ADVANTAGES

- **High tensile strength** to minimize stretch and maintain the proper pressure on the paper around the mandrel.
- **High coefficient of friction** for even and smooth pulling of the paper around the mandrel.
- **Transverse rigidity** to ensure the belt remains stable and maintains the required pressure.



### Notes

Gates Tubewinder belts are Made-To-Order. Minimum order quantities may apply. Black Tubewinder Belts- Minimum order quantity is based on a sleeve width of 24" or 28" (+/- 10%). Belts up to 79.9" in length are built on 24" wide drums, and belts from 80" to 138" in length are built on 28" wide drums. Divide the drum width by the belt top width and round down to the nearest whole belt increment.

**Red Ozex Tubewinder Belts**- Intermediate or fractional order quantity is based on a 12-1/2" drum (+/- 10%). Divide by 12-1/2" by the belt top width and round down to the nearest whole belt increment.

## TUBEWINDER BELTS

### BLACK TUBEWINDER (ALSO AVAILABLE IN SLEEVES)

Belt width (Inch)			
Over	1/2	to 1	inclusive
Over	1	to 1 1/2	inclusive
Over	1	to 2	inclusive
Over	2 1/2	to 2 1/4	inclusive
Over	2 1/4	to 3	inclusive
Over	3	to	inclusive
Over	4	to	inclusive
Over	6 1/2	- Price on application	
24" Wide Sleeves (79.9" and below)			
28" Wide Sleeves (80" to 140")			



Inch Length - 140" maximum
Light Construction 0.105" Thick (Normal cover thickness 0.025")
Medium construction 0.266" Thick (Normal cover thickness 0.085")
Heavy Construction 0.390" Thick (Normal cover thickness 0.105")

Belt width (Inch)			
Over	1/2	to 1	inclusive
Over	1	to 1 1/2	inclusive
Over	1	to 2	inclusive
Over	2 1/2	to 2 1/4	inclusive
Over	2 1/4	to 3	inclusive
Over	3	to	inclusive
Over	4	to	inclusive
Over	6 1/2	- Price on application	



Inch Length - 240" maximum
Light Construction 0.105" Thick (Normal cover thickness 0.025")
Medium construction 0.266" Thick (Normal cover thickness 0.085")
Heavy Construction 0.390" Thick (Normal cover thickness 0.105")

## TRUFLEX® V-BELTS

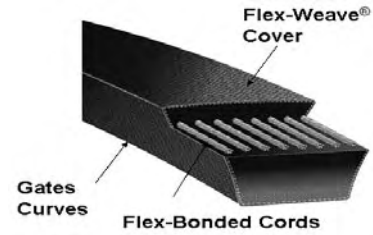
Truflex belts feature superior length stability for minimal take-up requirements.

### MARKETS/APPLICATIONS

Suitable for all industrial light duty applications, usually fractional horsepower (FHP) motors

### FEATURES/ADVANTAGES

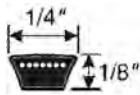
- **Gates Curves** provide proper cord support and full contact with the sheaves-groove for uniform wear, and increased belt life.
- The **Flex-Bonded Cords** are strongly bonded to body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- The **Flex-Weave® Cover** is a patented construction for longer Cover life, providing extended protection to The core of the belt from oil, dirt and heat.
- Meets RMA **oil and heat** resistant standards.
- Meets RMA **static conductivity** requirements.



**Recommended Sheaves**  
 Light-Duty Sheaves-Bored-to-Size  
 Light-Duty Sheaves-Variable Pitch.  
 Light-Duty Sheaves-Bushed

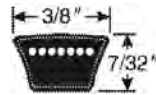
**Notes**  
 Truflex® belts are offices sections 2L(0), 3L (1), 4L (2), 5L (3).

### TRUFLEX® V-BELTS



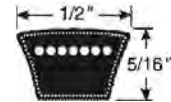
**0 SECTION**  
 PRODUCT NO. SERIES 8400

Part No.	Industry No.	Belt O.C. (in.)
0100	2L100	10.00
0110	2L110	11.00
0120	2L120	12.00
0130	2L130	13.00
0140	2L140	14.00
0150	2L150	15.00
0160	2L160	16.00
0170	2L170	17.00
0180	2L180	18.00
0190	2L190	19.00
0200	2L200	20.00
0210	2L210	21.00
0220	2L220	22.00
0230	2L230	23.00
0240	2L240	24.00
0250	2L250	25.00
0260	2L260	26.00
0270	2L270	27.00
0280	2L280	28.00
0290	2L290	29.00
0310	2L310	31.00
0340	2L340	34.00
0350	2L350	35.00
0360	2L360	36.00
0380	2L380	38.00
0460	2L460	46.00



**1 SECTION**  
 PRODUCT NO. SERIES 8400

Part No.	Industry No.	Belt O.C. (in.)
1110	3L110	11.00
1120	3L120	12.00
1130	3L130	13.00
1140	3L140	14.00
1150	3L150	15.00
1160	3L160	16.00
1170	3L170	17.00
1180	3L180	18.00
1190	3L190	19.00
1200	3L200	20.00
1210	3L210	21.00
1220	3L220	22.00
1230	3L230	23.00
1240	3L240	24.00
1245	3L245	24.50
1250	3L250	25.00
1255	3L255	26.50
1260	3L260	26.00
1265	3L265	26.50
1270	3L270	27.00
1275	3L275	27.50
1280	3L280	28.00
1285	3L285	28.50
1290	3L290	29.00
1293	3L293	29.25
1300	3L300	30.00
1310	3L310	31.00
1320	3L320	32.00
1330	3L330	33.00
1340	3L340	34.00
1345	3L345	34.50
1350	3L350	35.00
1360	3L360	36.00
1370	3L370	37.00
1380	3L380	38.00
1385	3L385	38.50
1390	3L390	39.00
1400	3L400	40.00
1410	3L410	41.00
1415	3L415	41.50



**2 SECTION**  
 PRODUCT NO. SERIES 8400

Part No.	Industry No.	Belt O.C. (in.)
1420	3L420	42.00
1430	3L430	43.00
1440	3L440	44.00
1450	3L450	45.00
1460	3L460	46.00
1470	3L470	47.00
1480	3L480	48.00
1490	3L490	49.00
1500	3L500	50.00
1510	3L510	51.00
1520	3L520	52.00
1530	3L530	53.00
1540	3L540	54.00
1550	3L550	55.00
1560	1560	56.00
1570	1570	57.00
1580	1580	58.00
1590	1590	59.00
1600	1600	60.00
1610	1610	61.00
1620	1620	62.00
1630	1630	63.00
1640	1640	64.00
1650	1650	65.00
1660	1660	66.00
1670	1670	67.00
1675	1675	67.50
1680	1680	68.00
1690	1690	69.00
1700	1700	70.00
1710	1710	71.00
1730	1730	73.00
1740	1740	74.00

Part No.	Industry No.	Belt O.C. (in.)
2150	4L150	15.00
2160	4L160	16.00
2170	4L170	17.00
2180	4L180	18.00
2188	4L188	18.75
2190	4L190	19.00
2200	4L200	20.00
2210	4L210	21.00
2215	4L215	21.50
2220	4L220	22.00
2230	4L230	23.00
2235	4L235	23.50
2240	4L240	24.00
2250	4L250	25.00
2255	4L255	25.50
2260	4L260	26.00
2270	4L270	27.00
2275	4L275	27.50
2280	4L280	28.00
2285	4L285	28.50
2290	4L290	29.00
2295	4L295	29.50
2300	4L300	30.00
2310	4L310	31.00
2318	4L318	31.75
2320	4L320	32.00
2328	4L328	32.75
2330	4L330	33.00
2333	4L333	33.25
2338	4L338	33.75
2340	4L340	34.00
2346	4L346	34.50
2350	4L350	35.00
2360	4L360	36.00
2370	4L370	37.00
2380	4L380	38.00
2390	4L390	39.00
2400	4L400	40.00
2410	4L410	41.00
2420	4L420	42.00



## POWERATED® V-BELTS

These green belts are an alternative to conventional light-duty belts, with high performance construction delivering more horsepower, less stretch and providing longer service life.

### MARKETS/APPLICATIONS

Powerated® belts are suitable for outdoor power equipment, appliances and industrial applications where FHP belts are typically used.

### FEATURES/ADVANTAGES

- Bareback construction for smooth clutching on shock loaded, backside-idler driven equipment.
- **Aramid Tensile Cords** combine limited

stretch with extraordinary strengths and durability.

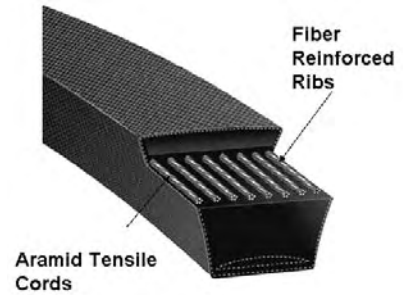
- Meets RMA **oil and heat** resistant standards.

#### Recommended Sheaves

Light-Duty Sheaves-Bored-to-Size  
Light-Duty Sheaves-Variable Pitch  
Light-Duty Sheaves-Bushed

#### Notes

Powerated® belts do not meet RMA requirements for static conductivity



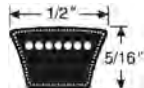
Industry Designatn	Truflex® Section	Powerated®
3L	1	67 (3/8" T.W.)
4L	2	68 (1/2" T.W.)
5L	3	69 (21/32" T.W.)

## POWERATED® BELTS



**1 SECTION**  
PRODUCT NO. SERIES 8423

Part No.	Belt O.C. (in.)
6716	16
6717	17
6718	18
6719	19
6720	20
6721	21
6722	22
6723	23
6724	24
6725	25
6726	26
6727	27
6728	28
6729	29
6730	30
6731	31
6732	32
6733	33
6734	34
6735	35
6736	36
6737	37
6738	38
6739	39
6740	40
6741	41
6742	42
6743	43
6744	44
6745	45
6746	46
6747	47
6748	48
6749	49
6750	50
6751	51
6752	52
6753	53
6754	54
6755	55
6756	56
6757	57



**2 SECTION**  
PRODUCT NO. SERIES 8423

Part No.	Belt O.C. (in.)
6817	17
6818	18
6819	19
6820	20
6821	21
6822	22
6823	23
6824	24
6825	25
6826	26
6827	27
6828	28
6829	29
6830	30
6831	31
6832	32
6833	33
6834	34
6835	35
6836	36
6837	37
6838	38
3869	39
6840	40
6841	41
6842	42
6843	43
6844	44
6845	45
6846	46
6847	47
6848	48
6849	49
6850	50
6851	51
6852	52
6853	53
6854	54
6855	55
6856	56
6857	57
6858	58



**3 SECTION**  
PRODUCT NO. SERIES 8423

Part No.	Belt O.C. (in.)
6923	23
6924	24
6925	25
6926	26
6927	27
6928	28
6929	29
6930	30
6931	31
6932	32
6933	33
6934	34
6935	35
6936	36
6937	37
6938	38
6939	39
6940	40
6941	41
6942	42
6943	43
6944	44
6945	45
6946	46
6947	47
6948	48
6949	49
6950	50
6951	51
6952	52
6953	53
6954	54
6955	55
6956	56
6957	57
6958	58
6959	59
6960	60
6961	61
6962	62
6963	63
6964	64

Part No.	Belt O.C. (in.)
6965	65
6966	66
6967	67
6968	68
6969	69
6970	70
6971	71
6972	72
6973	73
6974	74
6975	75
6976	76
6977	77
6978	78
6979	79
6980	80
6981	81
6982	82
6983	83
6984	84
6985	85
6986	86
6987	87
6988	88
6989	89
6990	90
6991	91
6992	92
6993	93
6994	94
6995	95
6996	96
6997	97
6998	98
6999	99

# LIGHT DUTY V-BELTS

INDUSTRIAL BELTS

## POLYFLEX® BELTS

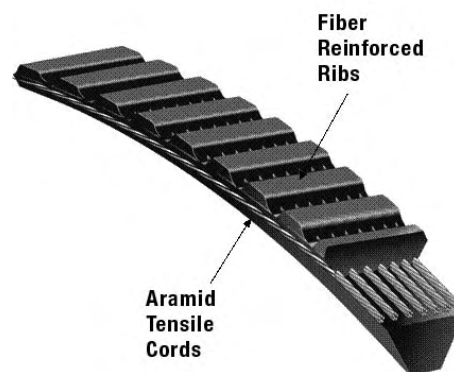
Unique 60° angle polyurethane construction transmits greater loads higher speeds in less space than conventional V-belts.

### MARKETS/APPLICATIONS

A partial listing of applications include machine tools, computer peripherals, medical equipment, library equipment, small appliances, blower drives and woodworking machines.

### FEATURES/ADVANTAGES

- **High Modulus Polyurethane** compound resists fatigue, wear, ozone, and most environmental conditions.
- Precise casting method eliminates layers and overlaps for **smooth running** and **low vibration**.
- **Ribbed backing** provides greater lateral stability and relieves bending stress.
- Working temperature ranges: -65°F to +180°F (-54°C to + 85°C)



### Recommended Sheaves

Polyflex™ Sheaves.

### Notes

Polyflex® belts are available in 3M, 5M, 7M and 11M cross sections.

## POLYFLEX® BELTS

Nominal Top Width 1/8"

### 3M SECTION PRODUCT NO. SERIES 8901

Part No. 3M	Length (mm)
3M180	180
3M185	185
3M190	190
3M195	195
3M200	200
3M206	206
3M212	212
3M218	218
3M224	224
3M230	230
3M236	236
3M243	243
3M250	250
3M258	258
3M265	265
3M272	272
3M280	280
3M290	290
3M300	300
3M307	307
3M315	315
3M325	325
3M335	335
3M345	345
3M355	355
3M365	365
3M375	375
3M387	387
3M400	400
3M412	412
3M425	425
3M437	437

Nominal Top Width 3/16"

### 5M SECTION PRODUCT NO. SERIES 8902

Part No. 5M	Length (mm)
5M280	280
5M290	290
5M300	300
5M307	307
5M315	315
5M325	325
5M335	335
5M345	345
5M355	355
5M365	365
5M375	375
5M387	387
5M400	400
5M412	412
5M425	425
5M437	437
5M450	450
5M462	462
5M475	475
5M487	487
5M500	500
5M515	515
5M530	530
5M545	545
5M560	560
5M580	580
5M600	600
5M615	615
5M630	630
5M650	650
5M670	670
5M690	690

Nominal Top Width 9/32"

### 7M SECTION PRODUCT NO. SERIES 8903

Part No. 7M	Length (mm)
7M400	400
7M410	410
7M412	412
7M500	500
7M515	515
7M530	530
7M545	545
7M560	560
7M580	580
7M600	600
7M615	615
7M630	630
7M650	650
7M670	670
7M690	690
7M710	710
7M730	730
7M750	750
7M775	775
7M800	800
7M825	825
7M850	850
7M875	875
7M900	900
7M925	925
7M950	950
7M975	975
7M1000	1000
7M1030	1030



# LIGHT DUTY V-BELTS

INDUSTRIAL BELTS

## POLYFLEX® BELTS

Nominal Top Width 9/32"



**7M SECTION**  
PDT NO. SERIES 8903

Part No. 7M	Length (mm)
7M1060	1060
7M1090	1090
7M1120	1120
7M1150	1150
7M1180	1180
7M1220	1220
7M1250	1250
7M1280	1280
7M1320	1320
7M1360	1360
7M1400	1400
7M1450	1450
7M1500	1500
7M1550	1550
7M1600	1600
7M1650	1650
7M1700	1700
7M1750	1750
7M1800	1800
7M1850	1850
7M1900	1900
7M1950	1950
7M2000	2000
7M2060	2060
7M2120	2120
7M2180	2180
7M2240	2240
7M2300	2300

Nominal Top Width 7/16"



**11M SECTION**  
PDT NO. SERIES 8904

Part No. 11M	Length (mm)
11M710	710
11M730	730
11M750	750
11M775	775
11M800	800
11M825	825
11M850	850
11M875	875
11M900	900
11M925	925
11M950	950
11M975	975
11M1000	1000
11M1030	1030
11M1060	1060
11M1090	1090
11M1120	1120
11M1150	1150
11M1170	1170
11M1180	1180
11M1200	1200
11M1220	1220
11M1250	1250
11M1280	1280
11M1320	1320
11M1360	1360
11M1400	1400
11M1450	1450
11M1500	1500

Part No. 11M	Length (mm)
11M1550	1550
11M1600	1600
11M1650	1650
11M1700	1700
11M1750	1750
11M1800	1800
11M1850	1850
11M1900	1900
11M1950	1950
11M2000	2000
11M2060	2060
11M2120	2120
11M2180	2180
11M2240	2240
11M2300	2300

**Polyflex Ordering Code**

**Example : 5M1000**

5M: 5mm top width for each strand

1000: 1000mm effective length

# LIGHT DUTY V-BELTS

INDUSTRIAL BELTS

## POLYFLEX® JB® BELTS

Joined Band belt construction provides increased belt stability, preventing belts from turning over or from coming off of the drive. Unique 60° angle polyurethane construction transmits great loads at higher speeds in less space than conventional V-belts.

### MARKETS/APPLICATIONS

Use in a place of Polyflex singles on drives on drives requiring joined sets. A partial listing of applications include machine tools, computer peripherals, medical equipment, library equipment, small appliances, blower drives and dough mixers.

### FEATURES/ADVANTAGES

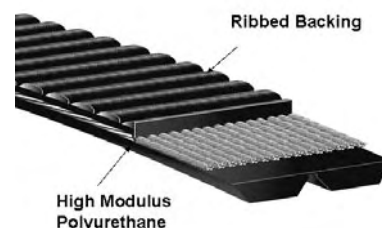
- **High Modulus Polyurethane** compound resists fatigue, wear, ozone, and most environmental conditions.
- Precise casting method eliminates layers and overlaps for **smooth running and low vibration.**
- **Ribbed backing** provides greater lateral stability and relieves bending stress.
- Working temperature range: -65°F to +180°F (-54°C to +85°C).
- **Joined belt** construction provides high stability, preventing belts from turning over or coming off of the drive.

### Recommended Sheaves

Polyflex™ Sheaves

### Notes

Polyflex® JB® belts are available in 3M, 5M, 7M and 11M cross sections. The Polyflex® JB® belt part number is compressed of the number of belt strands, cross section, effective length and the "JB" signifying joined band construction. For example, part number 3/5M1000JB represents 3 strands joined together, 5mm top width for each strand, effective length of 1000mm and joined band (JB) construction. Manufacturing lead times may apply to matched sets and to rib configurations other than those listed. Minimum order quantities do not apply for belt lengths listed.



### Polyflex JB Ordering Code

Example : 3/5M1000JB

5M: 5mm top width for each strand

1000: 1000mm effective length

JB: For joined band construction

### 3M P/N SERIES 8911

Part No. 3M	Length (mm)	Part No. 3M	Length (mm)
3M200JB	200	3M690JB	690
3M218JB	218	3M710JB	710
3M230JB	230	3M730JB	730
3M236JB	236	3M750JB	750
3M243JB	243		
3M250JB	250		
3M258JB	258		
3M265JB	265		
3M272JB	272		
3M280JB	280		
3M290JB	290		
3M300JB	300		
3M307JB	307		
3M315JB	315		
3M325JB	325		
3M335JB	335		
3M345JB	345		
3M350JB	350		
3M355JB	355		
3M365JB	365		
3M375JB	375		
3M387JB	387		
3M400JB	400		
3M406JB	406		
3M412JB	412		
3M425JB	425		
3M437JB	437		
3M450JB	450		
3M462JB	462		
3M475JB	475		
3M487JB	487		
3M500JB	500		
3M515JB	515		
3M530JB	530		
3M545JB	545		
3M553JB	553		
3M560JB	560		
3M580JB	580		
3M600JB	600		
3M615JB	615		
3M630JB	630		
3M650JB	650		
3M670JB	670		

\*2/3 strands

### 5M P/N SERIES 8912

Part No. 5M	Length (mm)	Part No. 5M	Length (mm)
5M280JB	280	5M975JB	975
5M290JB	290	5M1000JB	1000
5M300JB	300	5M1090JB	1090
5M307JB	307	5M1120JB	1120
5M315JB	315	5M1320JB	1320
5M325JB	325	5M1360JB	1360
5M335JB	335	5M1400JB	1400
5M345JB	345	5M1450JB	1450
5M355JB	355	5M1500JB	1500
5M365JB	365		
5M375JB	375		
5M387JB	387		
5M400JB	400		
5M412JB	412		
5M425JB	425		
5M437JB	437		
5M450JB	450		
5M462JB	462		
5M475JB	475		
5M487JB	487		
5M500JB	500		
5M515JB	515		
5M530JB	530		
5M545JB	545		
5M560JB	560		
5M580JB	580		
5M600JB	600		
5M615JB	615		
5M630JB	630		
5M650JB	650		
5M670JB	670		
5M690JB	690		
5M710JB	710		
5M730JB	730		
5M750JB	750		
5M775JB	775		
5M800JB	800		
5M825JB	825		
5M850JB	850		
5M875JB	875		
5M900JB	900		
5M925JB	925		
5M950JB	950		

\*Up to 8 strands

### 7M P/N SERIES 8913

Part No. 7M	Length (mm)	Part No. 7M	Length (mm)
7M500JB	500	7M1700JB	1700
7M515JB	515	7M1750JB	1750
7M530JB	530	7M1800JB	1800
7M545JB	545	7M1850JB	1850
7M560JB	560	7M1900JB	1900
7M580JB	580	7M1950JB	1950
7M600JB	600	7M2000JB	2000
7M615JB	615	7M2060JB	2060
7M630JB	630	7M2120JB	2120
7M650JB	650	7M2180JB	2180
7M670JB	670	7M2240JB	2240
7M690JB	690	7M2300JB	2300
7M710JB	710		
7M730JB	730		
7M750JB	750		
7M775JB	775		
7M775JB	775		
7M800JB	800		
7M825JB	825		
7M850JB	850		
7M875JB	875		
7M900JB	900		
7M925JB	925		
7M950JB	950		
7M975JB	975		
7M1000JB	1000		
7M1030JB	1030		
7M1060JB	1060		
7M1090JB	1090		
7M1120JB	1120		
7M1150JB	1150		
7M1180JB	1180		
7M1220JB	1220		
7M1250JB	1250		
7M1280JB	1280		
7M1320JB	1320		
7M1360JB	1360		
7M1400JB	1400		
7M1450JB	1450		
7M1500JB	1500		
7M1550JB	1550		
7M1600JB	1600		
7M1650JB	1650		

\*Up to 8 strands

### 11M P/N SERIES 8914/8924

Part No. 11M	Length (mm)	Part No. SPL
11M710JB	710	7M600SPL
11M730JB	730	11M800SPL
11M750JB	750	11M1400SPL
11M775JB	775	11M1550SPL
11M800JB	800	11M2000SPL
11M825JB	825	
11M850JB	850	
11M875JB	875	
11M900JB	900	
11M925JB	925	
11M950JB	950	
11M975JB	975	
11M1000JB	1000	
11M1030JB	1030	
11M1060JB	1060	
11M1090JB	1090	
11M1120JB	1120	
11M1150JB	1150	
11M1180JB	1180	
11M1200JB	1200	
11M1220JB	1220	
11M1250JB	1250	
11M1280JB	1280	
11M1320JB	1320	
11M1360JB	1360	
11M1400JB	1400	
11M1450JB	1450	
11M1500JB	1500	
11M1550JB	1550	
11M1600JB	1600	
11M1650JB	1650	
11M1700JB	1700	
11M1750JB	1750	
11M1800JB	1800	
11M1850JB	1850	
11M1900JB	1900	
11M1950JB	1950	
11M2000JB	2000	
11M2060JB	2060	
11M2120JB	2120	
11M2180JB	2180	
11M2240JB	2240	
11M2300JB	2300	

\*Up to 8 strands

(FOR COOLING TOWER APPLICATIONS)

# POLY CHAIN® GT® CARBON™ BELTS

## POLY CHAIN GT CARBON BELTS - NOTHING TOUGHER

Give yourself a competitive advantage by designing in the Gates Poly Chain GT Carbon drive system instead of roller chain in your next power transmission application.

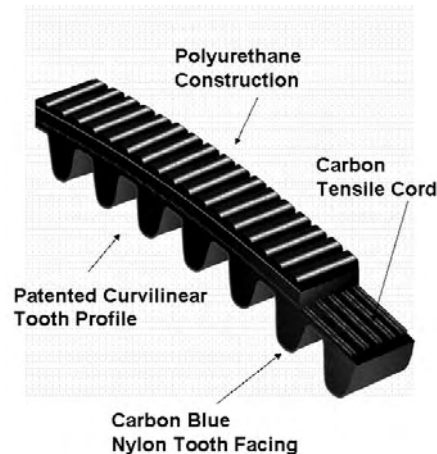
The patented use of Carbon Fiber as the tensile cord in this new belt provides increased horsepower rating for greater power density and compactness and increased flexibility, allowing the use of backside idlers. When combined with Gates Poly Chain GT2 sp

### MARKETS / APPLICATIONS

Any industrial applications, especially suited to replace roller chain drives. Narrow width minimizes reducer overhung loads and left-justified hubs on Poly Chain GT2 sprockets accommodate short shaft lengths.

### FEATURES / ADVANTAGES

- Maintenance-free, clean solution for roller chain drive conversion:
  - Significantly reduces maintenance costs
  - Equivalent capacity to roller chain drives in the same width
  - Easy rust free wash down with Gates stainless steel or Nickel Plated sprockets
  - Faster drive conversion payback
  - Quieter than roller chain drives
- Gates **patented curvilinear tooth profile** provides high shear strength, noise reduction, and improved load carrying capacity.
- Robust **aramid tensile** combines minimal stretch with extraordinary strength and load carrying capacity, while absorbing shock and surge loads.
- Durable **polyurethane construction** resists chemicals, oil, pollutants and abrasion.
- **Nylon tooth facing** reduces friction and eliminates the need for lubrication.
- Fully operational in temperature extremes of -65°F to +185°F (-54°C to +85°C).



### Recommended Sheaves

Poly Chain® GT®2 Sprockets. 8M and 14M

### Notes

Poly Chain GT Carbon can be used on existing drives as replacement for previous Poly Chain belts.

Poly Chain GT Carbon belt part numbers are comprised of pitch , pitch length and width. **For example, part number 8MGT-1000-21 PCGT Carbon denotes an 8mm pitch, 1000mm pitch length & 21mm width Carbon belt.**

Belt **pitch** is the distance in millimeters between two adjacent tooth centers as measured on the pitch line of the belt. Belt pitch length is the total length (circumferences) in millimeters as measured along the pitch length. The theoretical pitch line of a Poly Chain GT Carbon belt lies within the tensile member.

**WARNING:** Use of non-Gates manufactured sprockets is non recommended : Gates Poly Chain GT2 sprockets are manufactured, specified and tested to fully support the full capabilities of the Poly Chain GT Carbon belt. Product performance cannot be guaranteed when non- Gates sprocket are used. All Gates warranty programs are voided on drives using non-Gates components(i.e. sprocket and/or belts).

**WARNING:** Always utilize Taper-Lock type Poly Chain GT2 sprockets when designing a new Poly Chain GT Carbon belt drive system with the tem with the Poly Chain GT Carbon horsepower rating tables.

# POLYCHAIN® GT® CARBON™ FINISHED WIDTH BELTS

### 8M LENGTH (8MM PITCH) 12/ 21/ 36/ 62MM WIDTH

Pitch & Length Designation	Pitch Length (In.)	No. of teeth
8MGT-640	25.20	80
8MGT-720	28.35	90
8MGT-800	31.50	100
8MGT-896	35.28	112
8MGT-960	37.80	120
8MGT-1000	39.37	125
8MGT-1040	40.95	130
8MGT-1120	44.09	140
8MGT-1200	47.24	150
8MGT-1224	48.19	153
8MGT-1280	50.39	160
8MGT-1440	56.69	180
8MGT-1600	62.99	200
8MGT-1760	69.29	220
8MGT-1792	70.55	224
8MGT-2000	78.74	250
8MGT-2200	86.61	275
8MGT-2240	88.19	280
8MGT-2400	94.49	300
8MGT-2520	99.21	315
8MGT-2600	102.36	325
8MGT-2800	110.24	350
8MGT-2840	111.81	355
8MGT-3048	120.00	381
8MGT-3200	125.98	400
8MGT-3280	129.13	410
8MGT-3600	141.73	450
8MGT-4000	157.48	500
8MGT-4400	173.23	550
8MGT-4480	176.38	560

### 14M LENGTH (14MM PITCH) 20/ 37/ 68/ 90/ 125MM WIDTH

Pitch & Length Designation	Pitch Length (In.)	No. of teeth
14MGT-994	39.13	71
14MGT-1120	44.09	80
14MGT-1190	46.85	85
14MGT-1260	49.61	90
14MGT-1400	55.12	100
14MGT-1568	61.73	112
14MGT-1610	63.84	115
14MGT-1750	68.90	125
14MGT-1890	74.41	135
14MGT-1960	77.17	145
14MGT-2100	82.68	150
14MGT-2240	88.19	160
14MGT-2310	90.95	165
14MGT-2380	93.70	170
14MGT-2450	96.46	175
14MGT-2520	99.21	180
14MGT-2590	101.97	185
14MGT-2660	104.72	190
14MGT-2800	110.24	200
14MGT-3136	123.46	224
14MGT-3304	130.08	236
14MGT-3360	132.28	240
14MGT-3500	137.80	250
14MGT-3850	151.58	275
14MGT-3920	154.33	280
14MGT-4326	170.32	309
14MGT-4410	173.62	315

#### PolyChain GT Carbon Ordering Code

Example : 8MGT-1200-12

8MGT: Pitch is 8mm

1200: Pitch Length (mm)

12: Belt Width (mm)

# POLY CHAIN® GT® BELTS - 8M SHORT LENGTH

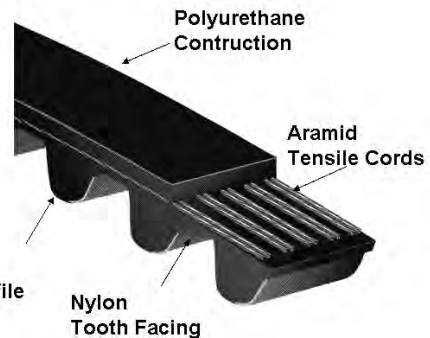
The original Poly Chain® GT® construction utilizes a polyurethane body combined with aramid tensile cords for increase capacity and performance.

### MARKETS / APPLICATIONS

Any industrial markets requiring short center distance but high-density power. Particularly suited for replacing roller chain and Roll-to Roll conveyors.

### FEATURES / ADVANTAGES

- Robust **aramid tensile** combines minimal stretch with extraordinary strength and load carrying capacity, while absorbing shock and surge loads.
- Durable **polyurethane construction** resists chemicals, oil, pollutants and abrasion.
- **Nylon tooth facing** reduces friction and eliminates the need for lubrication.
- Gates **patented curvilinear tooth profile** provides high shear strength, noise reduction, and improved load carrying capacity.
- Fully operational in temperature extremes of -65°F to +185°F (-54°C to +85°C).



**Recommended Sheaves**  
Poly Chain® GT® 2 Sprockets.

**Notes**  
Poly Chain® GT® 2 belts must be used with sprockets of the same pitch and profile. Poly Chain® GT® part numbers are comprised of pitch, pitch length and width. For example, part number 8M-248-12 denotes an 8mm pitch, 248mm pitch length and 12mm width.

**Belt pitch** is the distance in millimeters between two adjacent tooth centers as measured on the pitch line of the belt. **Belt pitch length** is the total length (circumferences) in millimeters as measured along the pitch length. The theoretical pitch line of a Poly Chain® GT® 2 belt lies within the tensile member.

## POLYCHAIN® GT® BELTS - 8M SHORT LENGTH

### 8MM PITCH BELTS - 11.2MM WIDTH

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	248	11.2	31	248
8M	288	11.2	36	288
8M	352	11.2	44	352
8M	416	11.2	52	416
8M	456	11.2	57	456
8M	480	11.2	60	480
8M	544	11.2	68	544
8M	608	11.2	76	608

### 8MM PITCH BELTS - 12MM WIDTH

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	248	12	31	248
8M	288	12	36	288
8M	352	12	44	352
8M	416	12	52	416
8M	456	12	57	456
8M	480	12	60	480
8M	544	12	68	544
8M	608	12	76	608

### 8MM PITCH BELTS - 21MM WIDTH

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	248	21	31	248
8M	288	21	36	288
8M	352	21	44	352
8M	416	21	52	416
8M	456	21	57	456
8M	480	21	60	480
8M	544	21	68	544
8M	608	21	76	608

### 8MM PITCH BELTS - 30 & 36MM WIDTH

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	480	30	60	480
8M	248	36	31	248
8M	288	36	36	288
8M	352	36	44	352
8M	416	36	52	416
8M	456	36	57	456
8M	480	36	60	480
8M	544	36	68	544
8M	608	36	76	608

### 8MM PITCH BELTS - 62MM WIDTH

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	248	62	31	248
8M	288	62	36	288
8M	352	62	44	352
8M	416	62	52	416
8M	456	62	57	456
8M	480	62	60	480
8M	544	62	68	544
8M	608	62	76	608

### 8MM PITCH BELTS - SLEEVE

Pitch	Part No.		No. of Teeth	Pitch Length (mm)
	Length	Width		
8M	248	Sleeve	31	248
8M	288	Sleeve	36	288
8M	352	Sleeve	44	352
8M	416	Sleeve	52	416
8M	456	Sleeve	57	456
8M	480	Sleeve	60	480
8M	544	Sleeve	68	544
8M	608	Sleeve	76	608

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

## ELIMINATOR™ BELTS

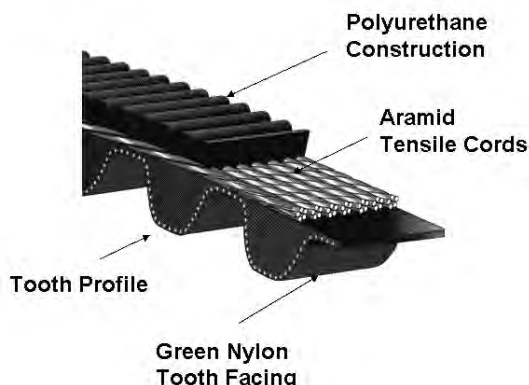
Gates Eliminator™ belt eliminates the competitions! It's a high performance, polyurethane, synchronous belt designed to replace an RPP® belt of the same pitch, width and comparable length (within approximately +/- .5" on center distance maximum).

### MARKETS / APPLICATIONS

Any industrial applications utilizing RPP® belts and sprockets, including Good Year Balckhawk Pd™, Browningâ RPP® Panther®, Carlisle/Daycoâ RPP® Panther® Ultra and TB Wood's® QT Power Chain®.

### FEATURES / ADVANTAGES

- With durable polyurethane construction and robust aramid tensile, the Eliminator™ belt will last a minimum of two times longer than competitive RPP® belts.
- The Eliminator™ tooth profile is designed to fit all RPP® sprockets grooves, therefore it's not necessary to change sprockets, saving money on transaction costs and reducing downtime.
- Green nylon tooth facing reduces friction and provides durable wear surface for long life.



#### Notes

Eliminator™ part numbers are comprised of pitch length, pitch and width. For example, part number 1280-8M-12E denotes a 1280mm pitch length, 8mm pitch, 12mm width and "E" for Eliminator™.

Belt **pitch** is the distance in millimeters between two adjacent tooth centers as measured on the pitch line of the belt. Belt pitch length is the total length (circumferences) in millimeters as measured along the pitch length.

The theoretical pitch line of an Eliminator™ belts lies within the tensile member.

### ELIMINATOR PRODUCT NO. SERIES 9307 8MM PITCH

Belt Number	No. of Teeth
640-8M	80
720-8M	90
800-8M	100
896-8M	112
960-8M	120
1040-8M	130
1120-8M	140
1200-8M	150
1224-8M	153
1280-8M	160
1440-8M	180
1600-8M	200
1760-8M	220
1792-8M	225
2000-8M	250
2200-8M	275
2400-8M	300
2600-8M	325
2800-8M	350
3048-8M	381
3280-8M	410
3600-8M	450
4400-8M	550

\* 8mm Pitch Eliminator belts standard belt width in 12E, 22E, 35E and 60E.

### ELIMINATOR PRODUCT NO. SERIES 9307 14MM PITCH

Belt Number	No. of Teeth
994-14M	69
1190-14M	85
1400-14M	100
1610-14M	115
1750-14M	127
1890-14M	135
2100-14M	150
2310-14M	165
2450-14M	175
2590-14M	185
2800-14M	200
3136-14M	225
3360-14M	240
3500-14M	250
3850-14M	275
4326-14M	309

\* 14mm Pitch Eliminator belts standard belt width in 20E, 42E, 65E, 90E and 120E.

#### Eliminator Ordering Code

Example : 1280-8M-12E

1280: Pitch Length (mm)

8M: Belt Pitch (mm)

12E: Belt Width (mm) + Eliminator Code "E"

# POWERGRIP® TIMING BELTS

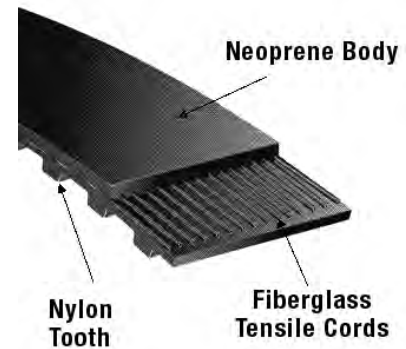
The trapezoidal tooth profile makes this belt well suited for use in positioning applications.

### MARKETS/APPLICATIONS

PowerGrip® Timing Belts are suitable for office machines, machine tools, postages equipment, sewing machines, vending machines, agriculture, outdoor power equipment, food processing, wood, paper, sand and gravel.

### FEATURES/ADVANTAGES

- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- Eliminates lubrication and re-tensioning to reduce maintenance and labor required on drives.



**Recommended Pulleys**  
PowerGrip® Timing Pulleys (Ref: pg 79)

## POWERGRIP® TIMING BELT

### CLASSICAL TRAPEZOIDAL MINI-PITCH SECTION MXL - PITCH 0.08" (2.032MM)

Pitch & Teeth	Pitch	No. of Teeth	Pitch & Teeth	Pitch	No. of Teeth	Pitch & Teeth	Pitch	No. of Teeth	Pitch & Teeth	Pitch	No. of Teeth
80039		39	80083	66MXL	83	80132	106MXL	132	80205		205
80040	32MXL	40	80084		84	80134		134	80208	166MXL	208
80041		41	80085	68MXL	85	80135		135	80210	168MXL	210
80042	34MXL	42	80086		86	80136		136	80212	170MXL	212
80045	36MXL	45	80087	69MXL	87	80137		137	80216		216
80046		46	80088	70MXL	88	80138		138	80220		220
80048		48	80089		89	80139		139	80221	177MXL	221
80049		49	80090	72MXL	90	80140	112MXL	140	80222	178MXL	222
80050	40MXL	50	80091		91	80142		142	80224		224
80052		52	80092	74MXL	92	80144	115MXL	144	80225	180MXL	225
80053		53	80093		93	80145		145	80228		228
80054	43MXL	54	80094	75MXL	94	80148		148	80229		229
80055	44MXL	55	80095	76MXL	95	80149		149	80230	184MXL	230
80056	45MXL	56	80097		97	80150	120MXL	150	80232		232
80057		57	80098		98	80151		151	80235		235
80058		58	80100	80MXL	100	80153	122MXL	153	80236		236
80059	47MXL	59	80101		101	80154		154	80239		239
80060	48MXL	60	80102	81MXL	102	80155	124MXL	155	80240		240
80061		61	80103	82MXL	103	80156		156	80243		243
80062		62	80104		104	80158		158	80245	196MXL	245
80063		63	80105		105	80160		160	80248	198MXL	248
80064	51MXL	64	80106	84MXL	106	80162		162	80249		249
80065	52MXL	65	80107	85MXL	107	80163		163	80250	200MXL	250
80067	53MXL	67	80109	87MXL	109	80165	132MXL	165	80251		251
80068	54MXL	68	80110	88MXL	110	80166	133MXL	166	80256		256
80069		69	80112	90MXL	112	80167		167	80260	208MXL	260
80070	56MXL	70	80114	91MXL	114	80169		169	80262		262
80071	57MXL	71	80115		115	80170	136MXL	170	80265	212MXL	265
80072	58MXL	72	80118		118	80171		171	80267		267
80073		73	80120	96MXL	120	80175	140MXL	175	80271		271
80074	59MXL	74	80122		122	80177		177	80273		273
80075		75	80123	98MXL	123	80180		180	80275		275
80076	61MXL	76	80125	100MXL	125	80184	147MXL	184	80280	224MXL	280
80077	62MXL	77	80126	101MXL	126	80186		186	80285		285
80078		78	80127		127	80190	152MXL	190	80288		288
80079	63MXL	79	80128		128	80192		192	80290		290
80080	64MXL	80	80129		129	80194		194	80295	236MXL	295
80081		81	80130	104MXL	130	80195	156MXL	195	80298		298
80082		82	80131		131	80200	160MXL	200	80300	240MXL	300

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® TIMING BELT

### CLASSICAL TRAPEZOIDAL MINI-PITCH SECTION MXL PITCH 0.08" (2.032MM)

Pitch & Teeth	Pitch	No. of Teeth
80305	-	305
80310	-	310
80312	-	312
80315	252MXL	315
80318	-	318
80322	-	322
80323	-	323
80324	-	324
80328	-	328
80330	-	330
80332	-	332
80334	-	334
80337	-	337
80339	-	339
80340	-	340
80343	-	343
80347	278MXL	347
80350	-	350
80354	-	354
80356	-	356
80358	-	358
80360	-	360
80365	-	365
80371	297MXL	371
80372	298MXL	372
80380	-	380
80388	-	388
80390	-	390
80397	-	397
80400	320MXL	400
80402	-	402
80408	-	408
80412	330MXL	412
80419	-	419
80420	-	420
80421	-	421
80424	339MXL	424
80425	-	425
80427	-	427
80431	-	431
80434	347MXL	434
80435	348MXL	435
80436	-	436
80440	-	440
80442	-	442
80447	-	447
80448	-	448
80450	-	450
80453	-	453
80454	-	454
80458	-	458
80463	-	463
80464	-	464
80466	-	466
80472	-	472
80475	-	475
80482	-	482
80487	-	487
80488	-	488
80490	-	490

### XL - PITCH : 0.20" ( 5.08MM)

Pitch & Teeth	Pitch	No. of Teeth
80497	-	497
80498	-	498
80500	-	500
80505	-	505
80522	-	522
80532	-	532
80535	-	535
80537	-	537
80540	-	540
80546	-	546
80548	-	548
80571	-	571
80591	-	591
80592	-	592
80592	-	592
80599	-	599
80612	490MXL	612
80648	518MXL	648
80694	-	694
80810	-	810
80913	-	913
81189	-	189

Length & Pitch	No. of Teeth	Length & Pitch	No. of Teeth
50XL	25	152XL	76
54XL	27	154XL	77
56XL	28	156XL	78
58XL	29	158XL	79
60XL	30	160XL	80
62XL	31	162XL	81
64XL	32	164XL	82
66XL	33	166XL	83
68XL	34	168XL	84
70XL	35	170XL	85
72XL	36	172XL	86
74XL	37	174XL	87
76XL	38	176XL	88
78XL	39	178XL	89
80XL	40	180XL	90
82XL	41	182XL	91
84XL	42	184XL	92
86XL	43	186XL	93
88XL	44	188XL	94
90XL	45	190XL	95
92XL	46	192XL	96
94XL	47	194XL	97
96XL	48	196XL	98
98XL	49	198XL	99
100XL	50	200XL	100
102XL	51	202XL	101
104XL	52	204XL	102
106XL	53	206XL	103
108XL	54	208XL	104
110XL	55	210XL	105
112XL	56	212XL	106
114XL	57	214XL	107
116XL	58	218XL	109
118XL	59	220XL	110
120XL	60	222XL	111
122XL	61	224XL	112
124XL	62	226XL	113
126XL	63	228XL	114
128XL	64	230XL	115
130XL	65	232XL	116
132XL	66	234XL	117
134XL	67	236XL	118
136XL	68	240XL	120
138XL	69	244XL	122
140XL	70	246XL	123
142XL	71	248XL	124
144XL	72	250XL	125
146XL	73	254XL	127
148XL	74	258XL	129
150XL	75	260XL	130
152XL	76	262XL	131
154XL	77	264XL	132
156XL	78	266XL	133
158XL	79	268XL	134
160XL	80	270XL	135
162XL	81	274XL	137
164XL	82	278XL	139
166XL	83	280XL	140
168XL	84	284XL	142

**PowerGrip Ordering Code**

**Example : 80412MXL025**

80 : MXL timing belt

412 : 412 teeth

025 : 0.25 " (6.4mm) Belt width

**Example : 330MXL025**

330 : 33.0" belt length

MXL : 0.08" belt pitch

025 : 0.25 " (6.4mm) Belt width

**Available Belt width**

012 (3.05mm)

019 (4.82mm)

025 (6.35mm)



# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® TIMING BELT SLEEVES

CLASSICAL TRAPEZOIDAL

**XL - PITCH : 0.20" ( 5.08MM)**

Length & Pitch	No. of Teeth
286XL	143
290XL	145
296XL	148
300XL	150
302XL	151
306XL	153
310XL	155
316XL	158
320XL	160
322XL	161
330XL	165
332XL	166
338XL	169
340XL	170
344XL	172
348XL	174
350XL	175
352XL	176
356XL	178
360XL	180
362XL	181
364XL	182
370XL	185
372XL	186
376XL	188
380XL	190
382XL	191
384XL	192
386XL	193
390XL	195
392XL	196
396XL	198
400XL	200
404XL	202
412XL	206
420XL	210
424XL	212
432XL	216
434XL	217
438XL	219

**L - PITCH 0.375" ( 9.525MM)**

Length & Pitch	No. of Teeth
444XL	222
450XL	225
454XL	227
460XL	230
468XL	234
470XL	235
480XL	240
490XL	245
492XL	246
498XL	249
500XL	250
506XL	253
522XL	261
524XL	262
532XL	266
540XL	270
554XL	277
560XL	280
570XL	285
580XL	290
592XL	296
612XL	306
630XL	315
648XL	324
670XL	335
672XL	336
690XL	345
736XL	368
770XL	385
810XL	405
850XL	425
860XL	430
888XL	444

Length & Pitch	No. of Teeth
109L	29
124L	33
131L	35
135L	36
150L	40
154L	41
157L	42
165L	44
169L	45
172L	46
176L	47
187L	50
195L	52
202L	54
206L	55
210L	56
217L	58
225L	60
232L	62
236L	63
240L	64
244L	65
247L	66
248L	66
251L	67
255L	68
259L	69
262L	70
263L	70
270L	72
277L	74
285L	76
300L	80
304L	81
315L	84
319L	85
322L	86
334L	89
337L	90
345L	92

Length & Pitch	No. of Teeth
352L	94
360L	96
367L	98
375L	100
390L	104
394L	105
405L	108
420L	112
427L	114
435L	116
439L	117
446L	119
450L	120
461L	123
465L	124
480L	128
510L	136
525L	140
540L	144
548L	146
566L	151
570L	152
578L	154
581L	155
600L	160
619L	165
630L	168
660L	176
720L	192
727L	194
731L	195
817L	218
863L	230
900L	240
915L	244
1275L	340

**PowerGrip Ordering Code**

**Example : 434XL025**

43.4" : Belt Pitch length

XL : 0.2" (5.08mm) Belt Pitch

025 : 0.25 " (6.4mm) Belt width

**Example : 270L075**

27.0" :Belt Pitch length

L : 0.375" (9.525mm) : Belt Pitch

075 : 3/4 " (19.1mm) : Belt Width

**XL - Pitch:**

**Available Belt width**

025 (6.4mm)

031 (7.9mm)

037 (9.5mm)

**L - Pitch:**

**Available Belt width**

050 (12.7mm)

075 (19.1mm)

100 (25.4mm)

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® TIMING BELT SLEEVES CLASSICAL TRAPEZOIDAL

### H - PITCH 1/2" (12.7MM)

Length & Pitch	No. of Teeth
205H	41
210H	42
220H	44
225H	45
230H	46
240H	48
255H	51
270H	54
280H	56
300H	60
305H	61
310H	62
315H	63
320H	64
325H	65
330H	66
340H	68
350H	70
360H	72
370H	74
375H	75
390H	78
395H	79
400H	80
410H	82
415H	83
420H	84
430H	86
440H	88
445H	89
450H	90
455H	91
465H	93
480H	96
485H	97
490H	98
495H	99
510H	102
520H	104
525H	105
540H	108
555H	111
560H	112
570H	114
580H	116

Available Belt width  
075 (19.1mm)  
100 (25.4mm)  
150 (38.1mm)  
200 (50.8mm)  
300 (76.2mm)

**PowerGrip Ordering Code**

**Example : 210H200**

21.0" : Belt Pitch length  
H : 0.5" (12.7mm) Belt Pitch  
200 : 2" (50.8mm) Belt width

### XH - PITCH 7/8" (22.225MM)

Length & Pitch	No. of Teeth
585H	117
600H	120
605H	121
615H	123
630H	126
640H	128
645H	129
655H	131
660H	132
680H	136
700H	140
730H	146
750H	150
775H	155
780H	156
800H	160
810H	162
820H	164
840H	168
850H	170
885H	177
900H	180
950H	190
960H	192
1000H	200
1020H	204
1040H	208
1100H	220
1100H	220
1120H	224
1130H	226
1140H	228
1180H	236
1250H	250
1325H	265
1345H	269
1350H	270
1400H	280
1460H	292
1510H	302
1550H	310
1645H	329
1680H	336
1700H	340
2330H	466

Available Belt width  
200 (50.8mm)  
300 (76.2mm)  
400 (101.6mm)  
500 (127mm)

**PowerGrip Ordering Code**

**Example : 840XH300**

84.0" : Belt Pitch length  
XH : 7/8" (22.225mm) Belt Pitch  
300 : 3" (76.2mm) Belt width

### XXH - PITCH 1 1/4" (31.75MM)

Length & Pitch	No. of Teeth
700XXH	56
800XXH	64
900XXH	72
1000XXH	80
1200XXH	96
1400XXH	112
1600XXH	128
1800XXH	144
2700XXH	216

Available Belt width  
200 (50.8mm)  
300 (76.2mm)  
400 (101.6mm)  
500 (127mm)

**PowerGrip Ordering Code**

**Example : 1800XXH300**

180.0" : Belt Pitch length  
XXH : 1 1/4" (31.75mm) Belt Pitch  
300 : 3" (76.2mm) Belt width

# POWERGRIP® HTD® BELTS

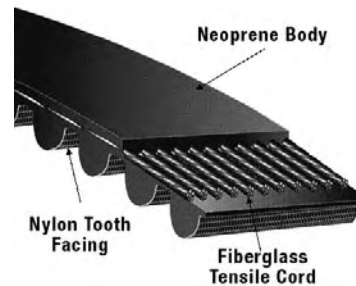
PowerGrip® HTD® belts have a larger, more robust tooth profile for increased capacity, as compared to timing belts.

### MARKETS/APPLICATIONS

PowerGrip® HTD® belts are suitable for many applications including data storage, hand power tools, postage handling, food processors, office machines, centrifuges, money handling, medical diagnostic, sewing machines, ticket dispensers, robotics, vending machines and vacuum cleaners.

### FEATURES/ADVANTAGES

- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- Thirty percent increase in horsepower ratings, as compared to traditional timing belts.



- Eliminates lubrication and re-tensioning to reduce maintenance and labor required on drives.

**Recommended Pulleys**  
PowerGrip® HTD® Sprockets

**Notes**  
PowerGrip® HTD® part numbers are comprised of pitch length, pitch and width. For example 900-3M-15 denotes 900 pitch length, 3mm pitch and 15mm width. Belt pitch is the distance in millimeter between two adjacent tooth centers as measured on the pitch line of the belt. Belt pitch length is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip® HTD® belt lies within the tensile member.

### 3M PITCH HTD SLEEVES PRODUCT SERIES NO. 9296

Length & Pitch	No. of Teeth
87-3M	29
102-3M	34
105-3M	35
108-3M	36
111-3M	37
120-3M	40
123-3M	41
126-3M	42
129-3M	43
132-3M	44
135-3M	45
141-3M	47
144-3M	48
147-3M	49
150-3M	50
153-3M	51
156-3M	52
159-3M	53
162-3M	54
165-3M	55
168-3M	56
171-3M	57
174-3M	58
177-3M	59
180-3M	60
183-3M	61
186-3M	62
189-3M	63
192-3M	64
195-3M	65
198-3M	66
201-3M	67
204-3M	68
207-3M	69
210-3M	70

Length & Pitch	No. of Teeth
213-3M	71
216-3M	72
219-3M	73
222-3M	74
225-3M	75
228-3M	76
234-3M	78
237-3M	79
240-3M	80
243-3M	81
246-3M	82
249-3M	83
252-3M	84
255-3M	85
258-3M	86
261-3M	87
264-3M	88
267-3M	89
270-3M	90
276-3M	92
279-3M	93
282-3M	94
285-3M	95
288-3M	96
291-3M	97
294-3M	98
297-3M	99
300-3M	100
303-3M	101
306-3M	102
309-3M	103
312-3M	104
315-3M	105
318-3M	106
324-3M	108

Length & Pitch	No. of Teeth
327-3M	109
330-3M	110
333-3M	111
336-3M	112
339-3M	113
342-3M	114
345-3M	115
351-3M	117
357-3M	119
360-3M	120
363-3M	121
366-3M	122
369-3M	123
372-3M	124
375-3M	125
381-3M	127
384-3M	128
390-3M	130
393-3M	131
396-3M	132
399-3M	133
402-3M	134
405-3M	135
411-3M	137
417-3M	139
420-3M	140
423-3M	141
426-3M	142
432-3M	144
435-3M	145
438-3M	146
441-3M	147
444-3M	148
447-3M	149
459-3M	153

Length & Pitch	No. of Teeth
462-3M	154
465-3M	155
468-3M	156
471-3M	157
474-3M	158
477-3M	159
480-3M	160
483-3M	161
486-3M	162
489-3M	163
492-3M	164
501-3M	167
504-3M	168
510-3M	170
513-3M	171
516-3M	172
519-3M	173
522-3M	174
525-3M	175
528-3M	176
531-3M	177
537-3M	179
549-3M	183
552-3M	184
558-3M	186
564-3M	188
567-3M	189
570-3M	190
573-3M	191
576-3M	192
579-3M	193
582-3M	194
585-3M	195
591-3M	197
594-3M	198

\*\* Standard Belt Widths in 6mm, 9mm, 15mm





# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® GT® BELTS - SLEEVE

### 2MM SECTION

PRODUCT NO. SERIES 9350

Part No.		Teeth	Part No.		Teeth
Length	Type		Length	Type	
54	2GT	27	196	2GT	98
60	2GT	30	200	2GT	100
66	2GT	33	202	2GT	101
72	2GT	36	204	2GT	102
74	2GT	37	208	2GT	104
76	2GT	38	210	2GT	105
78	2GT	39	212	2GT	106
80	2GT	40	214	2GT	107
82	2GT	41	216	2GT	108
84	2GT	42	220	2GT	110
86	2GT	43	224	2GT	112
88	2GT	44	226	2GT	113
90	2GT	45	228	2GT	114
92	2GT	46	230	2GT	115
94	2GT	47	232	2GT	116
96	2GT	48	236	2GT	118
98	2GT	49	240	2MR	120
100	2GT	50	244	2GT	122
102	2GT	51	248	2GT	124
106	2GT	53	250	2GT	125
108	2GT	54	252	2GT	126
110	2GT	55	256	2GT	128
112	2GT	56	258	2GT	129
114	2GT	57	260	2GT	130
116	2GT	58	264	2GT	132
120	2GT	60	266	2GT	133
122	2GT	61	268	2GT	134
124	2GT	62	270	2GT	135
126	2GT	63	278	2GT	139
128	2GT	64	280	2GT	140
130	2GT	65	282	2GT	141
132	2GT	66	284	2GT	142
134	2GT	67	286	2GT	143
136	2GT	68	288	2GT	144
138	2GT	69	290	2GT	145
140	2GT	70	292	2GT	146
142	2GT	71	294	2GT	147
144	2GT	72	300	2GT	150
146	2GT	73	302	2GT	151
148	2GT	74	304	2GT	152
150	2GT	75	308	2GT	154
152	2GT	76	310	2GT	155
154	2GT	77	314	2GT	157
156	2GT	78	318	2GT	159
158	2GT	79	320	2GT	160
160	2GT	80	322	2GT	161
164	2GT	82	324	2GT	162
166	2GT	83	328	2GT	164
168	2GT	84	332	2GT	166
172	2GT	86	336	2GT	168
174	2GT	87	338	2GT	169
176	2GT	88	340	2GT	170
178	2GT	89	344	2GT	172
180	2GT	90	346	2GT	173
182	2GT	91	350	2GT	175
184	2GT	92	352	2GT	176
186	2GT	93	354	2GT	177
190	2GT	95	358	2GT	179
192	2GT	96	360	2GT	180

### 3MM SECTION

PRODUCT NO. SERIES 9351

Part No.		Teeth	Part No.		Teeth
Length	Type		Length	Type	
702	2GT	351	81	3GT	27
726	2GT	363	93	3GT	31
742	2GT	371	102	3GT	34
752	2GT	376	105	3GT	35
760	2GT	380	108	3GT	36
772	2GT	386	114	3GT	38
782	2GT	391	117	3GT	39
800	2GT	400	120	3MR	40
810	2GT	405	123	3GT	41
842	2GT	421	126	3GT	42
844	2GT	422	132	3GT	44
852	2GT	426	135	3GT	45
860	2GT	430	138	3GT	46
892	2GT	446	141	3GT	47
900	2GT	450	144	3GT	48
930	2GT	465	150	3GT	50
932	2GT	466	156	3GT	52
934	2GT	467	159	3GT	53
950	2GT	475	162	3GT	56
976	2GT	488	165	3MR	55
994	2GT	488	168	3GT	56
1004	2GT	502	174	3GT	58
1028	2GT	514	177	3GT	59
1066	2GT	533	180	3GT	60
1068	2GT	534	186	3GT	62
1098	2GT	549	189	3GT	63
1140	2GT	570	192	3GT	64
1164	2GT	582	195	3GT	65
1180	2GT	590	201	3GT	67
1210	2GT	605	207	3GT	69
1228	2GT	614	210	3GT	70
1234	2GT	617	213	3GT	71
1256	2GT	628	216	3GT	72
1296	2GT	648	222	3GT	74
1310	2GT	655	225	3GT	75
1320	2GT	660	228	3GT	76
1344	2GT	672	231	3GT	77
1360	2GT	680	234	3GT	78
1660	2GT	830	240	3MR	80
1668	2GT	844	243	3GT	81
1700	2GT	850	246	3GT	82
1810	2GT	905	252	3GT	84
1850	2GT	925	255	3GT	85
1860	2GT	930	258	3GT	86
1910	2GT	955	264	3GT	88
2218	2GT	1109	267	3GT	89
			270	3GT	90
			273	3GT	91
			276	3GT	92
			282	3GT	94
			285	3GT	95
			288	3GT	96
			291	3GT	97
			297	3GT	99
			300	3GT	100
			303	3GT	101
			309	3GT	103
			312	3MR	104
			315	3GT	105

\*\* Standard Belt Widths in 3mm, 6mm, 9mm

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® GT® BELTS - SLEEVE

### 3MM SECTION

PRODUCT NO. SERIES 9351

Part No.		Teeth	Part No.		Teeth
Length	Type		Length	Type	
375	3GT	125	744	3GT	248
378	3GT	126	750	3GT	250
384	3GT	128	756	3GT	252
390	3MR	130	765	3GT	255
393	3GT	131	774	3GT	258
396	3GT	132	783	3GT	261
399	3GT	133	789	3GT	263
402	3GT	134	810	3GT	270
408	3GT	136	822	3GT	274
414	3GT	138	840	3GT	280
417	3GT	139	852	3GT	284
420	3GT	140	858	3GT	286
423	3GT	141	882	3GT	294
432	3GT	144	924	3GT	308
444	3GT	148	936	3GT	312
447	3GT	149	948	3GT	316
450	3MR	150	963	3GT	321
453	3GT	151	972	3GT	324
456	3GT	152	993	3GT	331
459	3GT	153	996	3GT	332
471	3GT	157	1005	3GT	335
480	3GT	160	1008	3GT	336
486	3GT	162	1014	3GT	338
489	3GT	163	1050	3GT	350
495	3GT	165	1086	3GT	362
501	3GT	167	1113	3GT	371
504	3GT	168	1137	3GT	379
510	3GT	170	1170	3GT	390
513	3GT	171	1188	3GT	396
522	3GT	174	1260	3GT	420
525	3GT	175	1290	3GT	430
537	3GT	179	1305	3GT	435
540	3GT	180	1335	3GT	445
543	3GT	181	1374	3GT	458
549	3GT	183	1386	3GT	462
552	3GT	184	1422	3GT	474
558	3GT	186	1446	3GT	482
561	3GT	187	1545	3GT	515
564	3GT	188	1569	3GT	523
570	3GT	190	1650	3GT	550
576	3GT	192	1680	3GT	560
579	3GT	193	1722	3GT	574
582	3GT	194	1851	3GT	617
588	3GT	196	1860	3GT	620
591	3GT	197	1947	3GT	649
597	3GT	199	2025	3GT	375
600	3GT	200	2100	3GT	700
609	3GT	203	2340	3GT	810
618	3GT	206	2490	3GT	830
624	3GT	208	2790	3GT	930
630	3MR	210			
633	3GT	211			
639	3GT	213			
642	3GT	214			
651	3GT	217			
657	3MR	219			
666	3GT	222			
672	3GT	224			
675	3GT	225			
681	3GT	227			
684	3MR	228			
687	3GT	229			
690	3GT	230			
693	3GT	231			
699	3GT	233			
702	3GT	234			
705	3GT	235			
708	3GT	236			
720	3GT	240			
741	3GT	247			

\*\* Standard Belt Widths in 6mm, 9mm, 15mm

### 5MM SECTION

PRODUCT NO. SERIES 9352

Part No.		Teeth	Part No.		Teeth
Length	Type		Length	Type	
185	5GT	37	810	5GT	162
200	5GT	40	815	5GT	163
225	5GT	45	825	5GT	165
230	5GT	46	830	5GT	166
240	5GT	48	845	5GT	169
245	5GT	49	850	5GT	170
250	5GT	50	860	5GT	172
255	5GT	51	870	5GT	174
260	5GT	52	880	5GT	176
265	5GT	53	895	5GT	179
270	5GT	54	900	5GT	180
275	5GT	55	920	5GT	184
295	5GT	59	935	5GT	187
300	5GT	60	960	5GT	192
315	5GT	62	970	5GT	194
320	5GT	64	1000	5GT	200
325	5GT	65	1025	5GT	205
330	5GT	66	1050	5GT	210
340	5GT	68	1080	5GT	216
350	5GT	70	1090	5GT	218
360	5GT	72	1145	5GT	229
370	5GT	74	1150	5GT	230
375	5GT	75	1165	5GT	233
385	5GT	77	1180	5GT	236
390	5GT	78	1190	5GT	238
400	5GT	80	1210	5GT	242
405	5GT	81	1225	5GT	245
410	5GT	82	1250	5GT	250
415	5GT	83	1270	5GT	254
420	5GT	84	1290	5GT	258
425	5GT	85	1315	5GT	263
440	5GT	88	1330	5GT	266
450	5GT	90	1390	5GT	278
460	5GT	92	1400	5GT	280
465	5GT	93	1440	5GT	288
470	5GT	94	1475	5GT	295
475	5GT	95	1530	5GT	306
485	5GT	97	1535	5GT	307
490	5GT	98	1550	5GT	310
500	5GT	100	1585	5GT	317
505	5GT	101	1615	5GT	323
520	5GT	104	1630	5GT	326
525	5GT	105	1675	5GT	335
530	5GT	106	1690	5GT	338
540	5GT	108	1715	5GT	343
545	5GT	109	1875	5GT	375
550	5GT	110	1960	5GT	392
560	5GT	112	2100	5MR	420
565	5GT	113	2115	5GT	423
570	5GT	114	2200	5GT	440
575	5GT	115	2350	5GT	470
580	5GT	116	2440	5MR	488
600	5GT	120	2495	5GT	499
615	5GT	123	2645	5GT	529
625	5GT	125	2910	5GT	582
635	5GT	127	3175	5GT	635
645	5GT	129	3640	5GT	728
650	5GT	130			
670	5GT	134			
675	5GT	135			
695	5GT	139			
700	5GT	140			
710	5GT	142			
720	5GT	144			
730	5GT	146			
740	5GT	148			
750	5GT	150			
770	5GT	154			
775	5GT	155			
800	5GT	160			

\*\* Standard Belt Widths in 9mm, 15mm, 25mm



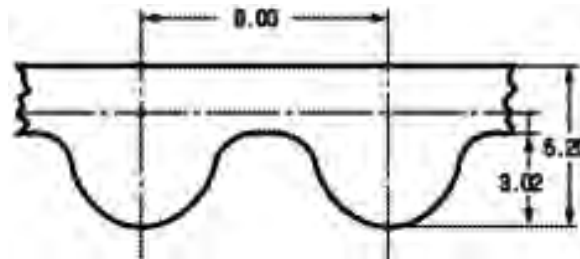
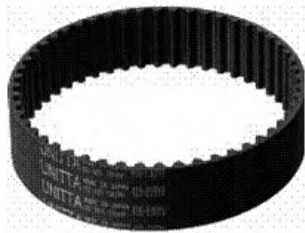


# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® SLEEVE-EV8YU PROFILE



8MM PITCH  
PRODUCT NO. SERIES 8579

Part No.		Teeth
Length	Type	
312	EV8YU	39
328	EV8YU	41
344	EV8YU	43
416	EV8YU	52
432	EV8YU	54
440	EV8YU	55
464	EV8YU	58
472	EV8YU	59
480	EV8YU	60
488	EV8YU	61
504	EV8YU	63
512	EV8YU	64
520	EV8YU	65
544	EV8YU	68
552	EV8YU	69
560	EV8YU	70
576	EV8YU	72
600	EV8YU	75
608	EV8YU	76
616	EV8YU	77
624	EV8YU	78
632	EV8YU	79
640	EV8YU	80
656	EV8YU	82
664	EV8YU	83
680	EV8YU	85
704	EV8YU	88
720	EV8YU	90
728	EV8YU	91
744	EV8YU	93
752	EV8YU	94
760	EV8YU	95
768	EV8YU	96
776	EV8YU	97
784	EV8YU	98
792	EV8YU	99
800	EV8YU	100
808	EV8YU	101
816	EV8YU	102
824	EV8YU	103
832	EV8YU	104
840	EV8YU	105
848	EV8YU	106
856	EV8YU	107
864	EV8YU	108
872	EV8YU	109
880	EV8YU	110
888	EV8YU	111
896	EV8YU	112
904	EV8YU	113
912	EV8YU	114
920	EV8YU	115
928	EV8YU	116
936	EV8YU	117
944	EV8YU	118
952	EV8YU	119
960	EV8YU	120
968	EV8YU	121
976	EV8YU	122

Part No.		Teeth
Length	Type	
984	EV8YU	123
992	EV8YU	124
1000	EV8YU	125
1008	EV8YU	126
1016	EV8YU	127
1032	EV8YU	129
1040	EV8YU	130
1056	EV8YU	132
1064	EV8YU	133
1072	EV8YU	134
1080	EV8YU	135
1088	EV8YU	136
1096	EV8YU	137
1112	EV8YU	139
1120	EV8YU	140
1128	EV8YU	141
1136	EV8YU	142
1144	EV8YU	143
1152	EV8YU	144
1160	EV8YU	145
1168	EV8YU	146
1176	EV8YU	147
1184	EV8YU	148
1192	EV8YU	149
1200	EV8YU	150
1208	EV8YU	151
1216	EV8YU	152
1224	EV8YU	153
1232	EV8YU	154
1240	EV8YU	155
1248	EV8YU	156
1256	EV8YU	157
1264	EV8YU	158
1272	EV8YU	159
1280	EV8YU	160
1288	EV8YU	161
1296	EV8YU	162
1304	EV8YU	163
1312	EV8YU	164
1320	EV8YU	165
1328	EV8YU	166
1336	EV8YU	167
1344	EV8YU	168
1352	EV8YU	169
1360	EV8YU	170
1376	EV8YU	172
1384	EV8YU	173
1392	EV8YU	174
1400	EV8YU	175
1408	EV8YU	176
1416	EV8YU	177
1424	EV8YU	178
1432	EV8YU	179
1400	EV8YU	180
1440	EV8YU	180
1448	EV8YU	181
1456	EV8YU	182
1464	EV8YU	183
1480	EV8YU	185

Part No.		Teeth
Length	Type	
1496	EV8YU	187
1520	EV8YU	190
1544	EV8YU	193
1568	EV8YU	196
1576	EV8YU	197
1600	EV8YU	200
1608	EV8YU	201
1616	EV8YU	202
1640	EV8YU	205
1656	EV8YU	210
1680	EV8YU	210
1688	EV8YU	211
1696	EV8YU	212
1720	EV8YU	215
1728	EV8YU	216
1736	EV8YU	217
1752	EV8YU	219
1760	EV8YU	220
1768	EV8YU	221
1776	EV8YU	222
1784	EV8YU	223
1808	EV8YU	226
1816	EV8YU	227
1824	EV8YU	228
1856	EV8YU	232
1872	EV8YU	234
1888	EV8YU	236
1896	EV8YU	237
1912	EV8YU	239
1928	EV8YU	241
1944	EV8YU	243
1952	EV8YU	244
1976	EV8YU	247
2000	EV8YU	250
2056	EV8YU	257
2072	EV8YU	259
2120	EV8YU	265
2160	EV8YU	270
2136	EV8YU	267
2160	EV8YU	270
2240	EV8YU	280
2248	EV8YU	281
2264	EV8YU	283
2280	EV8YU	285
2296	EV8YU	287
2400	EV8YU	300
2456	EV8YU	307
2600	EV8YU	325
2800	EV8YU	350
3200	EV8YU	400
3440	EV8YU	430
4400	EV8YU	550

\*\* Standard Belt Widths in 20mm, 30mm, 50mm, 85mm

# NEW - POWERGRIP® GT3 BELTS

PowerGrip® GT3® belts is the latest development in synchronous rubber belts. This new technologically advanced belt covers the widest range of industrial applications.

### MARKETS/APPLICATIONS

PowerGrip® GT3 belts are suitable for many applications including HVAC, Textile, Printing, Machine tools, Food processing, Blowers, Pumps, Compressors, Laundry, Pulp and Paper.

### FEATURES/ADVANTAGES

- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- **30% increase in horsepower ratings, as compared to previous generation belts.**
- **8MGT & 14MGT pitches are standard static conductive to ISO 9563**



### Recommended Pulleys

PowerGrip® GT2 sprockets for new drives design due to the high torque capacity of PowerGrip® GT3 belts.

PowerGrip® GT3 belts can be used with existing HTD sprockets as replacement belts, usually at the next narrowest width.

### Ordering Terminology for PowerGrip® GT3

Example 4578-14MGT3 (slab belt)

Example Finished belt available upon request in standard with of 12mm/20mm/30mm/50mm/85mm for 8MGT3

Finished belt available upon request in standard with of 40mm/55mm/85mm/115mm/170mm for 14MGT3

### POWERGRIP® GT3 BELT SLEEVE GT3 8MGT BELTS SLEEVE

Part No.	No. of Teeth
384-8MGT3	48
480-8MGT3	60
560-8MGT3	70
600-8MGT3	75
640-8MGT3	80
720-8MGT3	90
800-8MGT3	100
840-8MGT3	105
880-8MGT3	110
920-8MGT3	115
960-8MGT3	120
1040-8MGT3	130
1064-8MGT3	133
1120-8MGT3	140
1160-8MGT3	145
1200-8MGT3	150
1280-8MGT3	160
1440-8MGT3	180
1512-8MGT3	189
1584-8MGT3	198
1600-8MGT3	200
1760-8MGT3	220
1800-8MGT3	225
2000-8MGT3	250
2400-8MGT3	300
2600-8MGT3	325
2800-8MGT3	350
3048-8MGT3	381
3280-8MGT3	410
3600-8MGT3	450
4400-8MGT3	550

### GT3 14MGT BELTS SLEEVE

Part No.	No. of Teeth
966-14MGT3	69
1190-14MGT3	85
1400-14MGT3	100
1610-14MGT3	115
1750-14MGT3	125
1778-14MGT3	127
1890-14MGT3	135
2100-14MGT3	150
2310-14MGT3	165
2450-14MGT3	175
2590-14MGT3	185
2800-14MGT3	200
3150-14MGT3	225
3360-14MGT3	240
3500-14MGT3	250
3850-14MGT3	275
4326-14MGT3	309
4578-14MGT3	327
4956-14MGT3	354
5320-14MGT3	380
5740-14MGT3	410
6160-14MGT3	440
6860-14MGT3	490

\*\* 8M Standard Belt Widths in 20mm, 30mm, 50mm, 85mm

\*\* 14M Standard Belt Widths in 40mm, 55mm, 85mm, 115mm, 170mm

# POWERGRIP® TWIN POWER® TIMING BELTS

Twin Power® Belts have teeth on both sides to provide synchronization from both driving surfaces.

### MARKETS/APPLICATIONS

PowerGrip® Twin Power® Timing Belts are suitable for all industrial serpentine applications requiring rotation reversal in some driven shafts.

### FEATURES/ADVANTAGES

- Gates Twin Power® belts have **nylon facing** on both tooth surfaces providing equal load carrying capabilities on either side of belt.
- Belt capacity is equal to standard single-sided PowerGrip® belts.
- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- Quieter than roller chain drives and eliminates lubrication and re-tensioning to reduce maintenance and labor.

**Recommended Pulleys** PowerGrip® Timing Pulleys



### Notes

PowerGrip® Twin Power® Timing belts part numbers are comprised of pitch length, pitch and width. TP- denotes Twin Power.

**Length-** The length is shown in the first part of the belt designation. This first number is the pitch length in tenths of an inch. A TP300L075 has a 30.0" pitch length.

**Pitch-** The pitch of a PowerGrip® Timing Belt is the distance from the center to center of the teeth (in inches). It is shown in the second part of the belt designation by a letter or letters. Part number TP300L075 has a .375" pitch. The letters correspond to pitches as follows:

XL = Extra Light = 0.200" pitch

L = Light = 0.375" pitch

H = Heavy = 0.500" pitch

**Width-** The width is shown in the last part of the belt designation. Part number TP300L075 is .75" wide.

## POWERGRIP® TWIN POWER® TIMING BELT SLEEVES

### TP XL SECTION

TP - XL	No. of Teeth
TP130XL	65
TP140XL	70
TP142XL	71
TP146XL	73
TP148XL	74
TP150XL	75
TP152XL	76
TP154XL	77
TP156XL	78
TP158XL	79
TP160XL	80
TP162XL	81
TP164XL	82
TP166XL	83
TP170XL	85
TP172XL	86
TP174XL	87
TP176XL	88
TP178XL	89
TP180XL	90
TP182XL	91
TP184XL	92
TP188XL	94
TP190XL	95
TP192XL	96
TP194XL	97
TP196XL	98
TP198XL	99
TP200XL	100
TP202XL	101
TP204XL	102
TP206XL	103
TP210XL	105

TP - XL	No. of Teeth
TP212XL	106
TP214XL	107
TP218XL	109
TP220XL	110
TP224XL	112
TP228XL	114
TP230XL	115
TP234XL	117
TP240XL	120
TP244XL	122
TP248XL	124
TP250XL	125
TP258XL	129
TP260XL	130
TP266XL	133
TP270XL	135
TP278XL	139
TP280XL	140
TP290XL	145
TP300XL	150
TP302XL	151
TP310XL	155
TP320XL	160
TP330XL	165
TP332XL	166
TP340XL	170
TP348XL	174
TP352XL	176
TP356XL	178
TP360XL	180
TP362XL	181
TP364XL	182
TP372XL	186

TP - XL	No. of Teeth
TP376XL	188
TP380XL	190
TP384XL	192
TP385XL	193
TP390XL	195
TP396XL	198
TP400XL	200
TP404XL	202
TP412XL	206
TP444XL	222
TP450XL	225
TP454XL	227
TP460XL	230
TP470XL	235
TP480XL	240
TP490XL	245
TP498XL	249
TP522XL	261
TP532XL	266
TP540XL	270
TP560XL	280
TP570XL	285
TP580XL	290
TP630XL	315
TP648XL	324
TP670XL	335
TP810XL	405
TP860XL	430
TP888XL	444

### TP L SECTION

TP - L	No. of Teeth
TP150L	40
TP165L	44
TP172L	46
TP187L	50
TP206L	55
TP210L	56
TP225L	60
TP240L	64
TP248L	66
TP255L	68
TP259L	69
TP263L	70
TP270L	72
TP277L	74
TP285L	76
TP300L	80
TP315L	84
TP319L	85
TP322L	86
TP330L	88
TP334L	89
TP345L	92
TP360L	96
TP367L	98
TP375L	100
TP390L	104
TP394L	105
TP400L	107
TP420L	112
TP427L	114
TP450L	120
TP465L	124
TP480L	128

### TP H SECTION

TP - L	No. of Teeth
TP510L	136
TP525L	140
TP540L	144
TP570L	152
TP578L	154
TP600L	160
TP619L	165
TP630L	168
TP660L	176
TP700L	187
TP720L	192
TP730L	195
TP750L	200
TP800L	213
TP863L	230
TP850L	227
TP900L	240
TP915L	244

TP - H	No. of Teeth
TP225H	45
TP230H	46
TP240H	48
TP255H	51
TP270H	54
TP280H	56
TP300H	60
TP315H	63
TP320H	64
TP330H	66
TP360H	72
TP370H	74
TP390H	78
TP400H	80
TP410H	82
TP420H	84
TP430H	86
TP450H	90
TP465H	93
TP480H	96
TP490H	98
TP510H	102
TP520H	104
TP540H	108
TP560H	112
TP565H	113
TP570H	114
TP580H	116
TP600H	120
TP630H	126
TP640H	128
TP660H	132
TP680H	136

TP - H	No. of Teeth
TP700H	140
TP730H	146
TP750H	150
TP800H	160
TP850H	170
TP900H	180
TP950H	190
TP1000H	200
TP1100H	220
TP1250H	250
TP1345H	269
TP1400H	280
TP1700H	340

\*\* Standard widths available in:  
TP-XL : 025, 037, 050, 100  
TP-L : 050, 075, 100  
TP-H : 075, 100, 150, 200, 300

# POWERGRIP® HTD® TWIN POWER® BELTS

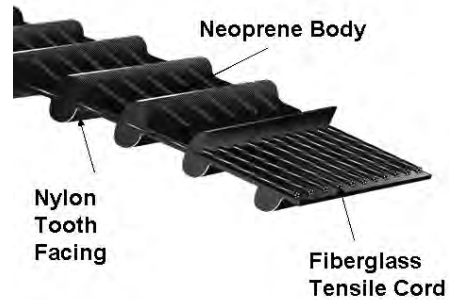
Twin Power® Belts have teeth on both sides to provide synchronization from both driving surfaces.

## MARKETS/APPLICATIONS

PowerGrip® HTD® Twin Power® belts are suitable for many applications including data storage, hand power tools, postage handling, food processors, office machines, centrifuges, money handling, medical diagnostic, sewing machines, ticket dispensers, robotics vending machines and vacuum cleaners.

## FEATURES/ADVANTAGES

- Gates Twin Power® belts have **nylon facing** on both tooth surfaces providing equal load carrying capabilities on either side of belt.
- Belt capacity is equal to standard single-sided PowerGrip® belts.
- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Nylon tooth facing** provides a durable protection wear surface for long service life.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- Quieter than roller chain drives and eliminates lubrication and re-tensioning to reduce maintenance and labor.



## Recommended Sprockets

PowerGrip® HTD® Sprockets

## Notes

PowerGrip® HTD® Twin Power® belts in standard widths are Standard/ Non-Stock. Minimum order quantities are not required on standard widths.

3M HTD Standard Belt Widths			5M HTD Standard Belt Widths		
Belt Width Code	Belt Width (mm)	Belt Width (In.)	Belt Width Code	Belt Width (mm)	Belt Width (In.)
06	9	0.236	06	9	0.354
09	9	0.354	09	9	0.591
15	15	0.591	15	15	0.984

PowerGrip® HTD® Twin Power® part numbers are comprised of pitch length, pitch and width. For example, TP444-3M-09 denotes "TP" for Twin Power, 444mm pitch length, 3mm pitch and 9mm width.

Belt **pitch** is the distance in millimeter between two adjacent tooth centers as measured on the pitch line of the belt. Belt **pitch length** is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip® HTD® belt lies within the tensile member.

## POWERGRIP® HTD® TWIN POWER® BELTS / SLEEVES

### TP 3M SECTION

TP - 3M	No. of Teeth	TP - 3M	No. of Teeth	TP - 3M	No. of Teeth	TP - 3M	No. of Teeth	TP - 3M	No. of Teeth	TP - 3M	No. of Teeth
TP285-3M	95	TP402-3M	134	TP501-3M	167	TP639-3M	213	TP738-3M	246	TP1086-3M	362
TP291-3M	97	TP405-3M	135	TP504-3M	168	TP645-3M	215	TP750-3M	250	TP1110-3M	370
TP300-3M	100	TP411-3M	137	TP510-3M	170	TP648-3M	216	TP753-3M	251	TP1125-3M	375
TP303-3M	101	TP420-3M	140	TP513-3M	171	TP651-3M	217	TP783-3M	261	TP1155-3M	385
TP309-3M	103	TP423-3M	141	TP516-3M	172	TP654-3M	218	TP804-3M	268	TP1188-3M	396
TP312-3M	104	TP426-3M	142	TP519-3M	173	TP657-3M	219	TP822-3M	274	TP1191-3M	397
TP318-3M	106	TP432-3M	144	TP525-3M	175	TP660-3M	220	TP825-3M	275	TP1227-3M	409
TP324-3M	108	TP435-3M	145	TP528-3M	176	TP663-3M	221	TP837-3M	279	TP1260-3M	420
TP327-3M	109	TP438-3M	146	TP531-3M	177	TP666-3M	222	TP858-3M	286	TP1263-3M	421
TP330-3M	110	TP441-3M	147	TP537-3M	179	TP669-3M	223	TP843-3M	281	TP1500-3M	500
TP333-3M	111	TP444-3M	148	TP549-3M	183	TP672-3M	224	TP861-3M	287	TP1512-3M	504
TP336-3M	112	TP447-3M	149	TP552-3M	184	TP681-3M	227	TP873-3M	291	TP1587-3M	529
TP339-3M	113	TP459-3M	153	TP558-3M	186	TP684-3M	228	TP891-3M	297	TP1800-3M	600
TP342-3M	114	TP462-3M	154	TP564-3M	188	TP687-3M	229	TP900-3M	300	TP1956-3M	652
TP351-3M	117	TP468-3M	156	TP567-3M	189	TP690-3M	230	TP915-3M	305	TP2004-3M	668
TP360-3M	120	TP471-3M	157	TP570-3M	190	TP693-3M	231	TP936-3M	312		
TP363-3M	121	TP474-3M	158	TP579-3M	193	TP696-3M	232	TP1002-3M	334		
TP375-3M	125	TP477-3M	159	TP591-3M	197	TP699-3M	233	TP1026-3M	342		
TP381-3M	127	TP480-3M	160	TP597-3M	199	TP702-3M	234	TP1035-3M	345		
TP384-3M	128	TP483-3M	161	TP609-3M	203	TP705-3M	235	TP1038-3M	346		
TP393-3M	131	TP486-3M	162	TP612-3M	204	TP711-3M	237	TP1050-3M	350		
TP396-3M	132	TP489-3M	163	TP627-3M	209	TP723-3M	241	TP1056-3M	352		
TP399-3M	133	TP492-3M	164	TP633-3M	211	TP732-3M	244	TP1062-3M	354		

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® HTD® TWIN POWER® BELTS / SLEEVES

### TP 5M SECTION

TP -5M	No. of Teeth	TP -5M	No. of Teeth
TP385-5M	77	TP860-5M	172
TP400-5M	80	TP870-5M	174
TP405-5M	81	TP890-5M	178
TP410-5M	82	TP900-5M	180
TP415-5M	83	TP920-5M	184
TP420-5M	84	TP925-5M	185
TP425-5M	85	TP930-5M	186
TP450-5M	90	TP935-5M	187
TP460-5M	92	TP940-5M	188
TP465-5M	93	TP950-5M	190
TP475-5M	95	TP965-5M	193
TP480-5M	96	TP975-5M	195
TP495-5M	99	TP985-5M	197
TP500-5M	100	TP1000-5M	200
TP520-5M	104	TP1025-5M	205
TP535-5M	107	TP1040-5M	208
TP550-5M	110	TP1050-5M	210
TP555-5M	111	TP1100-5M	220
TP560-5M	112	TP1125-5M	225
TP565-5M	113	TP1135-5M	227
TP575-5M	115	TP1145-5M	229
TP580-5M	116	TP1195-5M	239
TP585-5M	117	TP1200-5M	240
TP595-5M	119	TP1225-5M	245
TP600-5M	120	TP1235-5M	247
TP610-5M	122	TP1250-5M	250
TP615-5M	123	TP1270-5M	254
TP625-5M	125	TP1295-5M	259
TP635-5M	127	TP1350-5M	270
TP640-5M	128	TP1375-5M	275
TP645-5M	129	TP1380-5M	276
TP655-5M	131	TP1420-5M	284
TP665-5M	133	TP1575-5M	315
TP670-5M	134	TP1595-5M	319
TP680-5M	136	TP1635-5M	327
TP685-5M	137	TP1685-5M	337
TP695-5M	139	TP1690-5M	338
TP700-5M	140	TP1790-5M	358
TP710-5M	142	TP1800-5M	360
TP720-5M	144	TP1870-5M	374
TP740-5M	148	TP1895-5M	379
TP745-5M	149	TP1945-5M	389
TP755-5M	151	TP1980-5M	396
TP765-5M	153	TP2000-5M	400
TP770-5M	154	TP2100-5M	420
TP775-5M	155	TP2250-5M	450
TP790-5M	158	TP2350*-5M	470
TP800-5M	160	TP2525-5M	505
TP810-5M	162	TP2760-5M	552
TP830-5M	166	TP3120-5M	624
TP835-5M	167	TP3200-5M	640
TP845-5M	169	TP3430-5M	686
TP850-5M	170		

### TP 8M SECTION

TP -8M	No. of Teeth
TP424-8M	53
TP480-8M	60
TP560-8M	70
TP600-8M	75
TP640-8M	80
TP656-8M	82
TP680-8M	85
TP720-8M	90
TP760-8M	95
TP800-8M	100
TP840-8M	105
TP856-8M	107
TP880-8M	110
TP896-8M	112
TP920-8M	115
TP960-8M	120
TP1000-8M	125
TP1040-8M	130
TP1056-8M	132
TP1080-8M	135
TP1120-8M	140
TP1152-8M	144
TP1184-8M	148
TP1192-8M	149
TP1200-8M	150
TP1224-8M	153
TP1248-8M	156
TP1264-8M	158
TP1280-8M	160
TP1304-8M	163
TP1320-8M	165
TP1360-8M	170
TP1392-8M	174
TP1400-8M	175
TP1424-8M	178
TP1440-8M	180
TP1480-8M	185
TP1520-8M	190
TP1552-8M	194
TP1600-8M	200
TP1680-8M	210
TP1696-8M	212
TP1760-8M	220
TP1800-8M	225
TP1904-8M	238
TP1936-8M	242
TP2000-8M	250
TP2056-8M	257
TP2080-8M	260
TP2104-8M	263
TP2160-8M	270
TP2240-8M	280
TP2272-8M	284

### TP 14M SECTION

TP -14M	No. of Teeth
TP1190-14M	85
TP1232-14M	88
TP1344-14M	96
TP1400-14M	100
TP1456-14M	104
TP1512-14M	108
TP1540-14M	110
TP1568-14M	112
TP1610-14M	115
TP1638-14M	117
TP1652-14M	118
TP1680-14M	120
TP1736-14M	124
TP1778-14M	127
TP1890-14M	135
TP1932-14M	138
TP1946-14M	139
TP2002-14M	143
TP2100-14M	150
TP2198-14M	157
TP2310-14M	165
TP2450-14M	175
TP2590-14M	185
TP2660-14M	190
TP2800-14M	200
TP2940-14M	210
TP3150-14M	225
TP3360-14M	240
TP3500-14M	250
TP3850-14M	275
TP4326-14M	309
TP4578-14M	327
TP4956-14M	354
TP5320-14M	380
TP5740-14M	410
TP6160-14M	440
TP6860-14M	490

\*\* Standard Belt Widths  
20mm, 30mm, 50mm, 85mm

\*\* Standard Belt Widths  
40mm, 55mm, 85mm  
115mm, 170mm

# POWERGRIP® GT TWIN POWER® BELTS

### MARKETS/APPLICATIONS

The twin power belts provide tooth of symmetrical shape in both sides of the belt, which increases the efficiency of the standard belt. It is similar to a standard synchronous belt but capable in multi axial transmissions that are ideal for serpentine applications.

### FEATURES/ADVANTAGES

- Suitable for Multi axial drives.
- Capable of handling rotation reversal in some driven shafts.
- Quieter than roller chain drives and eliminates lubrication and re-tensioning to reduce maintenance and labor.



### POWERGRIP® GT TWIN POWER® SLEEVES

#### TP 3GT SECTION

#### TP 5GT SECTION

#### TP 8YU SECTION

TP - 3GT	TP - 3GT	TP - 3GT	TP - 5GT	TP - 5GT	TP - 8YU	TP - 8YU	TP - 8YU
TP285-3GT	TP522-3GT	TP882-3GT	TP450-5GT	TP1080-5GT	TP512-8YU	TP1016-8YU	TP1480-8YU
TP288-3GT	TP525-3GT	TP900-3GT	TP460-5GT	TP1090-5GT	TP520-8YU	TP1032-8YU	TP1496-8YU
TP291-3GT	TP537-3GT	TP912-3GT	TP465-5GT	TP1145-5GT	TP536-8YU	TP1040-8YU	TP1520-8YU
TP297-3GT	TP540-3GT	TP924-3GT	TP470-5GT	TP1165-5GT	TP544-8YU	TP1056-8YU	TP1544-8YU
TP300-3GT	TP543-3GT	TP927-3GT	TP475-5GT	TP1180-5GT	TP552-8YU	TP1064-8YU	TP1568-8YU
TP303-3GT	TP549-3GT	TP936-3GT	TP490-5GT	TP1190-5GT	TP560-8YU	TP1072-8YU	TP1576-8YU
TP309-3GT	TP552-3GT	TP948-3GT	TP500-5GT	TP1210-5GT	TP576-8YU	TP1080-8YU	TP1600-8YU
TP312-3GT	TP558-3GT	TP960-3GT	TP505-5GT	TP1225-5GT	TP600-8YU	TP1088-8YU	TP1608-8YU
TP315-3GT	TP561-3GT	TP972-3GT	TP510-5GT	TP1250-5GT	TP608-8YU	TP1096-8YU	TP1616-8YU
TP318-3GT	TP564-3GT	TP993-3GT	TP520-5GT	TP1270-5GT	TP616-8YU	TP1112-8YU	TP1640-8YU
TP324-3GT	TP570-3GT	TP996-3GT	TP525-5GT	TP1290-5GT	TP624-8YU	TP1120-8YU	TP1656-8YU
TP327-3GT	TP576-3GT	TP1005-3GT	TP530-5GT	TP1315-5GT	TP632-8YU	TP1128-8YU	TP1680-8YU
TP330-3GT	TP579-3GT	TP1008-3GT	TP540-5GT	TP1330-5GT	TP640-8YU	TP1136-8YU	TP1688-8YU
TP333-3GT	TP582-3GT	TP1014-3GT	TP545-5GT	TP1390-5GT	TP656-8YU	TP1144-8YU	TP1696-8YU
TP336-3GT	TP591-3GT	TP1026-3GT	TP550-5GT	TP1400-5GT	TP664-8YU	TP1152-8YU	TP1720-8YU
TP339-3GT	TP597-3GT	TP1050-3GT	TP560-5GT	TP1475-5GT	TP680-8YU	TP1160-8YU	TP1728-8YU
TP342-3GT	TP609-3GT	TP1059-3GT	TP565-5GT	TP1530-5GT	TP704-8YU	TP1168-8YU	TP1736-8YU
TP345-3GT	TP618-3GT	TP1068-3GT	TP570-5GT	TP1535-5GT	TP720-8YU	TP1176-8YU	TP1752-8YU
TP348-3GT	TP624-3GT	TP1071-3GT	TP575-5GT	TP1550-5GT	TP728-8YU	TP1184-8YU	TP1760-8YU
TP351-3GT	TP627-3GT	TP1086-3GT	TP580-5GT	TP1585-5GT	TP744-8YU	TP1192-8YU	TP1768-8YU
TP354-3GT	TP633-3GT	TP1098-3GT	TP600-5GT	TP1615-5GT	TP752-8YU	TP1200-8YU	TP1776-8YU
TP357-3GT	TP639-3GT	TP1113-3GT	TP615-5GT	TP1630-5GT	TP760-8YU	TP1208-8YU	TP1784-8YU
TP363-3GT	TP642-3GT	TP1137-3GT	TP625-5GT	TP1675-5GT	TP768-8YU	TP1216-8YU	TP1808-8YU
TP369-3GT	TP651-3GT	TP1170-3GT	TP635-5GT	TP1690-5GT	TP776-8YU	TP1224-8YU	TP1816-8YU
TP375-3GT	TP654-3GT	TP1188-3GT	TP645-5GT	TP1715-5GT	TP784-8YU	TP1232-8YU	TP1824-8YU
TP378-3GT	TP666-3GT	TP1212-3GT	TP670-5GT	TP1800-5GT	TP792-8YU	TP1240-8YU	TP1856-8YU
TP381-3GT	TP672-3GT	TP1215-3GT	TP675-5GT	TP1875-5GT	TP800-8YU	TP1248-8YU	TP1864-8YU
TP384-3GT	TP675-3GT	TP1260-3GT	TP695-5GT	TP1960-5GT	TP808-8YU	TP1256-8YU	TP1872-8YU
TP393-3GT	TP681-3GT	TP1290-3GT	TP710-5GT	TP2115-5GT	TP816-8YU	TP1264-8YU	TP1888-8YU
TP399-3GT	TP687-3GT	TP1299-3GT	TP720-5GT	TP2200-5GT	TP824-8YU	TP1272-8YU	TP1896-8YU
TP402-3GT	TP690-3GT	TP1305-3GT	TP730-5GT	TP2350-5GT	TP832-8YU	TP1280-8YU	TP1912-8YU
TP408-3GT	TP693-3GT	TP1335-3GT	TP740-5GT	TP2495-5GT	TP840-8YU	TP1288-8YU	TP1928-8YU
TP411-3GT	TP699-3GT	TP1374-3GT	TP750-5GT	TP2645-5GT	TP848-8YU	TP1296-8YU	TP1944-8YU
TP414-3GT	TP702-3GT	TP1386-3GT	TP770-5GT	TP2910-5GT	TP856-8YU	TP1304-8YU	TP1952-8YU
TP417-3GT	TP705-3GT	TP1422-3GT	TP775-5GT		TP864-8YU	TP1312-8YU	TP1976-8YU
TP420-3GT	TP708-3GT	TP1521-3GT	TP800-5GT		TP872-8YU	TP1320-8YU	TP2000-8YU
TP423-3GT	TP720-3GT	TP1545-3GT	TP810-5GT		TP880-8YU	TP1328-8YU	TP2056-8YU
TP426-3GT	TP729-3GT	TP1569-3GT	TP815-5GT		TP888-8YU	TP1336-8YU	TP2072-8YU
TP432-3GT	TP741-3GT	TP1650-3GT	TP825-5GT		TP896-8YU	TP1344-8YU	TP2120-8YU
TP444-3GT	TP744-3GT	TP1680-3GT	TP830-5GT		TP904-8YU	TP1352-8YU	TP2136-8YU
TP447-3GT	TP750-3GT	TP1722-3GT	TP845-5GT		TP912-8YU	TP1360-8YU	TP2160-8YU
TP453-3GT	TP756-3GT	TP1860-3GT	TP860-5GT		TP920-8YU	TP1376-8YU	TP2240-8YU
TP456-3GT	TP765-3GT	TP1947-3GT	TP870-5GT		TP928-8YU	TP1384-8YU	TP2248-8YU
TP459-3GT	TP774-3GT	TP1956-3GT	TP880-5GT		TP936-8YU	TP1392-8YU	TP2264-8YU
TP471-3GT	TP783-3GT	TP2025-3GT	TP895-5GT		TP944-8YU	TP1400-8YU	TP2280-8YU
TP480-3GT	TP789-3GT	TP2100-3GT	TP900-5GT		TP952-8YU	TP1408-8YU	TP2296-8YU
TP486-3GT	TP795-3GT	TP2340-3GT	TP920-5GT		TP960-8YU	TP1416-8YU	TP2400-8YU
TP489-3GT	TP810-3GT	TP2490-3GT	TP935-5GT		TP968-8YU	TP1424-8YU	TP2456-8YU
TP495-3GT	TP822-3GT	TP2790-3GT	TP960-5GT		TP976-8YU	TP1432-8YU	TP2600-8YU
TP501-3GT	TP840-3GT		TP970-5GT		TP984-8YU	TP1440-8YU	TP2800-8YU
TP504-3GT	TP852-3GT		TP1000-5GT		TP992-8YU	TP1448-8YU	TP3200-8YU
TP510-3GT	TP858-3GT		TP1025-5GT		TP1000-8YU	TP1456-8YU	TP3440-8YU
TP513-3GT	TP870-3GT		TP1050-5GT		TP1008-8YU	TP1464-8YU	

\*\* Standard Widths: TP-3GT: 6/9/15 mm  
TP-8YU: 6/9/15 mm  
TP-5GT: 20/30/50/85 mm

# POWERGRIP® GT®2 TWIN POWER® BELTS

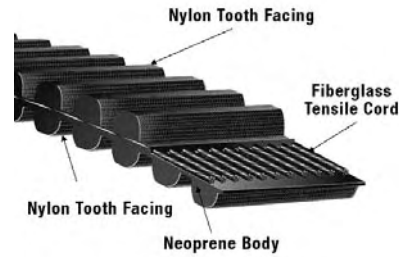
Twin Power® Belts have teeth on both sides to provide synchronization from both driving surfaces.

### MARKETS/APPLICATIONS

PowerGrip® Twin Power® Timing Belts are suitable for all industrial serpentine applications requiring rotation reversal in some driven shafts. Ideal for use in industries such a textile, paper, packaging and printing.

### FEATURES/ADVANTAGES

- Gates Twin Power® belts have **nylon facing** on both tooth surfaces providing equal load carrying capabilities on either side of belt.
- Belt capacity is equal to standard single-sided PowerGrip® belts.
- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- Eliminates lubrication and re-tensioning to reduce maintenance and labor required on drive.



### Recommended Pulleys

PowerGrip® GT2 Sprockets- 8M and 14M

### Notes

If you currently use PowerGrip® HTD® Twin Power® belts, consider PowerGrip® GT® 2 Twin Power® belts at reduced widths to lower your costs. PowerGrip® GT®2 Twin Power® part numbers are comprised of pitch length, pitch and width. For example, TP4400-8MGT-30 denotes "TP" for Twin Power®, 4400mm pitch length, 8mm pitch and 30mm width.

**Length-** The length is shown in the first part of the belt designation. This first number is the pitch length in tenths of an inch.

Belt **pitch** is the distance in millimeter between two adjacent tooth centers as measured on the pitch line of the belt.

Belt **pitch length** is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip® GT®2 belt lies within the tensile member.

## POWERGRIP® GT2 TWIN POWER® SLEEVES

### TP 8MGT SECTION

TP - 8MGT
TP640-8MGT
TP720-8MGT
TP800-8MGT
TP840-8MGT
TP880-8MGT
TP960-8MGT
TP1040-8MGT
TP1120-8MGT
TP1200-8MGT
TP1224-8MGT
TP1280-8MGT
TP1440-8MGT
TP1600-8MGT
TP1760-8MGT
TP1800-8MGT
TP2000-8MGT
TP2200-8MGT
TP2400-8MGT
TP2600-8MGT
TP2800-8MGT
TP3048-8MGT
TP3280-8MGT
TP3600-8MGT
TP4400-8MGT
TP4960-8MGT

\*\* Standard Belt Widths  
20mm, 30mm, 50mm, 85mm

### TP 14MGT SECTION

TP - 14MGT
TP966-14MGT
TP1190-14MGT
TP1400-14MGT
TP1610-14MGT
TP1778-14MGT
TP1890-14MGT
TP2100-14MGT
TP2310-14MGT
TP2450-14MGT
TP2590-14MGT
TP2800-14MGT
TP3150-14MGT
TP3360-14MGT
TP3500-14MGT
TP3850-14MGT
TP4326-14MGT
TP4578-14MGT
TP4956-14MGT
TP5320-14MGT
TP5740-14MGT
TP6160-14MGT
TP6860-14MGT

\*\* Standard Belt Widths  
40mm, 55mm, 85mm, 115mm, 170mm

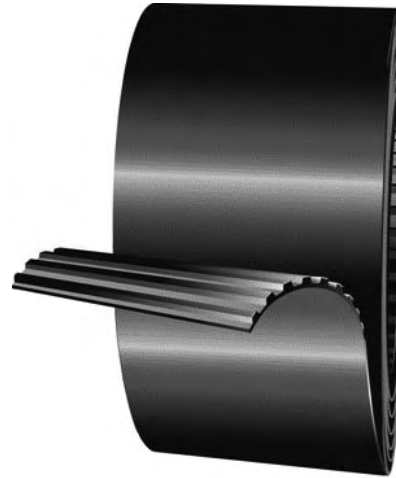
## LONG-LENGTH BELTINGS

### MARKETS / APPLICATIONS

Uniquely suited to all industrial application requiring a rack & pinion driving arrangement.

### FEATURES / ADVANTAGES

- Length stability
- Low noise
- Accurate positioning
- No lubrication
- Low maintenance
- Linear movement



### Notes

Continuous lengths (if needed) must be specified when ordering.

#### POLY CHAIN® GT



	Pitch (mm)	T (mm)	B (mm)	Length on Roll (m)	Width (mm) Aramid
<b>8MGT</b>	8.00	3.40	5.90	30	12,21,36
<b>14MGT</b>	14.00	6.00	10.20	30	20,37

#### POWERGRIP® GT



	Pitch (mm)	T (mm)	B (mm)	Length on Roll (m)	Width (mm)	
					Glass fibre	Steel
<b>3MR</b>	3.00	1.12	2.41	30	6,9,15	6,9,15
<b>5MR</b>	5.00	1.92	3.81	30	6,10,15,25	6,10,15,25
<b>8MR</b>	8.00	3.34	5.60	30	10,15,20,30,50	10,15,20,30,50

#### POWERGRIP® HTD®



	Pitch (mm)	T (mm)	B (mm)	Length on Roll (m)	Width (mm)	
					Glass fibre	Steel
<b>3M</b>	3.00	1.10	2.40	30	6,9,15	6,9,15
<b>5M</b>	5.00	2.10	3.80	30	6,10,15,25	6,10,15,25
<b>8M</b>	8.00	3.40	6.00	30	10,15,20,30,50,85	10,15,20,30,50,85
<b>14M</b>	14.00	6.00	10.00	30	25,40,55,85,115	25,40,55,85,115

#### POWERGRIP®



	Pitch (mm)	T (mm)	B (mm)	Length on Roll (m)	Width (mm)	
					Glass fibre	Steel
<b>XL</b>	5.080	1.27	2.30	30	025,031,037,050	025,031,037,050
<b>L</b>	9.525	1.91	3.60	30	037,050,075,100	037,050,075,100
<b>H</b>	12.700	2.29	4.30	30	050,075,100,150,200,300	050,075,100,150,200,300

- \*\* Widths in stock are printed in bold. Other lengths and widths available upon request
- \*\* Long Length belt are supplied in standard rolls of either 30m/50m/60m/90m/100m
- \*\* Long Length belts are supplied in different standard rolls depending on the belt width
- \*\* Poly Chain Long Length belts are supplied in standard rolls of minimum orders of 50Ft/ roll
- \*\* MOQ applies

### Long Length Ordering Code

Example : LL-8M-20

LL : Long Length  
8M: Pitch HTD® 8mm  
20 : 20mm Belt width



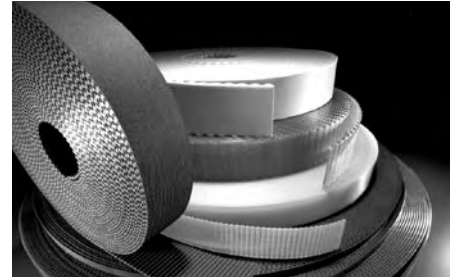
## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS-OPEN END

### MARKETS / APPLICATIONS

- Office machines
- Machine tools
- Postage handling equipment
- Vending machines
- Agriculture
- Outdoor power equipment

### FEATURES / ADVANTAGES

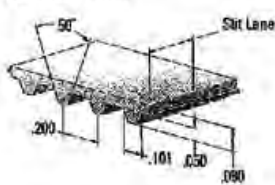
- Steel tensile cord
- Length stability
- Low noise
- Temperature range: -22°F to +176°F (-30°C to +80°C)
- Compact drive
- Light weight



## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS

PU - LONG LENGTH / OPEN END BELTS  
INCH PROFILE BELTS

XL .200" Pitch



Belt Section		XL	L	H*,H-HF*	WH	XH
Standard Roll	Feet	200	200	200	200	100
	Metres	61	61	61	61	30

All roll lengths are +/- 1%

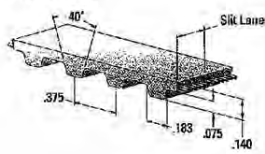
\*HB - Heavy back option available

### Available Widths

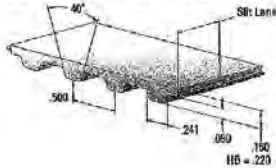
Code	Inch	mm	XL	L	H*, H-HF*	WH	XH
025	1/4	6.35	X	-	-	-	-
031	5/16	7.94	X	-	-	-	-
037	3/8	9.53	X	X	X	-	-
050	1/2	12.7	X	X	X	-	X
075	3/4	19.05	X	X	X	-	X
100	1	25.4	X	X	X	-	X
150	1 1/2	38.1	X	X	X	-	X
200	2	50.8	X	X	X	-	X
300	3	76.2	X	X	X	-	X
400	4	101.6	X	X	X	-	X
600	6	152.4	-	-	X	X	X
900	9	228.6	-	-	-	X	-
1200	12	304.8	-	-	-	X	-
1500	15	381	-	-	-	X	-
1800	18	457.2	-	-	-	X	-
3600	36	914	-	-	-	X	-

All belts are available in any width between the minimum and maximum listed width. For more information, please contact your respective Gates sales personnel.

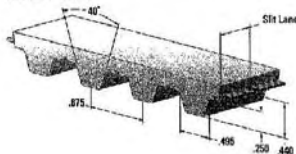
L .375" Pitch



H, H-HF .500" Pitch  
WH .500" Pitch—From 6" to 36" Wide



XH .875" Pitch



### Gates Mectrol Inch Profile belts Ordering Code

Example : 600 H 200 K NT

600 : Length 60.0" x 10 =600

H : Profile H (1/2")

200 : Width 2"

K : to insert if specifying Kelvar

NT : NT for Nylon Teeth, NB for Nylon Back, NTB for Nylon both sides, HB for heavy backing FDA for FDA, USDA approved

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

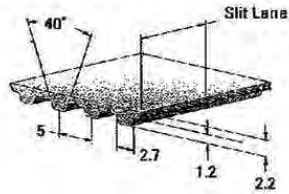
498-2207A

Effective Date: 01 January 2008

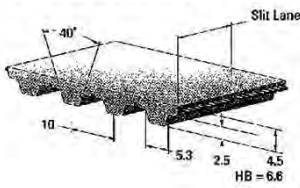
## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS

PU - LONG LENGTH / OPEN END BELTS  
T PROFILE BELTS

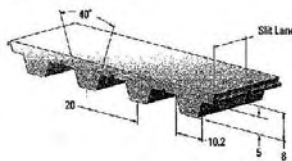
**T5 5mm Pitch**



**T10, T10-HF 10mm Pitch**  
**WT10 10mm Pitch**  
from 150 to 900mm wide



**T20 20mm Pitch**



Belt Section	T5	T10*, T10-HF*	WT10	T20
Standard Roll Lengths (mm)	50 or 100	60	50 or 100	

All roll lengths are +/- 1%  
\*HB - Heavy back option available

**Available Widths**

mm	T5	T10*, T10-HF*	WT10	T20
6	X	-	-	-
10	X	X	-	-
12	X	X	-	-
16	X	X	-	-
20	X	X	-	-
25	X	X	-	X
32	X	X	-	X
50	X	X	-	X
75	X	X	-	X
100	X	X	-	X
150	-	X	X	X
225	-	-	X	-
300	-	-	X	-
380	-	-	X	-
450	-	-	X	-
900	-	-	X	-

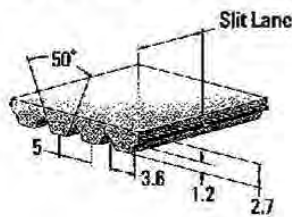
All belts are available in any width between the minimum and maximum listed width. For more information, please contact your respective Gates sales personnel.

**Gates Mectrol T Profile belts Ordering Code**

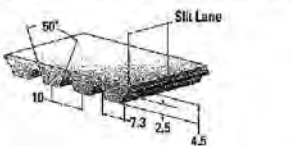
**Example : 50 T10 1080 K NT**  
50 : Width 50mm  
T10 : Profile T10 (10mm)  
1080 : Length (108 teeth x 10mm)  
K : to insert if specifying Kelvar  
NT : NT for Nylon Teeth, NB for Nylon Back, NTB for Nylon both sides, HB for heavy backing, FDA for FDA/ USDA approved

### AT PROFILE BELTS

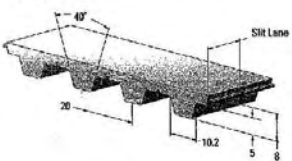
**AT5 and ATL5 5mm Pitch**



**AT10, ATL10, and ATL10-HF 10mm Pitch**



**T20 20mm Pitch**



Belt Section	AT5	ATL5	AT10	ATL10, ATL10-HF	AT20, ATL20
Standard Roll Lengths (mm)	50 or 100				30

All roll lengths are +/- 1%

**Available Widths**

mm	AT5	ATL5	ATL10, ATL10-HF	AT20, ATL20
6	X	-	-	-
10	X	X	-	-
12	X	X	-	-
16	X	X	X	-
20	X	X	X	-
25	X	X	X	X
32	X	X	X	X
50	X	X	X	X
75	X	X	X	X
100	X	X	X	X
150	-	X	X	X

**Gates Mectrol AT Profile belts Ordering Code**

**Example : 50 AT10 1080 K NT**  
50 : Width 50mm  
AT10 : Profile AT10 (10mm)  
1080 : Length (108 teeth x 10mm)  
K : to insert if specifying Kelvar  
NT : NT for Nylon Teeth, NB for Nylon Back, NTB for Nylon both sides, HB for heavy backing, FDA for FDA/ USDA approved

# SYNCHRONOUS BELTS

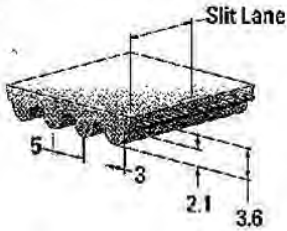
INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

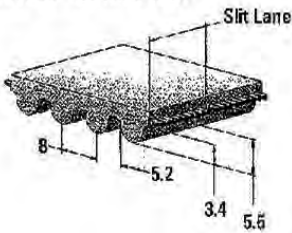
## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS

PU - LONG LENGTH / OPEN END BELTS  
HTD AND STD PROFILE BELTS

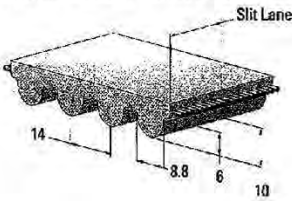
HTD5 5mm Pitch



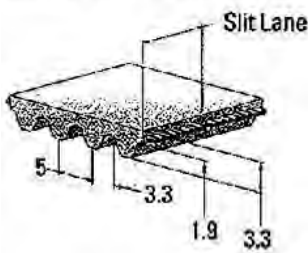
HTD8 8mm Pitch



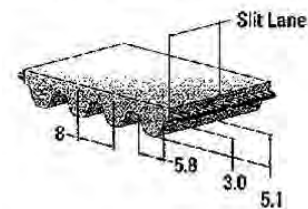
HTD14, HTDL14 14mm Pitch



STD5 5mm Pitch



STD8 8mm Pitch



Belt Section	HTD5	HTD8	HTD14, HTDL14	STD5	STD8
Standard Roll Lengths (mm)	50 or 100				

All roll lengths are +/- 1%

Available Widths

mm	HTD5	HTD8	HTD14	STD5	STD8
5	X			X	
10	X			X	
15	X	X		X	X
20		X			X
25	X	X	X	X	X
30		X			X
40			X		
50	X	X		X	X
55			X		
85	X	X	X	X	X
100	X	X	X	X	X
115			X		
150	X	X		X	
170			X		

All belts are available in any width between the minimum and maximum listed width.

### Gates Mectrol HTD & STD Profile belts Ordering Code

**Example : 25 HTD5M 1000 K NT**

25 : Width 25mm

HTD5 : Profile HTD5 (5mm)

1000 : Length 1000mm

K : to insert if specifying Kelvar

NT : NT for Nylon Teeth, NB for Nylon Back, NTB for Nylon both sides,

HB for heavy backing, FDA for FDA/ USDA approved

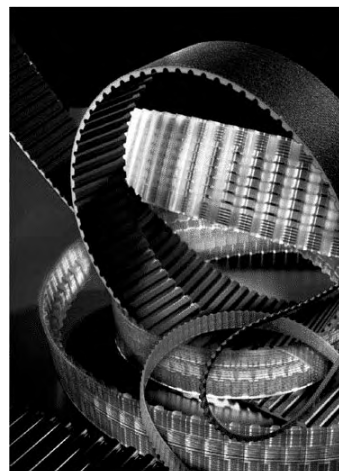
# GATES® POLYURETHANE ENDLESS TIMING BELTS

### MARKETS / APPLICATIONS

- Office machines
- Machine tools
- Postage handling equipment
- Vending machines
- Agriculture
- Outdoor power equipment

### FEATURES / ADVANTAGES

- Steel tensile cord
- Length stability
- Low noise
- Temperature range: -22°F to +176°F (-30°C to +80°C)
- Compact drive
- Light weight



### SYNCHRO-POWER® POLYURETHANE TIMING BELTS PU-CLASSICAL TIMING BELTS SLEEVE

#### MXL SECTION

PART NO.		No. of Teeth
Mold	Type	
80055	MXL	55
80057	MXL	57
80060	MXL	60
80070	MXL	70
80072	MXL	72
80075	MXL	75
80078	MXL	78
80079	MXL	79
80080	MXL	80
80082	MXL	82
80088	MXL	88
80091	MXL	91
80092	MXL	92
80096	MXL	96
80101	MXL	101
80102	MXL	102
80103	MXL	103
80110	MXL	110
80114	MXL	114
80120	MXL	120
80130	MXL	130
80132	MXL	132
80135	MXL	135
80140	MXL	140
80145	MXL	145
80150	MXL	150
80155	MXL	155
80175	MXL	175
80190	MXL	190
80200	MXL	200

#### XL SECTION

PART NO.		No. of Teeth
Mold	Type	
60	XL	30
70	XL	35
80	XL	40
90	XL	45
100	XL	50
110	XL	55
120	XL	60
130	XL	65
134	XL	67
140	XL	70
150	XL	75
160	XL	80
170	XL	85
180	XL	90
190	XL	95
200	XL	100
210	XL	105
220	XL	110
230	XL	115
240	XL	120
250	XL	125
260	XL	130
288	XL	144
290	XL	145
300	XL	150
356	XL	178
414	XL	207
450	XL	225
566	XL	283

#### L SECTION

PART NO.		No. of Teeth
Mold	Type	
86	L	23
124	L	33
150	L	40
187	L	50
202	L	54
210	L	56
225	L	60
240	L	64
255	L	68
270	L	72
285	L	76
300	L	80
322	L	86
345	L	92
367	L	98
390	L	104
480	L	128
510	L	136
570	L	152

#### Standard Widths

MXL - 012, 019, 025

L - 037, 050, 075, 100, 150, 200

XL - 025, 037

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS

PU - METRIC SIZE TIMING BELTS SLEEVE

### T2.5 PITCH (GREENISH GREY COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
T2.5-120	48	120
T2.5-145	59	145
T2.5-160	64	160
T2.5-177.5	71	178
T2.5-180	72	180
T2.5-182	73	183
T2.5-185	74	185
T2.5-200	80	200
T2.5-230	92	230
T2.5-245	98	245
T2.5-265	106	265
T2.5-285	114	285
T2.5-290	116	290
T2.5-305	122	305
T2.5-318	127	318

Product Description	No. of Teeth	Pitch Length (mm)
T2.5-330	132	330
T2.5-380	152	380
T2.5-395	158	395
T2.5-420	168	420
T2.5-480	192	480
T2.5-500	200	500
T2.5-540	216	540
T2.5-600	240	600
T2.5-620	248	620
T2.5-650	260	650
T2.5-780	312	780

### T10 PITCH (BLUE COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
T10-260	26	260
T10-370	37	370
T10-400	40	400
T10-410	41	410
T10-440	44	440
T10-450	45	450
T10-500	50	500
T10-530	53	530
T10-560	56	560
T10-600	60	600
T10-610	61	610
T10-630	63	630
T10-660	66	660
T10-690	69	690
T10-700	70	700
T10-720	72	720
T10-730	73	730
T10-750	75	750
T10-780	78	780
T10-810	81	810
T10-840	84	840
T10-880	88	880
T10-890	89	890
T10-900	90	900
T10-910	91	910
T10-920	92	920
T10-960	96	960

Product Description	No. of Teeth	Pitch Length (mm)
T10-970	97	970
T10-980	98	980
T10-1010	101	1010
T10-1080	108	1080
T10-1110	111	1110
T10-1140	114	1140
T10-1150	115	1150
T10-1210	121	1210
T10-1240	124	1240
T10-1250	125	1250
T10-1300	130	1300
T10-1320	132	1320
T10-1350	135	1350
T10-1390	139	1390
T10-1400	140	1400
T10-1420	142	1420
T10-1450	145	1450
T10-1460	146	1460
T10-1500	150	1500
T10-1560	156	1560
T10-1610	161	1610
T10-1750	175	1750
T10-1780	178	1780
T10-1880	188	1880
T10-1960	196	1960
T10-2250	225	2250

### T5 PITCH (GREENISH GREY / BLUE COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
T5-150	30	150
T5-165	33	165
T5-180	36	180
T5-185	37	185
T5-200	40	200
T5-215	43	215
T5-220	44	220
T5-225	45	225
T5-245	49	245
T5-250	50	250
T5-255	51	255
T5-260	52	260
T5-270	54	270
T5-275	55	275
T5-280	56	280
T5-295	59	295
T5-305	61	305
T5-315	63	315
T5-330	66	330
T5-340	68	340
T5-350	70	350
T5-355	71	355
T5-365	73	365
T5-390	78	390
T5-400	80	400
T5-410	82	410
T5-420	84	420
T5-445	89	445
T5-450	90	450
T5-455	91	455
T5-475	95	475
T5-480	96	480

Product Description	No. of Teeth	Pitch Length (mm)
T5-500	100	500
T5-510	102	510
T5-525	105	525
T5-545	109	545
T5-550	110	550
T5-560	112	560
T5-575	115	575
T5-610	122	610
T5-620	124	620
T5-630	126	630
T5-640	128	640
T5-650	130	650
T5-660	132	660
T5-675	135	675
T5-690	138	690
T5-700	140	700
T5-720	144	720
T5-725	145	725
T5-750	150	750
T5-780	156	780
T5-800	158	800
T5-815	163	815
T5-840	168	840
T5-850	170	850
T5-900	180	900
T5-940	188	940
T5-990	198	990
T5-1075	215	1075
T5-1100	220	1100
T5-1215	243	1215
T5-1315	263	1315
T5-1380	276	1380

#### Standard Widths

T2.5 - 4.0 / 5.4 / 6.0 / 8.0 / 10.0 / 12.0 / 16.0 / 20.0 / 25.0 / 32.0 / 50.0 mm  
 T5 - 4.0 / 6.0 / 8.0 / 10.0 / 12.0 / 16.0 / 20.0 / 25.0 / 32.0 / 50.0 / 75.0 mm  
 T10 - 10.0 / 12.0 / 14.0 / 16.0 / 20.0 / 25.0 / 32.0 / 50.0 / 75.0 / 100.0 mm

\*\* Clear colour belt available for T5 & T10 belts with minimum order quantity required.

# SYNCHRONOUS BELTS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## GATES® MECTROL™ POLYURETHANE SYNCHRONOUS BELTS

PU - METRIC SIZE TIMING BELTS SLEEVE

### AT5 PITCH (BLUE COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
AT5-225	45	225
AT5-255	51	255
AT5-275	55	275
AT5-280	56	280
AT5-300	60	300
AT5-340	68	340
AT5-375	75	375
AT5-390	78	390
AT5-420	84	420
AT5-455	91	455
AT5-500	100	500
AT5-545	109	545
AT5-600	120	600
AT5-610	122	610
AT5-630	126	630
AT5-660	132	660
AT5-720	144	720
AT5-750	150	750
AT5-780	156	780
AT5-825	165	825
AT5-975	195	975
AT5-1050	210	1050
AT5-1125	225	1125
AT5-1500	300	1500

### AT10 PITCH (BLUE COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
AT10-500	50	500
AT10-560	56	560
AT10-610	61	610
AT10-660	66	660
AT10-700	70	700
AT10-730	73	730
AT10-780	78	780
AT10-810	80	800
AT10-800	81	810
AT10-840	84	840
AT10-890	89	890
AT10-920	92	920
AT10-960	96	960
AT10-980	98	980
AT10-1010	101	1010
AT10-1050	105	1050
AT10-1080	108	1080
AT10-1150	115	1150
AT10-1210	121	1210
AT10-1250	125	1250
AT10-1320	132	1320
AT10-1400	140	1400
AT10-1500	150	1500
AT10-1600	160	1600
AT10-1700	170	1700
AT10-1800	180	1800

### TWIN POWER DT5 PITCH (GREENISH GREY COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
DT5-260	52	260
DT5-410	82	410
DT5-460	92	460
DT5-480	96	480
DT5-515	103	515
DT5-590	118	590
DT5-620	124	620
DT5-750	150	750
DT5-815	163	815
DT5-860	172	860
DT5-940	188	940

### TWIN POWER DT10 PITCH (GREENISH GREY COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
DT10-260	26	260
DT10-530	53	530
DT10-630	63	630
DT10-660	66	660
DT10-720	72	720
DT10-840	84	840
DT10-980	98	980
DT10-1210	121	1210
DT10-1240	124	1240
DT10-1250	125	1250
DT10-1320	132	1320
DT10-1350	135	1350
DT10-1420	142	1420
DT10-1610	161	1610
DT10-1620	162	1620
DT10-1880	188	1880

### SYNCHRO POWER (GREENISH GREY COLOUR BELT)

Product Description	No. of Teeth	Pitch Length (mm)
UT5-120	24	240
UT5-830	166	830
UT5-860	172	860
UT5-885	177	885
UT5-1200	240	1200
UT5-1275	255	1275
UT5-1280	256	1280
UT5-1355	271	1355
UT5-1955	391	1955
AT10-1000	100	1000
AT10-1100	110	1100
AT10-1200	120	1200
AT10-1280	128	1280
AT10-1300	130	1300
AT10-1350	135	1350
AT10-1360	136	1360
AT10-1420	142	1420
AT10-1720	172	1720
AT10-1860	186	1860
AT10-1940	194	1940

#### Standard Widths

AT5 - 4.0 / 6.0 / 8.0 / 10.0 / 12.0 / 16.0 / 20.0 / 25.0 / 32.0 / 50.0 / 75.0 mm

AT10 - 10.0 / 12.0 / 14.0 / 16.0 / 20.0 / 25.0 / 32.0 / 50.0 / 75.0 / 100.0 mm

\*\* Clear colour belt available for T5 & T10 belts with minimum order quantity required.

## GATES® POLYURETHANE CIRCULAR KNITTING MACHINES BELTS

Gates Circular Knitting machines belts are produced by advance welding technology of extruded Polyurethane with high abrasion resistance and Kelvar tensile cord member.

### FEATURES / ADVANTAGES

- low noise
- low installation tension
- standard Kevlar cord
- high abrasion resistance



Product Description	Belt Length
10TT5/4800K	4.8
10TT5/5000K	5
10TT5/5200K	5.2
10TT5/5600K	5.6
10TT5/5800K	5.8
10TT5/6000K	6
10TT5/6200K	6.2
10TT5/6400K	6.4
10TT5/6600K	6.6
10TT5/6800K	6.8
10TT5/7000K	7
10TT5/7200K	7.2
10TT5/7400K	7.4
10TT5/7500K	7.5
10TT5/7600K	7.6
10TT5/7800K	7.8
10TT5/8000K	8
10TT5/8200K	8.2
10TT5/8300K	8.3
10TT5/8400K	8.4
10TT5/8600K	8.6
10TT5/8800K	8.8
10TT5/8900K	8.9
10TT5/9000K	9

Product Description	Belt Length
10TT5/9200K	9.2
10TT5/9400K	9.4
10TT5/9600K	9.6
10TT5/9800K	9.8
10TT5/10000K	10
10TT5/10200K	10.3
10TT5/10300K	10.4
10TT5/10400K	10.6
10TT5/10600K	10.6
10TT5/10800K	10.8
10TT5/11200K	11.2
10TT5/11300K	11.3
10TT5/11800K	11.8
10TT5/12000K	12
10TT5/12300K	12.3
10TT5/12700K	12.7
10TT5/12800K	12.8
10TT5/13000K	13
10TT5/13200K	13.2
10TT5/13400K	13.4
10TT5/13600K	13.6
10TT5/15400K	15.4
10TT5/17900K	17.9

Note:  
Steel tensile cord member available upon request

# POLY CHAIN® GT®2 SPROCKETS

### MARKETS / APPLICATIONS

Use with Poly Chain® GT®2 Belts or Poly Chain® GT® Belts.

### FEATURES / ADVANTAGES

- Full split in bushing allows easy installation and removal.
- Precise sprocket design products positive press fit to shaft.
- Smaller, narrower sprockets save shaft space, keep the load close to bearing and extend life of reducer.
- Poly Chain® GT®2 sprockets keep overhung load below manufacturers recommendation.
- Sprockets are precision manufactured and static balanced.



### Notes

Sprockets for the Poly Chain® GT®2 belts are available in 8mm and 14mm pitches.

Sprocket part numbers are comprised of pitch, number of grooves and width. For example, part number 8MX-48S-12 denotes 8mm pitch, 48 grooves, "S" for sprocket and 12mm width.

On a sprocket, pitch is the distance between groove centers and is measured on the pitch circle of the sprocket. The pitch circle of the sprocket coincides with the pitch line of the belt mating with it. The pitch diameter of the sprocket is always greater than its outside diameter.

**Abbreviations used for sprocket materials: GI = Gray Iron DI = Ductile Iron SIS = Sintered Steel CI = Cast Iron**

**WARNING:** Do NOT use these sprockets with rim speeds in excess of 6,500fpm.

## 8MM PITCH SPROCKETS

FOR BELTS 12MM WIDE

PRODUCT NO. SERIES 7715 & 7718

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
8MX-22S-12	22	2.206	0.40	DI	1008	1/2 - 1
PB8MX-22S-12	22	2.206	1.00	DI	MPB	1/2 - 1
8MX-25S-12	25	2.506	0.60	GI	1108	1/2 - 1 1/8
PB8MX-25S-12	25	2.506	1.00	DI	MPB	1/2 - 1 1/2
8MX-26S-12	26	2.607	0.60	CI	1108	1/2 - 1 1/8
8MX-27S-12	27	2.707	0.70	CI	1108	1/2 - 1 1/8
8MX-28S-12	28	2.807	0.90	GI	1108	1/2 - 1 1/8
PB8MX-28S-12	28	2.807	1.40	DI	MPB	1/2 - 1 3/4
8MX-29S-12	29	2.907	0.90	CI	1108	1/2 - 1 1/8
8MX-30S-12	30	3.008	0.98	GI	1108	1/2 - 1 1/8
PB8MX-30S-12	30	3.008	1.60	DI	MPB	1/2 - 1 1/18
8MX-31S-12	31	3.108	1.10	DI	1210	1/2 - 1 1/4
8MX-32S-12	32	3.208	1.10	DI	1210	1/2 - 1 1/4
PB8MX-32S-12	32	3.208	1.70	DI	MPB	1/2 - 2
8MX-33S-12	33	3.308	1.10	DI	1610	1/2 - 1 11/16
8MX-34S-12	34	3.409	1.20	DI	1610	1/2 - 1 11/16
8MX-35S-12	35	3.509	1.30	CI	1610	1/2 - 1 11/16
8MX-36S-12	36	3.609	1.40	SIS	1610	1/2 - 1 11/16
8MX-37S-12	37	3.709	1.60	GI	1610	1/2 - 1 11/16
8MX-38S-12	38	3.810	1.70	SIS	1610	1/2 - 1 11/16
8MX-39S-12	39	3.910	1.90	CI	1610	1/2 - 1 11/16
8MX-40S-12	40	4.010	1.94	SIS	2012	1/2 - 2 1/8
8MX-41S-12	41	4.110	2.10	DI	2012	1/2 - 2 1/8
8MX-42S-12	42	4.211	2.25	GI	2012	1/2 - 2 1/8
8MX-45S-12	45	4.511	2.50	SIS	2012	1/2 - 2 1/8
8MX-48S-12	48	4.812	2.66	GI	2012	1/2 - 2 1/8
8MX-50S-12	50	5.013	3.10	GI	2012	1/2 - 2 1/8
8MX-53S-12	53	5.314	3.80	GI	2012	1/2 - 2 1/8
8MX-56S-12	56	5.614	5.40	GI	2012	1/2 - 2 1/8
8MX-60S-12	60	6.015	5.48	GI	2012	1/2 - 2 1/8
8MX-63S-12	63	6.316	4.10	GI	2012	1/2 - 2 1/8
8MX-67S-12	67	6.717	4.30	GI	2012	1/2 - 2 1/8
8MX-71S-12	71	7.118	4.70	GI	2012	1/2 - 2 1/8
8MX-75S-12	75	7.519	5.10	GI	2012	1/2 - 2 1/8
8MX-80S-12	80	8.020	5.80	GI	2012	1/2 - 2 1/8



# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POLY CHAIN® GT®2 SPROCKETS

8MM PITCH SPROCKETS  
FOR BELTS 12MM WIDE  
PRODUCT NO. SERIES 7715 & 7718 (CONTINUED)

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
8MX-90S-12	90	9.023	9.38	GI	2012	1/2 - 2 1/8
8MX-112S-12	112	11.229	16.60	GI	2012	1/2 - 2 1/8
8MX-140S-12	140	14.036	17.30	GI	2012	1/2 - 2 1/8
8MX-180S-12	180	18.046	30.00	GI	2517	1/2 - 2 11/16
8MX-224S-12	224	22.457	41.20	GI	2517	1/2 - 2 11/16

8MM PITCH SPROCKETS  
FOR BELTS 21MM WIDE  
PRODUCT NO. SERIES 7715 & 7718

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
8MX-22S-21	22	2.206	0.40	DI	1008	1/2 - 1
PB8MX-22S-21	22	2.206	1.10	DI	MPB	1/2 - 1 3/16
8MX-25S-21	25	2.506	0.60	GI	1108	1/2 - 1 1/8
PB8MX-25S-21	25	2.506	1.40	DI	MPB	1/2 - 1 1/2
8MX-26S-21	26	2.607	0.60	GI	1108	1/2 - 1 1/8
8MX-27S-21	27	2.707	0.70	GI	1108	1/2 - 1 1/8
8MX-28S-21	28	2.807	0.90	GI	1108	1/2 - 1 1/8
PB8MX-28S-21	28	2.807	1.80	DI	MPB	1/2 - 1 3/4
8MX-29S-21	29	2.907	1.00	GI	1108	1/2 - 1 1/8
8MX-30S-21	30	3.008	1.10	GI	1108	1/2 - 1 1/8
PB8MX-30S-21	30	3.008	2.20	DI	MPB	1/2 - 1 13/16
8MX-31S-21	31	3.108	1.30	GI	1210	1/2 - 1 1/4
8MX-32S-21	32	3.208	1.40	DI	1210	1/2 - 1 1/4
PB8MX-32S-21	32	3.208	2.50	DI	MPB	1/2 - 2
8MX-33S-21	33	3.308	1.50	DI	1610	1/2 - 1 11/16
8MX-34S-21	34	3.409	1.60	DI	1610	1/2 - 1 11/16
8MX-35S-21	35	3.509	1.60	GI	1610	1/2 - 1 11/16
8MX-36S-21	36	3.609	1.80	DI-SIS	1610	1/2 - 1 11/16
8MX-37S-21	37	3.709	1.80	GI	1610	1/2 - 1 11/16
8MX-38S-21	38	3.810	1.90	GI-SIS	1610	1/2 - 1 11/16
8MX-39S-21	39	3.910	1.90	GI	1610	1/2 - 1 11/16
8MX-40S-21	40	4.010	2.28	DI-SIS	2012	1/2 - 2 1/8
8MX-41S-21	41	4.110	2.30	DI	2012	1/2 - 2 1/8
8MX-42S-21	42	4.211	2.50	GI	2012	1/2 - 2 1/8
8MX-45S-21	45	4.511	2.95	GI-SIS	2012	1/2 - 2 1/8
8MX-48S-21	48	4.812	3.36	GI	2012	1/2 - 2 1/8
8MX-50S-21	50	5.013	4.04	GI	2012	1/2 - 2 1/8
8MX-53S-21	53	5.314	4.50	GI	2012	1/2 - 2 1/8
8MX-56S-21	56	5.614	4.94	GI	2012	1/2 - 2 1/8
8MX-60S-21	60	6.015	6.43	GI	2012	1/2 - 2 1/8
8MX-63S-21	63	6.316	7.73	GI	2012	1/2 - 2 1/8
8MX-67S-21	67	6.717	8.28	GI	2517	1/2 - 2 11/16
8MX-71S-21	71	7.118	8.75	GI	2517	1/2 - 2 11/16
8MX-75S-21	75	7.519	9.21	GI	2517	1/2 - 2 11/16
8MX-80S-21	80	8.020	9.81	GI	2517	1/2 - 2 11/16
8MX-90S-21	90	9.030	12.82	GI	2517	1/2 - 2 11/16
8MX-112S-21	112	11.229	19.40	GI	2517	1/2 - 2 11/16
8MX-140S-21	140	14.036	26.80	GI	2517	1/2 - 2 11/16
8MX-180S-21	180	18.046	36.60	GI	3020	7/8 - 3 1/4
8MX-224S-21	224	22.457	50.10	GI	3020	7/8 - 3 1/4

### POLY CHAIN® GT®2 SPROCKETS

8MM PITCH SPROCKETS  
FOR BELTS 36MM WIDE  
PRODUCT NO. SERIES 7715 & 7718

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
PB8MX-22S-36	22	2.206	1.00	DI	MPB	1/2 - 1 3/16
PB8MX-25S-36	25	2.506	1.30	DI	MPB	1/2 - 1 1/2
PB8MX-28S-36	28	2.807	1.50	DI	MPB	1/2 - 1 3/4
PB8MX-30S-36	30	3.008	1.70	DI	MPB	1/2 - 1 3/16
8MX-32S-36	32	3.208	1.70	DI	1210	1/2 - 1 1/4
PB8MX-32S-36	32	3.208	3.90	DI	MPB	1/2 - 2
8MX-33S-36	33	3.308	1.50	DI	1610	1/2 - 1 11/16
8MX-34S-36	34	3.409	1.80	DI	1610	1/2 - 1 11/16
PB8MX-34S-36	34	3.409	4.30	DI	MPB	1/2 - 1 1/8
8MX-35S-36	35	3.509	1.80	DI	1610	1/2 - 1 11/16
8MX-36S-36	36	3.609	2.10	DI	1610	1/2 - 1 11/16
PB8MX-36S-36	36	3.609	4.30	DI	MPB	1/2 - 2 5/16
8MX-37S-36	37	3.709	2.10	DI	1610	1/2 - 1 11/16
8MX-38S-36	38	3.810	2.40	DI	1610	1/2 - 1 11/16
PB8MX-38S-36	38	3.810	4.40	DI	MPB	1/2 - 2 7/16
8MX-39S-36	39	3.910	2.40	DI	1610	1/2 - 1 11/16
8MX-40S-36	40	4.010	2.50	DI	2012	1/2 - 2 1/8
8MX-41S-36	41	4.110	2.80	DI	2012	1/2 - 2 1/8
8MX-42S-36	42	4.211	3.30	DI	2012	1/2 - 2 1/8
8MX-45S-36	45	4.511	3.40	GI	2012	1/2 - 2 1/8
8MX-48S-36	48	4.812	5.10	GI	2012	1/2 - 2 1/8
8MX-50S-36	50	5.013	5.10	GI	2012	1/2 - 2 1/8
8MX-53S-36	53	5.314	6.00	GI	2012	1/2 - 2 1/8
8MX-56S-36	56	5.614	6.60	GI	2012	1/2 - 2 1/8
8MX-60S-36	60	6.015	8.00	GI	2517	1/2 - 2 11/16
8MX-63S-36	63	6.316	9.30	GI	2517	1/2 - 2 11/16
8MX-67S-36	67	6.717	10.00	GI	2517	1/2 - 2 11/16
8MX-71S-36	71	7.118	12.00	GI	2517	1/2 - 2 11/16
8MX-75S-36	75	7.519	13.30	GI	2517	1/2 - 2 11/16
8MX-80S-36	80	8.020	15.30	GI	3020	7/8 - 3 1/4
8MX-90S-36	90	9.023	20.90	GI	3020	7/8 - 3 1/4
8MX-112S-36	112	11.229	29.70	GI	3020	7/8 - 3 1/4
8MX-140S-36	140	14.036	39.30	GI	3020	7/8 - 3 1/4
8MX-180S-36	180	18.046	48.90	GI	3020	7/8 - 3 1/4
8MX-224S-36	224	22.457	92.20	GI	3525	3/16 - 3 15/16

8MM PITCH SPROCKETS  
FOR BELTS 62MM WIDE  
PRODUCT NO. SERIES 7715 & 7718

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
PB8MX-22S-62	22	2.206	3.20	DI	MPB	1 - 1 3/16
PB8MX-25S-62	25	2.506	3.30	DI	MPB	1 - 1 1/2
PB8MX-28S-62	28	2.807	3.50	DI	MPB	1 - 1 3/4
PB8MX-30S-62	30	3.008	4.00	DI	MPB	1 - 1 3/16
PB8MX-32S-62	32	3.208	5.00	DI	MPB	1 - 2
8MX-34S-62	34	3.409	5.00	DI	1610	1/2 - 1 11/16
PB8MX-34S-62	34	3.409	5.70	DI	MPB	1 - 2 1/8
8MX-36S-62	36	3.609	5.30	DI	1610	1/2 - 1 11/16
PB8MX-36S-62	36	3.609	6.60	DI	MPB	1 - 2 5/16
8MX-38S-62	38	3.812	5.60	DI	1610	1/2 - 1 11/16
PB8MX-38S-62	38	3.812	7.40	DI	MPB	1 - 2 7/16
8MX-40S-62	40	4.010	5.90	DI	2012	1/2 - 2 1/8
PB8MX-40S-62	40	4.010	8.40	DI	MPB	1 - 2 9/16
8MX-42S-62	42	4.211	6.14	DI	2012	1/2 - 2 1/8
PB8MX-42S-62	42	4.211	9.60	DI	MPB	1 - 2 3/4
8MX-45S-62	45	4.511	6.50	DI	2012	1/2 - 2 1/8
PB8MX-45S-62	45	4.511	10.80	DI	MPB	1 - 2 3/4
8MX-48S-62	48	4.812	6.60	GI	2517	1/2 - 2 11/16
8MX-50S-62	50	5.013	6.70	GI	2517	1/2 - 2 11/16
8MX-53S-62	53	5.314	6.90	GI	2517	1/2 - 2 11/16
8MX-56S-62	56	5.614	7.20	GI	2517	1/2 - 2 11/16
8MX-60S-62	60	6.015	8.90	GI	3020	7/8 - 3 1/4
8MX-63S-62	63	6.316	10.30	GI	3020	7/8 - 3 1/4
8MX-67S-62	67	6.717	11.00	GI	3020	7/8 - 3 1/4
8MX-71S-62	71	7.118	13.50	GI	3020	7/8 - 3 1/4

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POLY CHAIN® GT®2 SPROCKETS

8MM PITCH SPROCKETS  
FOR BELTS 62MM WIDE  
PRODUCT NO. SERIES 7716 & 7719 (CONTINUED)

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
8MX-75S-62	75	7.519	15.40	GI	3020	7/8 - 3 1/4
8MX-80S-62	80	8.020	23.00	GI	3020	7/8 - 3 1/4
8MX-90S-62	90	9.023	32.70	GI	3020	7/8 - 3 1/4
8MX-112S-62	112	11.229	38.90	GI	3020	7/8 - 3 1/4
8MX-140S-62	140	14.036	54.50	GI	3525	1 3/16 - 3 15/16
8MX-180S-62	180	18.046	68.20	GI	3525	1 3/16 - 3 15/16
8MX-224S-62	224	22.457	92.30	GI	3525	1 3/16 - 3 15/16

14MM PITCH SPROCKETS  
FOR BELTS 20MM WIDE  
PRODUCT NO. SERIES 7716 & 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
14MX-28S-20	28	4.912	3.90	GI	2012	1/2 - 2 1/8
14MX-29S-20	29	5.088	4.50	GI	2012	1/2 - 2 1/8
14MX-30S-20	30	5.263	4.80	GI	2012	1/2 - 2 1/8
14MX-31S-20	31	5.439	5.50	GI	2012	1/2 - 2 1/8
14MX-32S-20	32	5.614	5.90	GI	2012	1/2 - 2 1/8
14MX-33S-20	33	5.790	6.30	GI	2012	1/2 - 2 1/8
14MX-34S-20	34	5.965	6.90	GI	2012	1/2 - 2 1/8
14MX-35S-20	35	6.141	7.30	GI	2012	1/2 - 2 1/8
14MX-36S-20	36	6.316	7.60	GI	2517	1/2 - 2 11/16
14MX-37S-20	37	6.492	8.20	GI	2517	1/2 - 2 11/16
14MX-38S-20	38	6.667	8.82	GI	2517	1/2 - 2 11/16
14MX-39S-20	39	6.842	9.80	GI	2517	1/2 - 2 11/16
14MX-40S-20	40	7.018	10.11	GI	2517	1/2 - 2 11/16
14MX-43S-20	43	7.544	11.87	GI	2517	1/2 - 2 11/16
14MX-45S-20	45	7.895	13.50	GI	3020	7/8 - 3 1/4
14MX-48S-20	48	8.421	16.44	GI	3020	7/8 - 3 1/4
14MX-50S-20	50	8.772	18.25	GI	3020	7/8 - 3 1/4
14MX-53S-20	53	9.299	20.50	GI	3020	7/8 - 3 1/4
14MX-56S-20	56	9.825	23.15	GI	3525	1 3/16 - 3 15/16
14MX-60S-20	60	10.527	27.45	GI	3525	1 3/16 - 3 15/16
14MX-63S-20	63	11.053	30.19	GI	3525	1 3/16 - 3 15/16
14MX-67S-20	67	11.755	31.25	GI	3525	1 3/16 - 3 15/16
14MX-71S-20	71	12.457	32.51	GI	3525	1 3/16 - 3 15/16
14MX-75S-20	75	13.158	36.15	GI	3525	1 3/16 - 3 15/16
14MX-80S-20	80	14.036	38.72	GI	3525	1 3/16 - 3 15/16
14MX-90S-20	90	15.790	41.29	GI	3525	1 3/16 - 3 15/16
14MX-112S-20	112	19.650	59.60	GI	3525	1 3/16 - 3 15/16
14MX-140S-20	140	24.562	94.80	GI	3525	1 3/16 - 3 15/16
14MX-168S-20	168	29.475	99.50	GI	3525	1 3/16 - 3 15/16
14MX-180S-20	180	31.580	135.00	GI	3525	1 3/16 - 3 15/16
14MX-200S-20	200	35.089	156.00	GI	3525	1 3/16 - 3 15/16
14MX-224S-20	224	39.300	150.20	GI	4030	1 7/16 - 4 7/16

### POLY CHAIN® GT®2 SPROCKETS

14MM PITCH SPROCKETS FOR BELTS 37MM WIDE  
PRODUCT NO. SERIES 7716 & 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
14MX-28S-37	28	4.912	4.20	GI	2012	1/2 - 2 1/8
14MX-28S-37	28	4.912	11.70	DI	MPB	1 - 2 15/16
14MX-29S-37	29	5.088	4.70	GI	2517	1/2 - 2 11/16
14MX-30S-37	30	5.263	5.00	GI	2517	1/2 - 2 11/16
14MX-31S-37	31	5.439	6.00	GI	2517	1/2 - 2 11/16
14MX-32S-37	32	5.614	7.20	GI	2517	1/2 - 2 11/16
14MX-33S-37	33	5.790	7.50	GI	2517	1/2 - 2 11/16
14MX-34S-37	34	5.965	7.80	GI	2517	1/2 - 2 11/16
14MX-35S-37	35	6.141	8.30	GI	2517	1/2 - 2 11/16
14MX-36S-37	36	6.316	8.80	GI	2517	1/2 - 2 11/16
14MX-37S-37	37	6.492	9.30	GI	2517	1/2 - 2 11/16
14MX-38S-37	38	6.667	10.80	GI	3020	7/8 - 3 1/4
14MX-39S-37	39	6.842	11.90	GI	3020	7/8 - 3 1/4
14MX-40S-37	40	7.018	12.20	GI	3020	7/8 - 3 1/4
14MX-43S-37	43	7.544	12.50	GI	3020	7/8 - 3 1/4
14MX-45S-37	45	7.895	15.80	GI	3020	7/8 - 3 1/4
14MX-48S-37	48	8.421	18.70	GI	3020	7/8 - 3 1/4
14MX-50S-37	50	8.772	21.10	GI	3020	7/8 - 3 1/4
14MX-53S-37	53	9.299	24.70	GI	3020	7/8 - 3 1/4
14MX-56S-37	56	9.825	28.20	GI	3525	1 3/16 - 3 15/16
14MX-60S-37	60	10.527	32.20	GI	3525	1 3/16 - 3 15/16
14MX-63S-37	63	11.053	42.80	GI	3525	1 3/16 - 3 15/16
14MX-67S-37	67	11.755	43.50	GI	3525	1 3/16 - 3 15/16
14MX-71S-37	71	12.457	44.10	GI	3525	1 3/16 - 3 15/16
14MX-75S-37	75	13.158	45.50	GI	3525	1 3/16 - 3 15/16
14MX-80S-37	80	14.036	48.70	GI	3525	1 3/16 - 3 15/16
14MX-90S-37	90	15.790	53.30	GI	3525	1 3/16 - 3 15/16
14MX-112S-37	112	19.650	87.00	GI	3525	1 3/16 - 3 15/16
14MX-140S-37	140	24.562	100.90	GI	3525	1 3/16 - 3 15/16
14MX-168S-37	168	29.475	179.00	GI	4030	1 7/16 - 4 7/16
14MX-180S-37	180	31.580	172.30	GI	4030	1 7/16 - 4 7/16
14MX-200S-37	200	35.089	185.40	GI	4030	1 7/16 - 4 7/16
14MX-224S-37	224	39.300	229.10	GI	4030	1 7/16 - 4 7/16

14MM PITCH SPROCKETS FOR BELTS 68MM WIDE  
PRODUCT NO. SERIES 7716 & 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
PB14MX-28S-68	28	4.912	13.40	DI	MPB	1 - 2 15/16
14MX-29S-68	29	5.088	13.80	GI	2517	1/2 - 2 11/16
PB14MX-29S-68	29	5.088	14.50	DI	MPB	1 - 3 3/16
14MX-30S-68	30	5.263	14.00	GI	2517	1/2 - 2 11/16
PB14MX-30S-68	30	5.263	15.70	DI	MPB	1 - 3 3/16
14MX-31S-68	31	5.439	14.30	GI	2517	1/2 - 2 11/16
PB14MX-31S-68	31	5.439	16.80	DI	MPB	1 - 3 7/16
14MX-32S-68	32	5.614	14.60	GI	2517	1/2 - 2 11/16
PB14MX-32S-68	32	5.614	18.00	DI	MPB	1 - 3 7/16
14MX-33S-68	33	5.790	14.90	GI	2517	1/2 - 2 11/16
PB14MX-33S-68	33	5.790	19.50	DI	MPB	1 - 3 1/2
14MX-34S-68	34	5.965	15.20	GI	2517	1/2 - 2 11/16
PB14MX-34S-68	34	5.965	21.10	DI	MPB	1 - 3 1/2
14MX-35S-68	35	6.141	15.50	DI	3020	7/8 - 3 1/4
14MX-36S-68	36	6.316	15.80	DI	3020	7/8 - 3 1/4
14MX-37S-68	37	6.492	16.10	GI	3020	7/8 - 3 1/4
14MX-38S-68	38	6.667	16.40	GI	3020	7/8 - 3 1/4
14MX-39S-68	39	6.842	16.70	GI	3020	7/8 - 3 1/4
14MX-40S-68	40	7.018	17.00	GI	3020	7/8 - 3 1/4
14MX-43S-68	43	7.544	17.20	GI	3020	7/8 - 3 1/4
14MX-45S-68	45	7.895	20.40	GI	3020	7/8 - 3 1/4
14MX-48S-68	48	8.421	24.60	DI	3525	3/16 - 3 15/16
14MX-50S-68	50	8.772	29.40	DI	3525	3/16 - 3 15/16
14MX-53S-68	53	9.299	35.70	GI	3525	3/16 - 3 15/16
14MX-56S-68	56	9.825	39.90	GI	3525	3/16 - 3 15/16
14MX-60S-68	60	10.527	50.60	GI	3525	3/16 - 3 15/16
14MX-63S-68	63	11.053	58.00	GI	3525	3/16 - 3 15/16
14MX-67S-68	67	11.755	60.00	GI	3525	3/16 - 3 15/16
14MX-71S-68	71	12.457	63.30	GI	3525	3/16 - 3 15/16

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POLY CHAIN® GT®2 SPROCKETS

14MM PITCH SPROCKETS  
FOR BELTS 68MM WIDE  
PRODUCT NO. SERIES 7716 & 7719 (CONTINUED)

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
14MX-75S-68	75	13.158	68.60	GI	3525	1 3/16 - 3 15/16
14MX-80S-68	80	14.036	76.30	GI	3525	1 3/16 - 3 15/16
14MX-90S-68	90	15.790	82.60	GI	4030	1 7/16 - 4 7/16
14MX-112S-68	112	19.650	100.37	GI	4030	1 7/16 - 4 7/16
14MX-140S-68	140	24.562	190.00	GI	4030	1 7/16 - 4 7/16
14MX-168S-68	168	29.475	239.10	GI	4535	1 15/16 - 4 15/16
14MX-180S-68	180	31.580	250.60	GI	4535	1 15/16 - 4 15/16
14MX-200S-68	200	35.089	262.50	GI	4535	1 15/16 - 4 15/16
14MX-224S-68	224	39.300	350.00	GI	5040	2 7/16 - 5

14MM PITCH SPROCKETS  
FOR BELTS 90MM WIDE  
PRODUCT NO. SERIES 7716 & 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
PB14MX-28S-90	28	4.912	17.40	DI	MPB	1 1/2 - 2 15/16
PB14MX-29S-90	29	5.088	18.90	DI	MPB	1 1/2 - 3 3/16
PB14MX-30S-90	30	5.263	20.30	DI	MPB	1 1/2 - 3 3/16
PB14MX-31S-90	31	5.439	21.80	DI	MPB	1 1/2 - 3 7/16
PB14MX-32S-90	32	5.614	23.20	DI	MPB	1 1/2 - 3 7/16
PB14MX-33S-90	33	5.790	25.20	DI	MPB	1 1/2 - 3 1/2
PB14MX-34S-90	34	5.965	27.20	DI	MPB	1 1/2 - 3 1/2
14MX-35S-90	35	6.141	22.90	DI	3020	7/8 - 3 1/4
PB14MX-35S-90	35	6.141	28.70	DI	MPB	1 1/2 - 3 13/16
14MX-36S-90	36	6.316	23.10	DI	3020	7/8 - 3 1/4
PB14MX-36S-90	36	6.316	30.30	DI	MPB	1 1/2 - 3 13/16
14MX-37S-90	37	6.492	23.40	GI	3020	7/8 - 3 1/4
PB14MX-37S-90	37	6.492	32.10	DI	MPB	1 1/2 - 4 1/8
14MX-38S-90	38	6.667	23.70	GI	3020	7/8 - 3 1/4
PB14MX-38S-90	38	6.667	33.90	DI	MPB	1 1/2 - 4 1/8
14MX-39S-90	39	6.842	24.00	GI	3020	7/8 - 3 1/4
PB14MX-39S-90	39	6.842	35.80	DI	MPB	1 1/2 - 4 3/8
14MX-40S-90	40	7.018	24.30	GI	3020	7/8 - 3 1/4
PB14MX-40S-90	40	7.018	37.70	DI	MPB	1 1/2 - 4 3/8
14MX-43S-90	43	7.544	24.70	DI	3525	1 3/16 - 3 15/16
14MX-45S-90	45	7.895	27.30	DI	3525	1 3/16 - 3 15/16
14MX-48S-90	48	8.421	29.30	DI	3525	1 3/16 - 3 15/16
14MX-50S-90	50	8.772	33.40	DI	3525	1 3/16 - 3 15/16
14MX-53S-90	53	9.299	42.10	GI	3525	1 3/16 - 3 15/16
14MX-56S-90	56	9.825	46.80	GI	4030	1 7/16 - 4 7/16
14MX-60S-90	60	10.527	50.45	GI	4030	1 7/16 - 4 7/16
14MX-63S-90	63	11.053	64.60	GI	4030	1 7/16 - 4 7/16
14MX-67S-90	67	11.755	70.00	GI	4030	1 7/16 - 4 7/16
14MX-71S-90	71	12.457	85.00	GI	4030	1 7/16 - 4 7/16
14MX-75S-90	75	13.158	86.70	GI	4030	1 7/16 - 4 7/16
14MX-80S-90	80	14.036	88.00	GI	4030	1 7/16 - 4 7/16
14MX-90S-90	90	15.790	124.20	GI	4030	1 7/16 - 4 7/16
14MX-112S-90	112	19.650	197.90	GI	4535	1 15/16 - 4 15/16
14MX-140S-90	140	24.562	240.00	GI	5040	2 7/16 - 5
14MX-168S-90	168	29.475	327.30	GI	6050	4 7/16 - 6
14MX-180S-90	180	31.580	335.90	GI	6050	4 7/16 - 6
14MX-200S-90	200	35.089	344.50	GI	6050	4 7/16 - 6
14MX-224S-90	224	39.300	589.00	GI	6050	4 7/16 - 6

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POLY CHAIN® GT®2 SPROCKETS

14MM PITCH SPROCKETS FOR BELTS 125MM WIDE  
PRODUCT NO. SERIES 7716 & 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
PB14MX-28S-125	28	4.912	22.00	DI	MPB	1 1/2 - 2 15/16
PB14MX-29S-125	29	5.087	23.70	DI	MPB	1 1/2 - 3 3/16
PB14MX-30S-125	30	5.263	25.40	DI	MPB	1 1/2 - 3 3/16
PB14MX-31S-125	31	5.438	27.30	DI	MPB	1 1/2 - 3 7/16
PB14MX-32S-125	32	5.614	29.20	DI	MPB	1 1/2 - 3 7/16
PB14MX-33S-125	33	5.790	31.80	DI	MPB	1 1/2 - 3 1/2
PB14MX-34S-125	34	5.965	34.30	DI	MPB	1 1/2 - 3 1/2
PB14MX-35S-125	35	6.140	36.20	DI	MPB	1 1/2 - 3 13/16
PB14MX-36S-125	36	6.315	38.00	DI	MPB	1 1/2 - 3 13/16
PB14MX-37S-125	37	6.491	40.30	DI	MPB	1 1/2 - 4 1/8
PB14MX-38S-125	38	6.666	42.50	DI	MPB	1 1/2 - 4 1/8
PB14MX-39S-125	39	6.842	44.90	DI	MPB	1 1/2 - 4 3/8
PB14MX-40S-125	40	7.017	47.20	DI	MPB	1 1/2 - 4 3/8
PB14MX-43S-125	43	7.543	55.50	DI	MPB	1 1/2 - 4 13/16
PB14MX-45S-125	45	7.894	61.30	DI	MPB	1 1/2 - 5
PB14MX-48S-125	48	8.421	68.70	DI	MPB	1 1/2 - 5 5/8
14MX-50S-125	50	8.771	39.40	GI	4535	1 15/16 - 4 15/16
14MX-53S-125	53	9.290	50.10	GI	4535	1 15/16 - 4 15/16
14MX-56S-125	56	9.824	52.60	GI	4535	1 15/16 - 4 15/16
14MX-60S-125	60	10.526	63.30	GI	4535	1 15/16 - 4 15/16
14MX-63S-125	63	11.052	77.20	GI	4535	1 15/16 - 4 15/16
14MX-67S-125	67	11.754	93.80	GI	4535	1 15/16 - 4 15/16
14MX-71S-125	71	12.455	93.00	GI	5040	2 7/16 - 5
14MX-75S-125	75	13.157	132.80	GI	5040	2 7/16 - 5
14MX-80S-125	80	14.034	137.00	GI	5040	2 7/16 - 5
14MX-90S-125	90	15.790	121.00	GI	5040	2 7/16 - 5
14MX-112S-125	112	19.650	210.60	GI	6050	4 7/16 - 6
14MX-140S-125	140	24.560	270.30	GI	6050	4 7/16 - 6
14MX-168S-125	168	29.472	345.20	GI	7060	4 15/16 - 7
14MX-180S-125	180	31.580	365.20	GI	7060	4 15/16 - 7
14MX-200S-125	200	35.086	373.50	GI	7060	4 15/16 - 7
14MX-224S-125	224	39.300	482.30	GI	7060	4 15/16 - 7

14MM PITCH POLY CHAIN GT2 FIN-FAN \*\*SPROCKETS FOR BELTS 37MM WIDE  
PRODUCT NO. SERIES 7719

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
F14MX-180S-37	180	31.580	120.00	GI	3020	7/8 - 3 1/4
F14MX-200S-37	200	35.086	130.00	GI	3020	7/8 - 3 1/4
F14MX-224S-37	224	39.296	177.00	GI	3020	7/8 - 3 1/4

FOR BELTS 20MM WIDE  
PRODUCT NO. SERIES 7727

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
F14M-28S-20	28	4.912	3.90	GI	SK	1/2 - 2 1/2
F14M-29S-20	29	5.088	4.50	GI	SK	1/2 - 2 1/2
F14M-30S-20	30	5.263	4.80	GI	SK	1/2 - 2 1/2
F14M-31S-20	31	5.439	5.50	GI	SK	1/2 - 2 1/2
F14M-32S-20	32	5.614	5.90	GI	SK	1/2 - 2 1/2
F14M-33S-20	33	5.790	6.30	GI	SK	1/2 - 2 1/2
F14M-34S-20	34	5.965	6.90	GI	SK	1/2 - 2 1/2
F14M-35S-20	35	6.141	7.30	GI	SK	1/2 - 2 1/2
F14M-140S-20	140	24.560	66.10	GI	E	7/8 - 3 1/2
F14M-168S-20	168	29.472	90.00	GI	F	1 - 3 15/16
F14M-180S-20	180	31.580	107.30	GI	F	1 - 3 15/16
F14M-200S-20	200	35.086	119.00	GI	F	1 - 3 15/16
F14M-224S-20	224	39.300	125.00	GI	F	1 - 3 15/16

FOR BELTS 37MM WIDE  
PRODUCT NO. SERIES 7727

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
F14M-28S-37	28	4.912	4.20	GI	SK	1/2 - 2 1/2
F14M-29S-37	29	5.088	4.70	GI	SK	1/2 - 2 1/2
F14M-30S-37	30	5.263	5.00	GI	SK	1/2 - 2 1/2
F14M-31S-37	31	5.439	6.00	GI	SK	1/2 - 2 1/2
F14M-32S-37	32	5.614	7.10	GI	SK	1/2 - 2 1/2
F14M-33S-37	33	5.790	7.50	GI	SK	1/2 - 2 1/2
F14M-34S-37	34	5.965	7.80	GI	SK	1/2 - 2 1/2
F14M-35S-37	35	6.141	8.30	GI	SK	1/2 - 2 1/2
F14M-180S-37	180	31.580	120.00	GI	E	7/8 - 3 1/2
F14M-200S-37	200	35.089	130.00	GI	E	7/8 - 3 1/2
F14M-224S-37	224	39.300	177.00	GI	E	7/8 - 3 1/2

## POLY CHAIN® GT®2 SPROCKETS- STAINLESS STEEL

### MARKETS / APPLICATIONS

Use with Poly Chain® GT®2 belts. Stainless steel Poly Chain® GT®2 sprockets are ideal for the food and beverage market or where non-corrosive sprockets are needed to prevent rust.

### FEATURES / ADVANTAGES

- Cost effective alternative to stainless roller chain drives.
- Taper-Lock bushing save shaft space allowing load to be close to bearing.
- Can be used with rim speeds of 8,000 fpm.

### Notes

Sprocket part numbers are comprised of pitch, number of grooves and width. For example, part number SS8MX-28S-12 denotes "SS" for stainless steel, 8mm pitch, 28 grooves, "S" for sprocket and 12mm width.



On a sprocket, pitch is the distance between groove centers and is measured on the pitch circle of the sprocket. The pitch circle of the sprocket coincides with the pitch line of the belt mating with it. The pitch diameter of the sprocket is always greater than its outside diameter.

## STAINLESS STEEL TAPER-LOCK SPROCKETS FOR POLYCHAIN® GT®2 BELTS

8MM PITCH SPROCKETS - FOR BELTS 12MM WIDE  
PRODUCT NO. SERIES 7769

Part No.	No. of Grooves	Pitch Dia. (In)	Material	Bore or Bushing	Bore range (in.)	Wt Ea (lbs)
SS 8MX-28S-12 MPB	28	2.807	SS	MPB	1/2 - 1 3/4	1.40
SS 8MX-28S-12	28	2.807	SS	1108	1/2 - 1 1/8	0.90
SS 8MX-29S-12 MPB	29	2.907	SS	MPB	1/2 - 1 3/4	1.50
SS 8MX-29S-12	29	2.907	SS	1108	1/2 - 1 1/8	0.90
SS 8MX-30S-12 MPB	30	3.008	SS	MPB	1/2 - 1 13/16	1.60
SS 8MX-30S-12	30	3.008	SS	1108	1/2 - 1 1/8	1.00
SS 8MX-32S-12 MPB	32	3.208	SS	MPB	1/2 - 2	1.70
SS 8MX-32S-12	32	3.208	SS	1210	1/2 - 1 1/4	1.20
SS 8MX-34S-12 MPB	34	3.409	SS	MPB	1/2 - 2 1/8	1.80
SS 8MX-34S-12	34	3.409	SS	1610	1/2 - 1 11/16	1.30
SS 8MX-36S-12	36	3.609	SS	1610	1/2 - 1 11/16	1.40
SS 8MX-38S-12	38	3.810	SS	1610	1/2 - 1 11/16	1.60
SS 8MX-40S-12	40	4.010	SS	2012	1/2 - 2 1/8	1.90
SS 8MX-42S-12	42	4.211	SS	2012	1/2 - 2 1/8	2.30
SS 8MX-45S-12	45	4.511	SS	2012	1/2 - 2 1/8	2.50
SS 8MX-48S-12	48	4.812	SS	2012	1/2 - 2 1/8	2.70
SS 8MX-50S-12	50	5.013	SS	2012	1/2 - 2 1/8	3.10
SS 8MX-53S-12	53	5.314	SS	2012	1/2 - 2 1/8	3.70
SS 8MX-56S-12	56	5.514	SS	2012	1/2 - 2 1/8	4.20
SS 8MX-60S-12	60	6.015	SS	2012	1/2 - 2 1/8	4.90

8MM PITCH SPROCKETS - FOR BELTS 21MM WIDE  
PRODUCT NO. SERIES 7769

Part No.	No. of Grooves	Pitch Dia. (In)	Material	Bore or Bushing	Bore range (in.)	Wt Ea (lbs)
SS 8MX-28S-21 MPB	28	2.807	SS	MPB	1/2 - 1 3/4	1.80
SS 8MX-28S-21	28	2.807	SS	1108	1/2 - 1 1/8	2.10
SS 8MX-29S-21 MPB	29	2.907	SS	MPB	1/2 - 1 3/4	2.00
SS 8MX-29S-21	29	2.907	SS	1108	1/2 - 1 1/8	2.30
SS 8MX-30S-21 MPB	30	3.008	SS	MPB	1/2 - 1 13/16	2.20
SS 8MX-30S-21	30	3.008	SS	1108	1/2 - 1 1/8	1.90
SS 8MX-32S-21 MPB	32	3.208	SS	MPB	1/2 - 2	2.50
SS 8MX-32S-21	32	3.208	SS	1210	1/2 - 1 1/4	2.50
SS 8MX-34S-21 MPB	34	3.409	SS	MPB	1/2 - 2	2.70
SS 8MX-34S-21	34	3.409	SS	1610	1/2 - 1 11/16	3.00
SS 8MX-36S-21	36	3.609	SS	1610	1/2 - 1 11/16	2.10
SS 8MX-38S-21	38	3.810	SS	1610	1/2 - 1 11/16	2.30
SS 8MX-40S-21	40	4.010	SS	2012	1/2 - 2 1/8	2.30
SS 8MX-42S-21	42	4.211	SS	2012	1/2 - 2 1/8	2.50
SS 8MX-45S-21	45	4.511	SS	2012	1/2 - 2 1/8	3.00
SS 8MX-48S-21	48	4.812	SS	2012	1/2 - 2 1/8	3.40
SS 8MX-50S-21	50	5.013	SS	2012	1/2 - 2 1/8	3.90
SS 8MX-53S-21	53	5.314	SS	2012	1/2 - 2 1/8	4.40
SS 8MX-56S-21	56	5.514	SS	2012	1/2 - 2 1/8	4.80
SS 8MX-60S-21	60	6.015	SS	2012	1/2 - 2 1/8	7.70

# POLY CHAIN® GT®2 SPROCKETS- NICKEL PLATED

### MARKETS / APPLICATIONS

Use with Poly Chain® GT® 2 belts. Nickel plated sprockets are ideal for chemical processing, gas/oil production, kilns, HVAC and wash down applications.

### FEATURES / ADVANTAGES

- Nickel plated sprockets are corrosion resistant, preventing rust build-up and increasing product life.
- Narrower sprocket design transmits higher horsepower.
- Taper-Lock® bushing save shaft space allowing load to be closer to bearing.
- Sprockets are precision manufactured and static balanced.



### Notes

Sprocket part numbers are comprised of number of grooves, pitch and width. For example, part number NP14MX-30S-20 denotes "NP" for nickel plated, 14mm pitch, 30 grooves, "S" for sprocket and 20mm width.

On a sprocket, pitch is the distance between groove centers and is measured on the pitch circle of the sprocket. The pitch circle coincides with the pitch line of the belt mating with it. The pitch diameter of the sprocket is always greater than its outside diameter. **Abbreviations used for sprocket materials: GI= Gray Iron DI= Ductile Iron SiS= Sintered Steel ST= Steel**

**WARNING:** Do **NOT** use these sprockets with rim speeds in excess of 6,500 fpm.

## POLY CHAIN® GT®2 SPROCKETS- NICKEL PLATED

8MM PITCH SPROCKETS FOR BELTS 21MM WIDE  
PRODUCT NO. SERIES 7707

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
NP 8MX-22S-21	22	2.206	0.80	NP-DI	1008	1/2 - 1 1/8
NP 8MX-25S-21	25	2.506	0.90	NP-SS	1108	1/2 - 1 1/8
NP 8MX-26S-21	26	2.607	1.00	NP-CI	1108	1/2 - 1 1/8
NP 8MX-27S-21	27	2.707	1.10	NP-CI	1108	1/2 - 1 1/8
NP 8MX-28S-21	28	2.807	1.10	NP-CI	1108	1/2 - 1 1/8
NP 8MX-29S-21	29	2.907	1.20	NP-CI	1108	1/2 - 1 1/8
NP 8MX-30S-21	30	3.008	1.30	NP-CI	1108	1/2 - 1 1/8
NP 8MX-31S-21	31	3.108	1.60	NP-DI	1210	1/2 - 1 1/4
NP 8MX-32S-21	32	3.208	1.60	NP-SS	1210	1/2 - 1 1/4
NP 8MX-33S-21	33	3.308	1.60	NP-DI	1610	1/2 - 1 11/16
NP 8MX-34S-21	34	3.409	1.87	NP-SS	1610	1/2 - 1 11/16
NP 8MX-35S-21	35	3.509	1.90	NP-CI	1610	1/2 - 1 11/16
NP 8MX-36S-21	36	3.609	2.10	NP-SS	1610	1/2 - 1 11/16
NP 8MX-37S-21	37	3.709	2.10	NP-CI	1610	1/2 - 1 11/16
NP 8MX-38S-21	38	3.810	2.28	NP-SS	1610	1/2 - 1 11/16
NP 8MX-39S-21	39	3.910	2.38	NP-CI	1610	1/2 - 1 11/16
NP 8MX-40S-21	40	4.010	2.50	NP-SS	2012	1/2 - 2 1/8
NP 8MX-41S-21	41	4.110	2.50	NP-DI	2012	1/2 - 2 1/8
NP 8MX-42S-21	42	4.211	2.95	NP-CI	2012	1/2 - 2 1/8
NP 8MX-45S-21	45	4.511	3.00	NP-SS	2012	1/2 - 2 1/8
NP 8MX-48S-21	48	4.812	3.36	NP-CI	2012	1/2 - 2 1/8
NP 8MX-50S-21	50	5.013	4.04	NP-CI	2012	1/2 - 2 1/8
NP 8MX-53S-21	53	5.314	4.50	NP-CI	2012	1/2 - 2 1/8
NP 8MX-56S-21	56	5.614	4.94	NP-CI	2012	1/2 - 2 1/8
NP 8MX-60S-21	60	6.015	6.43	NP-CI	2012	1/2 - 2 1/8
NP 8MX-63S-21	63	6.316	7.73	NP-CI	2012	1/2 - 2 1/8
NP 8MX-67S-21	67	6.717	8.28	NP-CI	2517	1/2 - 2 11/16
NP 8MX-71S-21	71	7.118	8.75	NP-CI	2517	1/2 - 2 11/16
NP 8MX-75S-21	75	7.519	9.21	NP-CI	2517	1/2 - 2 11/16
NP 8MX-80S-21	80	8.020	9.81	NP-CI	2517	1/2 - 2 11/16
NP 8MX-90S-21	90	9.023	12.82	NP-GI	2517	1/2 - 2 11/16
NP 8MX-112S-21	112	11.229	19.40	NP-GI	2517	1/2 - 2 11/16
NP 8MX-140S-21	140	14.036	26.80	NP-GI	2517	1/2 - 2 11/16
NP 8MX-180S-21	180	18.046	36.60	NP-GI	3020	7/8 - 3 1/4
NP 8MX-224S-21	224	22.457	50.10	NP-GI	3020	7/8 - 3 1/4



### POLY CHAIN® GT®2 SPROCKETS- NICKEL PLATED

14MM PITCH SPROCKETS  
FOR BELTS 20MM WIDE  
PRODUCT NO. SERIES 7707 (CONTINUED)

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing	Bore range (in.)
NP 14MX-28S-20	28	4.912	3.90	NP-GI	2012	1/2 - 2 1/8
NP 14MX-29S-20	29	5.088	4.50	NP-GI	2012	1/2 - 2 1/8
NP 14MX-30S-20	30	5.263	4.80	NP-GI	2012	1/2 - 2 1/8
NP 14MX-31S-20	31	5.439	5.50	NP-GI	2012	1/2 - 2 1/8
NP 14MX-32S-20	32	5.614	5.90	NP-GI	2012	1/2 - 2 1/8
NP 14MX-33S-20	33	5.790	6.30	NP-GI	2012	1/2 - 2 1/8
NP 14MX-34S-20	34	5.965	6.90	NP-GI	2012	1/2 - 2 1/8
NP 14MX-35S-20	35	6.141	7.30	NP-GI	2012	1/2 - 2 1/8
NP 14MX-36S-20	36	6.316	7.60	NP-GI	2517	1/2 - 2 11/16
NP 14MX-37S-20	37	6.492	8.20	NP-GI	2517	1/2 - 2 11/16
NP 14MX-38S-20	38	6.667	8.82	NP-GI	2517	1/2 - 2 11/16
NP 14MX-39S-20	39	6.842	9.80	NP-GI	2517	1/2 - 2 11/16
NP 14MX-40S-20	40	7.018	10.11	NP-GI	2517	1/2 - 2 11/16
NP 14MX-43S-20	43	7.544	11.67	NP-GI	2517	1/2 - 2 11/16
NP 14MX-45S-20	45	7.895	13.50	NP-GI	3020	7/8 - 2 11/16
NP 14MX-48S-20	48	8.421	16.44	NP-GI	3020	7/8 - 3 1/4
NP 14MX-50S-20	50	8.772	18.25	NP-GI	3020	7/8 - 3 1/4
NP 14MX-53S-20	53	9.299	20.50	NP-GI	3020	7/8 - 3 1/4
NP 14MX-56S-20	56	9.825	23.15	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-60S-20	60	10.527	27.45	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-63S-20	63	11.053	30.19	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-67S-20	67	11.755	31.25	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-71S-20	71	12.457	32.51	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-75S-20	75	13.158	35.43	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-80S-20	80	14.036	36.15	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-90S-20	90	15.790	41.29	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-112S-20	112	19.650	59.60	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-140S-20	140	24.562	66.10	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-168S-20	168	29.475	99.50	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-180S-20	180	31.580	107.30	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-200S-20	200	35.089	119.00	NP-GI	3525	1 3/16 - 3 15/16
NP 14MX-224S-20	224	39.300	150.20	NP-GI	4030	1 7/16 - 4 7/16

# POLY CHAIN® GT®2 SINGLE-DOUBLE SPROCKETS

### MARKETS / APPLICATIONS

Use with PowerChain® GT®2 belts. Single-Double sprockets are ideal for applications requiring multiple sprockets on a single shaft.

### FEATURES / ADVANTAGES

- Increased efficiency and cost effective alternative to using side-by-side single sprockets.

#### Notes

Single-Double sprockets are available in stainless steel or ductile iron. Sprocket part numbers are comprised of pitch, number of grooves and width. For example, part number SS 8MX-32S-12-21 denotes "SS" for stainless steel, 8mm pitch, 32 grooves, 'S' for sprocket and 12mm plus 21mm width.

On sprocket, pitch is the distance between groove centers and is measured on the pitch circle of the sprocket. The pitch circle of the sprocket coincides with the pitch line of the belt mating with it. The pitch diameter of the sprocket is always greater than its outside diameter.



## POLY CHAIN® GT®2 SINGLE-DOUBLE SPROCKETS

PRODUCT NO. SERIES 7769 & 7718

8MM PITCH SPROCKETS FOR BELTS 12MM & 12MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing
SS8MX-32S-12-12-SD	32	3.208	1.75	SS	1210
SS8MX-34S-12-12-SD	34	3.409	2.05	SS	1610
SS8MX-36S-12-12-SD	36	3.609	2.34	SS	1610
8MX-32S-12-12-SD	32	3.208	1.50	DI	1210
8MX-34S-12-12-SD	34	3.409	1.80	DI	1610
8MX-36S-12-12-SD	36	3.609	2.10	DI	1610

### FOR BELTS 12MM & 21MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing
SS8MX-32S-12-21-SD	32	3.208	1.85	SS	1210
SS8MX-34S-12-21-SD	34	3.409	2.15	SS	1610
SS8MX-36S-12-21-SD	36	3.609	2.45	SS	1610
8MX-32S-12-21-SD	32	3.208	1.60	DI	1210
8MX-34S-12-21-SD	34	3.409	1.90	DI	1610
8MX-36S-12-21-SD	36	3.609	2.20	DI	1610

### FOR BELTS 21MM & 12MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing
SS8MX-32S-21-12-SD	32	3.208	1.85	SS	1210
SS8MX-34S-21-12-SD	34	3.409	2.15	SS	1610
SS8MX-36S-21-12-SD	36	3.609	2.45	SS	1610
8MX-32S-21-12-SD	32	3.208	1.60	DI	1210
8MX-34S-21-12-SD	34	3.409	1.90	DI	1610
8MX-36S-21-12-SD	36	3.609	2.20	DI	1610

### FOR BELTS 21MM & 21MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt. Ea (Lbs.)	Material	Bore or Bushing
SS8MX-32S-21-21-SD	32	3.208	2.00	SS	1210
SS8MX-34S-21-21-SD	34	3.409	2.30	SS	1610
SS8MX-36S-21-21-SD	36	3.609	2.60	SS	1610
8MX-32S-21-21-SD	32	3.208	1.75	DI	1210
8MX-34S-21-21-SD	34	3.409	2.05	DI	1610
8MX-36S-21-21-SD	36	3.609	2.35	DI	1610

# POWERGRIP® GT®2 SPROCKETS - 8MGT & 14MGT

### MARKETS / APPLICATIONS

Use with PowerGrip® GT®2 and PowerGrip GT Belts.

### FEATURES / ADVANTAGES

- Full split in bushing allows easy installation and removal.
- Precise sprocket design produces positive, press fit to shaft.
- Smaller, narrower sprockets save shaft space allowing load to be closer to bearing.

#### Notes

Sprocket part numbers are comprised of number of grooves pitch and width. For example, part number P27-8MGT-30 denotes 27 grooves, 8mm pitch and 30mm width.

On a sprocket, pitch is the distance between groove centers and is measured on the pitch circle of the sprocket. The pitch circle of the sprocket coincides with the pitch line of the belt mating with it. The pitch diameter of the sprocket is always greater than its outside diameter.

Abbreviation used for sprocket materials: GI= Gray Iron DI= Ductile Iron SIS= Sintered Steel ST= Steel

**WARNING:** Do NOT use these sprockets with rim speeds in excess of 6,500fpm.



## TAPER-LOCK\* SPROCKETS FOR POWERGRIP® GT®2 BELTS

### PRODUCT NO. SERIES 7708

#### 8MM PITCH SPROCKETS FOR BELTS 20MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P22-8MGT-20	22	2.206	0.53	DI	1108	1/2 - 1 1/8
P24-8MGT-20	24	2.406	0.72	DI	1108	1/2 - 1 1/8
P26-8MGT-20	26	2.607	0.93	DI	1108	1/2 - 1 1/8
P28-8MGT-20	28	2.807	1.19	DI	1108	1/2 - 1 1/8
P30-8MGT-20	30	3.008	1.30	DI	1210	1/2 - 1 1/4
P32-8MGT-20	32	3.208	1.45	DI	1210	1/2 - 1 1/4
P34-8MGT-20	34	3.409	1.60	DI	1610	1/2 - 1 11/16
P36-8MGT-20	36	3.609	1.90	DI	1610	1/2 - 1 11/16
P38-8MGT-20	38	3.810	2.30	GI	1610	1/2 - 1 11/16
P40-8MGT-20	40	4.010	2.60	GI	1610	1/2 - 1 11/16
P44-8MGT-20	44	4.411	2.84	GI	2012	1/2 - 2 1/8
P48-8MGT-20	48	4.812	3.76	GI	2012	1/2 - 2 1/8
P56-8MGT-20	56	5.614	5.68	GI	2012	1/2 - 2 1/8
P64-8MGT-20	64	6.416	7.84	GI	2012	1/2 - 2 1/8
P72-8MGT-20	72	7.218	10.31	GI	2012	1/2 - 2 1/8
P80-8MGT-20	80	8.020	13.69	GI	2517	1/2 - 2 11/16
P90-8MGT-20	90	9.023	14.38	GI	2517	1/2 - 2 11/16

#### 8MM PITCH SPROCKETS FOR BELTS 30MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P22-8MGT-30	22	2.206	0.66	DI	1108	1/2 - 1 1/8
P24-8MGT-30	24	2.406	0.91	DI	1108	1/2 - 1 1/8
P26-8MGT-30	26	2.607	1.11	DI	1108	1/2 - 1 1/8
P28-8MGT-30	28	2.807	1.54	GI	1108	1/2 - 1 1/8
P30-8MGT-30	30	3.008	1.50	DI	1210	1/2 - 1 1/4
P32-8MGT-30	32	3.208	1.25	DI	1210	1/2 - 1 1/4
P34-8MGT-30	34	3.409	1.81	DI	1610	1/2 - 1 11/16
P36-8MGT-30	36	3.609	2.24	DI	1610	1/2 - 1 11/16
P38-8MGT-30	38	3.810	2.35	DI	1610	1/2 - 1 11/16
P40-8MGT-30	40	4.010	2.56	GI	2012	1/2 - 2 1/8
P44-8MGT-30	44	4.411	3.20	GI	2012	1/2 - 2 1/8
P48-8MGT-30	48	4.812	4.34	GI	2012	1/2 - 2 1/8
P56-8MGT-30	56	5.614	6.67	GI	2012	1/2 - 2 1/8
P64-8MGT-30	64	6.416	9.54	GI	2517	1/2 - 2 11/16
P72-8MGT-30	72	7.218	12.76	GI	2517	1/2 - 2 11/16
P80-8MGT-30	80	8.020	16.57	GI	2517	1/2 - 2 11/16
P90-8MGT-30	90	9.023	16.81	GI	2517	1/2 - 2 11/16
P112-8MGT-30	112	11.229	25.50	GI	2517	1/2 - 2 11/16
P144-8MGT-30	144	14.437	29.40	GI	2517	1/2 - 2 11/16

## TAPER-LOCK\* SPROCKETS FOR POWERGRIP® GT®2 BELTS

PRODUCT NO. SERIES 7708

### 8MM PITCH SPROCKETS FOR BELTS 50MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P28-8MGT-50-MPB	28	2.807	2.20	DI	MPB	1/2 - 1 1/2
P30-8MGT-50	30	3.008	2.40	DI	1210	1/2 - 1 1/4
P32-8MGT-50	32	3.208	2.40	DI	1210	1/2 - 1 1/4
P34-8MGT-50	34	3.409	2.75	DI	1610	1/2 - 1 11/16
P36-8MGT-50	36	3.609	3.18	GI	1610	1/2 - 1 11/16
P38-8MGT-50	38	3.810	3.39	GI	1610	1/2 - 1 11/16
P40-8MGT-50	40	4.010	3.80	DI	2012	1/2 - 2 1/8
P44-8MGT-50	44	4.411	4.58	GI	2012	1/2 - 2 1/8
P48-8MGT-50	48	4.812	5.97	GI	2012	1/2 - 2 1/8
P56-8MGT-50	56	5.614	8.09	GI	2517	1/2 - 2 11/16
P64-8MGT-50	64	6.416	11.85	GI	2517	1/2 - 2 11/16
P72-8MGT-50	72	7.218	16.49	GI	2517	1/2 - 2 11/16
P80-8MGT-50	80	8.020	20.85	GI	2517	1/2 - 2 11/16
P90-8MGT-50	90	9.023	26.69	GI	3020	7/8 - 3 1/4
P112-8MGT-50	112	11.229	35.52	GI	3020	7/8 - 3 1/4
P144-8MGT-50	144	14.437	51.30	DI	3020	7/8 - 3 1/4
P192-8MGT-50	192	19.249	90.00	GI	3020	7/8 - 3 1/4

### 8MM PITCH SPROCKETS FOR BELTS 85MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P34-8MGT-85	34	3.409	3.85	GI	1615	1/2 - 1 11/16
P36-8MGT-85	36	3.609	4.31	GI	1615	1/2 - 1 11/16
P38-8MGT-85	38	3.810	4.56	GI	1610	1/2 - 1 11/16
P40-8MGT-85	40	4.010	4.90	DI	2012	1/2 - 2 1/8
P44-8MGT-85	44	4.411	5.96	GI	2012	1/2 - 2 1/8
P48-8MGT-85	48	4.812	7.64	GI	2012	1/2 - 2 1/8
P56-8MGT-85	56	5.614	10.77	GI	2517	1/2 - 2 11/16
P64-8MGT-85	64	6.416	16.91	GI	2517	1/2 - 2 11/16
P72-8MGT-85	72	7.218	17.67	GI	3020	7/8 - 3 1/4
P80-8MGT-85	80	8.020	22.25	GI	3020	7/8 - 3 1/4
P90-8MGT-85	90	9.023	32.76	GI	3020	7/8 - 3 1/4
P112-8MGT-85	112	11.229	37.84	GI	3020	7/8 - 3 1/4
P144-8MGT-85	144	14.437	78.00	GI	3535	1 3/16 - 3 15/16
P192-8MGT-85	192	19.249	110.20	GI	3535	1 3/16 - 3 15/16

### TAPER-LOCK\* SPROCKETS FOR POWERGRIP® GT®2 BELTS

PRODUCT NO. SERIES 7711

#### 14MM PITCH SPROCKETS FOR BELTS 40MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P28-14MGT-40	28	4.912	6.03	GI	2012	1/2 - 2 1/8
P29-14MGT-40	29	5.088	6.61	GI	2012	1/2 - 2 1/8
P30-14MGT-40	30	5.263	6.66	GI	2012	1/2 - 2 1/8
P32-14MGT-40	32	5.614	8.05	GI	2012	1/2 - 2 1/8
P34-14MGT-40	34	5.965	9.52	GI	2012	1/2 - 2 1/8
P36-14MGT-40	36	6.316	10.76	GI	2517	1/2 - 2 11/16
P38-14MGT-40	38	6.669	12.45	GI	2517	1/2 - 2 11/16
P40-14MGT-40	40	7.018	14.71	GI	2517	1/2 - 2 11/16
P44-14MGT-40	44	7.720	18.67	GI	2517	1/2 - 2 11/16
P48-14MGT-40	48	8.421	22.27	GI	2517	1/2 - 2 11/16
P52-14MGT-40	52	9.123	27.03	GI	2517	1/2 - 2 11/16
P56-14MGT-40	56	9.825	28.28	GI	2517	1/2 - 2 11/16
P60-14MGT-40	60	10.527	29.53	GI	3020	7/8 - 3 1/4
P64-14MGT-40	64	11.229	32.54	GI	3020	7/8 - 3 1/4
P68-14MGT-40	68	11.930	32.67	GI	3020	7/8 - 3 1/4
P72-14MGT-40	72	12.632	32.89	GI	3020	7/8 - 3 1/4
P80-14MGT-40	80	14.036	33.10	GI	3020	7/8 - 3 1/4
P90-14MGT-40	90	15.790	39.00	GI	3020	7/8 - 3 1/4
P112-14MGT-40	112	19.650	89.90	GI	3020	7/8 - 3 1/4
P144-14MGT-40	144	25.264	104.24	GI	3020	7/8 - 3 1/4
P168-14MGT-40	168	29.475	115.00	GI	3020	7/8 - 3 1/4
P192-14MGT-40	192	33.686	120.00	GI	3020	7/8 - 3 1/4

#### 14MM PITCH SPROCKETS FOR BELTS 55MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P28-14MGT-55	28	4.912	7.38	GI	2012	1/2 - 2 1/8
P29-14MGT-55	29	5.088	7.81	GI	2012	1/2 - 2 1/8
P30-14MGT-55	30	5.263	8.23	GI	2517	1/2 - 2 11/16
P32-14MGT-55	32	5.614	9.09	GI	2517	1/2 - 2 11/16
P34-14MGT-55	34	5.965	11.11	GI	2517	1/2 - 2 11/16
P36-14MGT-55	36	6.316	12.36	GI	2517	1/2 - 2 11/16
P38-14MGT-55	38	6.669	15.31	GI	2517	1/2 - 2 11/16
P40-14MGT-55	40	7.018	16.66	GI	2517	1/2 - 2 11/16
P44-14MGT-55	44	7.720	20.72	GI	2517	1/2 - 2 11/16
P48-14MGT-55	48	8.421	24.21	GI	3020	7/8 - 3 1/4
P52-14MGT-55	52	9.123	29.26	GI	3020	7/8 - 3 1/4
P56-14MGT-55	56	9.825	34.87	GI	3020	7/8 - 3 1/4
P60-14MGT-55	60	10.527	41.55	GI	3020	7/8 - 3 1/4
P64-14MGT-55	64	11.229	43.04	GI	3020	7/8 - 3 1/4
P68-14MGT-55	68	11.930	44.53	GI	3020	7/8 - 3 1/4
P72-14MGT-55	72	12.632	47.51	GI	3020	7/8 - 3 1/4
P80-14MGT-55	80	14.036	50.83	GI	3020	7/8 - 3 1/4
P90-14MGT-55	90	15.790	55.00	GI	3020	7/8 - 3 1/4
P112-14MGT-55	112	19.650	104.00	GI	3020	7/8 - 3 1/4
P144-14MGT-55	144	25.264	108.00	GI	3020	7/8 - 3 1/4
P168-14MGT-55	168	29.475	124.00	GI	3020	7/8 - 3 1/4
P192-14MGT-55	192	33.686	140.00	GI	3535	1 3/16 - 3 15/16

### TAPER-LOCK\* SPROCKETS FOR POWERGRIP® GT®2 BELTS

PRODUCT NO. SERIES 7711

#### 14MM PITCH SPROCKETS FOR BELTS 85MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P28-14MGT-85	28	4.912	10.13	GI	2012	1/2 - 2 1/8
P29-14MGT-85	29	5.088	11.42	GI	2012	1/2 - 2 1/8
P30-14MGT-85	30	5.263	11.87	GI	2517	1/2 - 2 11/16
P32-14MGT-85	32	5.614	12.36	GI	2517	1/2 - 2 11/16
P34-14MGT-85	34	5.965	12.97	GI	2517	1/2 - 2 11/16
P36-14MGT-85	36	6.316	13.57	GI	3020	7/8 - 3 1/4
P38-14MGT-85	38	6.669	16.61	GI	3020	7/8 - 3 1/4
P40-14MGT-85	40	7.018	19.94	GI	3020	7/8 - 3 1/4
P44-14MGT-85	44	7.720	23.09	GI	3020	7/8 - 3 1/4
P48-14MGT-85	48	8.421	29.80	GI	3020	7/8 - 3 1/4
P52-14MGT-85	52	9.123	41.98	GI	3535	1 3/16 - 3 15/16
P56-14MGT-85	56	9.825	51.40	GI	3535	1 3/16 - 3 15/16
P60-14MGT-85	60	10.527	62.40	GI	3535	1 3/16 - 3 15/16
P64-14MGT-85	64	11.229	64.56	GI	3535	1 3/16 - 3 15/16
P68-14MGT-85	68	11.930	72.66	GI	3535	1 3/16 - 3 15/16
P72-14MGT-85	72	12.632	98.14	GI	3535	1 3/16 - 3 15/16
P80-14MGT-85	80	14.036	67.30	GI	3535	1 3/16 - 3 15/16
P90-14MGT-85	90	15.790	82.80	GI	3535	1 3/16 - 3 15/16
P112-14MGT-85	112	19.650	120.00	GI	3535	1 3/16 - 3 15/16
P144-14MGT-85	144	25.264	127.00	GI	4040	1 3/16 - 4 7/16
P168-14MGT-85	168	29.475	148.00	GI	4040	1 7/16 - 4 7/16
P192-14MGT-85	192	33.686	410.00	GI	4040	1 7/16 - 4 7/16

#### 14MM PITCH SPROCKETS FOR BELTS 115MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P28-14MGT-115-MPB	28	4.912	12.88	GI	MPB	1 1/4 - 2 11/16
P29-14MGT-115-MPB	29	5.088	14.81	GI	MPB	1 1/4 - 2 11/16
P30-14MGT-115	30	5.263	17.37	GI	2517	1/2 - 2 11/16
P32-14MGT-115	32	5.614	18.90	GI	2517	1/2 - 2 11/16
P34-14MGT-115	34	5.965	19.00	GI	2517	1/2 - 2 11/16
P36-14MGT-115	36	6.316	19.31	GI	3020	7/8 - 3 1/4
P38-14MGT-115	38	6.669	21.83	GI	3020	7/8 - 3 1/4
P40-14MGT-115	40	7.018	23.46	GI	3020	7/8 - 3 1/4
P44-14MGT-115	44	7.720	29.25	GI	3535	1 3/16 - 3 15/16
P48-14MGT-115	48	8.421	40.10	GI	3535	1 3/16 - 3 15/16
P52-14MGT-115	52	9.123	45.36	GI	4040	1 7/16 - 4 7/16
P56-14MGT-115	56	9.825	58.40	GI	4040	1 7/16 - 4 7/16
P60-14MGT-115	60	10.527	73.00	GI	4040	1 7/16 - 4 7/16
P64-14MGT-115	64	11.229	81.00	GI	4545	1 15/16 - 4 15/16
P68-14MGT-115	68	11.930	106.00	GI	4545	1 15/16 - 4 15/16
P72-14MGT-115	72	12.632	112.20	GI	4545	1 15/16 - 4 15/16
P80-14MGT-115	80	14.036	132.00	GI	4545	1 15/16 - 4 15/16
P90-14MGT-115	90	15.790	159.00	GI	4545	1 15/16 - 4 15/16
P112-14MGT-115	112	19.650	166.00	GI	4545	1 15/16 - 4 15/16
P144-14MGT-115	144	25.264	190.00	GI	4545	1 15/16 - 4 15/16
P168-14MGT-115	168	29.475	198.00	GI	4545	1 15/16 - 4 15/16
P192-14MGT-115	192	33.686	232.00	GI	4545	1 15/16 - 4 15/16
P216-14MGT-115	216	37.896	307.00	GI	6050	4 7/16 6

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## TAPER-LOCK\* SPROCKETS FOR POWERGRIP® GT®2 BELTS

PRODUCT NO. SERIES 7711

### 14MM PITCH SPROCKETS FOR BELTS 170MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P36-14MGT-170-MPB	36	6.316	44.70	DI	MPB	1 1/2 - 3 3/8
P38-14MGT-170-MPB	38	6.667	45.00	DI	MPB	1 1/2 - 3 3/8
P40-14MGT-170	40	7.018	50.80	GI	3535	1 3/16 - 3 15/16
P44-14MGT-170	44	7.720	57.50	GI	3535	1 3/16 - 3 15/16
P48-14MGT-170	48	8.421	58.00	GI	3535	1 3/16 - 3 15/16
P52-14MGT-170	52	9.123	60.00	GI	4040	1 7/16 - 4 7/16
P56-14MGT-170	56	8.825	65.00	GI	4040	1 7/16 - 4 7/16
P60-14MGT-170	60	10.527	85.00	GI	4545	1 15/16 - 4 15/16
P64-14MGT-170	64	11.229	91.02	GI	4545	1 15/16 - 4 15/16
P68-14MGT-170	68	11.930	110.00	GI	4545	1 15/16 - 4 15/16
P72-14MGT-170	72	12.632	115.00	GI	4545	1 15/16 - 4 15/16
P80-14MGT-170	80	14.036	125.00	GI	4545	1 15/16 - 4 15/16
P90-14MGT-170	90	15.790	145.00	GI	4545	1 15/16 - 4 15/16
P112-14MGT-170	112	19.650	175.00	GI	4545	1 15/16 - 4 15/16
P144-14MGT-170	144	25.264	240.00	GI	6050	4 7/16 - 6
P168-14MGT-170	168	29.475	278.00	GI	6050	4 7/16 - 6
P192-14MGT-170	192	33.686	322.00	GI	6050	4 7/16 - 6
P216-14MGT-170	216	37.896	300.00	DI	6050	4 7/16 - 6

### 14MM PITCH POWERGRIP GT2 FIN-FAN\*\*SPROCKET FOR BELTS 40MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P144-14MGT-40	144	25.264	80.00	GI	3020	7/8 - 3 1/4
P168-14MGT-40	168	29.475	115.00	GI	3020	7/8 - 3 1/4
P192-14MGT-40	192	33.686	158.00	GI	3020	7/8 - 3 1/4

### 14MM PITCH POWERGRIP GT2 FIN-FAN\*\*SPROCKET FOR BELTS 55MM WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore or Bushing	Bore range (in.)
P144-14MGT-55	144	25.264	104.00	GI	3020	7/8 - 3 1/4
P168-14MGT-55	168	29.475	124.00	GI	3020	7/8 - 3 1/4
P192-14MGT-55	192	33.686	140.00	GI	3535	1 3/16 - 3 15/16
P216-14MGT-55	216	37.893	150.00	GI	3020	7/8 - 3 1/4

## POWERGRIP® GT® SPROCKETS ALUMINIUM BAR STOCK

### MARKETS / APPLICATIONS

Use with PowerGrip® GT®2 belts.

### FEATURES / ADVANTAGES

- With aluminum bar stock readily available, sample sprockets and prototypes can be supplied quickly.



### Notes

Bar stock must be ordered in lengths noted. Gates will not cut. Additional sizes may be available on a Made-To-Order basis.

### PRODUCT NO. SERIES 7890 2MM PITCH SPROCKETS BAR STOCK - ALUMINUM

Part No.	Product No.	No. of Grooves	Pitch Dia. (In)	Length (in.)	Weight (Lbs)	Material
7890-2122	2MR-12S-PS-2A	12	0.301	2	0.03	AL
7890-2132	2MR-13S-PS-2A	13	0.326	2	0.04	AL
7890-2143	2MR-14S-PS-3A	14	0.351	3	0.04	AL
7890-2153	2MR-15S-PS-3A	15	0.376	3	0.05	AL
7890-2163	2MR-16S-PS-3A	16	0.401	3	0.06	AL
7890-2173	2MR-17S-PS-3A	17	0.426	3	0.07	AL
7890-2183	2MR-18S-PS-3A	18	0.451	3	0.08	AL
7890-2193	2MR-19S-PS-3A	19	0.476	3	0.08	AL
7890-2204	2MR-20S-PS-4A	20	0.501	4	0.08	AL
7890-2214	2MR-21S-PS-4A	21	0.526	4	0.09	AL
7890-2224	2MR-22S-PS-4A	22	0.551	4	0.10	AL
7890-2245	2MR-24S-PS-5A	24	0.602	5	0.14	AL
7890-2265	2MR-26S-PS-5A	26	0.652	5	0.18	AL
7890-2285	2MR-28S-PS-5A	28	0.702	5	0.23	AL
7890-2306	2MR-30S-PS-6A	30	0.752	6	0.28	AL
7890-2326	2MR-32S-PS-6A	32	0.802	6	0.32	AL
7890-2366	2MR-36S-PS-6A	36	0.902	6	0.44	AL
7890-2407	2MR-40S-PS-7A	40	1.003	7	0.56	AL
7890-2457	2MR-45S-PS-7A	45	1.128	7	0.85	AL
7890-2507	2MR-50S-PS-7A	50	1.253	7	1.25	AL
7890-2567	2MR-56S-PS-7A	56	1.404	7	1.48	AL
7890-2628	2MR-62S-PS-8A	62	1.554	8	1.56	AL
7890-2688	2MR-68S-PS-8A	68	1.704	8	1.80	AL
7890-2748	2MR-74S-PS-8A	74	1.855	8	2.27	AL
7890-2808	2MR-80S-PS-8A	80	2.005	8	2.50	AL

### PRODUCT NO. SERIES 7890 (CONTINUED) 3MM PITCH SPROCKETS BAR STOCK - ALUMINUM

Part No.	Product No.	No. of Grooves	Pitch Dia. (In)	Length (in.)	Weight (Lbs)	Material
7890-3165	3MR-16S-PS-5A	16	0.602	5	0.14	AL
7890-3175	3MR-17S-PS-5A	17	0.639	5	0.16	AL
7890-3185	3MR-18S-PS-5A	18	0.677	5	0.18	AL
7890-3195	3MR-19S-PS-5A	19	0.714	5	0.20	AL
7890-3206	3MR-20S-PS-6A	20	0.754	6	0.26	AL
7890-3216	3MR-21S-PS-6A	21	0.790	6	0.28	AL
7890-3226	3MR-22S-PS-6A	22	0.827	6	0.31	AL
7890-3246	3MR-24S-PS-6A	24	0.902	6	0.38	AL
7890-3266	3MR-26S-PS-6A	26	0.978	6	0.44	AL
7890-3286	3MR-28S-PS-6A	28	1.053	6	0.52	AL
7890-3307	3MR-30S-PS-7A	30	1.128	7	0.66	AL
7890-3327	3MR-32S-PS-7A	32	1.203	7	0.75	AL
7890-3347	3MR-34S-PS-7A	34	1.278	7	0.88	AL
7890-3368	3MR-36S-PS-8A	36	1.353	8	1.00	AL
7890-3388	3MR-38S-PS-8A	38	1.429	8	1.25	AL
7890-3408	3MR-40S-PS-8A	40	1.504	8	1.55	AL
7890-3458	3MR-45S-PS-8A	45	1.692	8	1.85	AL
7890-3508	3MR-50S-PS-8A	50	1.880	8	2.20	AL
7890-3568	3MR-56S-PS-8A	56	2.105	8	2.75	AL
7890-3628	3MR-62S-PS-8A	62	2.331	8	3.25	AL
7890-3688	3MR-68S-PS-8A	68	2.557	8	4.00	AL
7890-3748	3MR-74S-PS-8A	74	2.782	8	5.00	AL
7890-3808	3MR-80S-PS-8A	80	3.008	8	5.58	AL



# POWERGRIP® TIMING PULLEYS

### MARKETS / APPLICATIONS

Use with PowerGrip® Timing Belts.

### FEATURES / ADVANTAGES

- Full split in bushing allows easy installation and removal.
- Precise sprocket design produces positive, press fit to shaft.
- Precision manufactured and static balanced to eliminate sprocket wobble.

### Notes

Gates PowerGrip® Timing Pulleys are measured by number of grooves, pitch and width. For example, TL30L050 denotes "TL" for Taper-Lock®, 30 grooves, L (.375") pitch and 1/2" width.

**Pitch-** The pitch of a PowerGrip Timing Pulleys is the distance from the center to center of the grooves (in inches).

The letters correspond to pitches as follows:

MXL = Mini Extra Light = 0.008" pitch

XL = Extra Light = 0.200" pitch

L = Light = 0.375" pitch

H = Heavy = 0.500" pitch

**Width-** The width designation is in hundredths of inches and corresponds to the width of the widest belt that can operate in the pulley.

The complete pulley designation must be used when ordering a Gates PowerGrip Timing Pulley.

**Abbreviation used for pulley bore:** MPB = Minimum Plain Bore.

**Abbreviation used for pulley materials:** AL = Aluminum ST= Steel SiS = Sintered Steel GI = Gray Iron DI = Ductile Iron.

MX and XL MPB pulleys are supplied with set screws. L and H pulleys are not supplied with keyway and set screws.

**WARNING:** Do NOT use sprockets with rim speeds in excess of 6,500 fpm.



## POWERGRIP® TIMING PULLEYS

### PRODUCT NO. SERIES 7826

2/25" PITCH (0.008"/ MXL) - MINI EXTRA LIGHT  
FOR BELTS 1/8", 3/16", 1/4" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore TYPE
PB10MXL025	10	0.255	0.01	AL	MPB
PB11MXL025	11	0.280	0.01	AL	MPB
PB12MXL025	12	0.306	0.01	AL	MPB
PB14MXL025	14	0.357	0.01	AL	MPB
PB15MXL025	15	0.382	0.01	AL	MPB
PB16MXL025	16	0.407	0.01	AL	MPB
PB18MXL025	18	0.458	0.02	AL	MPB
PB20MXL025	20	0.509	0.02	AL	MPB
PB21MXL025	21	0.535	0.02	AL	MPB
PB22MXL025	22	0.560	0.03	AL	MPB
PB24MXL025	24	0.611	0.04	AL	MPB
PB28MXL025	28	0.713	0.04	AL	MPB
PB30MXL025	30	0.764	0.05	AL	MPB
PB32MXL025	32	0.815	0.06	AL	MPB
PB36MXL025	36	0.917	0.07	AL	MPB
PB40MXL025	40	1.019	0.07	AL	MPB
PB42MXL025	42	1.070	0.07	AL	MPB
PB44MXL025	44	1.120	0.08	AL	MPB
PB48MXL025	46	1.222	0.08	AL	MPB
PB60MXL025	60	1.528	0.16	AL	MPB
PB72MXL025	72	1.833	0.25	AL	MPB
PB80MXL025	80	2.037	0.25	AL	MPB

### PRODUCT NO. SERIES 7823 AND 7881

3/8" PITCH (0.375"/ L) - LIGHT DUTY  
FOR BELTS 1/2" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore TYPE
PB10L050	10	1.194	0.26	ST	MPB
PB12L050	12	1.432	0.38	ST	MPB
PB14L050	14	1.671	0.52	ST	MPB
PB16L050	16	1.910	0.65	ST	MPB
PB17L050	17	2.029	0.69	ST	MPB
PB18L050	18	2.149	0.37	SiS	1108
PB19L050	19	2.268	0.80	ST	MPB
TL20L050	20	2.387	0.54	SiS	1108
PB21L050	21	2.507	1.00	ST	MPB
TL22L050	22	2.626	0.73	SiS	1108
TL24L050	24	2.865	0.79	SiS	1210
TL26L050	26	3.104	1.05	SiS	1210
TL28L050	28	3.342	1.32	SiS	1210
TL30L050	30	3.581	1.34	SiS	1610
TL32L050	32	3.820	1.65	SiS	1610
TL40L050	40	4.775	3.23	GI	2012
TL48L050	48	5.730	4.83	GI	2012
TL60L050	60	7.162	7.17	GI	2012
TL72L050	72	8.594	8.98	GI	2012
TL84L050	84	10.027	16.83	GI	2517

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® TIMING PULLEYS

PRODUCT NO. SERIES 7823 AND 7881

1/5" PITCH (0.200"/ XL) - EXTRA LIGHT FOR BELTS 1/4", 3/8" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
PB10XL037	10	0.637	0.03	ST	MPB
PB11XL037	11	0.700	0.09	ST	MPB
PB12XL037	12	0.764	0.10	ST	MPB
PB14XL037	14	0.891	0.13	ST	MPB
PB15XL037	15	0.955	0.15	ST	MPB
PB16XL037	16	1.019	0.17	ST	MPB
PB18XL037	18	1.146	0.20	ST	MPB
PB20XL037	20	1.273	0.25	ST	MPB
PB21XL037	21	1.337	0.25	ST	MPB
PB22XL037	22	1.401	0.27	ST	MPB
PB24XL037	24	1.528	0.29	ST	MPB
PB28XL037	28	1.783	0.30	ST	MPB
PB30XL037	30	1.910	0.31	ST	MPB
PB32XL037	32	2.037	0.34	AL	MPB
TL32XL037	32	2.037	0.22	SiS	1108
PB36XL037	36	2.292	0.35	AL	MPB
TL36XL037	36	2.292	0.30	SiS	1108
PB40XL037	40	2.546	0.46	AL	MPB
TL40XL037	40	2.546	0.31	SiS	1108
PB42XL037	42	2.674	0.53	AL	MPB
TL42XL037	42	2.674	0.31	SiS	1108
PB44XL037	44	2.801	0.56	AL	MPB
TL44XL037	44	2.801	0.31	SiS	1108
PB48XL037	46	3.056	0.56	ST	MPB
TL48XL037	46	3.056	0.38	SiS	1108
PB60XL037	60	3.820	0.60	ST	MPB
TL60XL037	60	3.820	0.38	SiS	1210
PB72XL037	72	4.584	0.65	AL	MPB
TL72XL037	72	4.584	0.50	SiS	1610

PRODUCT NO. SERIES 7881

1/2" PITCH (0.500"/ H) - HEAVY DUTY FOR BELTS 3/4" OR 1" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
TL14H100	14	2.228	0.63	SiS	1108
TL16H100	16	2.546	1.00	SiS	1108
TL18H100	18	2.865	1.17	SiS	1210
TL20H100	20	3.183	1.62	SiS	1210
TL22H100	22	3.501	1.81	SiS	1610
TL24H100	24	3.820	2.42	SiS	1610
TL26H100	26	4.138	2.60	DI	2012
TL28H100	28	4.456	3.41	GI	2012
TL30H100	30	4.775	4.08	GI	2012
TL32H100	32	5.093	4.61	GI	2517
TL40H100	40	6.366	8.75	GI	2517
TL48H100	48	7.639	13.66	GI	2517
TL60H100	60	9.549	20.78	GI	3020
TL72H100	72	11.459	24.52	GI	3020
TL84H100	84	13.369	28.26	GI	3020
TL96H100	96	15.279	34.20	GI	3020
TL120H100	120	19.099	42.13	GI	3020

3/8" PITCH (0.375"/ L) - LIGHT DUTY FOR BELTS 3/4" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
PB12L075	12	1.432	0.46	ST	MPB
PB14L075	14	1.671	0.62	ST	MPB
PB16L075	16	1.910	0.80	ST	MPB
PB17L075	17	2.029	0.84	ST	MPB
TL18L075	18	2.149	0.45	SiS	1108
PB19L075	19	2.268	1.10	ST	MPB
TL20L075	20	2.387	0.66	SiS	1108
PB21L075	21	2.507	1.60	ST	MPB
TL22L075	22	2.626	0.88	SiS	1108
TL24L075	24	2.865	0.91	SiS	1210
TL26L075	26	3.104	1.18	SiS	1210
TL28L075	28	3.342	2.00	SiS	1610
TL30L075	30	3.581	1.50	SiS	1610
TL32L075	32	3.820	1.92	SiS	1610
TL40L075	40	4.775	3.55	GI	2012
TL48L075	48	5.730	5.58	GI	2012
TL60L075	60	7.162	7.86	GI	2012
TL72L075	72	8.594	10.10	GI	2012
TL84L075	84	10.027	20.52	GI	2517

1/2" PITCH (0.500"/ H) - HEAVY DUTY FOR BELTS 1.1/2" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
TL14H150	14	2.228	0.84	SiS	1108
TL16H150	16	2.546	1.34	SiS	1108
TL18H150	18	2.865	1.55	SiS	1210
TL20H150	20	3.183	2.14	SiS	1210
TL22H150	22	3.501	2.33	SiS	1610
TL24H150	24	3.820	2.44	GI	2012
TL26H150	26	4.138	3.25	GI	2012
TL28H150	28	4.456	4.18	GI	2012
TL30H150	30	4.775	4.97	GI	2012
TL32H150	32	5.093	5.39	GI	2517
TL40H150	40	6.366	10.99	GI	2517
TL48H150	48	7.639	11.40	GI	2517
TL60H150	60	9.549	22.28	GI	3020
TL72H150	72	11.459	26.78	GI	3020
TL84H150	84	13.369	31.75	GI	3020
TL96H150	96	15.279	38.03	GI	3020
TL120H150	120	19.099	49.49	GI	3020

3/8" PITCH (0.375"/ L) - LIGHT DUTY FOR BELTS 1" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
PB14L100	14	1.671	0.82	ST	MPB
PB16L100	16	1.910	0.98	ST	MPB
PB17L100	17	2.029	1.00	ST	MPB
TL18L100	18	2.149	0.64	SiS	1108
PB19L100	19	2.268	1.40	ST	MPB
TL20L100	20	2.387	0.79	SiS	1108
PB21L100	21	2.507	1.80	ST	MPB
TL22L100	22	2.626	1.07	SiS	1108
TL24L100	24	2.865	1.10	SiS	1210
TL26L100	26	3.104	1.43	SiS	1210
TL28L100	28	3.342	1.48	SiS	1610
TL30L100	30	3.581	1.86	SiS	1610
TL32L100	32	3.820	2.48	GI	1610
TL40L100	40	4.775	3.88	GI	2012
TL48L100	48	5.730	6.43	GI	2012
TL60L100	60	7.162	8.72	GI	2012
TL72L100	72	8.594	10.79	GI	2012
TL84L100	84	10.027	23.24	GI	2517

# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## POWERGRIP® TIMING PULLEYS

PRODUCT NO. SERIES 7881

1/2" PITCH (0.500"/ H) - HEAVY DUTY FOR BELTS 3/4" OR 1" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
TL16H200	16	2.546	1.90	GI	1108
TL18H200	18	2.865	1.98	GI	1215
TL20H200	20	3.183	2.74	GI	1215
TL22H200	22	3.501	2.87	GI	1615
TL24H200	24	3.820	3.04	GI	2012
TL26H200	26	4.138	3.73	GI	2012
TL28H200	28	4.456	5.16	GI	2012
TL30H200	30	4.775	6.04	GI	2012
TL32H200	32	5.093	6.59	GI	2517
TL40H200	40	6.366	12.70	GI	2517
TL48H200	48	7.639	17.70	GI	3020
TL60H200	60	9.549	21.00	GI	3020
TL72H200	72	11.459	24.47	GI	3020
TL84H200	84	13.369	35.63	GI	3020
TL96H200	96	15.279	51.50	GI	3535
TL120H200	120	19.099	54.77	GI	3020

1/2" PITCH (0.500"/ H) - HEAVY DUTY FOR BELTS 3" WIDE

Part No.	No. of Grooves	Pitch Dia. (In)	Wt Ea (lbs)	Material	Bore Type
TL16H300	16	2.546	2.23	GI	1108
TL18H300	18	2.865	2.69	GI	1215
TL20H300	20	3.183	3.59	GI	1215
TL22H300	22	3.501	3.96	GI	1615
TL24H300	24	3.820	3.96	GI	2012
TL26H300	26	4.138	4.86	GI	2012
TL28H300	28	4.456	6.75	GI	2012
TL30H300	30	4.775	7.88	GI	2012
TL32H300	32	5.093	8.21	GI	2517
TL40H300	40	6.366	18.06	GI	2517
TL48H300	48	7.639	21.88	GI	3020
TL60H300	60	9.549	25.41	GI	3020
TL72H300	72	11.459	40.50	GI	3020
TL84H300	84	13.369	41.95	GI	3020
TL96H300	96	15.279	77.00	GI	3535
TL120H300	120	19.099	81.49	GI	3535



# SYNCHRONOUS METALS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## SYNCHRO-POWER® ALUMINUM BAR STOCK

### AT5

Part No.	No. of Grooves	Bar Length (mm)	Wt Ea (lbs)	Flange Ref. #
AT5-12S-PS-160A	12	160	0.28	FB021
AT5-14S-PS-160A	14	160	0.37	FB055
AT5-15S-PS-160A	15	160	0.43	FB071
AT5-16S-PS-160A	16	160	0.49	FB082
AT5-18S-PS-160A	18	160	0.62	FB120
AT5-19S-PS-160A	19	160	0.69	FB131
AT5-20S-PS-160A	20	160	0.76	FB140
AT5-22S-PS-160A	22	160	0.93	FB160
AT5-24S-PS-160A	24	160	1.10	FB181
AT5-25S-PS-160A	25	160	1.20	FB191
AT5-26S-PS-160A	26	160	1.29	FB191
AT5-27S-PS-160A	27	160	1.39	FB200
AT5-28S-PS-160A	28	160	1.50	FB200
AT5-30S-PS-160A	30	160	1.72	FB221
AT5-32S-PS-160A	32	160	1.96	FB240
AT5-36S-PS-160A	36	160	2.48	FB290
AT5-40S-PS-160A	40	160	3.06	FB334
AT5-42S-PS-160A	42	160	3.37	FB335
AT5-44S-PS-160A	44	160	3.70	FB350
AT5-48S-PS-160A	48	160	4.41	FB391
AT5-60S-PS-160A	60	160	6.88	FB471

### AT10

Part No.	No. of Grooves	Bar Length (mm)	Wt Ea (lbs)	Flange Ref. #
AT10-15S-PS-160A	15	160	1.72	FB221
AT10-16S-PS-160A	16	160	1.96	FB251
AT10-18S-PS-160A	18	160	2.48	FB290
AT10-19S-PS-160A	19	160	2.76	FB311
AT10-20S-PS-160A	20	160	3.06	FB334
AT10-22S-PS-160A	22	160	3.70	FB350
AT10-24S-PS-160A	24	160	4.40	FB371
AT10-25S-PS-160A	25	160	4.78	FB412
AT10-26S-PS-160A	26	160	5.17	FB420
AT10-27S-PS-160A	27	160	5.57	FB430
AT10-28S-PS-160A	28	160	5.99	FB440
AT10-30S-PS-160A	30	160	6.88	FB471
AT10-32S-PS-160A	32	160	7.83	FT200
AT10-36S-PS-160A	36	160	9.91	FT220
AT10-40S-PS-160A	40	160	12.23	FT240
AT10-44S-PS-160A	44	160	14.80	FT265
AT10-48S-PS-160A	48	160	17.61	FT295
AT10-60S-PS-160A	60	160	27.52	FT395

## FLANGES FOR SYNCHRO-POWER® ALUMINUM BAR STOCK

### MARKETS / APPLICATIONS

Use with Synchro-Power® aluminum bar stock and Gates Mectrol® polyurethane belts.

### FEATURES / ADVANTAGES

- With flanges readily available, sample sprockets and prototypes can be supplied quickly.



## FLANGES FOR SYNCHRO-POWER® ALUMINUM BAR STOCK

PRODUCT NO. SERIES 7891

### T2.5

Part No.	Wt Ea (lbs)	Flange Ref. #
13T2.5-FA	0.01	FB002
14T2.5-FA	0.01	FB002
15T2.5-FA	0.01	FB004
16T2.5-FA	0.01	FB006
17T2.5-FA	0.01	FB006
18T2.5-FA	0.01	FB007
19T2.5-FA	0.01	FB010
20T2.5-FA	0.01	FB010
21T2.5-FA	0.01	FB011
22T2.5-FA	0.01	FB012
23T2.5-FA	0.01	FB030
24T2.5-FA	0.01	FB021
25T2.5-FA	0.01	FB021
26T2.5-FA	0.01	FB052
27T2.5-FA	0.01	FB052
28T2.5-FA	0.01	FB054
29T2.5-FA	0.01	FB070
30T2.5-FA	0.01	FB071
32T2.5-FA	0.01	FB080
33T2.5-FA	0.01	FB082
34T2.5-FA	0.01	FB101
35T2.5-FA	0.01	FB101
36T2.5-FA	0.01	FB103
38T2.5-FA	0.01	FB131
39T2.5-FA	0.01	FB131
40T2.5-FA	0.01	FB140
41T2.5-FA	0.01	FB140
42T2.5-FA	0.01	FB141
43T2.5-FA	0.01	FB142
44T2.5-FA	0.01	FB150
45T2.5-FA	0.01	FB150
48T2.5-FA	0.01	FB170
50T2.5-FA	0.01	FB181
52T2.5-FA	0.01	FB191
56T2.5-FA	0.01	FB200
60T2.5-FA	0.01	FB221
72T2.5-FA	0.01	FB290

### T5

Part No.	Wt Ea (lbs)	Flange Ref. #
10T5-FA	0.01	FB008
12T5-FA	0.01	FB021
14T5-FA	0.01	FB053
15T5-FA	0.01	FB071
16T5-FA	0.01	FB082
18T5-FA	0.01	FB120
19T5-FA	0.01	FB131
20T5-FA	0.01	FB140
22T5-FA	0.01	FB160
24T5-FA	0.01	FB181
25T5-FA	0.01	FB181
26T5-FA	0.01	FB191
27T5-FA	0.01	FB200
28T5-FA	0.01	FB200
30T5-FA	0.01	FB221
32T5-FA	0.01	FB250
36T5-FA	0.01	FB310
40T5-FA	0.01	FB334
42T5-FA	0.01	FB336
44T5-FA	0.01	FB350
48T5-FA	0.01	FB391
60T5-FA	0.01	FB471

### T10

Part No.	Wt Ea (lbs)	Flange Ref. #
15T10-FA	0.01	FB221
16T10-FA	0.01	FB251
18T10-FA	0.01	FB290
19T10-FA	0.01	FB333
20T10-FA	0.01	FB321
22T10-FA	0.01	FB350
24T10-FA	0.01	FB371
25T10-FA	0.01	FB412
26T10-FA	0.01	FB420
27T10-FA	0.01	FB430
28T10-FA	0.01	FB440
30T10-FA	0.01	FB471
32T10-FA	0.01	FB481
36T10-FA	0.01	FB522
40T10-FA	0.01	FB560
44T10-FA	0.01	FB623

### AT5

Part No.	Wt Ea (lbs)	Flange Ref. #
12AT5-FA	0.01	FB021
14AT5-FA	0.01	FB055
15AT5-FA	0.01	FB071
16AT5-FA	0.01	FB082
18AT5-FA	0.01	FB120
19AT5-FA	0.01	FB131
20AT5-FA	0.01	FB140
22AT5-FA	0.01	FB160
24AT5-FA	0.01	FB181
25AT5-FA	0.01	FB191
26AT5-FA	0.01	FB191
27AT5-FA	0.01	FB200
28AT5-FA	0.01	FB200
30AT5-FA	0.01	FB221
32AT5-FA	0.01	FB240
36AT5-FA	0.01	FB290
40AT5-FA	0.01	FB334
42AT5-FA	0.01	FB335
44AT5-FA	0.01	FB350
48AT5-FA	0.01	FB391
60AT5-FA	0.01	FB471

### AT10

Part No.	Wt Ea (lbs)	Flange Ref. #
15AT10-FA	0.01	FB221
16AT10-FA	0.01	FB251
18AT10-FA	0.01	FB290
19AT10-FA	0.01	FB311
20AT10-FA	0.01	FB334
22AT10-FA	0.01	FB350
24AT10-FA	0.01	FB371
25AT10-FA	0.01	FB412
26AT10-FA	0.01	FB420
27AT10-FA	0.01	FB430
28AT10-FA	0.01	FB440
30AT10-FA	0.01	FB471

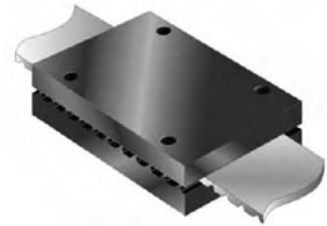
## CLAMPING PLATES FOR LONG-LENGTH BELTING

### MARKETS / APPLICATIONS

Use with Synchronous long-length belting including, PowerGrip® Timing and HTD® belts.

### FEATURES / ADVANTAGES

Clamping plates allow maximum clamping strengths for long-length belting used in linear drives.



## CLAMPING PLATES FOR LONG-LENGTH BELTING

### PRODUCT NO. SERIES 7887

T5		AT5		5M HTD		XL	
Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (in)
CP-06-T5	6	CP-06-AT5	6	CP-05-5HTD	5	CP-025-XL	0.250
CP-10-T5	10	CP-10-AT5	10	CP-10-5HTD	10	CP-031-XL	0.313
CP-12-T5	12	CP-12-AT5	12	CP-15-5HTD	15	CP-037-XL	0.375
CP-16-T5	16	CP-16-AT5	16	CP-25-5HTD	25	CP-050-XL	0.500
CP-20-T5	20	CP-20-AT5	20	CP-50-5HTD	50	CP-075-XL	0.750
CP-25-T5	25	CP-25-AT5	25			CP-100-XL	1.000
CP-32-T5	32	CP-32-AT5	32			CP-150-XL	1.500
CP-50-T5	50	CP-50-AT5	50			CP-200-XL	2.000
CP-75-T5	75	CP-75-AT5	75				
CP-100-T5	100	CP-100-AT5	100				

T10		AT10		8M HTD		L	
Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (in.)
CP-10-T10	10	CP-16-AT10	16	CP-10-8HTD	10	CP-037-L	0.375
CP-12-T10	12	CP-20-AT10	20	CP-15-8HTD	15	CP-050-L	0.500
CP-16-T10	16	CP-25-AT10	25	CP-20-8HTD	20	CP-075-L	0.750
CP-20-T10	20	CP-32-AT10	32	CP-25-8HTD	25	CP-100-L	1.000
CP-25-T10	25	CP-50-AT10	50	CP-30-8HTD	30	CP-150-L	1.500
CP-32-T10	32	CP-75-AT10	75	CP-50-8HTD	50	CP-200-L	2.000
CP-50-T10	50	CP-100-AT10	100	CP-85-8HTD	85	CP-300-L	3.000
CP-75-T10	75	CP-150-AT10	150	CP-100-8HTD	100	CP-400-L	4.000
CP-100-T10	100						
CP-150-T10	150						

T20		AT20		14M HTD		H	
Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (mm)	Part No. Description	Belt Width (in.)
CP-25-T20	25	CP-25-AT20	25	CP-25-14HTD	25	CP-037-H	0.375
CP-32-T20	32	CP-32-AT20	32	CP-40-14HTD	40	CP-050-H	0.500
CP-50-T20	50	CP-50-AT20	50	CP-55-14HTD	55	CP-075-H	0.750
CP-75-T20	75	CP-75-AT20	75	CP-85-14HTD	85	CP-100-H	1.000
CP-100-T20	100	CP-100-AT20	100	CP-100-14HTD	100	CP-150-H	1.500
CP-150-T20	150	CP-150-AT20	150	CP-115-14HTD	115	CP-200-H	2.000
				CP-170-14HTD	170	CP-300-H	3.000
						CP-400-H	4.000
						CP-600-H	6.000

## BOLTS KITS FOR CLAMPING PLATES

### BOLT KITS

Part No. Description	Belt Width (mm)
.200-XL BOLT KIT	24.00 x 1.00
.375-L BOLT KIT	18.00 x 1.75
.500-H BOLT KIT	16.00 x 2.25
T5/AT5 BOLT KIT	0.80 x 30.00
T10/AT10 BOLT KIT	1.25 x 80.00
T20/AT20 BOLT KIT	1.50 x 60.00
5HTD BOLT KIT	0.80 x 30.00
8HTD BOLT KIT	1.25 x 50.00
14HTD BOLT KIT	1.50 x 60.00

### MARKETS / APPLICATIONS

Use with clamping plates for long-length belting.

## EUROGRIP® FLEXIBLE COUPLINGS

### EUROGRIP® CONSTRUCTION

- Unique OGEE lines on the sleeve are an indicator of torque and product life.
- Sleeves are made of high performance elastomeric compound. The design allows the coupling to act as a predictable fuse in the system.
- End pieces are made of high grade aluminium to reduce weight and inertia. The aluminium end pieces are anodised to increase wear resistance and strength. Available either with finished bore and keyway or suit a taper lock bush.
- Temperature range from -25°C to +100°C.

### ADVANTAGES

- High vibration damping. Damping increases with load, which will prevent resonance.
- Low noise levels and quiet in operation.
- Zero backlash and consequently high positioning accuracy.
- Easy to install and to replace. Can be inspected without stopping the drive.
- Built-in safety measure: the driven machine will stop when the coupling fails.
- Durable.
- Low inertia.
- Compact design.
- Light weight.



### EUROGRIP™ FLEXIBLE COUPLINGS

Coupling	Description	Part No.
19	14mm bore end piece	9902-01914D
19	19mm bore end piece	9902-01919D
19	Rubber sleeve	9901-51901D
19	MPB end piece	9902-01900D
28	End piece for taper bush - back fixed (1108)	9902-02801D
28	24mm bore end piece	9902-02824D
28	28mm bore end piece	9902-02828D
28	Rubber sleeve	9901-52801D
28	MPB end piece	9902-02800D
42	End piece for taper bush - back fixed (1615)	9902-04201D
42	38mm bore end piece	9902-04238D
42	42mm bore end piece	9902-04242D
42	Rubber sleeve	9901-54201D
42	MPB end piece	9902-04200D
48	End piece for taper bush - back fixed (2017)	9902-04801D
48	48mm bore end piece	9902-04848D
48	Rubber sleeve	9901-54801D
48	MPB end piece	9902-04800D
60	End piece for taper bush - back fixed (2517)	9902-06001D
60	55mm bore end piece	9902-06055D
60	60mm bore end piece	9902-06060D
60	Rubber sleeve	9901-56001D
60	MPB end piece	9902-06000D



## POWERGRIP® FLEXIBLE COUPLINGS

Gates PowerGrip® Flexible Coupling is a positive dry coupling that never requires lubrication.

The PowerGrip® coupling is recognized as a strong, highly efficient positive coupling for absorbing load pulsations and shocks. It is recommended not only for general use, but for troublesome conditions difficult to handle with other types of couplings.

Only three component parts: The flexible sleeve, with axially molded internal teeth. The two end pieces, with grooves to mate with the teeth of the flexible sleeve, one end piece attached to each shaft.

Variation in length: The overall length of the PowerGrip® Flexible Coupling is easily varied - by simply changing the length of the sleeve. Inserts are sometimes required.



### FEATURES / ADVANTAGES

- High shock resistance: Torsional resilience sufficiently high to absorb load pulsations and shocks.
- Misalignment: In normal use the coupling will operate with 7-1/2 axial misalignment, with no significant reduction in service life.
- No lubrication: Neoprene teeth of sleeve designed to fit easily, positively with grooves of end fittings, no metal-to-metal contact.
- No end thrust: Construction is designed to prevent transmission of lateral thrusts from one shaft to the other.
- Streamlined Design: Small diameter with high capacity; no protruding parts, affords maximum safety.
- Easy installation: "By Eye" shaft alignment; no precise measurement required.
- Low cost: Low initial cost and low maintenance expenses due to simplified design.

### POWERGRIP® FLEXIBLE COUPLINGS

		Rubber Sleeves Only	
End Pieces Only		Standard Length	
Type		Type	Length
10 ES		11 SF	13.50
30 ES		33 SF	39.70
40 ES		43 SF	39.70
50 ES		56 SF	39.70
60 ES		66 SF	40.50
70 ES		76 SF	54.00
80 ES		86 SF	54.00

## QD® BUSHINGS - ENGLISH / METRIC SIZES

### MARKETS/ APPLICATIONS

Use with all QD® style sheaves, sprockets and pulleys.

### FEATURES / ADVANTAGES

- Bushings are made to precise tolerances.
- Available in popular bore sizes.

#### Notes

**WARNINGS:** Excessive cap-screw torque can cause sheave and/or bushing to break.

**WARNINGS:** Use of lubricants can result in sheaves breakage.



### QD BUSHINGS- ENGLISH SIZES PRODUCT NO. SERIES 7839

Part No.	Bore (in.)
E .7/8	7/8
E .1	1
E 1.1/16	1 1/16
E 1.3/8	1 3/8
E 1.5/8	1 5/8
E 1.7/8	1 7/8
E 1.1/2	1 1/2
E 1.5/8	1 5/8
E 1.11/16	1 11/16
E 1.3/4	1 3/4
E 1.7/8	1 7/8
E 1.15/16	1 15/16
E 2.	2
<sup>2</sup> E 2.1/16	2 1/16
E 2.1/8	2 1/8
E 2.3/16	2 3/16
E 2.1/4	2 1/4
E 2.5/16	2 5/16
E 2.3/8	2 3/8
E 2.7/16	2 7/16
E 2.1/2	2 1/2
E 2.5/8	2 5/8
E 2.11/16	2 11/16
E 2.3/4	2 3/4
<sup>2</sup> E 2.13/16	2 13/16
E 2.7/8	2 7/8
<sup>12</sup> E 2.15/16	2 15/16
<sup>12</sup> E 3.	3
<sup>12</sup> E 3.1/8	3 1/8
<sup>12</sup> E 3.3/16	3 3/16
<sup>12</sup> E 3.1/4	3 1/4
<sup>12</sup> E 3.5/16	3 5/16
<sup>12</sup> E 3.3/8	3 3/8
<sup>12</sup> E 3.7/16	3 7/16
<sup>12</sup> E 3.1/2	3 1/2
F 1.	1
F 1.1/8	1 1/8
F 1.3/16	1 3/16
F 1.1/4	1 1/4
F 1.3/8	1 3/8
F 1.7/16	1 7/16
F 1.1/2	1 1/2
F 1.5/8	1 5/8
F 1.11/16	1 11/16

Part No.	Bore (in.)
F 1.3/4	1 3/4
F 1.13/16	1 13/16
F 1.7/8	1 7/8
F 1.15/16	1 15/16
F 2.	2
F 2.1/8	2 1/8
F 2.3/16	2 3/16
F 2.1/4	2 1/4
F 2.5/16	2 5/16
F 2.3/8	2 3/8
F 2.7/16	2 7/16
F 2.1/2	2 1/2
F 2.5/8	2 5/8
F 2.11/16	2 11/16
F 2.3/4	2 3/4
F 2.13/16	2 13/16
F 2.7/8	2 7/8
F 2.15/16	2 15/16
F 3.	3
F 3.1/8	3 1/8
F 3.3/16	3 3/16
F 3.1/4	3 1/4
<sup>12</sup> F 3.3/8	3 3/8
<sup>12</sup> F 3.7/16	3 7/16
<sup>12</sup> F 3.1/2	3 1/2
<sup>12</sup> F 3.5/8	3 5/8
<sup>12</sup> F 3.11/16	3 11/16
<sup>12</sup> F 3.3/4	3 3/4
<sup>12</sup> F 3.7/8	3 7/8
<sup>12</sup> F 3.15/16	3 15/16
<sup>12</sup> F 4.	4
<sup>12</sup> F 1.7/16	1 7/16
<sup>2</sup> J 1.1/2	1 1/2
J 1.5/8	1 5/8
J 1.3/4	1 3/4
J 1.7/8	1 7/8
J 1.15/16	1 15/16
J 2.	2
J 2.1/8	2 1/8
J 2.3/16	2 3/16
J 2.1/4	2 1/4
J 2.3/8	2 3/8
J 2.7/16	2 7/16
J 2.1/2	2 1/2
J 2.5/8	2 5/8
J 2.11/16	2 11/16
J 2.3/4	2 3/4

### QD BUSHINGS- ENGLISH SIZES (CONTINUED) PRODUCT NO. SERIES 7838 AND 7839

Part No.	Bore (in.)
J 2.7/8	2 7/8
J 2.15/16	2 15/16
J 3.	3
J 3.1/8	3 1/8
J 3.3/16	3 3/16
J 3.1/4	3 1/4
J 3.3/8	3 3/8
J 3.7/16	3 7/16
J 3.1/2	3 1/2
J 3.5/8	3 5/8
J 3.11/16	3 11/16
J 3.3/4	3 3/4
<sup>12</sup> J 3.7/8	3 7/8
<sup>12</sup> J 3.15/16	3 15/16
<sup>12</sup> J 4	4
<sup>12</sup> J 4.1/8	4 1/8
<sup>12</sup> J 4.3/16	4 3/16
<sup>12</sup> J 4.1/4	4 1/4
<sup>12</sup> J 4.3/8	4 3/8
<sup>12</sup> J 4.7/16	4 7/16
<sup>12</sup> J 4.1/2	4 1/2
JA .1/2	1/2
JA .9/16	9/16
JA .5/8	5/8
JA .11/16	11/16
JA .3/4	3/4
JA .13/16	13/16
JA .7/8	7/8
JA .15/16	15/16
JA 1.	1
JA 1.1/16	1 1/16
JA 1.1/8	1 1/8
JA 1.3/16	1 3/16
JA 1.1/4	1 1/4
M 2.	2
M 2.1/8	2 1/8
M 2.3/16	2 3/16
M 2.1/4	2 1/4
M 2.3/8	2 3/8
M 2.7/16	2 7/16
M 2.1/12	2 1/12
M 2.5/8	2 5/8
M 2.11/16	2 11/16
M 2.3/4	2 3/4
M 2.7/8	2 7/8
M 2.15/16	2 15/16
M 3.	3

Part No.	Bore (in.)
M 3.1/8	3 1/8
M 3.3/16	3 3/16
M 3.1/4	3 1/4
M 3.3/8	3 3/8
M 3.7/16	3 7/16
M 3.1/2	3 1/2
M 3.5/8	3 5/8
M 3.11/16	3 11/16
M 3.3/4	3 3/4
M 3.7/8	3 7/8
M 3.15/16	3 15/16
M 4.	4
M 4.1/8	4 1/8
M 4.3/16	4 3/16
M 4.1/4	4 1/4
M 4.3/8	4 3/8
M 4.7/16	4 7/16
M 4.1/2	4 1/2
M 4.11/16	4 11/16
M 4.3/4	4 3/4
<sup>12</sup> M 4.7/8	4 7/8
<sup>12</sup> M 4.15/16	4 15/16
<sup>12</sup> M 5.	5
<sup>12</sup> M 5.1/4	5 1/4
<sup>12</sup> M 5.7/16	5 7/16
<sup>12</sup> M 5.1/2	5 1/2
N 2.7/16	2 7/16
N 2.15/16	2 15/16
N 3.7/8	3 7/8
N 3.15/16	3 15/16
N 4.	4
N 4.3/16	4 3/16
N 4.1/4	4 1/4
N 4.7/16	4 7/16
N 4.1/2	4 1/2
N 4.3/4	4 3/4
N 4.7/8	4 7/8
N 4.15/16	4 15/16
N 5.	5
<sup>12</sup> N 5.1/8	5 1/8
<sup>12</sup> N 5.1/4	5 1/4
<sup>12</sup> N 5.1/2	5 1/2
<sup>12</sup> N 5.3/4	5 3/4
<sup>12</sup> N 5.7/8	5 7/8
P 3.7/16	3 7/16
P 3.15/16	3 15/16
P 4.7/16	4 7/16

Part No.	Bore (in.)
P 4.1/2	4 1/2
P 4.15/16	4 15/16
P 5.1/2	5 1/2
P 5.15/16	5 15/16
<sup>12</sup> P 6.	6
<sup>12</sup> P 6.1/2	6 1/2
<sup>12</sup> P 7.	7
SD .1/2	1/2
SD .9/16	9/16
SD .5/8	5/8
SD .11/16	11/16
SD .3/4	3/4
SD .13/16	13/16
SD .7/8	7/8
SD .15/16	15/16
SD 1.	1
SD 1.1/16	1 1/16
SD 1.1/8	1 1/8
SD 1.3/16	1 3/16
SD 1.1/4	1 1/4
SD 1.5/16	1 5/16
SD 1.3/8	1 3/8
SD 1.7/16	1 7/16
SD 1.1/2	1 1/2
SD 1.9/16	1 9/16
SD 1.5/8	1 5/8
<sup>12</sup> SD 1.11/16	1 11/16
<sup>12</sup> SD 1.3/4	1 3/4
<sup>12</sup> SD 1.13/16	1 13/16
<sup>12</sup> SD 1.7/8	1 7/8
<sup>12</sup> SD 1.15/16	1 15/16
<sup>13</sup> SD 2.	2
SDS .1/2	1/2
SDS .9/16	9/16

# SHEAVES AND BRUSHINGS

INDUSTRIAL BELTS

## QD BUSHINGS

### QD BUSHINGS- ENGLISH SIZES P/NO. SERIES 7838 & 7839

Part No.	Bore (in.)
SDS .5/8	5/8
SDS .11/16	11/16
SDS .3/4	3/4
SDS .1/16	1/16
SDS .7/8	7/8
SDS .1/16	1/16
SDS 1.	1
SDS 1.1/4	1 1/4
SDS 1.5/16	1 5/16
SDS 1.3/8	1 3/8
SDS 1.7/16	1 7/16
SDS 1.1/2	1 1/2
SDS 1.9/16	1 9/16
SDS 1.5/8	1 5/8
<sup>12</sup> SDS 1.11/16	1 11/16
<sup>12</sup> SDS 1.3/4	1 3/4
<sup>12</sup> SDS 1.13/16	1 13/16
<sup>12</sup> SDS 1.7/8	1 7/8
<sup>12</sup> SDS 1.15/16	1 15/16
<sup>13</sup> SDS 2.	2
SF .1/2	1/2
SF .5/8	5/8
SF .11/16	11/16
SF .3/4	3/4
SF .13/16	13/16
SF .7/8	7/8
SF .15/16	15/16
SF 1.	1
SF 1.1/8	1 1/8
SF 1.3/16	1 3/16
SF 1.1/4	1 1/4
SF 1.5/16	1 5/16
SF 1.3/8	1 3/8
SF 1.7/16	1 7/16
SF 1.1/2	1 1/2
SF 1.9/16	1 9/16
SF 1.5/8	1 5/8
SF 1.11/16	1 11/16
SF 1.3/4	1 3/4
SF 1.13/16	1 13/16
SF 1.7/8	1 7/8
SF .15/16	1 15/16
SF 2.	2
SF 2.1/16	2 1/16
SF 2.1/8	2 1/8
SF 2.3/16	2 3/16
SF 2.1/4	2 1/4
SF 2.5/16	2 5/16
<sup>12</sup> SF 2.3/8	2 3/8
<sup>12</sup> SF 2.7/16	2 7/16
<sup>12</sup> SF 2.1/2	2 1/2
<sup>12</sup> SF 2.5/8	2 5/8
<sup>12</sup> SF 2.11/16	2 11/16
<sup>12</sup> SF 2.3/4	2 3/4

### QD BUSHINGS- METRIC SIZES P/NO. SERIES 7840 & 7841

Part No.	Bore (in.)
<sup>12</sup> SF 2.13/16	2 13/16
<sup>13</sup> SF 2.7/8	2 7/8
<sup>13</sup> SF 2.15/16	2 15/16
SH .1/2	1/2
SH .9/16	9/16
SH .5/8	5/8
SH .7/8	7/8
SH .15/16	15/16
SH 1.	1
SH 1.1/16	1 1/16
SH 1.1/8	1 1/8
SH 1.3/16	1 3/16
SH 1.1/4	1 1/4
SH 1.5/16	1 5/16
SH 1.3/8	1 3/8
<sup>12</sup> SH 1.7/16	1 7/16
<sup>12</sup> SH 1.1/2	1 1/2
<sup>12</sup> SH 1.9/16	1 9/16
<sup>12</sup> SH 1.5/8	1 5/8
<sup>13</sup> SH 1.11/16	1 11/16
SK .1/2	1/2
SK .5/8	5/8
SK .11/16	11/16
SK .3/4	3/4
SK .13/16	13/16
SK .7/8	7/8
SK 1.15/16	1 15/16
SK 1.	1
SK 1.1/16	1 1/16
SK 1.1/8	1 1/8
SK 1.3/16	1 3/16
SK 1.1/4	1 1/4
SK 1.5/16	1 5/16
SK 1.3/8	1 3/8
SK 1.7/16	1 7/16
SK 1.1/2	1 1/2
SK 1.9/16	1 9/16
SK 1.5/8	1 5/8
SK 1.11/16	1 11/16
SK 1.3/4	1 3/4
SK 1.13/16	1 13/16
SK 1.7/8	1 7/8
SK 1.15/16	1 15/16
SK 2.	2
SK 2.1/16	2 1/16
SK 2.1/8	2 1/8
<sup>12</sup> SK 2.3/16	2 3/16
<sup>12</sup> SK 2.1/4	2 1/4
<sup>12</sup> SK 2.5/16	2 5/16
<sup>12</sup> SK 2.3/8	2 3/8
<sup>12</sup> SK 2.7/16	2 7/16
<sup>12</sup> SK 2.1/2	2 1/2
<sup>12</sup> SK 2.1/2	2 1/2
<sup>13</sup> SK 2.5/8	2 5/8

Part No.	Bore (in.)
SH 24MM	24
SH 28MM	28
SH 30MM	30
SH 35MM	35
SDS 24MM	24
SDS 35MM	35
SDS 38MM	38
SDS 42MM	42
SD 25MM	25
SD 28MM	28
SD 30MM	30
SD 35MM	35
SD 42MM	42
SK 24MM	24
SK 25MM	25
SK 30MM	30
SK 32MM	32
SK 35MM	35
SK 38MM	38
SK 42MM	42
SK 48MM	48
SK 50MM	50
SK 55MM	55
SF 50MM	50
SF 60MM	60
E 50MM	50
E 60MM	60
J 55MM	55
J 70MM	70

### REBORABLE QD BUSHINGS (MIN PLAIN BORE) PRODUCT NO. SERIES 7830 SINTERED STEEL REBORABLE BUSHING

Part No.	Bore (in.)
JA .1/2 NKS	1/2
SH .1/2 NKS	1/2
SDS .1/2 NKS	1/2
SD .1/2 NKS	1/2
SK .1/2 NKS	1/2
SF .1/2 NKS	1/2

Note: NKS means No Keyseat.

### CAST IRON REBORABLE BUSHING

Part No.	Bore (in.)
E .7/8 NKS	7/8
F 1. NKS	1
J 1.1/2 NKS	1 1/2
M 2. NKS	2
N 2.7/16 NKS	2 7/16
P 3.7/16 NKS	3 7/16
W 4. NKS	4
S 5.1/2 NKS	5 1/2

Note: NKS means No Keyseat.

2 Available until stock is depleted.

<sup>12</sup> Shallow keyway.

NOTE: Bushings with standard keyseats do not include keys.

Note: Metric screws/threads are available on mto basis.

Minimum lead times may be required.

# SHEAVES AND BRUSHINGS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## REBORABLE QD BUSHINGS WITH REBORE CHARGE

PRODUCT NO. SERIES 7830  
SINTERED STEEL REBORABLE BUSHINGS FINISHED

Part No.	Bore (in.)	Maximum Rebores			
		Square Key	Shallow	No Keyseat	Metric
JA .1/2 -FIN	1/2	1	1 3/16	1 1/4	30
SH .1/2 -FIN	1/2	1 3/8	1 5/8	1 11/16	35
SDS .1/2 -FIN	1/2	1 5/8	1 15/16	2	43
SD .1/2 -FIN	1/2	1 5/8	1 15/16	2	43
SK .1/2 -FIN	1/2	2 1/8	2 1/2	2 5/8	55
SF .1/2 -FIN	1/2	2 5/16	2 13/16	2 15/16	60

## CAST IRON REBORABLE BUSHINGS FINISHED

Part No.	Bore (in.)	Maximum Rebores	
		Square Key	Metric
E 7/8 -FIN	7/8	2 3/4	70
F 1. -FIN	1	3 3/16	90
J 1.1/2 -FIN	1/2	3 7/8	100
M 2. -FIN	2	4 3/4	120
N 2.7/16 -FIN	2 7/16	5 3/8	130
P 3.7/16 -FIN	3 7/16	7	160
W 4. -FIN	4	8 1/2	200
S 5.1/2 -FIN	5 1/2	10	250

## DUCTILE IRON REBORABLE BUSHINGS

Part No.	Bore (in.)	Avg. Wt. Ea. (Lbs.)
SF .1/2 DUC-NKS	1/2	3.80
E .7/8 DUC-NKS	7/8	14.00
F 1. DUC-NKS	1	21.00
J 1.1/2 DUC-NKS	1 1/2	46.00
M 2. DUC-NKS	2	70.00
N 2.7/16 DUC-NKS	2 7/16	133.00
P 3.7/16 DUC-NKS	3 7/16	

Note: NKS means No Keyseat.

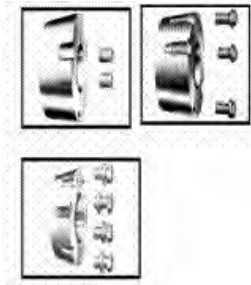
# TAPER-LOCK® BUSHINGS - ENGLISH / METRIC SIZES

### MARKETS/APPLICATIONS

Use with all Taper-Lock style sheaves, sprockets and pulleys.

### FEATURES/ADVANTAGES

- Bushings are made to precise tolerances.
- Available in popular bore sizes.



## TAPER-LOCK\* BUSHINGS-ENGLISH SIZES

### PRODUCT NO. SERIES 7848 AND 7858

Part No.	Bore (in.)
1008 .1/2	1/2
1008 .9/16	9/16
1008 .5/8	5/8
1008 .11/16	11/16
1008 .3/4	3/4
1008 .13/16	13/16
1008 .7/5	7/5
<sup>12</sup> 1008 .15/16	15/16
<sup>12</sup> 1008 1.	1
1108 .1/2	1/2
1108 .9/16	9/16
1108 .5/8	5/8
1108 .11/16	11/16
1108 .3/4	3/4
1108 .13/16	13/16
1108 .7/8	7/8
1108 .15/16	15/16
1108 1.	1
<sup>12</sup> 1108 1.1/16	1 1/16
<sup>12</sup> 1108 1.1/8	1 1/8
1210 .1/2	1/2
1210 .9/19	9/19
1210 .5/16	5/16
1210 .11/16	11/16
1210 .11/16	11/16
1210 .3/4	3/4
1210 .13/16	13/16
1210 .7/8	7/8
1210 .15/16	15/16
1210 1.	1
1210 1.1/16	1 1/16
1210 1.1/8	1 1/8
1210 1.3/16	1 3/16
1210 1.1/4	1 1/4
1215 .1/2	1/2
1215 .9/16	9/16
1215 .55/8	5/8
1215 .11/16	11/16
1215 .3/4	3/4
1215 .13/16	13/16
1215 .7/8	7/8
1215 .15/16	15/16
1215 1.	1
1215 1.1/16	1 1/16
1215 1.1/8	1 1/8
1215 1.3/16	1 3/16
1215 1.1/4	1 1/4
1310 .1/2	1/2

Part No.	Bore (in.)
1310 .9/16	9/16
1310 .9/16	9/16
1310 .5/8	5/8
1310 .11/16	11/16
1310 .3/4	3/4
1310 .7/8	7/8
1310 1.	1
1310 1.1/16	1 1/16
1310 1.1/8	1 1/8
1310 1.3/16	1 3/16
1310 1.1/4	1 1/4
1310 1.3/8	1 3/8
1310 1.7/16	1 7/16
1610 .1/2	1/2
1610 .9/16	9/16
1610 .5/8	5/8
1610 .11/16	11/16
1610 .3/4	3/4
1610 .13/16	13/16
1610 .7/8	7/8
1610 .15/16	15/16
1610 1.	1
1610 1.1/16	1 1/16
1610 1.1/8	1 1/8
1610 1.3/16	1 3/16
1610 1.1/4	1 1/4
1610 1.5/16	1 5/16
1610 1.3/8	1 3/8
1610 1.7/16	1 7/16
1610 1.1/2	1 1/2
<sup>12</sup> 1610 .9/16	1 9/16
<sup>12</sup> 1610 1.5/8	1 5/8
<sup>12</sup> 1610 1.11/16	1 11/16
1615 .1/2	1/2
1615 .9/16	9/16
1615 .5/8	5/8
1615 .11/16	11/16
1615 .3/4	3/4
1615 .13/16	13/16
1615 .7/8	7/8
1615 .15/16	15/16
1615 1.	1
1615 1.1/16	1 1/16
1615 1.1/8	1 1/8
1615 1.3/16	1 3/16
1615 1.1/4	1 1/4
1615 1.5/16	1 5/16
1615 1.3/8	1 3/8

### PRODUCT NO. SERIES 7858 AND 7859

Part No.	Bore (in.)
1615 1.7/16	1 7/16
1615 1.1/2	1 1/2
121615 .9/19	1 9/19
121615 1.5/8	1 5/8
121615 .11/16	1 11/16
2012 .1/2	1/2
2012 .9/16	9/16
2012 .5/8	5/8
2012 .11/16	11/16
2012 .3/4	3/4
2012 .13/16	13/16
2012 .7/8	7/8
2012 .15/16	15/16
2012 1.	1
2012 1.1/16	1 1/16
2012 1.1/8	1 1/8
2012 1.3/16	1 3/16
2012 1.1/4	1 1/4
2012 1.5/16	1 5/16
2012 1.3/8	1 3/8
2012 1.7/16	1 7/16
2012 1.1/2	1 1/2
2012 1.9/16	1 9/16
2012 1.5/8	1 5/8
2012 1.11/16	1 11/16
2012 1.3/4	1 3/4
2012 1.13/16	1 13/16
2012 1.7/8	1 7/8
2012 1.7/8	1 7/8
<sup>12</sup> 2012 1.15/16	1 15/16
<sup>12</sup> 2012 2.	2
<sup>12</sup> 2012 2.1/8	2 1/8
2517 .1/2	1/2
2517 .5/8	5/8
2517 .11/16	11/16
2517 .3/4	3/4
2517 .13/16	13/16
2517 .7/8	7/8
2517 .15/16	15/16
2517 1.	1
2517 1.1/16	1 1/16
2517 1.1/8	1 1/8
2517 1.3/16	1 3/16
2517 1.1/4	1 1/4
2517 1.5/16	1 5/16
2517 1.3/8	1 3/8
2517 1.7/16	1 7/16
2517 1.1/2	1 1/2
2517 1.9/16	1 9/16

Part No.	Bore (in.)
2517 1.5/8	1 5/8
2517 1.11/16	1 11/16
2517 1.3/4	1 3/4
2517 1.13/16	1 13/16
2517 1.7/8	1 7/8
2517 1.15/16	1 15/16
2517 2.	2
2517 2.1/16	2 1/16
2517 2.1/8	2 1/8
2517 2.3/16	2 3/16
2517 2.1/4	2 1/4
<sup>12</sup> 2517 2.5/16	2 5/16
<sup>12</sup> 2517 2.3/8	2 3/8
<sup>12</sup> 2517 2.7/16	2 7/16
<sup>12</sup> 2517 2.1/2	2 1/2
<sup>12</sup> 2517 2.5/8	2 5/8
<sup>12</sup> 2517 2.11/16	2 11/16
2525 1.5/8	2 5/8
2525 1.15/16	2 15/16
2525 2.	2
2525 2.1/8	2 1/8
2525 2.3/16	2 3/16
<sup>12</sup> 2525 2.5/16	2 5/16
<sup>12</sup> 2525 2.1/2	2 1/2
3020 .7/8	7/8
3020 .15/16	15/16
3020 1.	1
3020 1.1/8	1 1/8
3020 1.3/16	1 3/16
3020 1.1/4	1 1/4
3020 1.5/16	1 5/16
3020 1.3/8	1 3/8
3020 1.7/16	1 7/16
3020 1.1/2	1 1/2
3020 1.9/16	1 9/16
3020 1.5/8	1 5/8
3020 1.11/16	1 11/16
3020 1.3/4	1 3/4
3020 1.13/16	1 13/16
3020 1.7/8	1 7/8
3020 1.15/16	1 15/16
3020 2.	2
3020 2.1/16	2 1/16
3020 2.1/8	2 1/8
3020 2.3/16	2 3/16
3020 2.1/4	2 1/4
3020 2.5/16	2 5/16
3020 2.3/8	2 3/8

<sup>12</sup>Shallow keyway. \*Taper-Lock is a registered trademark of Reliance Electric

# SHEAVES AND BRUSHINGS

INDUSTRIAL BELTS

498-2207A

Effective Date: 01 January 2008

## TAPER-LOCK\* BUSHINGS-ENGLISH SIZES

### PRODUCT NO. SERIES 78458 AND 7859

### PRODUCT NO. SERIES 7858 AND 7859

Part No.	Bore (in.)
3020 2.7/16	2 7/16
3020 2.1/2	2 1/2
3020 2.5/8	2 5/8
3020 2.11/16	2 11/16
3020 2.3/4	2 3/4
<sup>12</sup> 3020 .3/16	2 13/16
<sup>12</sup> 3020 2.7/8	2 7/8
<sup>12</sup> 3020 2.15/16	2 15/16
<sup>12</sup> 3020 3.	3 3
<sup>12</sup> 3020 3.1/8	3 1/8
<sup>12</sup> 3020 3.3/16	3 3/16
<sup>12</sup> 3020 3.1/4	3 1/4
3030 1.	1
3030 1.1/8	1 1/8
3030 1.3/16	1 3/16
3030 1.1/4	1 1/4
3030 1.5/16	1 5/16
3030 1.3/8	1 3/8
3030 1.7/16	1 7/16
3030 1.1/2	1 1/2
3030 1.9/16	1 9/16
3030 1.5/8	1 5/8
3030 1.3/4	1 3/4
3030 1.13/16	1 13/16
3030 1.7/8	1 7/8
3030 1.15/16	1 15/16
3030 2.	2
3030 2.1/8	2 1/8
3030 2.3/16	2 3/16
3030 2.1/4	2 1/4
3030 2.5/16	2 5/16
3030 2.3/8	2 3/8
3030 2.7/16	2 7/16
3030 2.1/2	2 1/2
3030 2.5/8	2 5/8
3030 2.11/16	2 11/16
3030 2.3/4	2 3/4
<sup>12</sup> 3030 2.7/8	2 7/8
<sup>12</sup> 3030 2.15/16	2 15/16
<sup>12</sup> 3030 3.	3
<sup>12</sup> 3030 3.1/8	3 1/8
<sup>12</sup> 3030 3.3/16	3 3/16
<sup>12</sup> 3030 3.1/4	3 1/4
3525 1.3/16	1 3/16
3525 1.1/4	1 1/4

Part No.	Bore (in.)
3525 1.5/16	1 5/16
3525 1.3/8	1 3/8
3525 1.7/16	1 7/16
3525 1.1/2	1 1/2
3525 1.9/16	1 9/16
3525 1.5/8	1 5/8
3525 1.11/16	1 11/16
3525 1.3/4	1 3/4
3525 1.13/16	1 13/16
3525 1.7/8	1 7/8
3525 1.15/16	1 15/16
3525 2.	2
3525 2.1/16	2 1/16
3525 2.1/8	2 1/8
3525 2.3/16	2 3/16
3525 2.1/4	2 1/4
3525 2.5/16	2 5/16
3525 2.3/8	2 3/8
3525 2.7/16	2 7/16
3525 2.1/2	2 1/2
3525 2.9/16	2 9/16
3525 2.5/8	2 5/8
3525 2.11/16	2 11/16
3525 2.3/4	2 3/4
3525 2.13/16	2 13/16
3525 2.7/8	2 7/8
3525 2.15/16	2 15/16
3525 3.	3
3525 3.1/16	3 1/16
3525 3.1/8	3 1/8
3525 3.3/16	3 3/16
3525 3.1/4	3 1/4
3525 3.5/16	3 5/16
3525 3.3/8	3 3/8
3525 3.7/16	3 7/16
3525 3.1/2	3 1/2
3525 3.9/16	3 9/16
3525 3.5/8	3 5/8
3525 3.11/16	3 11/16
3525 3.3/4	3 3/4
3525 3.13/16	3 13/16
3525 3.7/8	3 7/8
3525 3.15/16	3 15/16
3535 1.3/16	1 3/16
3535 1.1/4	1 1/4

Part No.	Bore (in.)
3535 1.3/8	1 3/8
3535 1.7/16	1 7/16
3535 1.1/2	1 1/2
3535 1.5/8	1 5/8
3535 1.11/16	1 11/16
3535 1.3/4	1 3/4
3535 1.7/8	1 7/8
3535 1.15/16	1 15/16
3535 2.	2
3535 2.1/8	2 1/8
3535 2.3/16	2 3/16
3535 2.1/4	2 1/4
3535 2.5/16	2 5/16
3535 2.3/8	2 3/8
3535 2.7/16	2 7/16
3535 2.1/2	2 1/2
3535 2.5/8	2 5/8
3535 2.11/16	2 11/16
3535 2.3/4	2 3/4
3535 2.7/8	2 7/8
3535 2.15/16	2 15/16
3535 3.	3
3535 3.1/8	3 1/8
3535 3.3/16	3 3/16
3535 3.1/4	3 1/4
<sup>12</sup> 3535 3.5/16	3 5/16
<sup>12</sup> 3535 3.3/8	3 3/8
<sup>12</sup> 3535 3.7/16	3 7/16
<sup>12</sup> 3535 3.1/2	3 1/2
<sup>12</sup> 3535 3.5/8	3 5/8
<sup>12</sup> 3535 3.11/16	3 11/16
<sup>12</sup> 3535 3.3/4	3 3/4
<sup>12</sup> 3535 3.7/8	3 7/8
<sup>12</sup> 3535 3.15/16	3 15/16
4030 1.7/16	1 7/16
4030 1.1/2	1 1/2
4030 1.9/16	1 9/16
4030 1.5/8	1 5/8
4030 16-Nov	1 11/16
4030 1.3/4	1 3/4
4030 1.13/16	1 13/16
4030 1.7/8	1 7/8
4030 1.15/16	1 15/16
4030 2.	2
4030 2.1/16	2 1/16

Part No.	Bore (in.)
4030 2.1/8	2 1/8
4030 2.3/16	2 3/16
4030 2.1/4	2 1/4
4030 2.5/16	2 5/16
4030 2.3/8	2 3/8
4030 2.7/16	2 7/16
4030 2.1/2	2 1/2
4030 2.9/16	2 9/16
4030 2.5/8	2 5/8
4030 2.11/16	2 11/16
4030 2.3/4	2 3/4
4030 2.13/16	2 13/16
4030 2.7/8	2 7/8
4030 2.15/16	2 15/16
4030 3.	3
4030 3.1/16	3 1/16
4030 3.1/8	3 1/8
4030 3.3/16	3 3/16
4030 3.1/4	3 1/4
4030 3.5/16	3 5/16
4030 3.3/8	3 3/8
4030 3.7/16	3 7/16
4030 3.1/2	3 1/2
4030 3.9/16	3 9/16
4030 3.5/8	3 5/8
4030 3.11/16	3 11/16
4030 3.3/4	3 3/4
4030 3.7/8	3 7/8
4030 3.15/16	3 15/16
4030 4.	4
4030 4.1/8	4 1/8
4030 4.3/16	4 3/16
4030 4.1/4	4 1/4
4030 4.3/8	4 3/8
4030 4.7/16	4 7/16
4040 1.7/16	1 7/16
4040 1.1/2	1 1/2
4040 1.5/8	1 5/8
4040 1.11/16	1 11/16
4040 1.3/4	1 3/4
4040 1.7/8	1 7/8
4040 1.15/16	1 15/16
4040 2.	2
4040 2.1/8	2 1/8
4040 2.3/16	2 3/16

Part No.	Bore (in.)
4040 2.1/4	2 1/4
4040 2.3/8	2 3/8
4040 2.7/16	2 7/16
4040 2.1/2	2 1/2
4040 2.5/8	2 5/8
4040 2.11/16	2 11/16
4040 2.3/4	2 3/4
4040 2.7/8	2 7/8
4040 2.15/16	2 15/16
4040 3.	3
4040 3.1/8	3 1/8
4040 3.3/16	3 3/16
4040 3.1/4	3 1/4
4040 3.3/8	3 3/8
4040 3.7/16	3 7/16
4040 3.1/2	3 1/2
4040 3.5/8	3 5/8
4040 3.11/16	3 11/16
4040 3.3/4	3 3/4
<sup>12</sup> 4040 3.7/8	3 7/8
<sup>12</sup> 4040 3.15/16	3 15/16
<sup>12</sup> 4040 4.	4
<sup>12</sup> 4040 4.1/8	4 1/8
<sup>12</sup> 4040 4.3/16	4 3/16
<sup>12</sup> 4040 4.3/8	4 3/8
<sup>12</sup> 4040 4.7/16	4 7/16
4535 1.15/16	1 15/16
4535 2.	2
4535 2.1/16	2 1/16
4535 2.1/8	2 1/8
4535 2.3/16	2 3/16
4535 2.1/4	2 1/4
4535 2.5/16	2 5/16
4535 2.3/8	2 3/8
4535 2.7/16	2 7/16
4535 2.1/2	2 1/2
4535 2.9/16	2 9/16
4535 2.5/8	2 5/8
4535 2.11/16	2 11/16
4535 2.3/4	2 3/4
4535 2.13/16	2 13/16
4535 2.7/8	2 7/8
4535 2.15/16	2 15/16
4535 3.	3
4535 3.1/16	3 1/16

<sup>12</sup>Shallow keyway. \*Taper-Lock is a registered trademark of Reliance Electric

# SHEAVES AND BRUSHINGS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## TAPER-LOCK\* BUSHINGS-ENGLISH SIZES

### PRODUCT NO. SERIES 7858 AND 7859

Part No.	Bore (in.)
4535 3.1/8	3 1/8
4535 3.3/16	3 3/16
4535 3.1/4	3 1/4
4535 3.5/16	3 5/16
4535 3.3/8	3 3/8
4535 3.7/16	3 7/16
4535 3.1/2	3 1/2
4535 3.9/16	3 9/16
4535 3.5/8	3 5/8
4535 3.11/16	3 11/16
4535 3.3/4	3 3/4
4535 3.13/16	3 13/16
4535 3.7/8	3 7/8
4535 3.15/16	3 15/16
4535 4.	4
4535 4.1/8	4 1/8
4535 4.3/16	4 3/16
4535 4.1/4	4 1/4
4535 4.3/8	4 3/8
4535 4.7/16	4 7/16
4535 4.1/2	4 1/2
4535 4.3/4	4 3/4
4535 4.7/8	4 7/8
4535 4.15/16	4 15/16
4545 1.15/16	1 15/16
4545 2.	2
4545 2.3/16	2 3/16
4545 2.3/8	2 3/8
4545 2.7/16	2 7/16
4545 2.5/8	2 5/8
4545 2.3/4	2 3/4
4545 2.7/8	2 7/8
4545 2.15/16	2 15/16
4545 3.	3
4545 3.1/8	3 1/8
4545 3.3/16	3 3/16
4545 3.1/4	3 1/4
4545 3.3/8	3 3/8
4545 3.7/16	3 7/16
4545 3.1/2	3 1/2
4545 3.5/8	3 5/8
4545 3.3/4	3 3/4
4545 3.7/8	3 7/8
4545 3.15/16	3 15/16
4545 4.	4

Part No.	Bore (in.)
4545 4.1/8	4 1/8
4545 4.3/16	4 3/16
4545 4.1/4	4 1/4
<sup>12</sup> 4545 4.3/8	4 3/8
<sup>12</sup> 4545 4.7/16	4 7/16
<sup>12</sup> 4545 4.1/2	4 1/2
<sup>12</sup> 4545 4.3/4	4 3/4
<sup>12</sup> 4545 4.7/8	4 7/8
<sup>12</sup> 4545 4.15/16	4 15/16
5040 2.7/16	2 7/16
5040 2.1/2	2 1/2
5040 2.9/16	2 9/16
5040 2.5/8	2 5/8
5040 2.11/16	2 11/16
5040 2.3/4	2 3/4
5040 2.13/16	2 13/16
5040 2.7/8	2 7/8
5040 2.15/16	2 15/16
5040 3.	3
5040 3.1/16	3 1/16
5040 3.1/8	3 1/8
5040 3.3/16	3 3/16
5040 3.1/4	3 1/4
5040 3.5/16	3 5/16
5040 3.3/8	3 3/8
5040 3.7/16	3 7/16
5040 3.1/2	3 1/2
5040 3.9/16	3 9/16
5040 3.5/8	3 5/8
5040 3.11/16	3 11/16
5040 3.3/4	3 3/4
5040 3.13/16	3 13/16
5040 3.7/8	3 7/8
5040 3.15/16	3 15/16
5040 4.	4
5040 4.1/8	4 1/8
5040 4.3/16	4 3/16
5040 4.1/4	4 1/4
5040 4.3/8	4 3/8
5040 4.7/16	4 7/16
5040 4.1/2	4 1/2
5040 4.3/4	4 3/4
5040 4.7/8	4 7/8
5040 4.15/16	4 15/16
5040 5.	5
5050 2.7/16	2 7/16
5050 2.11/16	2 11/16

Part No.	Bore (in.)
5050 2.15/16	2 15/16
5050 3.3/8	3 3/8
5050 3.7/16	3 7/16
5050 3.5/8	3 5/8
5050 3.7/8	3 7/8
5050 3.15/16	3 15/16
5050 4.	4
5050 4.1/4	4 1/4
5050 4.3/8	4 3/8
5050 4.7/16	4 7/16
5050 4.1/2	4 1/2
<sup>12</sup> 5050 4.7/8	4 7/8
<sup>12</sup> 5050 4.15/16	4 15/16
<sup>12</sup> 5050 5.	5
6050 3.	3
6050 3.1/4	3 1/4
6050 3.7/16	3 7/16
6050 4.	4
6050 4.7/16	4 7/16
6050 4.15/16	4 15/16
6050 5.7/16	5 7/16
6050 5.15/16	5 15/16
6050 6.	6
7060 3.	3
7060 3.4/4	3 4/4
7060 3.7/16	3 7/16
7060 4.15/16	4 15/16
7060 5.7/16	5 7/16
7060 5.15/16	5 15/16
7060 6.	6
7060 6.7/16	6 7/16
7060 6.1/2	6 1/2
7060 6.15/16	6 15/16
7060 7.	7
8065 5.7/16	5 7/16
8065 5.15/16	5 15/16
8065 6.7/16	6 7/16
8065 6.1/2	6 1/2
8065 6.15/16	6 15/16
8065 7.	7
8065 7.1/2	7 1/2
8065 8.	8
10085 7.	7
10085 8.	8
10085 9.	9
10085 10.	10
120100 12.	12

### PRODUCT NO. SERIES 7848, 7858 AND 7859

Part No.	Bore (in.)
1008 14MM	14
1008 16MM	16
1008 18MM	18
1008 19MM	19
1008 20MM	20
1008 22MM	22
1008 24MM	24
1008 16MM	16
1008 18MM	18
1008 19MM	19
1008 20MM	20
1008 22MM	22
1008 24MM	24
1008 16MM	16
1008 18MM	18
1008 19MM	19
1008 20MM	20
1008 22MM	22
1008 24MM	24
1008 25MM	25
1008 14MM	14
1210 16MM	16
1210 18MM	18
1210 19MM	19
1210 20MM	20
1210 24MM	24
1210 25MM	25
1210 28MM	28
1210 30MM	30
1210 30MM	30
1310 24MM	24
1310 25MM	25
1310 28MM	28
1310 30MM	30
1310 32MM	32
1310 35MM	35
1610 19MM	19
1610 20MM	20
1610 22MM	22
1610 24MM	24
1610 25MM	25
1610 28MM	28
1610 30MM	30
1610 32MM	32
1610 35MM	35
1610 38MM	38
1610 40MM	40
2012 14MM	14
2012 16MM	16
2012 18MM	18

Part No.	Bore (in.)
2012 19MM	19
2012 20MM	20
2012 22MM	22
2012 24MM	24
2012 25MM	25
2012 28MM	28
2012 30MM	30
2012 32MM	32
2012 35MM	35
2012 38MM	38
2012 40MM	40
2012 42MM	42
2012 45MM	45
2517 14MM	14
2517 16MM	16
2517 18MM	18
2517 20MM	20
2517 22MM	22
2517 24MM	24
2517 25MM	25
2517 28MM	28
2517 30MM	30
2517 32MM	32
2517 35MM	35
2517 38MM	38
2517 40MM	40
2517 42MM	42
2517 45MM	45
2517 48MM	48
2517 50MM	50
2517 55MM	55
2517 60MM	60
3020 24MM	24
3020 25MM	25
3020 28MM	28
3020 40MM	40
3020 45MM	45
3020 48MM	48
3020 50MM	50
3020 55MM	55
3020 60MM	60
3020 65MM	65

<sup>12</sup>Shallow keyway.

\*Taper-Lock is a registered trademark of Reliance Electric

# SHEAVES AND BRUSHINGS

INDUSTRIAL BELTS

498-2207A  
Effective Date: 01 January 2008

## REBORABLE TAPER-LOCK\* BUSHINGS (MINIMUM PLAIN BORE)

PRODUCT NO. SERIES 7847

### SINTERED STEEL REBORABLE BUSHING

Part No.	Bore (in.)
1008 .1/2NKS	1/2
1108 .1/2NKS	1/2
1210 .1/2NKS	1/2
1215 .1/2NKS	1/2
1310 .1/2NKS	1/2
1610 .1/2NKS	1/2
1615 .1/2NKS	1/2
2012 .1/2NKS	1/2
2517 .1/2NKS	1/2
3020 .7/8NKS	7/8
3020 1.11/16NKS	1 11/16

### STEEL REBORABLE BUSHING

Part No.	Bore (in.)
1008 .1/2STL-NK	1/2
1108 .1/2STL-NK	1/2
1210 .1/2STL-NK	1/2
1215 .1/2STL-NK	1/2
1310 .1/2STL-NK	1/2
1610 .1/2STL-NK	1/2
1615 .1/2STL-NK	1/2
2012 .1/2STL-NK	1/2
2517 1.STL-NK	1
2525 1.7/16STL-NK	1 7/16
3020 1.7/16STL-NK	1 7/16
3030 1.7/16STL-NK	1 7/16

### CAST IRON REBORABLE BUSHING

Part No.	Bore (in.)
3030 .15/16-FIN	15/16
3525 1.3/16-FIN	1 3/16
3535 .13/16-FIN	13/16
4030 1.7/16-FIN	1 7/16
4040 1.7/16-FIN	1 7/16
4535 1.15/16-FIN	1 15/16
4545 1.15/16-FIN	1 15/16
5040 2.7/16-FIN	2 7/16
5050 2.7/16-FIN	2 7/16
6050 3.7/16-FIN	3 7/16
7060 3. 15/16-FIN	3 15/16
8065 4. 7/16-FIN	4 7/16
10074 7.-FIN	7
120100 8.-FIN	

### DUCTILE IRON REBORABLE BUSHING

Part No.	Bore (in.)
3525 1.3/16DUC-NK	1 3/16
3535 1.7/16DUC-NK	1 7/16
4030 1.7/16DUC-NK	1 7/16
4040 1.15/16DUC-NK	1 15/16
4535 1.15/16DUC-NK	1 15/16
4545 2.7/16DUC-NK	2 7/16
5040 2.15/16DUC-NK	2 15/16
5050 2.15/16DUC-NK	2 15/16
6050 3.7/16DUC-NK	3 7/16
7060 3.15/16DUC-NK	3 15/16
8065 4.7/16DUC-NK	4 7/16

### STAINLESS STEEL REBORABLE BUSHING

Part No.	Bore (in.)
1008 .1/2SS-NK	1/2
1108 .1/2SS-NK	1/2
1210 .1/2SS-NK	1/2
1215 .1/2SS-NK	1/2
1310 .1/2SS-NK	1/2
1610 .1/2SS-NK	1/2
1615 .1/2SS-NK	1/2
2012 .1/2SS-NK	1/2
2517 .5/8SS-NK	5/8
3020 .7/8SS-NK	7/8

Note: NKS and NK mean No Keyseat.

\*Taper-Lock is a registered trademark of Reliance Electric

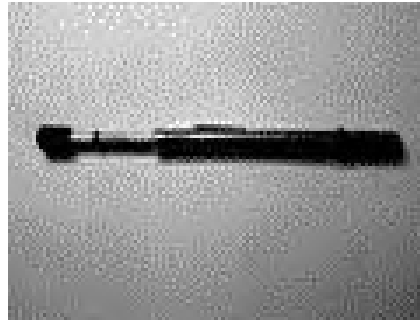


# PREVENTIVE MAINTENANCE TOOLS

## INDUSTRIAL BELTS

### GATES TENSION TESTERS - (MECHANICAL)

Type and Number	Product No.
30# Pencil Type Tension Tester	7401-0076
66# Double Barrel Tension Tester	7401-0075
165# Five Barrel Tension Tester	7401-0079



### GATES TESTERS - (ELECTRONICS) UNITTA SONIC TENSION METER

Type and Number	Product No.
U-507 Sonic Tension Meter	7420-0208J
Arm Sensor for U-507	7420-0210
Cord Sensor for U-507	7420-0209
Inductive Cord Sensor for U-507	7420-0206J



### PRECISION LASER ALIGNMENT TOOL

Type and Number	Product No.
EZ Align Laser Alignment Tool	7420-1000
Laser Alignment AT-1	7401-10010



## BELT STORAGE

**Under favourable storage conditions, good quality belts retain their initial serviceability and dimensions. Conversely, unfavourable conditions can adversely affect performance and cause dimensional changes.**

### 1. General guidelines

Store your belts in a cool and dry environment with no direct sunlight. When stacked on shelves, the stacks should be small enough to prevent distortion of the bottom belts. When stored in containers, the container size should be sufficiently limited for the same reason.

#### Caution:

- Do not store belts on floors unless a suitable container is provided. They may be exposed to waterleaks or moisture or be damaged due to traffic.
- Do not store belts near windows (sunlight / moisture).
- Do not store belts near radiators or heaters or in the air flow from heating devices.
- Do not store belts in the vicinity of transformers, electric motors, or other electric devices that may generate ozone.
- Avoid areas where evaporating solvents or other chemicals are present in the atmosphere.
- Do not store belts in a configuration that would result in bend diameters less than the minimum recommended pulley diameter for normal bends and less than 1.2 times the minimum recommended diameters for reverse bends (consult section XI for minimum recommended diameters).

### 2. Methods of storage

#### 2.1 V-belts

V-belts are often stored on pegs. Very long belts should be stored on sufficiently large pins (of not less than the minimum bend diameter), or crescent-shaped "saddles", to prevent their weight from causing distortion. Long V-belts may be coiled in loops for easy distortion-free storage.

#### 2.2 Joined V-belts and multi-ribbed belts

Like V-belts, these belts may be stored on pins or saddles with precaution to avoid distortion. However, belts of this type up to approx. 3000 mm are normally shipped in a "nested" configuration, and it is necessary that especially joined V-belts be stored in a naturally relaxed form, and only nested or rolled up for transportation.

#### 2.3 Synchronous belts

For synchronous belts, nests are formed by laying a belt on its side on a flat surface and placing as many belts inside the first belt as possible without undue force. When tight, the nests can be stacked without damage. Belts over approx. 3000 mm may be "rolled up" and tied for shipment. These rolls may be stacked for easy storage. Avoid small bend radii by inserting card tubes in the packaging.



### 2.4 Variable speed belts

These belts are more sensitive to distortion than most other belts. Hanging them from pins or racks is not recommended. These belts should be stored on shelves. Variable speed belts are often shipped in "sleeves" slipped over the belt. They should be stored on shelves in these sleeves. If they are shipped "nested", untie the nests and store them in a relaxed position.

### 3. Effects of storage

The quality of belts has not been found to change significantly within 8 years of proper storage at temperatures up to 30°C (86°F) and relative humidity below 70%. Also there must be no exposure to direct sunlight. Ideal storage conditions are between 5°C (41°F) and 30°C (86°F).

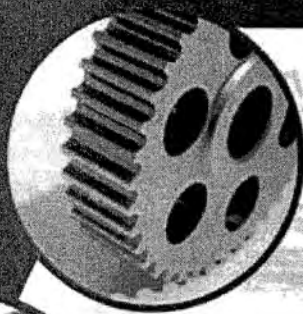
If storage temperature is in excess of 30°C (86°F), the storage time will be reduced and belt service levels could be significantly reduced also. Under no circumstances should storage temperatures above 46°C (115°F) be reached.

With a significant increase in humidity, it is possible for fungus or mildew to form on stored belts. This does not appear to cause serious belt damage but should be avoided if possible.

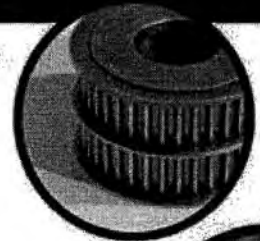
Equipment using belts is sometimes stored or left idle for longer periods (6 months or more). It is recommended that the tension on the belts be relaxed during such periods. Equipment storage conditions should be consistent with the guidelines for belt storage. If this is impossible, remove the belts and store them separately.

# Driving Solutions

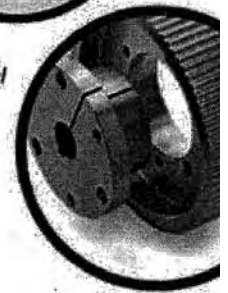
## The Gates Made-To-Order Metals Team



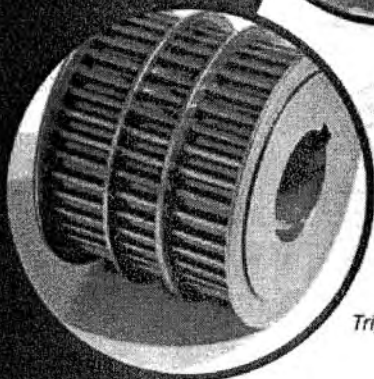
Singles



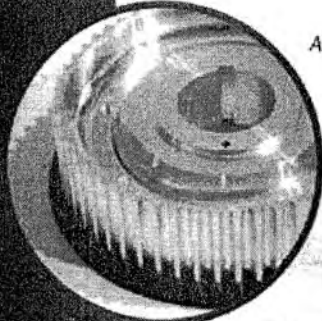
Double-Singles



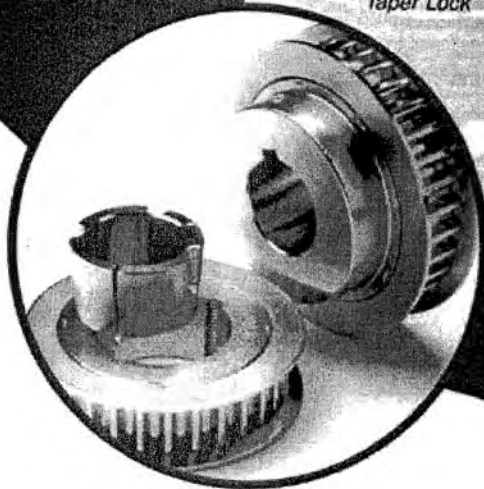
Stainless Steel  
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Aluminum



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