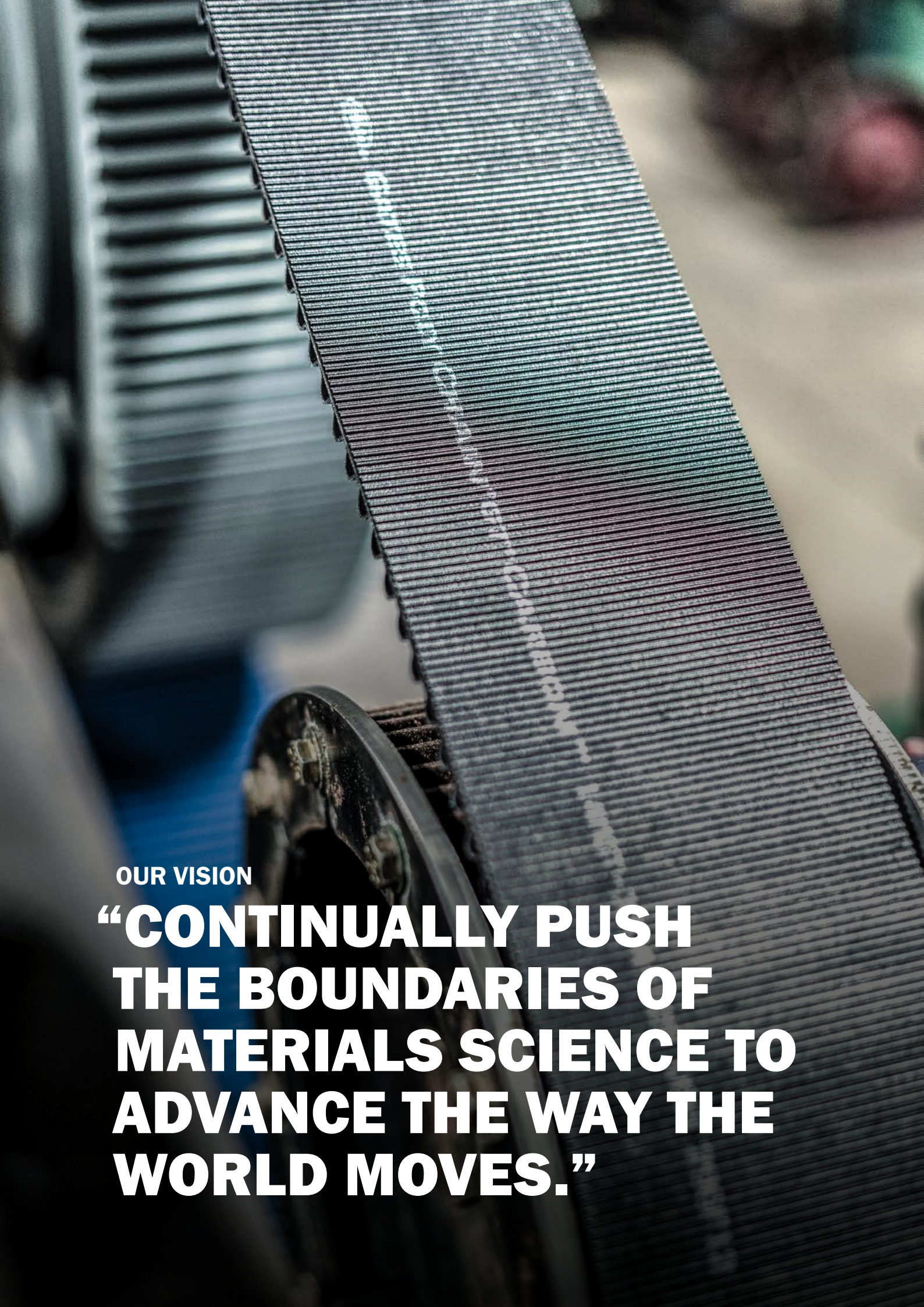
# GATES INDUSTRIAL POWER TRANSMISSION

## A COMPREHENSIVE PRODUCT RANGE


| | |
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DRIVEN BY POSSIBILITY™



OUR VISION

# “CONTINUALLY PUSH THE BOUNDARIES OF MATERIALS SCIENCE TO ADVANCE THE WAY THE WORLD MOVES.”

## GATES. DRIVEN BY POSSIBILITY.

**If it runs, we can help it run better. Gates is a global leader in power transmission and fluid power products and services. We serve customers across industries, bringing relentless innovation, and uncompromising quality to every product we make. Our reputation is built on over a century of experience, but everything we do is geared towards powering the future.**

### Power Transmission Division

In 1917, John Gates revolutionized industrial machinery with the world's first rubber V-Belt, and began the legacy of advanced design that defines The Gates Corporation. In 1946, Gates invented the first toothed timing belt, known as the synchronous belt. In 1979, we created the multi-ribbed belt that changed automotive transmission as we know it. Continuous innovation isn't just what we do. It's who we are. Trust the leaders in research, design, material science, and the manufacturing of the best power transmission solutions in the world - only with Gates.

## ENGINEERED TO EXCEED EXPECTATIONS.

The Gates brand is a promise. A promise that all of our products have been manufactured to the highest possible standards. In nearly every corner of industry and nearly every working environment imaginable, when a part has to do the job it was designed for, it has to be Gates.

## WHERE OTHERS SEE THE UNKNOWN, WE SEE POSSIBILITY.

Change is a part of the Gates DNA. We never stand still, but are always looking for ways to meet emerging challenges head-on with solutions that accelerate our partners' growth and development.

## COMMITTED TO YOUR BUSINESS.

In every engagement, we work tirelessly to listen to our partners and to develop solutions for their challenges that change their business for the better. Our greatest achievement is their success.

# PRODUCT OVERVIEW


| | | Product info | Size list |
|---|---|---|---|
| **1. V-belts** | | | |
| 1 | PREDATOR™ | 6 | 63 |
| 2 | QUAD-POWER™ 4 | 7 | 66 |
| 3 | SUPER HC™ | 8 | 75 |
| 4 | SUPER HC™ MN | 9 | 85 |
| 5 | TRI-POWER™ | 10 | 93 |
| 6 | HI-POWER™ | 11 | 99 |
| 7 | DELTA RANGE | 12 | 112 |
| 8 | PREDATOR™ POWERBAND™ | 14 | 134 |
| 9 | QUAD-POWER™ 4 POWERBAND™ | 15 | 138 |
| 10 | SUPER HC™ & HI-POWER™ POWERBAND™ | 16 | 143 |
| 11 | HI-POWER™ DUBL-V | 17 | 152 |
| 12 | MULTI-SPEED™ | 18 | 157 |
| 13 | POWERATED™ | 19 | 158 |
| 14 | POLYFLEX™ | 20 | 163 |
| 15 | POLYFLEX™ JB™ | 21 | 168 |
| 16 | MICRO-V® | 22 | 174 |
| **2. Synchronous belts** | | | |
| 17 | POLY CHAIN® CARBON™ VOLT™ | 25 | 181 |
| 18 | MINI POLY CHAIN® GT CARBON™ 8MGT | 26 | 183 |
| 19 | POLY CHAIN® GT CARBON™ 5MGT | 27 | 184 |
| 20 | POLY CHAIN® GT CARBON™ EXTENDED LENGTH | 28 | 185 |
| 21 | POLY CHAIN® GT CARBON™ HIGH TEMPERATURE | 29 | |
| 22 | POLY CHAIN® GT2 | 30 | 186 |
| 23 | POWERGRIP™ GTX | 31 | 188 |
| 24 | POWERGRIP™ GT3 2MGT, 3MGT & 5MGT | 32 | 190 |
| 25 | POWERGRIP™ GT4 8MGT & 14MGT | 33 | 195 |
| 26 | POWERGRIP™ HTD™ 3M & 5M | 34 | 197 |
| 27 | POWERGRIP™ HTD™ 8M, 14M & 20M | 35 | 202 |
| 28 | POWERGRIP™ | 36 | 205 |
| 29 | TWIN POWER | 37 | 213 |
| 30 | LONG LENGTH | 38 | 219 |
| 31 | POWERPAINT™ | 40 | 223 |
| **3. Polyurethane belts** | | | |
| 32 | SYNCHRO-POWER™ | 42 | |
| 33 | CUSTOMIZED POLYURETHANE BELTS | 43 | |
| 34 | SUPER FLEX | 44 | |
| 35 | LINEAR BELTS | 45 | |
| 36 | WIDE BELTS | 46 | |
| 37 | FLAT BELTS | 47 | |
| **4. Metal parts** | | | |
| 38 | SPROCKETS POLY CHAIN GT 8MGT - 14MGT & 18MGT | 49 | 227 |
| 39 | SPROCKETS POLY CHAIN® 5MGT/POWERGRIP™ 5MGT | 50 | 233 |
| 40 | SPROCKETS POLY CHAIN® GT STAINLESS STEEL 8MGT | 51 | 235 |
| 41 | IDLER SPROCKETS POLY CHAIN® GT 8MGT & 14MGT | 52 | 236 |
| 42 | IDLER BRACKETS | 53 | 237 |
| 43 | FLAT IDLER PULLEYS | 54 | 238 |
| **5. Preventive maintenance tools** | | | |
| 44 | V-BELT PULLEY GAUGES | 56 | |
| 45 | INDUSTRIAL BELT LENGTH FINDER | 57 | |
| 46 | SINGLE / DOUBLE BARREL TENSION TESTER | 58 | |
| 47 | SONIC TENSION METER 508C | 59 | |
| 48 | SONIC TENSION METER 308C | 60 | |
| 49 | LASER AT-1 | 61 | |
| **6. V-belt size list** | | 62 | |
| **7. Synchronous belt size list** | | 180 | |
| **8. Support services** | | 239 | |

# 1.
# V-BELTS

# 01 PREDATOR™

HEAVY DUTY WRAPPED, NARROW SECTION V-BELT WITH ARAMID CORD

**Gates Predator V-belts are the markets leading heavy duty V-belts. Unique in their extreme robustness and high load carrying capability they are unrivalled. They are excellent problem solvers that perform well in harsh environments and in extremely demanding applications where standard V-belts have performance issues. The Predator belt difference is in the construction: they have the highest power density of any V-belt and virtually zero stretch because of the use of high strength, high modulus aramid tensile cords.**

## CONSTRUCTION

- Aramid tensile cords provide extraordinary strength, durability and virtually zero stretch.
- Double fabric cover offers extreme abrasion and wear resistance.
- Specially treated extra tough cover withstands slip and shear forces at peak loads without generating excessive heat and resists penetration by foreign materials.
- Improved rubber compounds provide superbe oil and heat resistance.
- Non-rubber Bare back surfaced cover allows momentary slippage due to excessive overloads without damaging the belt.

## BENEFITS

- At least 40% higher power ratings than standard construction V-belts.
- No need for constant belt re-tensioning: less maintenance, less downtime.
- Excellent problem solver.
- Static conductive (ISO 1813 - with the exception of 8VP) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- Available on demand in Matched sets. Contact Customer Service for details.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.



**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|
| SPBP/5VP | 16 | 13 | 1500 - 8000 |
| SPCP | 22 | 18 | 2000 - 10600 |
| 8VP | 26 | 23 | 4064 - 9017 |

*PREDATOR™ SPBP & SPCP also available in PowerBand™ version p. 14.*

**Please refer to p. 63 for size list.**

**Ordering code**

SPBP3350
SPB - Section
P - Predator version
3350 - Datum length (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable silver marking indicating the belt type and white marking indicating the belt dimensions.

# 02 QUAD-POWER™ 4

HEAVY DUTY RAW EDGE, MOULDED NOTCH, NARROW SECTION V-BELT

**By using innovative minimal-stretch cord technology, Gates Quad-Power™ 4 bandless V-belts are free of maintenance. Unlike conventional belts, the Quad-Power™ 4 V-belt does not suffer from severe tension decay in the first hours after installation. So no run-in period nor any re-tensioning are required. This new generation of SERVICE FREE EPDM belts are designed to extend product life time eliminating costly downtime for re-tensioning, repair and replacement.**

## CONSTRUCTION

- Minimal-elongation polyester tensile cords allow for stable tension over the entire lifetime.
- Blue adhesion layer for an extra strong bonding of the tensile cords and the rubber compound.
- Optimized notch form for reduced bending stress and improved efficiency.
- New generation EPDM rubber compound to ensure a long service life and a wear-resistant belt under extreme temperatures.

## BENEFITS

- Energy efficiencies up to 98%.
- Less downtime.
- Fewer replacements.
- Higher performance.
- Wider temperature range.
- Halogen-free belt.
- A clear branding for ease of identification.
- Perfect fit on standard ISO/DIN V-pulleys and 3VX/5VX for RMA pulley grooves.
- REACH and RoHS 2 compliant.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- Temperature range: -50 °C to +130 °C.



**Please refer to p. 66 for size list.**

**Ordering code**

XPZ600
XPZ - Section
600 - Datum length (mm)

3VX238
3VX - Section
238 - Effective length (inch 23.8)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable blue marking indicating the belt type and white marking indicating the belt dimensions.

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|
| XPZ/3VX | 10 | 8 | 600 - 3550 |
| XPA | 13 | 10 | 690 - 4000 |
| XPB/5VX | 16 | 13 | 1000 - 5070 |
| XPC | 22 | 18 | 1900 - 5000 |

*Quad-Power™ 4 XPZ, XPA & XPB also available in PowerBand™ version p. 15.*

# 03 SUPER HC™

WRAPPED, NARROW SECTION V-BELT

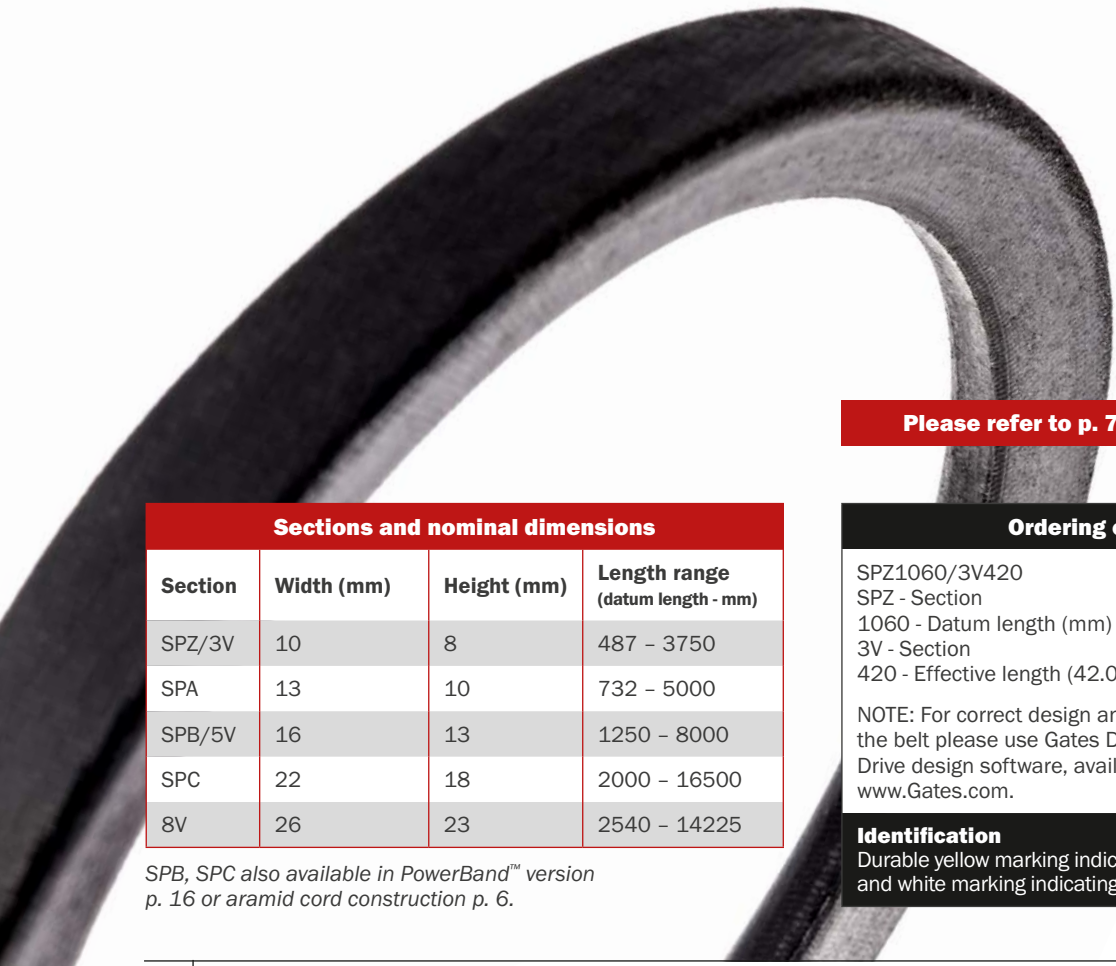
**The Gates Super HC™ V-belt combines the strength of a wrapped belt construction with the economies of a narrow section V-belt. It transmits more power in a given space and allows more compact drive design than classical section V-belts. In short, it offers you more power and considerably reduces the space needed. This significantly cuts the overall drive cost. Super HC™ V-belts also have exclusive Gates construction features for longer life on your drives!**

## CONSTRUCTION

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform pulley sidewall contact for excellent belt service and reduced pulley wear.
- The Flex-Weave oil and heat resistant cover protects the belt.
- The vulcanised Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- The belt will not catch fire from heat buildup, even with severe slippage.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

## BENEFITS

- Excellent performance/cost ratio.
- More compact design compared to classical section V-belts.
- Cost and space savings by reducing size of pulleys, bearings, guards and mounts.
- Improved belt life reducing expensive maintenance time.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.



**Please refer to p. 75 for size list.**

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|
| SPZ/3V | 10 | 8 | 487 – 3750 |
| SPA | 13 | 10 | 732 – 5000 |
| SPB/5V | 16 | 13 | 1250 – 8000 |
| SPC | 22 | 18 | 2000 – 16500 |
| 8V | 26 | 23 | 2540 – 14225 |

*SPB, SPC also available in PowerBand™ version p. 16 or aramid cord construction p. 6.*

**Ordering code**

SPZ1060/3V420
SPZ - Section
1060 - Datum length (mm)
3V - Section
420 - Effective length (42.0 inch)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

# 04 SUPER HC™ MN

RAW EDGE, MOULDED NOTCH NARROW SECTION V-BELT

**Super HC™ MN V-belts put more power where high speeds, high speed ratios or small pulley diameters are required, offering significant benefits over classical section V-belts. Developed through specialised research, Super HC™ MN is highly recommended for use on all industrial heavy-duty, narrow section V-belt drives. With an increased transmission efficiency this belt allows for a more compact and highly economical drive design. Super HC™ MN belts are available up to 4750mm ISO datum lengths.**

## CONSTRUCTION

- MN = Moulded Notches reduce and evenly distribute thermal and bending stresses. The moulded notch pattern also reduces noise.
- Precision-ground straight sidewalls give a uniform wedging action and ensure the belt fits correctly in the pulley grooves.
- Back idlers can be used.
- Flex-bonded tensile cords are vulcanised as one solid unit making the belt highly resistant to tensile and flexing forces, fatigue and shock loads.
- Elastomeric compound protects the belt against heat, ozone and sunlight.
- Even with severe slippage, the belt will not catch fire from heat build-up.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

## BENEFITS

- Excellent performance/cost ratio.
- More compact design compared to classical section V-belts.
- Cost and space savings by reducing size of pulleys, bearings, guards and mounts.
- Improved belt life reducing expensive maintenance time.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- REACH and RoHS 2 compliant.
- Temperature range: -30°C to +60°C.



**Please refer to p. 85 for size list.**

**Ordering code**

SPZ560MN
SPZ - Section
560 - Datum length (mm)
MN - Moulded notch

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|
| SPZ-MN | 10 | 8 | 560 – 3550 |
| SPA-MN | 13 | 10 | 732 – 4000 |
| SPB-MN | 16 | 13 | 1250 – 4750 |
| SPC-MN | 22 | 18 | 2000 - 4750 |

# TRI-POWER™

HEAVY DUTY, RAW EDGE, MOULDED NOTCH, CLASSICAL SECTION

**Gates Tri-Power™ V-belt is built for superior performance on heavy duty drives of classical crosssection. The raw edge construction and special notch design makes the Tri-Power™ belt especially suited for drives requiring small diameter pulleys and back idlers. The ethylene EPDM compound allows the belt to handle extreme temperatures up to +120°C.**

## CONSTRUCTION

- This is a classical section/profile construction.
- Static conductive to ISO and RMA standards for use in explosive environments.
- Flex Bonded tensile cords for resistance to bending stress and separation.
- Cross oriented fiber loaded rubber compound for flexibility and stability.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- EPDM rubber compound to ensure a long service life and a wear-resistant belt under extreme temperatures.

## BENEFITS

- Notched construction to allow bending around small pulley diameters.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- Raw edge, molded notch construction saves up to 3% on energy costs over wrapped belts.
- Improved flexibility for increased performance on small pulley diameters.
- REACH and RoHS 2 compliant.
- Temperature range: -50°C to +120°C.



**Please refer to p. 93 for size list.**

**Ordering code**

AX39
AX - Section
39 - Inside length (inch)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable red marking indicating the belt type and white marking indicating the belt dimensions.

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (effective length - mm) |
|---|---|---|---|
| AX | 13 | 8 | 585 - 4445 |
| BX | 17 | 11 | 610 - 9221 |
| CX | 22 | 14 | 1397- 9246 |

**The wrapped classical section Hi-Power™ V-belt has a long reputation for reliability on agricultural and industrial applications. The arched top of the Hi-Power™ belt provides superior strength to prevent "dishing" and distortion of the tensile section. The cords are properly aligned, each of them carrying its full share of the load.**

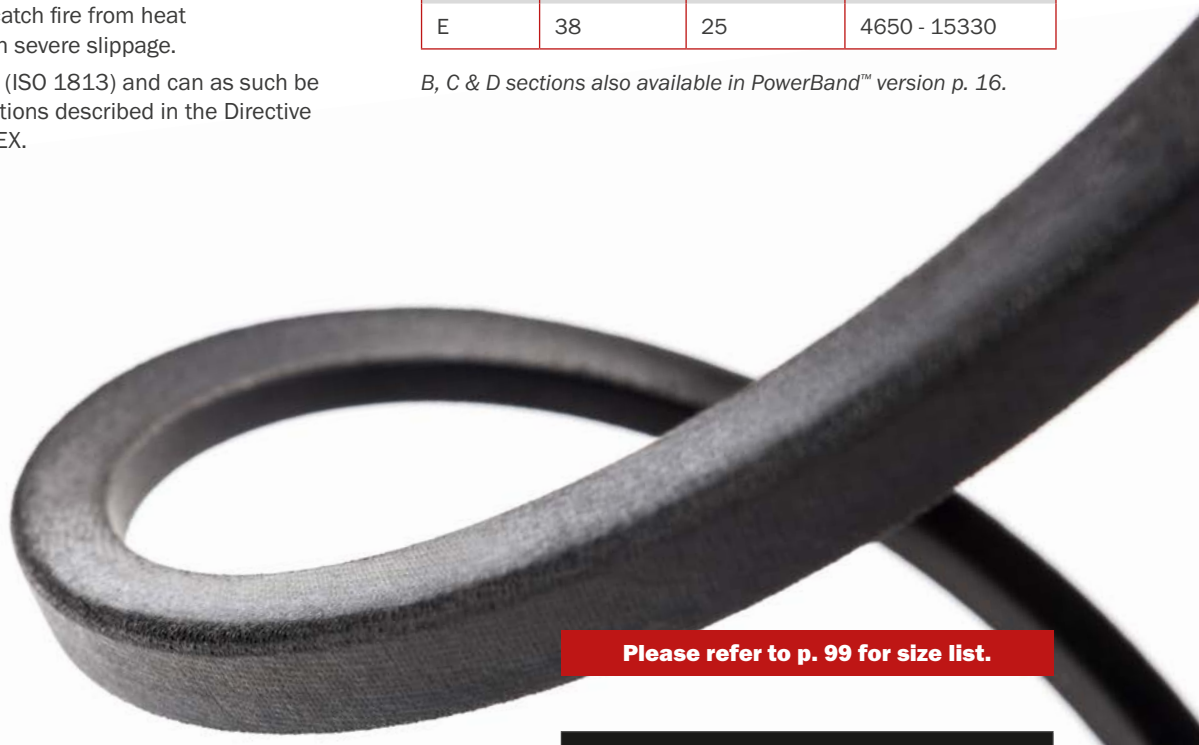
## CONSTRUCTION

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform pulley sidewall contact for excellent belt service life and reduced pulley wear.
- The Flex Weave oil and heat resistant cover protects the belt core from the toughest environments.
- The vulcanized Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- High-quality rubber compound protects the belt against heat, ozone and sunlight.
- The belt will not catch fire from heat buildup, even with severe slippage.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|
| Z | 10 | 6 | 425 – 2500 |
| A | 13 | 8 | 457 – 5000 |
| B | 17 | 11 | 650 – 11960 |
| C | 22 | 14 | 1080 – 10795 |
| D | 32 | 19 | 2500 – 16850 |
| E | 38 | 25 | 4650 - 15330 |

*B, C & D sections also available in PowerBand™ version p. 16.*



**Please refer to p. 99 for size list.**

## BENEFITS

- Excellent performance/cost ratio.
- Reliability and efficiency.
- Long belt life reducing replacement and maintenance costs.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.

**Ordering code**

Z19
Z - Section
19 - Inside length (inch)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable red marking indicating the belt type and white marking indicating the belt dimensions.

# 07 DELTA RANGE

**With Gates you are fully equipped to run strong, whatever you need. Besides our wide range of premium belts, we now also offer you Gates Delta standard V-belts. These standard V-belts stand for a sharp price and performance in combination with trusted Gates quality. They provide the cost-effective solution for all your standard industry drives. Gates Delta belts are made to run.**

## CONSTRUCTION

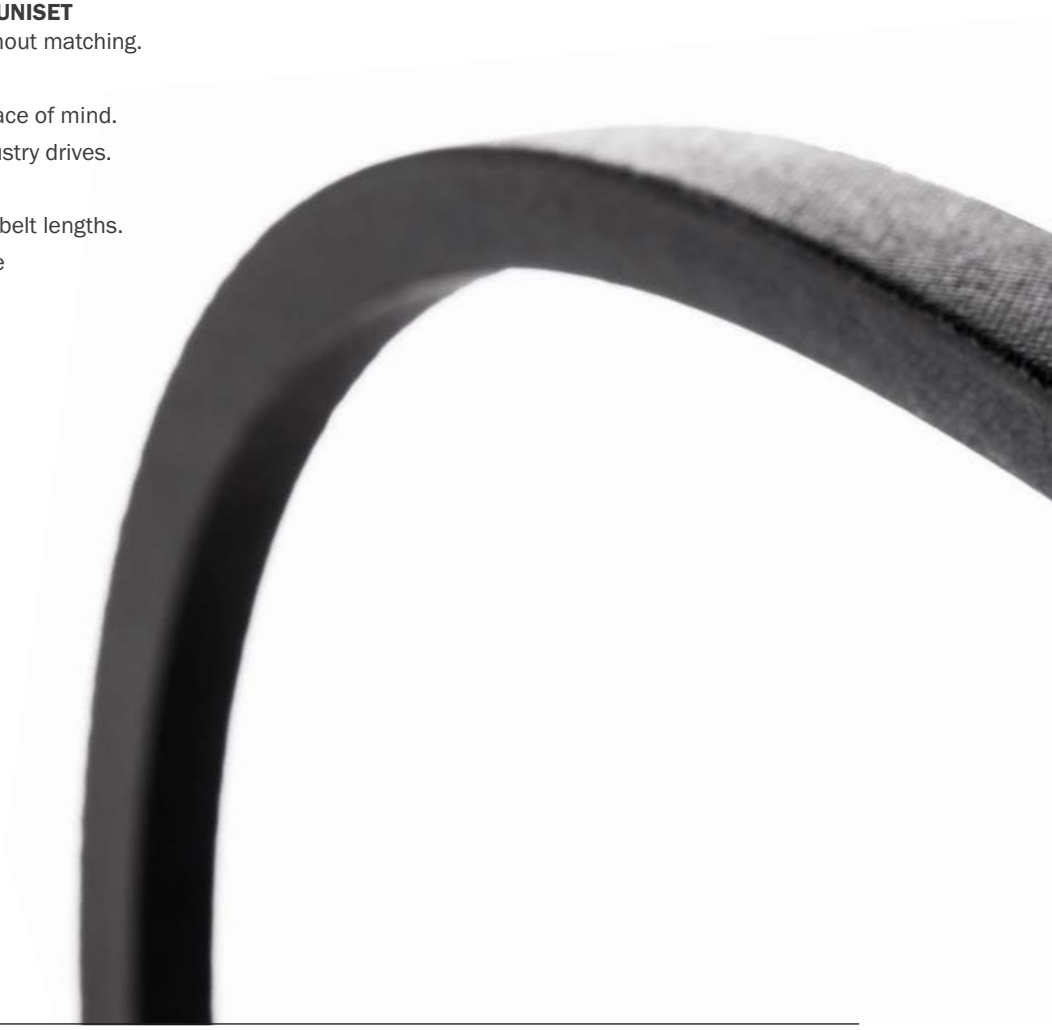
- Quality rubber belt body.
- High-strength polyester tensile cords providing resistance to flexing forces, fatigue and shock loads.
- Oil-resistant flip band offering good grip and protection against abrasion.
- Good belt flexibility, stability and smooth running operation guaranteed.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

## BENEFITS

- Made by Gates.
  Delta is a 100% Gates brand.
- Made in Europe.
  Trusted quality, 100% made in our own Gates European factories.
- Made to deliver.
  Two V-belt profiles in a complete size range available at sharp prices.

## PRODUCT FEATURES

- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- Excellent price/performance ratio.
- Trusted Gates quality that equals peace of mind.
- Made to run in all your standard industry drives.
- REACH and RoHS 2 compliant.
- Available in all popular sections and belt lengths.
- Specified to operate in a temperature range from -30 °C to +70 °C.



## DELTA CLASSIC™

**Delta Classic™ V-belts have a classical V-shaped profile and are built for a reliable and durable performance on all industry standard classical section drives used in compressors, pumps, aggregates, alternators, saw, milling, and processing machines. Just to name a few.**

| Ordering code |
|---|
| C62DELTA<br>C - Section<br>62 - Inside length (inch)<br>DELTA - Product name |
| **Identification**<br>Durable green marking indicating the belt type and white marking indicating the belt dimensions. |

**Please refer to p. 112 for size list.**

| Sections and nominal dimensions | | | |
|---|---|---|---|
| **Section** | **Width (mm)** | **Height (mm)** | **Length range** (inside length - mm) |
| Z | 10 | 6 | 400 – 1803 |
| A | 13 | 8 | 425 – 5000 |
| B | 17 | 11 | 660 – 7110 |
| C | 22 | 14 | 1092 – 8532 |
| D | 32 | 19 | 2000 – 15240 |
| E | 38 | 25 | 3748 – 13918 |

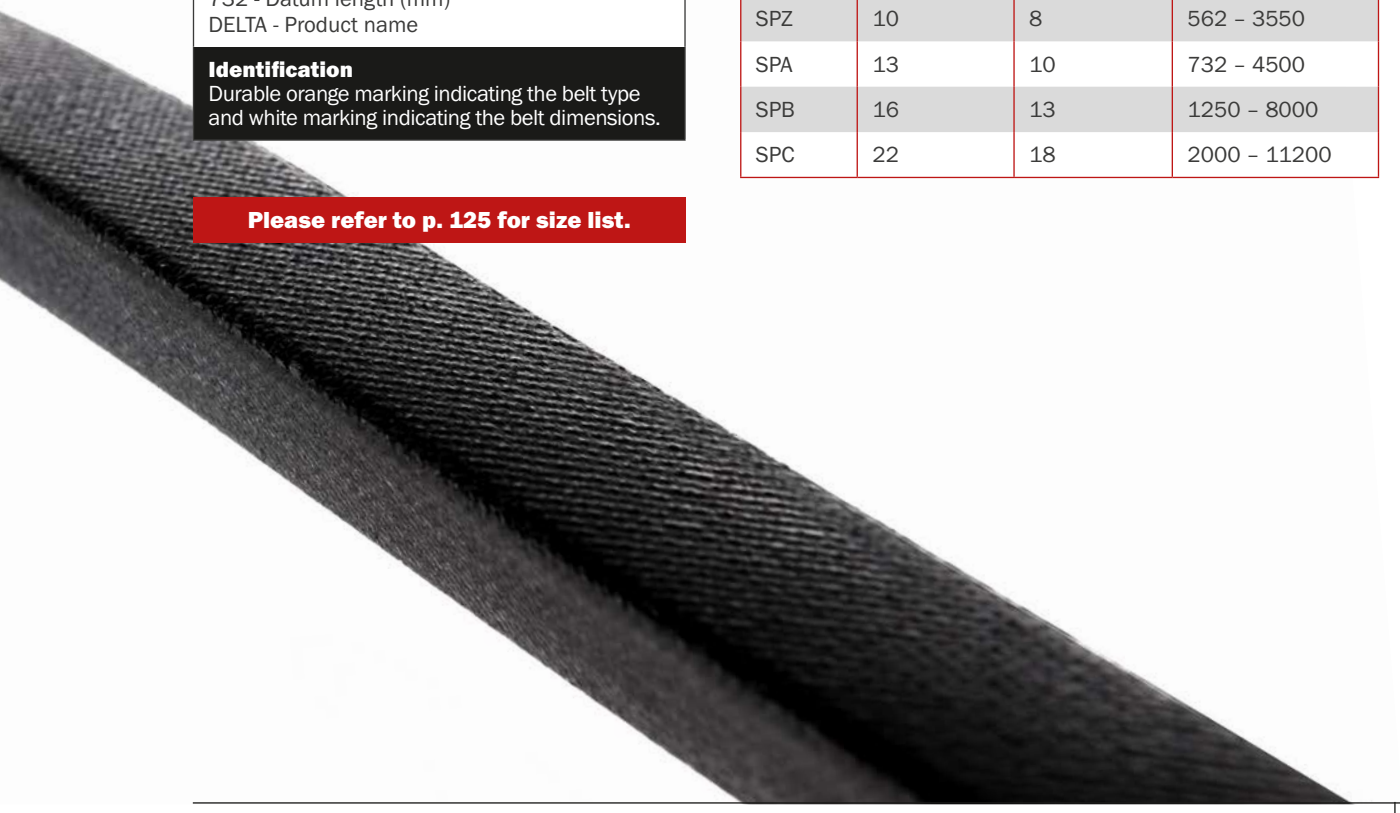
## DELTA NARROW™

**Delta Narrow™ V-belts have a narrow section profile, making them the perfect option for all industry standard drives commonly referred to as narrow or deep wedge.**

| Ordering code |
|---|
| SPA732DELTA<br>SPA - Section<br>732 - Datum length (mm)<br>DELTA - Product name |
| **Identification**<br>Durable orange marking indicating the belt type and white marking indicating the belt dimensions. |

**Please refer to p. 125 for size list.**

| Sections and nominal dimensions | | | |
|---|---|---|---|
| **Section** | **Width (mm)** | **Height (mm)** | **Length range** (datum length - mm) |
| SPZ | 10 | 8 | 562 – 3550 |
| SPA | 13 | 10 | 732 – 4500 |
| SPB | 16 | 13 | 1250 – 8000 |
| SPC | 22 | 18 | 2000 – 11200 |



# 08 PREDATOR™ POWERBAND™

HEAVY DUTY WRAPPED NARROW SECTION JOINED V-BELT WITH ARAMID CORD

**Gates' Predator™ PowerBand™ belt design offers a solution for drives where single belts vibrate, turn over or jump off the pulleys. It consists of several V-belts joined together by a permanent, high-strength tie band allowing the belts to work together as one unit. The Predator™ Powerband™ belt is especially designed for demanding applications and harsh environments and offers a high resistance to vibration. Predator™ Powerband™ are available in SPBP, SPCP, 5VP/15JP and 8VP section.**

## CONSTRUCTION

- Narrow cross-sections.
- Strong tie band joins the back of all belts.
- Flex bonded aramid tensile cords.
- Double layer bare back fabric cover.
- Fibre-loaded compound for improved belt stability.
- Gates curves provide full contact with pulley grooves for uniform loading of cords, uniform wear and increased belt life.
- The belt will not catch fire from heat build-up, even with severe slippage.

## BENEFITS

- At least 40% higher power ratings than standard construction V-belts.
- No need for constant belt re-tensioning.
- Aramid tensile cords easily handle shock loads.
- Less maintenance, less downtime.
- Excellent problem solver.
- Feature a multiple layer tie band that provides excellent lateral rigidity to prevent belts from turning over or from coming off the drive.
- Predator™ PowerBand™ belts are static conductive (ISO 1813) (except for 8VP) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- Available on demand in matched sets. Contact Customer Service for details.
- REACH and RoHS 2 compliant
- Temperature range: -30 °C to +60 °C.

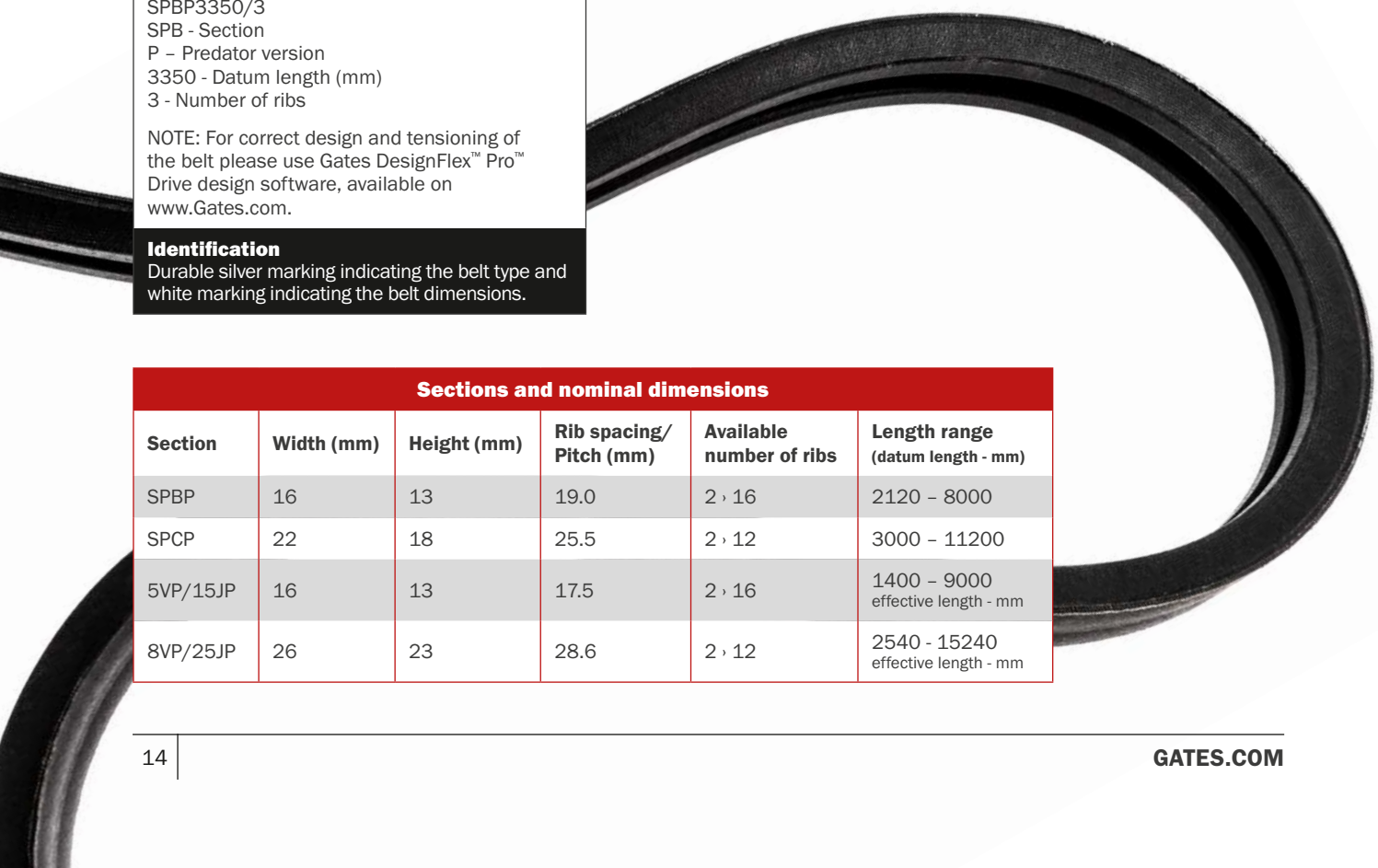
**Please refer to p. 134 for size list.**

**Ordering code**

SPBP3350/3
SPB - Section
P – Predator version
3350 - Datum length (mm)
3 - Number of ribs

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable silver marking indicating the belt type and white marking indicating the belt dimensions.



**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Rib spacing/ Pitch (mm) | Available number of ribs | Length range (datum length - mm) |
|---|---|---|---|---|---|
| SPBP | 16 | 13 | 19.0 | 2 › 16 | 2120 – 8000 |
| SPCP | 22 | 18 | 25.5 | 2 › 12 | 3000 – 11200 |
| 5VP/15JP | 16 | 13 | 17.5 | 2 › 16 | 1400 – 9000 effective length - mm |
| 8VP/25JP | 26 | 23 | 28.6 | 2 › 12 | 2540 - 15240 effective length - mm |

# QUAD-POWER™ 4 POWERBAND™

HEAVY DUTY RAW EDGE, MOULDED NOTCH, NARROW SECTION, JOINED V-BELT

**Gates PowerBand™ belts are engineered for drives that are subject to pulsating loads, shock loads or extreme vibrations. By joining several Quad-Power™ 4 V-belts together the Quad-Power™ 4 PowerBand™ offers a maintenance-free solution for drives where single belts vibrate, turn over or jump off the pulleys. It comes with all of the advantages of the single belt: this SERVICE FREE EPDM belts are designed to extend product life time eliminating costly downtime for re-tensioning, repair and replacement. Furthermore these belts offer a broad temperature operating range.**

## CONSTRUCTION

- Minimal-elongation polyester tensile cords allow for stable tension over the entire lifetime.
- PowerBand™ construction is built as one solid unit, controlling the belt-to-belt distance and preventing sideways bending. This provides excellent resistance against vibrations and shock loads.
- Flat back construction reduces noise when used with a back side idler or tensioner.
- EPDM rubber compound to ensure a long service life and a wear-resistant belt under extreme temperatures.

## BENEFITS

- Service-free PowerBand™ V-belt with high stability on the toughest drives.
- Halogen-free belt.
- Perfect fit on standard ISO/DIN (for XPZ/XPA/XPB) or RMA (for 3VX/5VX) V-pulleys.
- Manufactured to DIN7753, ISO4184, RMA IP-22.
- Savings in drive space and weight thanks to high transmission efficiency.
- High stability and smooth running on the toughest drives.
- Important design economies possible.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- RoHS 2 and REACH compliant.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- Temperature range: -50°C to +130°C.

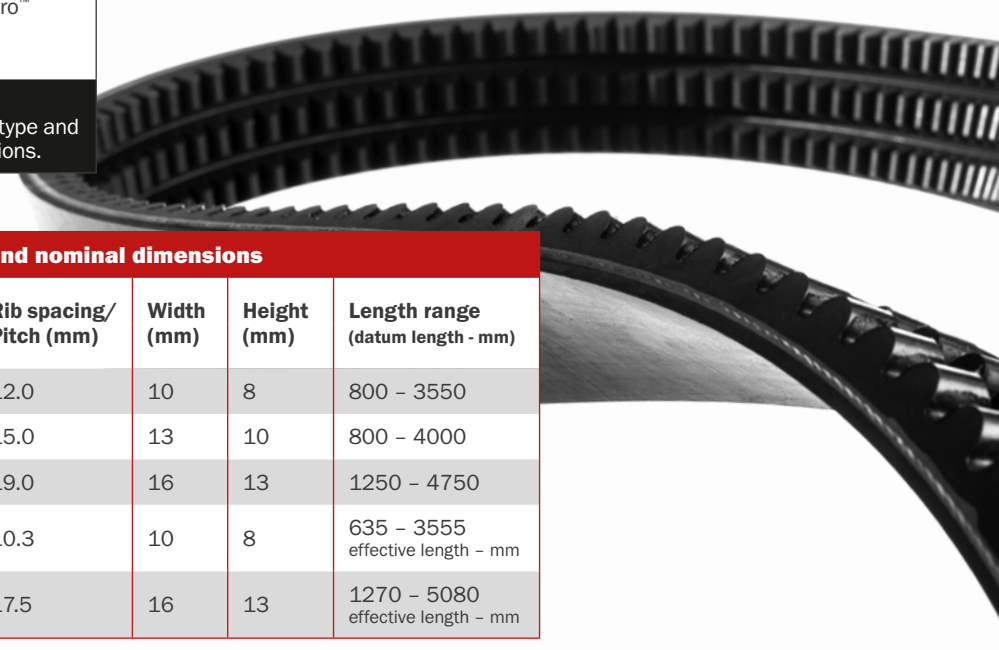
**Please refer to p. 138 for size list.**

**Ordering code**

XPB2500/2
XPB - Section
2500 - Datum length (mm)
2 - Number of ribs

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable blue marking indicating the belt type and white marking indicating the belt dimensions.



**Sections and nominal dimensions**

| Section | Standard numbers of ribs | | | | Rib spacing/ Pitch (mm) | Width (mm) | Height (mm) | Length range (datum length - mm) |
|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | | | | |
| XPZ | x | x | x | | 12.0 | 10 | 8 | 800 – 3550 |
| XPA | x | x | | | 15.0 | 13 | 10 | 800 – 4000 |
| XPB | x | x | | | 19.0 | 16 | 13 | 1250 – 4750 |
| 3VX* | x | x | x | x | 10.3 | 10 | 8 | 635 – 3555 effective length – mm |
| 5VX* | x | x | x | x | 17.5 | 16 | 13 | 1270 – 5080 effective length – mm |

**Branded as Super HC™ PowerBand™.*

# SUPER HC™ & HI-POWER™ POWERBAND™

WRAPPED, NARROW SECTION/CLASSICAL SECTION JOINED V-BELT

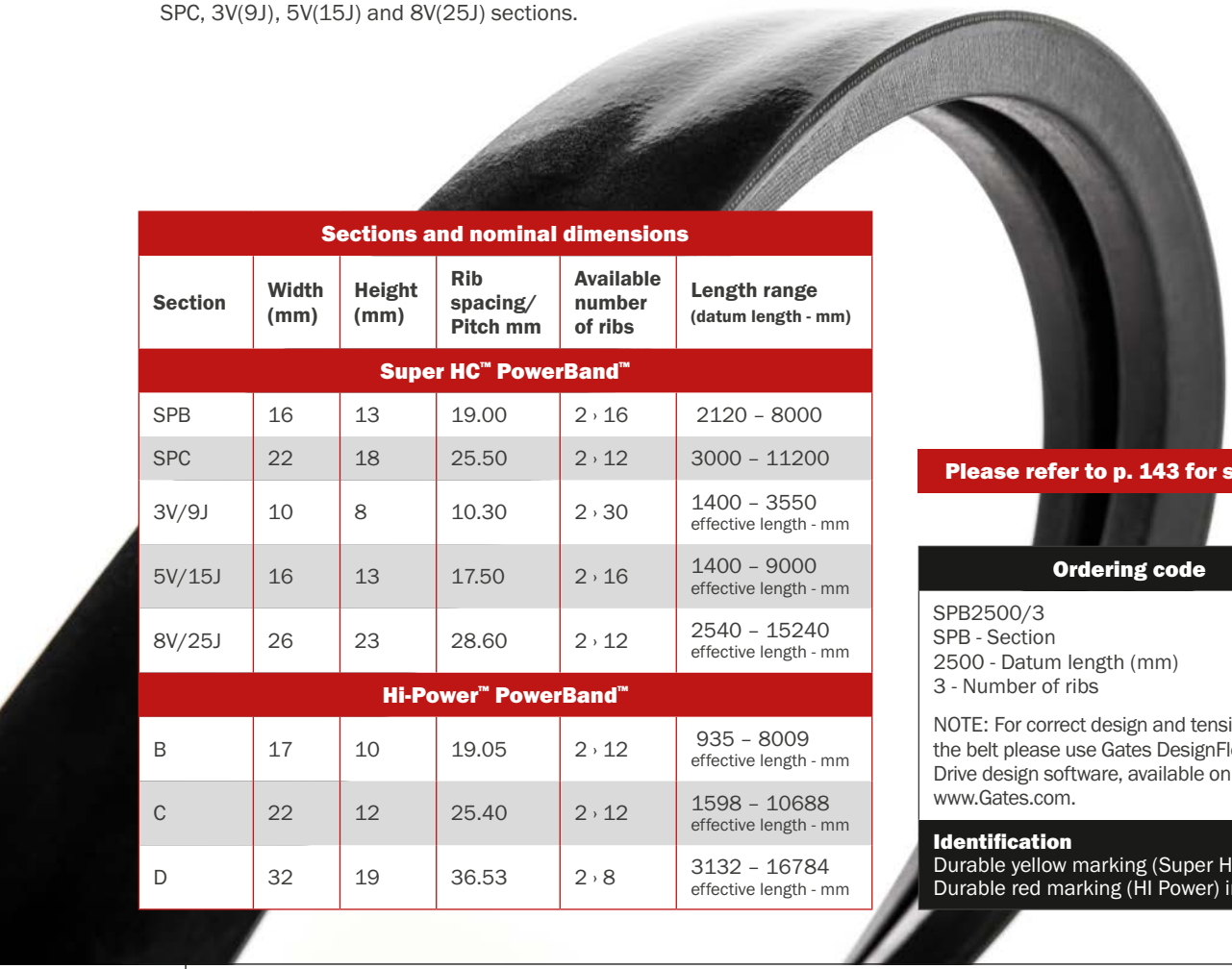
**Gates Super HC™ PowerBand™ and Hi-Power™ PowerBand™ offer a solution for drives where single belts vibrate, turn over or jump off the pulleys. They consist of several V-belts joined together by a permanent, highstrength tie band offering a tougher more stable solution compared to a single belt.**

## CONSTRUCTION

- Strong band controls belt-to-belt distance and prevents sideways bending.
- Flex-bonded tensile cords are vulcanized as one solid unit making the belt highly resistant to tensile and flexing forces, fatigue and shock loads.
- Hi-Power™ PowerBand™ B, C and D sections are available on request.
- Concave sides and arched top.
- Flex-Weave™ cover protects the belt core from the toughest environments.
- Elastomeric compound protects the belt against heat, ozone and sunlight.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU-ATEX.
- Super HC™ PowerBand™ is available in SPB, SPC, 3V(9J), 5V(15J) and 8V(25J) sections.

## BENEFITS

- Better resistance to vibrations.
- High stability and smooth running on the toughest drives.
- Important design economies possible.
- Savings in drive space and weight due to high transmission efficiency.
- Available on demand in Matched sets. Contact Customer Service for details.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.



**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Rib spacing/ Pitch mm | Available number of ribs | Length range (datum length - mm) |
|---|---|---|---|---|---|
| **Super HC™ PowerBand™** | | | | | |
| SPB | 16 | 13 | 19.00 | 2 › 16 | 2120 – 8000 |
| SPC | 22 | 18 | 25.50 | 2 › 12 | 3000 – 11200 |
| 3V/9J | 10 | 8 | 10.30 | 2 › 30 | 1400 – 3550 effective length - mm |
| 5V/15J | 16 | 13 | 17.50 | 2 › 16 | 1400 – 9000 effective length - mm |
| 8V/25J | 26 | 23 | 28.60 | 2 › 12 | 2540 – 15240 effective length - mm |
| **Hi-Power™ PowerBand™** | | | | | |
| B | 17 | 10 | 19.05 | 2 › 12 | 935 – 8009 effective length - mm |
| C | 22 | 12 | 25.40 | 2 › 12 | 1598 – 10688 effective length - mm |
| D | 32 | 19 | 36.53 | 2 › 8 | 3132 – 16784 effective length - mm |

**Please refer to p. 143 for size list.**

**Ordering code**

SPB2500/3
SPB - Section
2500 - Datum length (mm)
3 - Number of ribs

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable yellow marking (Super HC)/ Durable red marking (HI Power) indicating.

# 11 HI-POWER™ DUBL-V

WRAPPED CLASSICAL SECTION DOUBLE SIDED V-BELT

**Gates' Hi-Power™ Dubl-V belt is characterised by a double-V profile. It uses flex-bonded tensile cords, which are highly resistant to flexing forces, and a protective Flex-Weave™ cover. It is the ideal solution for "serpentine" drives (drives with counter rotating shafts) where power is transmitted from both the top and the bottom of the belts. This belt is designed with a unique recessed top and bottom to maintain sidewall contact, while remaining flexible for drives that require power transmission from both sides of the belt. Suitable for all industrial serpentine applications requiring rotation reversal on some driven shafts.**

## CONSTRUCTION

- Gates curves provide proper cord support and full contact with the sheave-groove for uniform loading, uniform wear, and increased belt life.
- Flex-Bonded cords are strongly bonded to the 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.
- Classical cross-section.

## BENEFITS

- Power transmission from both sides of the belt.
- Premium performance.
- Suitable for dirty/dusty environments.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching. (Hi-Power™ Dubl-V DD not included in UNISET tolerances).
- Temperature range: -30°C to +60°C.



**Please refer to p. 152 for size list.**

| Ordering code |
|---|
| AA51<br>AA - Section (double)<br>51 - Inside length (inch)<br><br>NOTE: For correct design and tensioning of the belt please consult with our application engineering team. |
| **Identification**<br>Durable white marking indicating the belt type and white marking indicating the belt dimensions. |

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (effective length - mm) |
|---|---|---|---|
| AA | 13 | 10 | 1350 – 3290 |
| BB | 17 | 14 | 940 – 7635 |
| CC | 22 | 18 | 1980 – 10690 |
| DD | 32 | 25 | 6875 - 9160 |

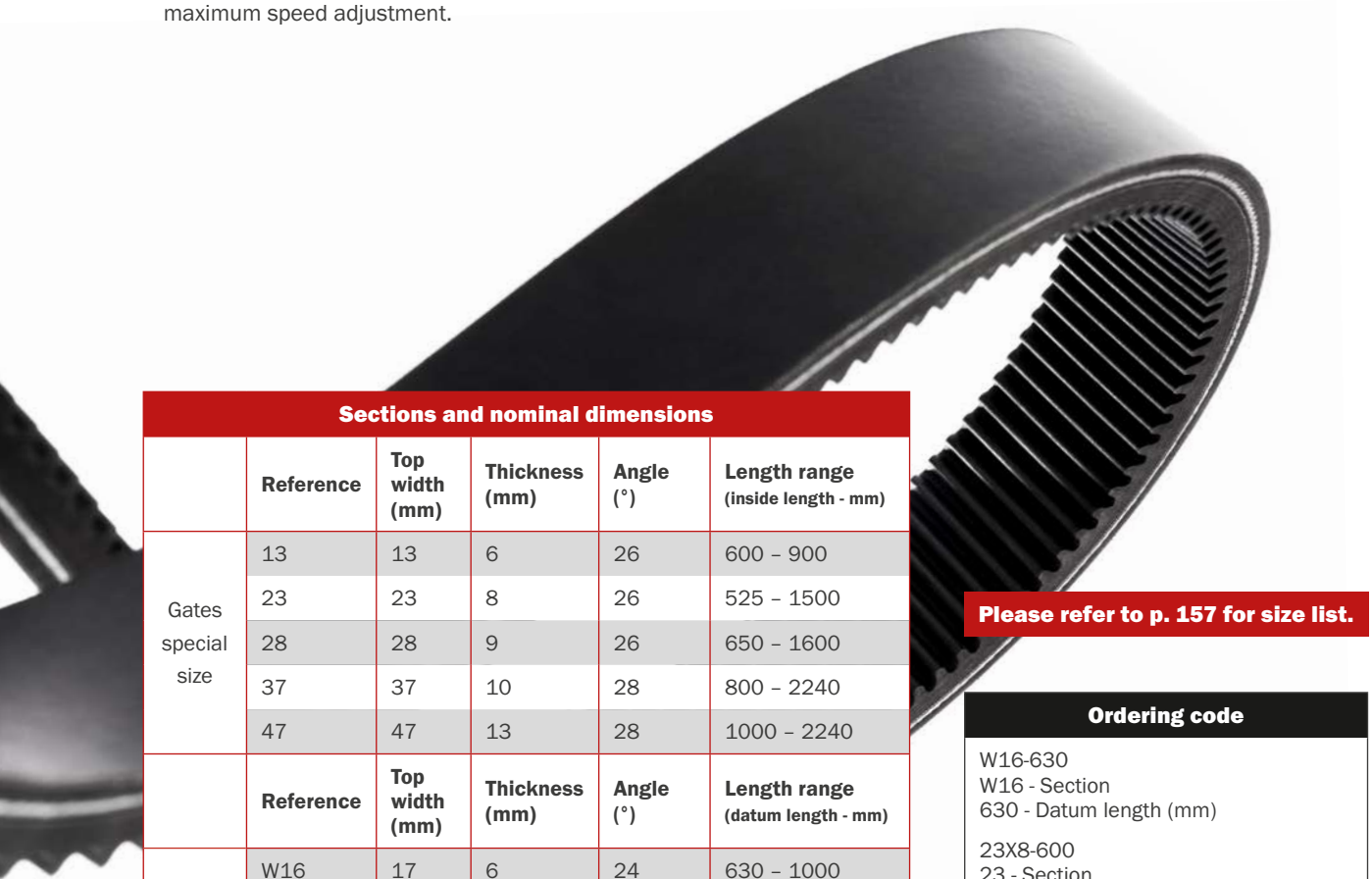
**Gates Multi-Speed™ belt provides top performance on variable speed drives. It adjusts itself to the pulley groove without difficulty, providing a wide range of speeds and speed ratios. In addition to the standard Multi-Speed™ belt line, special sizes (top width, thickness and angle) are available on request.**

## CONSTRUCTION

- Engineered notch contour increases flexibility. The notches ensure maximum heat dispersion, considerably decreasing running temperatures.
- Strong transverse rigidity offers high resistance to distortion of the belt in the pulley. This results in even load distribution and wear reduction.
- Uniform composition and thickness of the undercord ensure smooth and silent running.
- Combination of these construction features gives maximum speed adjustment.

## BENEFITS

- Maximum range of speed changes.
- High load-carrying capacity.
- Smooth machine operation.
- Exceptionally long belt life.
- Temperature range: -30 °C up to +60 °C.



**Sections and nominal dimensions**

| | Reference | Top width (mm) | Thickness (mm) | Angle (°) | Length range (inside length - mm) |
|---|---|---|---|---|---|
| Gates special size | 13 | 13 | 6 | 26 | 600 – 900 |
| | 23 | 23 | 8 | 26 | 525 – 1500 |
| | 28 | 28 | 9 | 26 | 650 – 1600 |
| | 37 | 37 | 10 | 28 | 800 – 2240 |
| | 47 | 47 | 13 | 28 | 1000 – 2240 |
| | **Reference** | **Top width (mm)** | **Thickness (mm)** | **Angle (°)** | **Length range (datum length - mm)** |
| ISO R1604 sizes | W16 | 17 | 6 | 24 | 630 – 1000 |
| | W20 | 21 | 7 | 26 | 630 – 1250 |
| | W25 | 26 | 8 | 26 | 710 – 1600 |
| | W31.5 | 33 | 10 | 26 | 900 – 2000 |
| | W40 | 42 | 13 | 28 | 1120 – 2500 |
| | W50 | 52 | 16 | 28 | 1400 – 3150 |
| | W63 | 65 | 20 | 30 | 1800 – 3150 |

**Please refer to p. 157 for size list.**

**Ordering code**

W16-630
W16 - Section
630 - Datum length (mm)

23X8-600
23 - Section
8 - Thickness (mm)
600 - Inside length (mm)

NOTE: For correct design and tensioning of the belt please consult with our application engineering team.

**Identification**
Durable white marking indicating the belt type and white marking indicating the belt dimensions.

# 13 POWERATED™

GREEN TEXTILE WRAPPED V-BELT

**PoweRated™ V-belt is recommended for heavy-duty drives and clutching applications. It meets the requirements of high power, clutching ability, heavy shock load absorption and back idler driven lawn and garden equipment.**

## CONSTRUCTION

- Aramid tensile cords combine limited stretch with extraordinary strength and durability.
- Low cord positioning in thin profile gives extreme flexibility.
- Distinct green color bareback low friction wrapping provide smooth clutching operation.
- Fabric reinforcement on the bottom ensures high crack resistance if back idler is used.

## BENEFITS

- Smooth clutching and disengaging.
- Length stability.
- Special shock resistance.
- Special bending and crack resist.
- Temperature range: -30°C up to +60°C.



**Please refer to p. 158 for size list.**

| Sections and nominal dimensions | | | |
|---|---|---|---|
| **Section** | **Width (inch)** | **Height (inch)** | **Length range (outside length - mm)** |
| 3L | 3/8 | 7/32 | 406 – 1549 |
| 4L | 1/2 | 5/16 | 432 – 2972 |
| 5L | 21/32 | 3/8 | 635 – 2515 |

**Ordering code**

3L16
3L - Section
16 - Outside length (inch)

NOTE: For correct design and tensioning of the belt please consult with our application engineering team.

**Identification**
Durable black marking indicating the belt type and black marking indicating the belt dimensions.

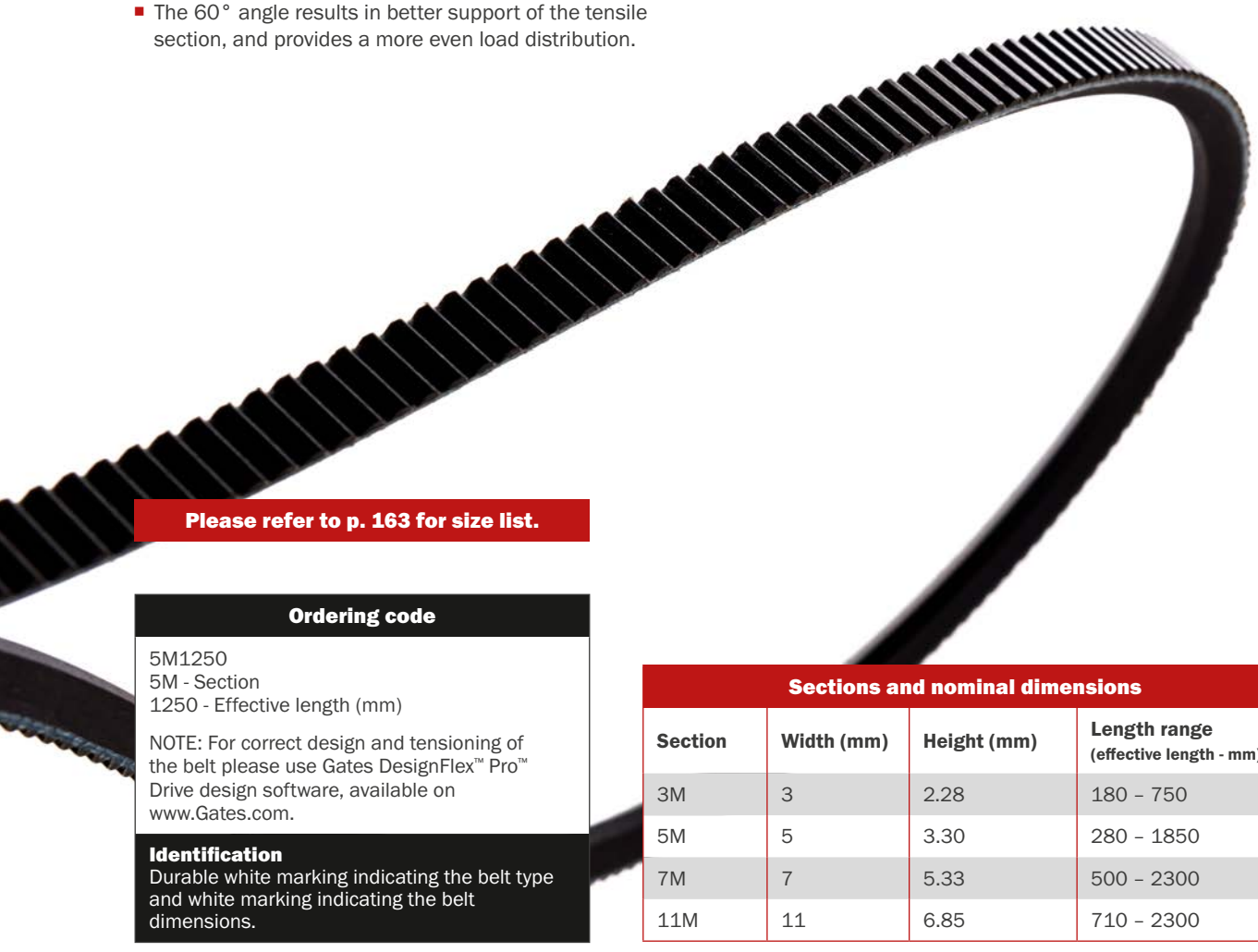
**This compact and strong belt with nominal top width from 3mm to 11mm transmits more power and allows high speed ratios. Polyflex™ is suited for extremely small diameter pulleys and very compact drives with high rotational speeds. Ideal for use on machines and machine tools requiring high performance and smooth operation in limited space such as bench type milling machines, lathe drives, woodworking and metalworking machine spindle drives, computer peripheral equipment, small blowers, etc.**

## CONSTRUCTION

- High modulus, new formulated polyurethane compound, superior to conventional belt materials, offers high fatigue and wear resistance and a high friction coefficient. It also improves adhesion to the tensile cords.
- Polyurethane is extremely resistant to heat, chemicals and oil.
- Uniformity throughout Polyflex™ is ensured because the polyurethane compound is not layered but cast without overlaps for smooth running and low vibration.
- Ribbed top provides lateral rigidity without increasing bending stresses.
- The 60° angle results in better support of the tensile section, and provides a more even load distribution.

## BENEFITS

- Design freedom and space savings which are not possible with conventional rubber construction belts.
- Low maintenance cost as belt needs less re-tensioning.
- Long belt life on compact drives.
- Available on demand as Matched sets. Contact Customer Service for details.
- Temperature range: -54 °C up to +85 °C.



**Please refer to p. 163 for size list.**

**Ordering code**

5M1250
5M - Section
1250 - Effective length (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and white marking indicating the belt dimensions.

**Sections and nominal dimensions**

| Section | Width (mm) | Height (mm) | Length range (effective length - mm) |
|---|---|---|---|
| 3M | 3 | 2.28 | 180 – 750 |
| 5M | 5 | 3.30 | 280 – 1850 |
| 7M | 7 | 5.33 | 500 – 2300 |
| 11M | 11 | 6.85 | 710 – 2300 |

# POLYFLEX™ JB™

POLYURETHANE JOINED V-BELT

**Polyflex™ JB™ is synonymous with high power density in small spaces. Developed by Gates and produced to patented manufacturing processes, these belts provide more load-carrying capacity at higher speeds to small multiple V-belt precision drives. This results in significant cost savings and improved design freedom. Polyflex™ JB™ belts are recommended for use on bench type milling machines, lathe drives, woodworking and metalworking machine spindle drives, computer peripheral equipment, small blowers, etc. They are available in 3M-JB, 5M-JB, 7M-JB and 11M-JB sections.**

## CONSTRUCTION

- JB = Joined Belt construction improves stability.
- Ribs relieve bending stress on small pulleys and provide lateral rigidity.
- The 60° angle provides more undercord support to the tensile section and distributes the load more evenly.
- Small cross-section meets special application needs such as high shaft speeds, small drive package size and smooth running requirements.
- High modulus polyurethane compound with a high friction coefficient.
- The precise casting method eliminates overlaps and layers.
- Excellent adhesion of tensile cords and polyurethane compound leads to high fatigue resistance and long belt life.
- Extra toughness. The polyurethane compound resists fatigue, wear and ozone.

## BENEFITS

- Long belt life on small pulleys and compact drives.
- Greater shaft speeds, up to 30,000 rpm.
- High performance and smooth running for precision applications.
- Cost savings and design freedom.
- Avoids vibrations when subjected to shock loads.
- Available on demand in Matched sets. Contact Customer Service for details.
- Available on demand in MTQ (MTQ=Machine Tool Quality) execution (Except on 3M-JB). Contact Customer Service for details.
- Temperature range: -54°C up to +85°C.



**Please refer to p. 168 for size list.**

**Sections and nominal dimensions**

| Section | Standard numbers of ribs | | | | Width (mm) | Height (mm) | Rib spacing/ Pitch (mm) | Length range (effective length - mm) |
|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | | | | |
| 3M-JB | x | x | | | 3 | 2.28 | 3.35 | 175 – 750 |
| 5M-JB | x | x | x | x | 5 | 3.30 | 5.30 | 280 – 1500 |
| 7M-JB | x | x | x | x | 7 | 5.33 | 8.50 | 490 – 2293 |
| 11M-JB | x | x | | | 11 | 7.06 | 13.20 | 692 – 2282 |

*Other number of ribs available on request. For detailed info, please contact your Gates representative.*

**Ordering code**

5M280/3
5M - Section
280 - Effective length (mm)
3 - Number of ribs (joined belt)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and white marking indicating the belt dimensions.

**Gates Micro-V® belts ensure outstanding performance on any industrial multi-ribbed drive. They cover a multitude of industrial applications and are suitable for industrial drives in washing machines, textile machines, vacuum cleaners, lawn mowers, machine tools, medical equipment and many more. The full line of Micro-V® belt products includes slabs in several widths as well as single belts in PJ, PK, PL and PM sections in order to perfectly match customer requirements. Both slabs and belts can be manufactured in a great variety of number of ribs.**

## CONSTRUCTION

- Truncated ribs ensure flexibility, reduce heat build-up and improve rib crack resistance. They also enhance load-carrying capacity on small diameter pulleys.
- Can be installed on grooved DriveR and flat DriveN pulley.
- High modulus, low stretch polyester tensile member provides superior resistance to fatigue and shock loads.
- All elastomeric rubber compound provides oil and heat resistance.
- Belts will operate in standard pulleys provided the pulleys are manufactured to the DIN 7867 or ISO 9982 standard for the specific cross-section.
- Specially formulated fibre reinforced undercord that improves belt stability.

## BENEFITS

- Extremely smooth and cool running.
- Very high power capacity per rib.
- Long life due to extra load-carrying capacity.
- Improved performance on back idlers.
- Smaller drive package.
- Tolerant of pulley groove debris.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX (except PK profile).
- Temperature range:
  -30 °C to +60 °C (PJ, PL, PM).
  -50 °C to +120 °C (PK) (EPDM compound).



**Please refer to p. 174 for size list.**

**Sections and nominal dimensions**

| Section | Height (mm) | Rib spacing (mm) |
|---|---|---|
| PJ | 3.5 | 2.34 |
| PK | 4.45 | 3.56 |
| PL | 6.4 | 4.70 |
| PM | 12.7 | 9.40 |

**Ordering code**

PM2286/28
PM - Section
2286 - Effective length (mm)
28 - number of ribs

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

# 2. SYNCHRONOUS BELTS

# POLY CHAIN® RANGE

POLYURETHANE SYNCHRONOUS BELTS

**A UNIQUE ALTERNATIVE TO ROLLER CHAIN**

**Our Poly Chain® family of belts offers you the most advanced synchronous belt technology on the market. Upon its introduction more than 30 years ago, this synchronous belt already set the standard for long and reliable service.**

**The unique construction makes all Poly Chain® belts extremely tough and virtually immune to abrasion and chemical attack. Since Poly Chain® belts do not require re-tensioning or lubrication they make an excellent alternative to roller chains. Furthermore, they offer a much cleaner and more compact drive solution but at the same or higher power capacity.**

## BENEFITS

- Substantial savings in space and weight.
- Maintenance-free.
- Outlasts roller chain up to 4 to 1.
- Lower noise levels even at high transport speed.
- Inside and back idlers can be used.

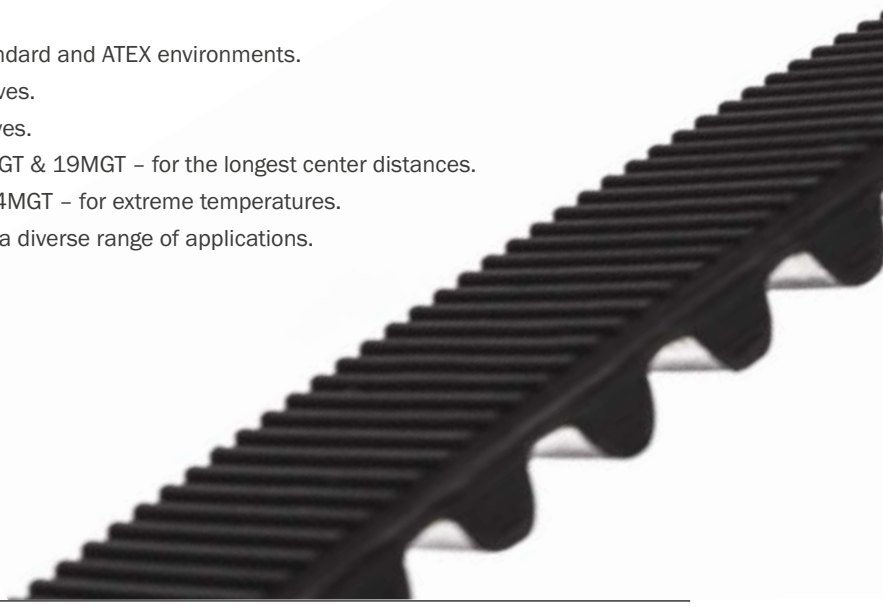
## MAKE THE SWITCH TO POLY CHAIN BELTS

**Poly Chain® belt drives have already been successfully installed and used in a wide variety of applications resulting in large cost-savings and capacity improvements every single time. The following industries are ideal for this maintenance-free technology:**

- Industrial equipment (mining, construction, food & beverage, wood, paper, pulp and textile).
- Vehicles and engines (motorcycles and other motor vehicles).
- Lift and handling equipment.
- Machine tools.
- Agricultural and forestry equipment (combines, debarkers, saws).

## DISCOVER THE ENTIRE FAMILY

- Poly Chain® Carbon™ VOLT™ 8MGT & 14MGT – for standard and ATEX environments.
- Mini Poly Chain® GT Carbon™ 8MGT – for conveyor drives.
- Poly Chain® GT Carbon™ 5MGT – for very compact drives.
- Poly Chain® GT Carbon™ Extended Length Range 14MGT & 19MGT – for the longest center distances.
- Poly Chain® GT Carbon™ High Temperature 8MGT & 14MGT – for extreme temperatures.
- Poly Chain® GT2 8MGT & 14MGT – problem-solver in a diverse range of applications.



# 17 POLY CHAIN® CARBON™ VOLT™

ANTI-STATIC POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH

**THE POWER YOU WANT, THE SAFETY YOU NEVER HAD**

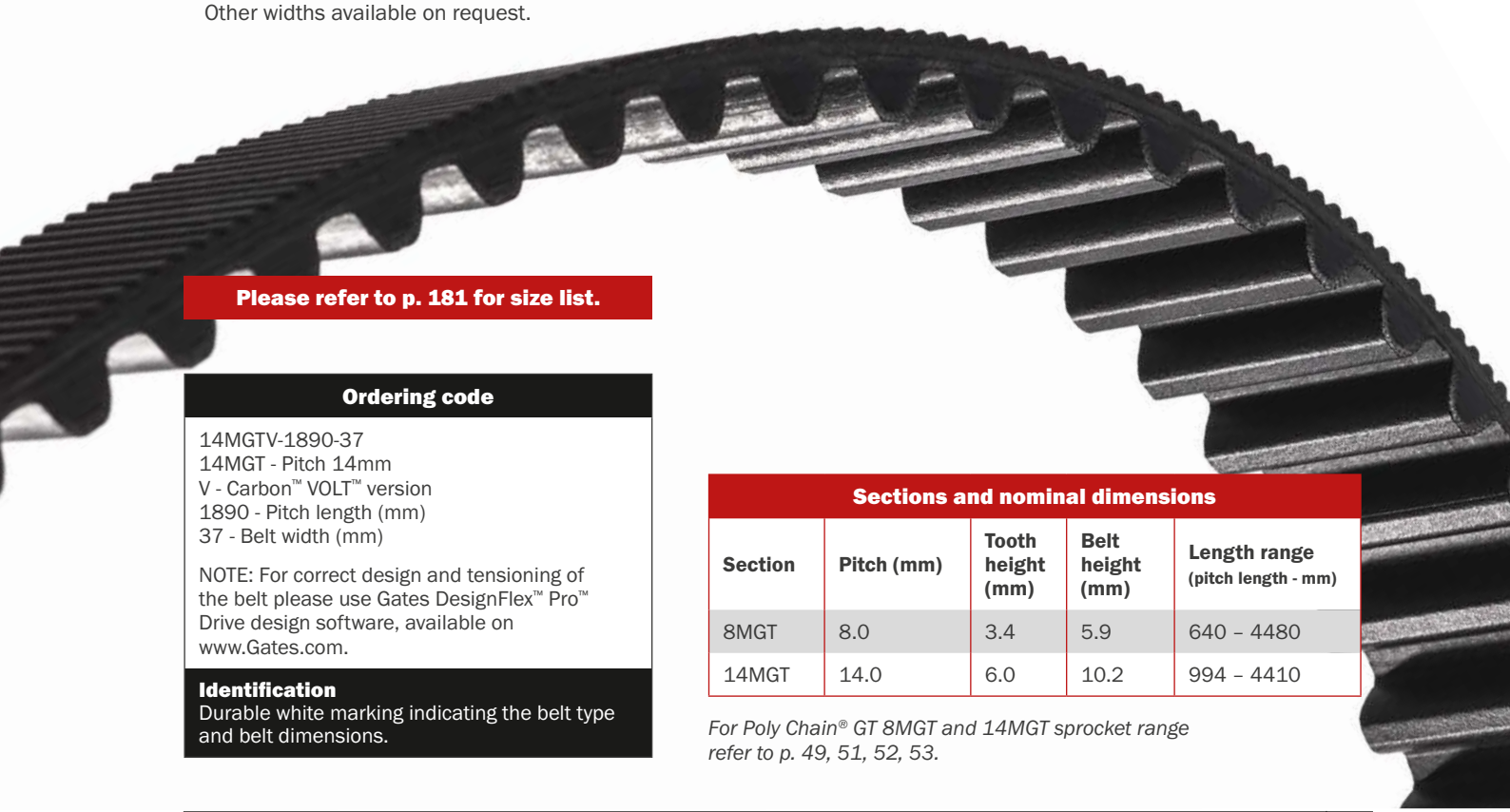
**Antistatic power transmission belts are a must in ATEX environments. To ensure the highest safety standards, their capacity to safely dissipate static electricity should meet the required levels over the lifetime of the belt - and not only when new. The Poly Chain® Carbon™ VOLT™ belt is the only belt in the market that meets the ISO 9563 standard over the complete lifespan of the belt. Its patented static-conductive jacket construction transfers static electricity safely to carbon tensile cords, away from the driven side of the application – making it your safest and strongest option for applications in ATEX environments.**

## CONSTRUCTION

- Static conductive (ISO 9563) and can as such be used in the conditions described in the directive 2014/34/EU- ATEX.
- Chemically resistant polyurethane compound that ensures optimum adhesion with the carbon tensile cords.
- Carbon fibre reinforcement for high strength and length stability.
- Nylon fabric facing that acts as a wear resistant surface, protecting the teeth and keeping frictional losses to a minimum.
- Curvilinear tooth profile for improved stress distribution and higher overall loading.
- Standard widths of 12, 21, 36, 62mm (8MGT) and 20, 37, 68, 90, 125mm (14MGT). Other widths available on request.

## BENEFITS

- Maintains static conductivity over belt lifetime.
- 400% greater capacity than HTD belts.
- 5% energy savings over V-belts.
- 99% efficiency for life of the drive.
- Reduced maintenance and downtime.
- Reduce weight and overhung loads.
- Inert to most acids, chemicals and water.
- On demand available in PowerPainT™ construction, to eliminate paint contamination risk (see p. 40).
- Temperature range: -54 °C to + 85 °C.
- Perfect fit on Poly Chain® GT profile pulleys.



**Please refer to p. 181 for size list.**

| Ordering code |
|---|
| 14MGTV-1890-37<br>14MGT - Pitch 14mm<br>V - Carbon™ VOLT™ version<br>1890 - Pitch length (mm)<br>37 - Belt width (mm)<br><br>NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com. |
| **Identification**<br>Durable white marking indicating the belt type and belt dimensions. |

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MGT | 8.0 | 3.4 | 5.9 | 640 – 4480 |
| 14MGT | 14.0 | 6.0 | 10.2 | 994 – 4410 |

*For Poly Chain® GT 8MGT and 14MGT sprocket range refer to p. 49, 51, 52, 53.*

# 18 MINI POLY CHAIN® GT CARBON™ 8MGT

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

**This compact polyurethane synchronous belt opens up new opportunities in the design of conveyor drives and is an alternative to roller chains. Poly Chain® GT Carbon™ does not require lubrication or tensioning and is characterised by low noise levels even at high transport speeds. The special construction is highly resistant to aggressive influences such as dust, oil and chemicals.**

## CONSTRUCTION

- Teeth and body are made of a lightweight polyurethane compound, specially blended for adhesion to the cords and fabric.
- The carbon fibre tensile cords provide extraordinary power carrying capacity.
- Flex fatigue life of carbon is exceptional, and its high impact strength withstands shocks and surge loading.
- Standard widths of 11.2, 21, 36, 62 mm. Other widths available on request.

## BENEFITS

- Cut maintenance and downtime.
- Carbon cords easily handle shock loads.
- Functions on fixed center drives
- No lubrication required.
- Smooth running roller conveyor.
- Inert to most acids, chemicals and water.
- No need for constant re-tensioning.
- On demand available in PowerPaint™ construction, to eliminate paint contamination risk (see p. 40).
- Temperature range: -54 °C to +85 °C.
- Perfect fit on Poly Chain® GT profile pulleys.



**Please refer to p. 183 for size list.**

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MGT | 8.0 | 3.4 | 5.9 | 248 – 608 |

*For Poly Chain® GT 8MGT sprocket range refer to p. 49.*

**Ordering code**

8MC-352-11.2
8M - Pitch 8mm
C - Carbon tensile member
352 - Pitch length (mm)
11.2 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

# 19 POLY CHAIN® GT CARBON™ 5MGT

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

**Gates Poly Chain® GT Carbon™ 5MGT uses the original construction which is designed for optimum performance on high torque, low speed drives. Poly Chain® GT Carbon™ 5MGT belts are ideally suited for use in machine tool, roller chain, small conveyors and compact drives where space is a problem. 5MGT Poly Chain® GT belts are now available in Gates Carbon construction. This new construction provides the highest capacity and accuracy combination possible in a compact drive.**

## CONSTRUCTION

- Durable high temperature polyurethane construction resists chemicals, oil, pollutants and abrasion.
- Gates patented curvilinear tooth profile provides high shear strength and improved load carrying capacity.
- Nylon tooth facing reduces friction and eliminates the need for lubrication.
- Robust carbon tensile cord combines minimal stretch with extraordinary strength while absorbing shock and surge loads.
- Standard widths of 9, 15, 25mm. Other widths available on request.

## BENEFITS

- Poly Chain® performance on compact drives.
- High efficiency and accuracy positive drive.
- Maintenance free.
- Cut maintenance and downtime.
- Carbon cords easily handle shock loads.
- No lubrication required.
- Inert to most acids, chemicals and water.
- No need for constant re-tensioning.
- Temperature Range: -54 °C to +85 °C.
- Compatible with PowerGRIP™ GT 5MR sprockets.



**Please refer to p. 184 for size list.**

| Ordering code |
|---|
| 5MGTC-425-15<br>5MGT - Pitch 5mm<br>C - Carbon tensile member<br>425 - Pitch length (mm)<br>15 - Belt width (mm)<br><br>NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com. |
| **Identification**<br>Durable white marking indicating the belt type and belt dimensions. |

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 5MGT | 5.0 | 1.93 | 3.81 | 300 – 815 |

*For Poly Chain® GT 5MGT sprocket range refer to p. 50.*

# 20 POLY CHAIN® GT CARBON™ EXTENDED LENGTH

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

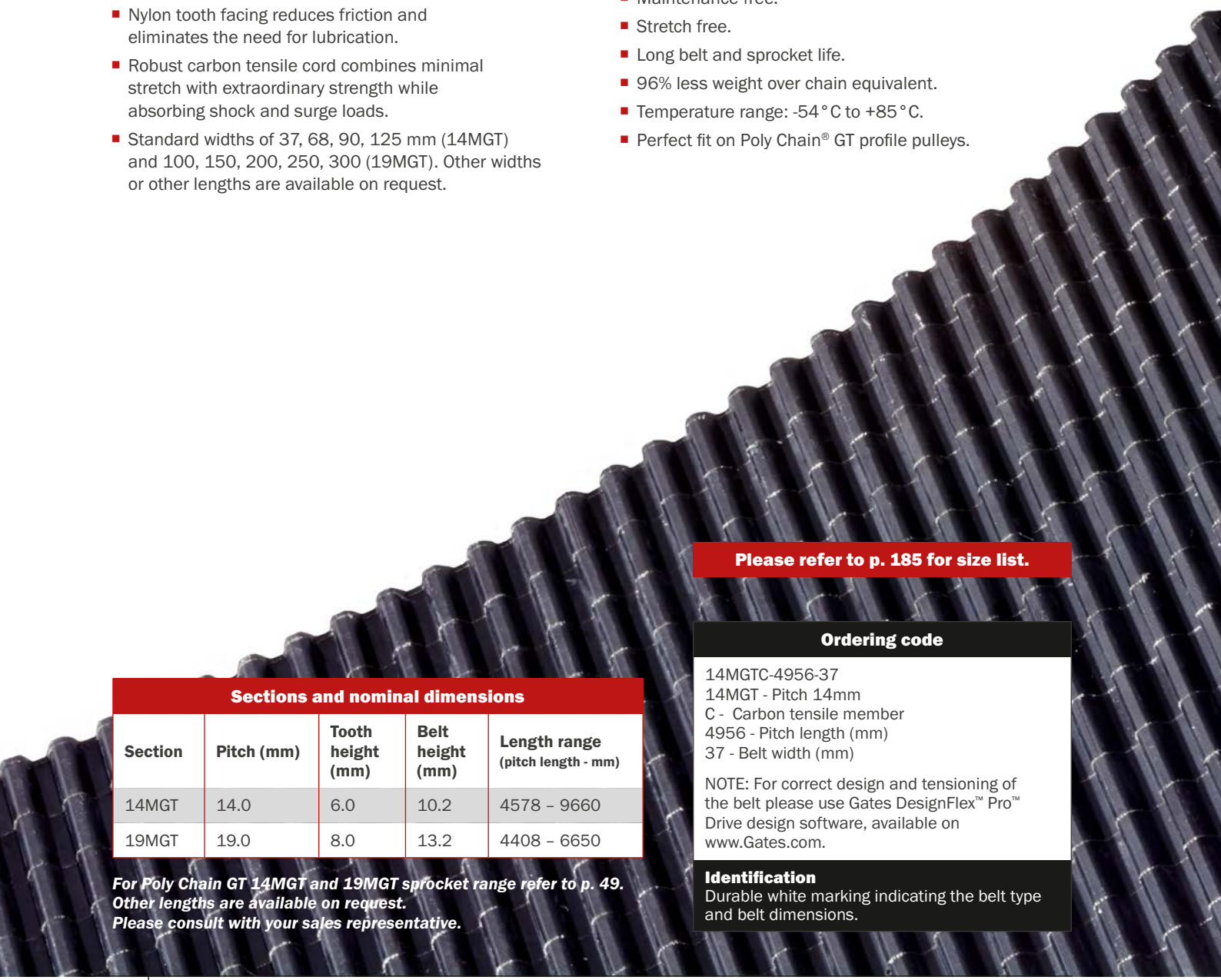
**Gates Poly Chain® GT Carbon™ belts are renowned for high performance with no maintenance. Now Gates introduces a Poly Chain® solution that can handle longer center distances than ever before. The unique manufacturing process allows longer Poly Chain® endless belts that deliver high load carrying capabilities. In the past large and heavy roller chains were the only option for long center distance drives. Now there is an alternative that requires less maintenance, less replacements resulting in less downtime and cleaner operation. The Extended Length process is applied to belt lengths in 14M and brand new 19M pitch over 4410 mm.**

## CONSTRUCTION

- Durable polyurethane construction resists chemicals, oil, pollutants and abrasion.
- Gates patented curvilinear tooth profile provides high shear strength and improved load carrying capacity.
- Nylon tooth facing reduces friction and eliminates the need for lubrication.
- Robust carbon tensile cord combines minimal stretch with extraordinary strength while absorbing shock and surge loads.
- Standard widths of 37, 68, 90, 125 mm (14MGT) and 100, 150, 200, 250, 300 (19MGT). Other widths or other lengths are available on request.

## BENEFITS

- Long length up to 20.000 mm.
- High power density.
- Lubrication free.
- Maintenance free.
- Stretch free.
- Long belt and sprocket life.
- 96% less weight over chain equivalent.
- Temperature range: -54 °C to +85 °C.
- Perfect fit on Poly Chain® GT profile pulleys.



**Please refer to p. 185 for size list.**

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 14MGT | 14.0 | 6.0 | 10.2 | 4578 – 9660 |
| 19MGT | 19.0 | 8.0 | 13.2 | 4408 – 6650 |

***For Poly Chain GT 14MGT and 19MGT sprocket range refer to p. 49.***
***Other lengths are available on request.***
***Please consult with your sales representative.***

**Ordering code**

14MGTC-4956-37
14MGT - Pitch 14mm
C - Carbon tensile member
4956 - Pitch length (mm)
37 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

# 21 POLY CHAIN® GT CARBON™ HIGH TEMPERATURE

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

**The Poly Chain® GT Carbon™ belts have a specially designed polyurethane compound that provides superb heat resistance. It enables the belt to remain fully operational under extreme temperatures up to 120 °C and even up to 140 °C during shorter periods.**

## CONSTRUCTION

- Durable polyurethane construction resists chemicals, oil, pollutants and abrasion.
- Gates patented curvilinear tooth profile provides high shear strength and improved load carrying capacity.
- Nylon tooth facing reduces friction and eliminates the need for lubrication.
- Robust carbon tensile cord combines minimal stretch with extraordinary strength while absorbing shock and surge loads.

## BENEFITS

- Extended temperature range.
- Substantially increased power ratings.
- High efficiency and accuracy positive drive.
- Maintenance free.
- Cut maintenance and downtime.
- Carbon cords easily handle shock loads.
- No lubrication required.
- Inert to most acids, chemicals and water.
- No need for constant re-tensioning.
- Temperature Range: up to +120 °C.
- Available in 8MGT and 14MGT on Made-To-Order basis. Contact Customer Service for details.
- Perfect fit on Poly Chain® GT profile pulleys.



**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MGT | 8.0 | 3.4 | 5.9 | 640 – 2000 |
| 14MGT | 14.0 | 6.0 | 10.2 | 994 – 2000 |

*For Poly Chain® GT 8MGT and 14MGT sprocket range refer to p. 49, 51, 52, 53.*

**Ordering code**

8MGTC-1280-21-HT
8MGT - Pitch 8mm
C - Carbon tensile member
1280 - Pitch length (mm)
21 - Belt width (mm)
HT - High Temperature construction

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

# POLY CHAIN® GT2

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

**Poly Chain® GT2 has been designed for optimum performance on high torque, low speed drives in any industrial application. This lightweight belt features increased power ratings of up to 40% higher than previous constructions while maintaining the same long service life. Poly Chain® GT2 operates on Poly Chain® GT pulleys. These belts make an excellent alternative to roller chains, requiring neither re-tensioning nor lubrication. Space-saving, weight-saving and money-saving, Poly Chain® GT2 drives offer a long and reliable service life.**

## CONSTRUCTION

- Teeth and body are made of a lightweight polyurethane compound, specially blended for adhesion to the cords and fabric. This uniquely formulated polyurethane makes the belt tough and virtually immune to abrasion and chemicals.
- The aramid tensile cords provide extraordinary power-carrying capacity.
- Flex fatigue life of aramid is exceptional, and its high impact strength withstands shocks and surge loading.
- The fabric covering the teeth is highly resistant to oil, chemicals, pollutants, corrosion and abrasion. It is exceptionally durable and remains fully operational.
- The fabric facing reduces friction with the pulley, thereby minimising temperature build-up.
- Standard widths of 12, 21, 36, 62mm (8MGT); and 20, 37, 68, 90, 125mm (14MGT).

## BENEFITS

- Substantially increased power rating.
- High efficiency positive drive.
- Maintenance-free: no lubrication or re-tensioning needed.
- Savings in space, weight and money.
- Temperatures range: -54 °C to +85 °C.
- Perfect fit on Poly Chain® GT profile pulleys.
- On demand available in PowerPainT™ construction, to eliminate paint contamination risk (see p. 40).



**Please refer to p. 186 for size list.**

**Ordering code**

8MGT-640-12
8MGT - Pitch 8mm
640 - Pitch length (mm)
12 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MGT | 8.0 | 3.4 | 5.9 | 640 – 4480 |
| 14MGT | 14.0 | 6.0 | 10.2 | 994 – 4410 |

*For Poly Chain® GT 8MGT and 14MGT sprocket range refer to p. 49, 51, 52, 53.*

# 23 POWERGRIP™ GTX

PREMIUM RUBBER SYNCHRONOUS BELT WITH VERSATILE TOOTH PROFILE

**PowerGrip™ GTX is the newest premium rubber synchronous belt in the Gates belt range. Available in 8M and 14M pitches, this belt is the optimum choice for high-performance, high-torque conditions and quiet operation. Whether it is for a new drive design or for a replacement, PowerGrip™ GTX is the reliable choice.**

## CONSTRUCTION

- High-strength, low-elongation fibre glass tensile cords for extreme shock load resistance.
- Quiet-running and maintenance-free.
- Compact, light-weight, economic.
- Static conductive (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- Standard available in widths of 20, 30, 40, 50, 65, 85mm (8M) and 20, 40, 55, 85, 115, 170mm (14M). Other widths available on request.
- On demand available in PowerPainT™ construction, to eliminate paint contamination risk (see p. 40).

## BENEFITS

- Easy replacement and upgrade of existing HTD™/GT3 type applications.
- Reduced overall drive package.
- Increased power capacity of 40% over PowerGrip™ GT3.
- Reliable operation and trouble-free service, extending the useful life of your system.
- Substantial reduction of your day-to-day operational costs by eliminating downtime and maximising productivity.
- Temperature range: -30°C to +100°C.
- Ideal alternative for other high-strength rubber synchronous belts.
- Improve reliability and productivity every time you install Gates PowerGrip™ GTX.
- Perfect fit on HTD™ profile pulleys.

**Please refer to p. 188 for size list.**

**Ordering code**

2400-8MX-20
2400 - Pitch length (mm)
8MX - Pitch 8mm
20 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.



**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MX | 8.0 | 3.4 | 5.6 | 264 – 4400 |
| 14MX | 14.0 | 6.0 | 10.0 | 784 – 4578 |

# POWERGRIP™ GT3 2MGT, 3MGT & 5MGT

PREMIUM RUBBER SYNCHRONOUS BELT WITH OPTIMISED GT TOOTH PROFILE

**This technically advanced belt covers a very wide range of industrial applications. The PowerGrip™ GT3 belt transmits up to 50% more power than the previous generations of PowerGrip™ belts. This entire belt range is suited both for new drive designs as well as for replacements on existing drives without any adaptation of the system. The 2MGT, 3MGT and 5MGT pitches are ideal for compact drives on hand tools, business machines, domestic appliances, high precision servomotor drives and multiaxis applications.**

## CONSTRUCTION

- Technically advanced compound with fibre glass tensile cord.
- Elastomeric backing protects the cords from environmental pollution and frictional wear.
- Helically wound fibre glass tensile member gives enormous strength, flex life and elongation resistance.
- Low friction nylon facing protects the tooth surface against wear.
- Precision-formed and accurately spaced elastomeric teeth.
- 5MGT pitch is on demand available in PowerPainT™ construction, to eliminate paint contamination risk (see p. 40).
- Standard widths of 3, 6, 9mm (2MGT); 6, 9, 15mm (3MGT); and 9, 15, 25mm (5MGT). Other widths available on request.

## BENEFITS

- Substantially increased power ratings.
- Compact drives and less weight.
- High positioning accuracy.
- Improved tooth jump resistance.
- Reduced noise levels.
- Cost-effective, long-lasting and virtually maintenance-free.
- Temperature range: -30 °C to +100 °C.
- Compatible with and used on GT type pulleys.

**Please refer to p. 190 for size list.**



| Ordering code |
|---|
| 285-5MGT3-9<br>285 - Pitch length (mm)<br>5MGT3 - Pitch 5mm<br>9 - Belt width (mm)<br><br>NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com. |
| **Identification**<br>Durable white marking indicating the belt type and belt dimensions. |

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 2MGT | 2.0 | 0.71 | 1.52 | 74 – 1830 |
| 3MGT | 3.0 | 1.12 | 2.41 | 105 – 1692 |
| 5MGT | 5.0 | 1.92 | 3.81 | 200 – 2440 |

# POWERGRIP™ GT4 8MGT & 14MGT

PREMIUM EPDM RUBBER SYNCHRONOUS BELT WITH OPTIMISED GT TOOTH PROFILE

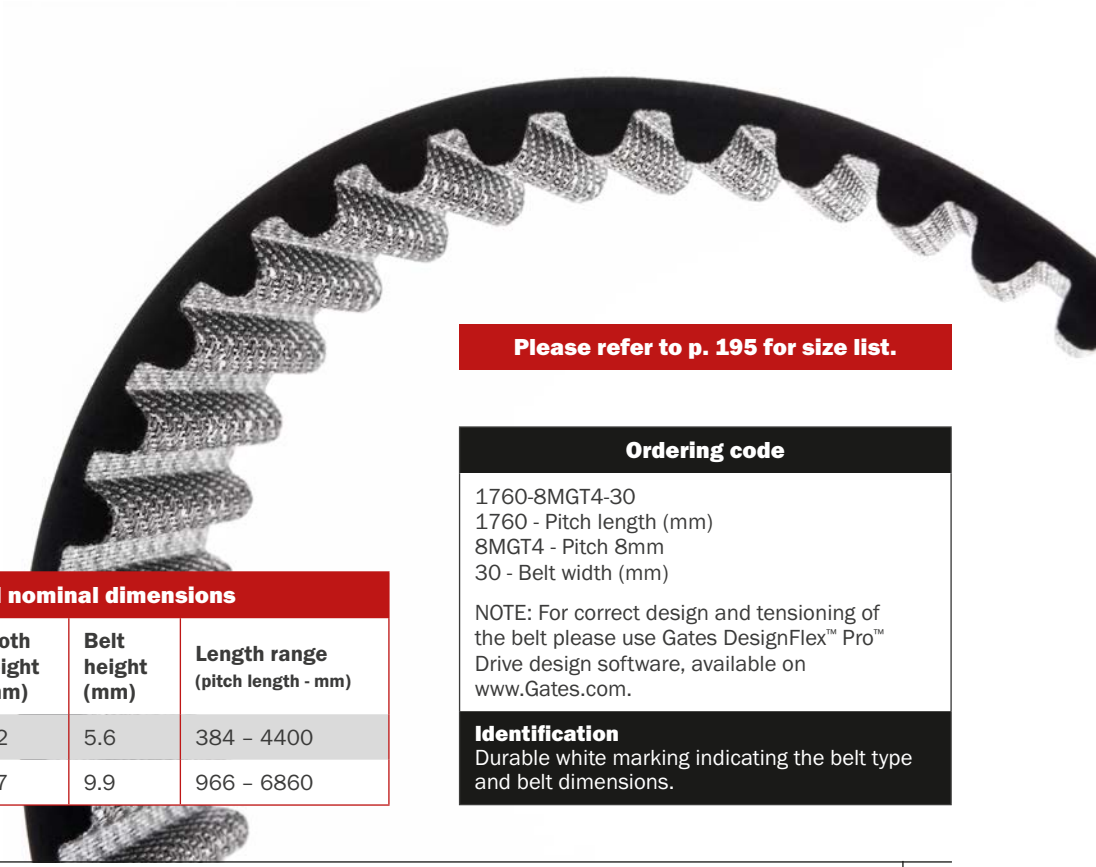
**Engineered with the latest in advanced technology and materials science expertise, Gates® PowerGrip™ GT4™ delivers the highest power-carrying capacity of any belt in its class. Utilising all new advanced materials, Gates designed an ethylene elastomer belt with increased power capacity and wider temperature range capability. The NEW PowerGrip™ GT4™ belt delivers improved performance over a wide range of industrial applications. The 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.**

## CONSTRUCTION

- Technically advanced compound with fibre glass tensile cord, elastomeric teeth and backing and nylon facing.
- Newly engineered EPDM rubber protects the cords from environmental pollution and frictional wear.
- Helically wound fibre glass tensile member gives enormous strength, flex life and elongation resistance.
- Low friction nylon facing protects the tooth surface against wear.
- Precision-formed and accurately spaced elastomeric teeth.
- Standard widths of 20, 30, 50, 85mm (8MGT); 40, 55, 85, 115, 170mm (14MGT). Other widths available on request.

## BENEFITS

- Substantially increased power ratings: up to 25% more than previous constructions.
- Reduced maintenance costs thanks to longer service life.
- Compact, light-weight and cost-effective drives.
- High tooth jump resistance.
- No lubrication needed.
- Static conductive (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- On demand available in PowerPaint™ construction, to eliminate paint contamination risk (see p. 40).
- Temperature range: -40 °C to +140 °C (for intermittent use).
- Perfect fit on HTD™ profile pulleys.
- Halogen-free: environmentally friendly.



**Please refer to p. 195 for size list.**

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8MGT | 8.0 | 3.2 | 5.6 | 384 – 4400 |
| 14MGT | 14.0 | 5.7 | 9.9 | 966 – 6860 |

**Ordering code**

1760-8MGT4-30
1760 - Pitch length (mm)
8MGT4 - Pitch 8mm
30 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

# 26 POWERGRIP™ HTD™ 3M & 5M

RUBBER SYNCHRONOUS BELT WITH HTD™ TOOTH PROFILE

**The HTD™ curvilinear tooth form ensures an optimised load distribution leading to high power transmission in low speed and high torque applications. PowerGrip™ HTD™ 3M and 5M belts are suitable for domestic appliances, office machines, electric hand tools and for applications in the processing and chemical industry.**

## CONSTRUCTION

- Special curvilinear tooth design improves stress distribution and allows higher overall loading.
- Precisely formed and accurately spaced elastomeric teeth ensure smooth engagement with the pulley grooves.
- Durable elastomeric backing protects the belt against environmental pollution as well as frictional wear if power is transmitted from the back of the belt.
- Tough nylon facing protects the tooth surface.
- Fibre glass tensile cords.
- Belts conform to ISO13050:2014.
- Standard widths of 6, 9, 15mm (3M); 9, 15, 25mm (5M). Other widths available on request.

## BENEFITS

- 3M and 5M PowerGrip™ HTD™ are designed for speeds up to 20,000 rpm and capacities up to 10 kW.
- The optimized tooth form permits high loads to be transmitted, even in small pitches.
- Peripheral speed up to 80m/s.
- Efficiencies up to 99%.
- Compact design.
- 25% improved tooth jump resistance vs. PowerGrip™.
- Long service life and maintenance-free.
- Temperature range: -30°C to +100°C.
- Perfect fit on HTD™ profile pulleys



**Please refer to p. 197 for size list.**

**Ordering code**

280-5M-15
280 - Pitch length (mm)
5M - Pitch 5mm
15 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 3M | 3.0 | 1.2 | 2.4 | 105 – 1926 |
| 5M | 5.0 | 2.1 | 3.8 | 120 – 2350 |

# 27 POWERGRIP™ HTD™ 8M, 14M & 20M

RUBBER SYNCHRONOUS BELT WITH HTD™ TOOTH PROFILE

**The curvilinear PowerGrip™ HTD™ tooth geometry eliminates stress concentration at tooth roots and allows higher power capacity and longer life. PowerGrip™ HTD™ 8M, 14M and 20M belts are used in high performance drives in the machine tool, paper and textile industries where durability and low maintenance are required.**

## CONSTRUCTION

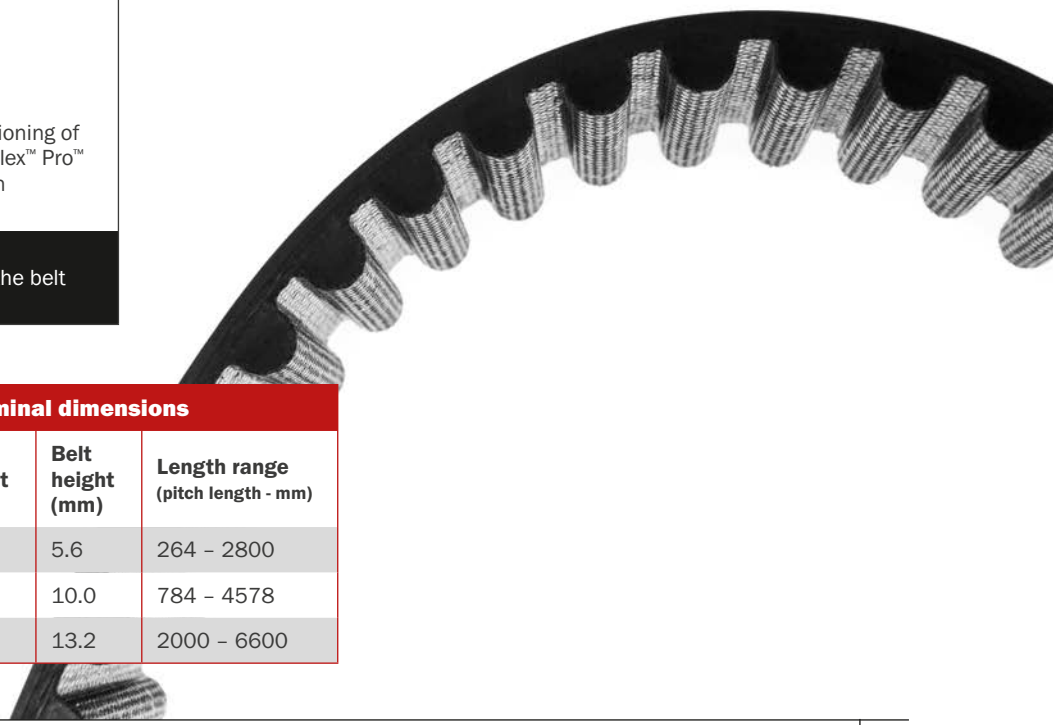
- Special curvilinear tooth form improves stress distribution and allows higher overall loading.
- Precisely formed and accurately spaced elastomeric teeth ensure correct positioning in the pulley grooves.
- Tough nylon facing protects the tooth surfaces.
- Fibre glass tensile member provides the required strength combined with excellent flex life and high resistance to elongation.
- Durable elastomeric backing protects against environmental pollution as well as frictional wear if power is transmitted from the back of the belt.
- Belts conform to ISO13050:2014.
- Standard widths of 20, 30, 50, 85mm (8M); 40, 55, 85, 115, 170mm (14M); 115, 170, 230, 290, 340mm (20M). Other widths available on request.

## BENEFITS

- Load capacities up to 1,000 kW.
- No slippage. PowerGrip™ HTD™ belt teeth mesh smoothly with pulley grooves, reducing speed variations.
- Wide speed range.
- Economical operation. No lubrication needed, no need for adjustment due to stretch and wear.
- High mechanical efficiency. The belt construction minimizes heat build-up and, since friction is not required to transmit the load, belt tensions are reduced.
- Constant driven speeds.
- Long trouble-free service life (because of excellent abrasion resistance) in many applications where metal components like chains and gears wear out in a matter of months.
- PowerGrip™ HTD™ 14M: static conductive (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- Temperature range: -30°C to +100°C.
- Perfect fit on HTD™ profile pulleys.

**Please refer to p. 202 for size list.**

| Ordering code |
|---|
| 480-8M-20<br>480 - Pitch length (mm)<br>8M - Pitch 8mm<br>20 - Belt width (mm)<br><br>NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com. |
| **Identification**<br>Durable white marking indicating the belt type and belt dimensions. |



**Sections and nominal dimensions**

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| 8M | 8.0 | 3.4 | 5.6 | 264 – 2800 |
| 14M | 14.0 | 6.1 | 10.0 | 784 – 4578 |
| 20M | 20.0 | 8.4 | 13.2 | 2000 – 6600 |

# POWERGRIP™

RUBBER SYNCHRONOUS BELT WITH CLASSICAL TOOTH PROFILE

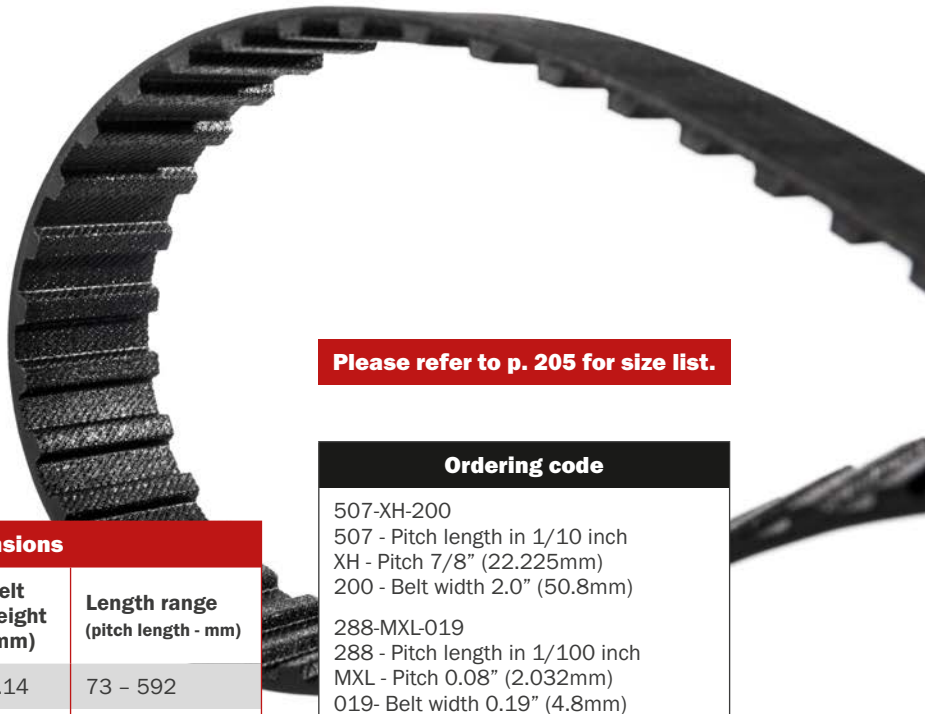
**Gates classical synchronous PowerGrip™ belt offers a maintenance-free and economical alternative to conventional drives such as chains and gears. Its application range extends from minimum drives (computer printers) to heavy-duty machinery (oil pumps, etc).**

## CONSTRUCTION

- Trapezoidal tooth form.
- Precisely formed and accurately spaced elastomeric teeth ensure correct engagement with the pulley grooves.
- Fibre glass tensile cords.
- Nylon fabric cover protects the tooth surfaces.
- Standard widths per belt pitch in mm and belt width code:
  - MXL:
    3.2mm (code 012), 4.8mm (code 019), 6.4mm (code 025)
  - XL:
    6.4mm (code 025), 7.9mm (code 031), 9.5mm (code 037)
  - L:
    12.7mm (code 050), 19.1mm (code 075), 25.4mm (code 100)
  - H:
    19.1mm (code 075), 25.4mm (code 100), 38.1mm (code 150), 50.8mm (code 200), 76.2mm (code 300)
  - XH/XXH:
    50.8mm (code 200), 76.2mm (code 300), 101.6mm (code 400), 127mm (code 500)
  - Other widths available on request.
- Belts conform to ISO19347:2015.

## BENEFITS

- Power transmission of up to 150 kW and speeds of up to 10,000 rpm.
- Peripheral speed up to 80m/s.
- Positive slip-proof engagement.
- Constant angular velocity.
- Efficiencies up to 99%.
- Low bearing load because of freedom of high tension.
- Maintenance-free continuity of operation.
- Wide range of load capacities and speed ratios.
- Compact design.
- Economical operation.
- Temperature range: -30 °C to +100 °C.



**Please refer to p. 205 for size list.**

**Sections and nominal dimensions**

| Section | Pitch (inch) | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|---|
| MXL | 2/25 (0.080") | 2.032 | 0.51 | 1.14 | 73 – 592 |
| XL | 1/5 (0.200") | 5.08 | 1.27 | 2.3 | 116 – 1956 |
| L | 3/8 (0.375") | 9.525 | 1.91 | 3.5 | 314 – 1676 |
| H | 1/2 (0.500") | 12.7 | 2.29 | 4.0 | 609 – 4318 |
| XH | 7/8 (0.875") | 22.225 | 6.36 | 11.4 | 1289 – 4445 |
| XXH | 1.1/4 (1.250") | 31.75 | 9.53 | 15.2 | 1778 – 4572 |

**Ordering code**

507-XH-200
507 - Pitch length in 1/10 inch
XH - Pitch 7/8" (22.225mm)
200 - Belt width 2.0" (50.8mm)

288-MXL-019
288 - Pitch length in 1/100 inch
MXL - Pitch 0.08" (2.032mm)
019- Belt width 0.19" (4.8mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

# 29 TWIN POWER™

DOUBLE SIDED RUBBER SYNCHRONOUS BELT

**Due to its double and directly opposite teeth, Twin Power™ synchronous belts ensure high loading capacity on contra-rotating drives and ensure smooth running and high flexibility. They are available with the classical trapezoidal tooth profile and also with the unique GT tooth profile. A Twin Power™ GT2 belt has twice the power rating of a Twin Power™ HTD™ belt. It is characterised by extraordinary load-carrying power and high tooth jump resistance ensuring a positive non-slip drive. In addition, the belt runs at very low noise. Twin Power™ is available in PowerGrip™ GT2 8MGT and 14MGT, HTD™ 5M and PowerGrip™ XL, L and H pitches.**

## CONSTRUCTION

- Similar in construction to PowerGrip™ classical synchronous and PowerGrip™ GT2 belts: strong fibre glass tensile member precision-formed elastomeric teeth and body.
- Wear resistant nylon fabric on both tooth sides.
- Standard widths per belt pitch in mm and belt width code:
- Twin Power™ PowerGrip™ GT2
  - 8MGT: 20, 30, 50, 85mm
    14MGT: 40, 55, 85, 115, 170mm
- Twin Power™ PowerGrip™ HTD™
  - 5M: 9, 15, 25mm
- Twin Power™ PowerGrip™:
  - XL:
    6.4mm (code 025), 7.9mm (code 031), 9.5mm (code 037)
  - L:
    12.7mm (code 050), 19.1mm (code 075), 25.4mm (code 100)
  - H:
    19.1mm (code 075), 25.4mm (code 100), 38.1mm (code 150), 50.8mm (code 200), 76.2mm (code 300)
  - Other widths available on request.

**Please refer to p. 213 for size list.**

**Ordering code**

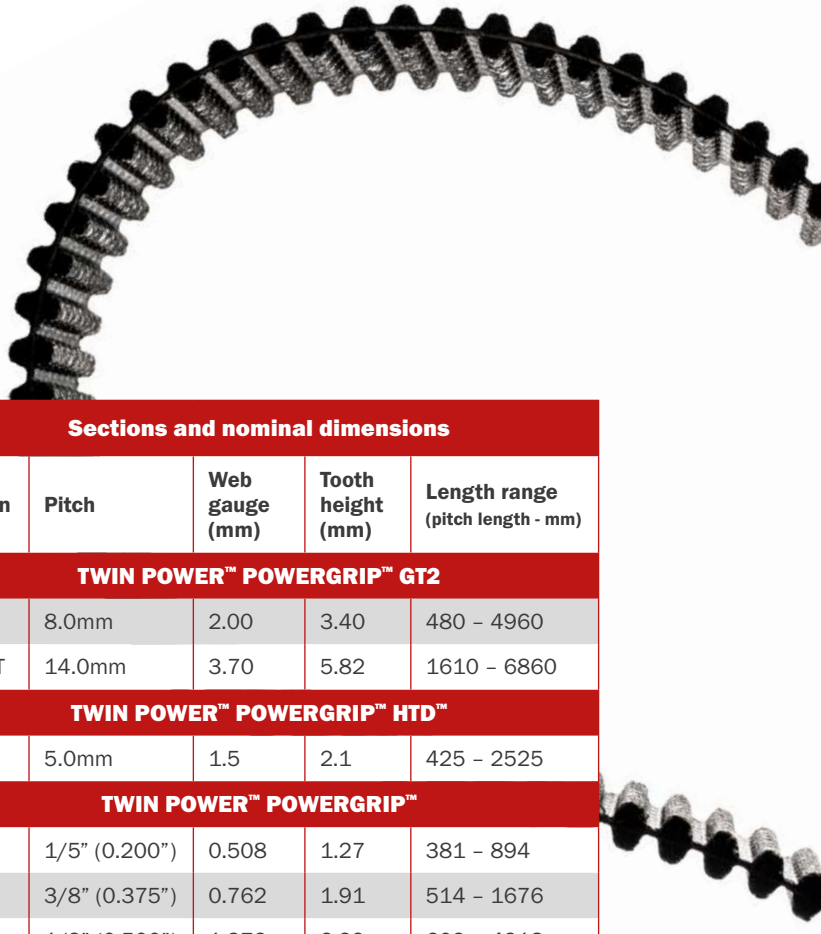
TP-1120-8MGT2-20
TP - Twin Power
1120 - Pitch length (mm)
8MGT2 - Pitch 8mm
20 - Belt width (mm)

NOTE: For correct design and tensioning of the belt please consult with our application engineering team.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

## BENEFITS

- High loading capacity.
- Twin Power™ can transmit up to 100% of its maximum rated load from either side of the belt; alternatively, it can transmit a load on both sides - provided the sum of the loads does not exceed the maximum capacity.
- Non-slip positive drive.
- Running at low noise.
- Free of lubrication and maintenance.
- Temperature range: -30°C to +100°C.



**Sections and nominal dimensions**

| Section | Pitch | Web gauge (mm) | Tooth height (mm) | Length range (pitch length - mm) |
|---|---|---|---|---|
| **TWIN POWER™ POWERGRIP™ GT2** | | | | |
| 8MGT | 8.0mm | 2.00 | 3.40 | 480 – 4960 |
| 14MGT | 14.0mm | 3.70 | 5.82 | 1610 – 6860 |
| **TWIN POWER™ POWERGRIP™ HTD™** | | | | |
| 5M | 5.0mm | 1.5 | 2.1 | 425 – 2525 |
| **TWIN POWER™ POWERGRIP™** | | | | |
| XL | 1/5" (0.200") | 0.508 | 1.27 | 381 – 894 |
| L | 3/8" (0.375") | 0.762 | 1.91 | 514 – 1676 |
| H | 1/2" (0.500") | 1.372 | 2.29 | 609 – 4318 |

# LONG LENGTH

OPEN ENDED RUBBER AND POLYURETHANE SYNCHRONOUS BELT

**A comprehensive range of open-ended belts which can be easily cut to the required length. Long Length open-end synchronous belts are especially suited for linear movements (automated doors, warehouse conveyors and elevators), accurate positioning (machine tools, x-y co-ordinate machines) and reversal drives (computers, printers and office equipment).**

## CONSTRUCTION

**POWERGRIP™ GT - 2MR, 3MR, 5MR AND 8MR PITCHES**
**POWERGRIP™ HTD™ - 3M, 5M, 8M AND 14M PITCHES**
**POWERGRIP™ - MXL, XL, L AND H PITCHES**

- Fibre glass or steel tensile cords.
- Rubber teeth and backing.
- Nylon facing.

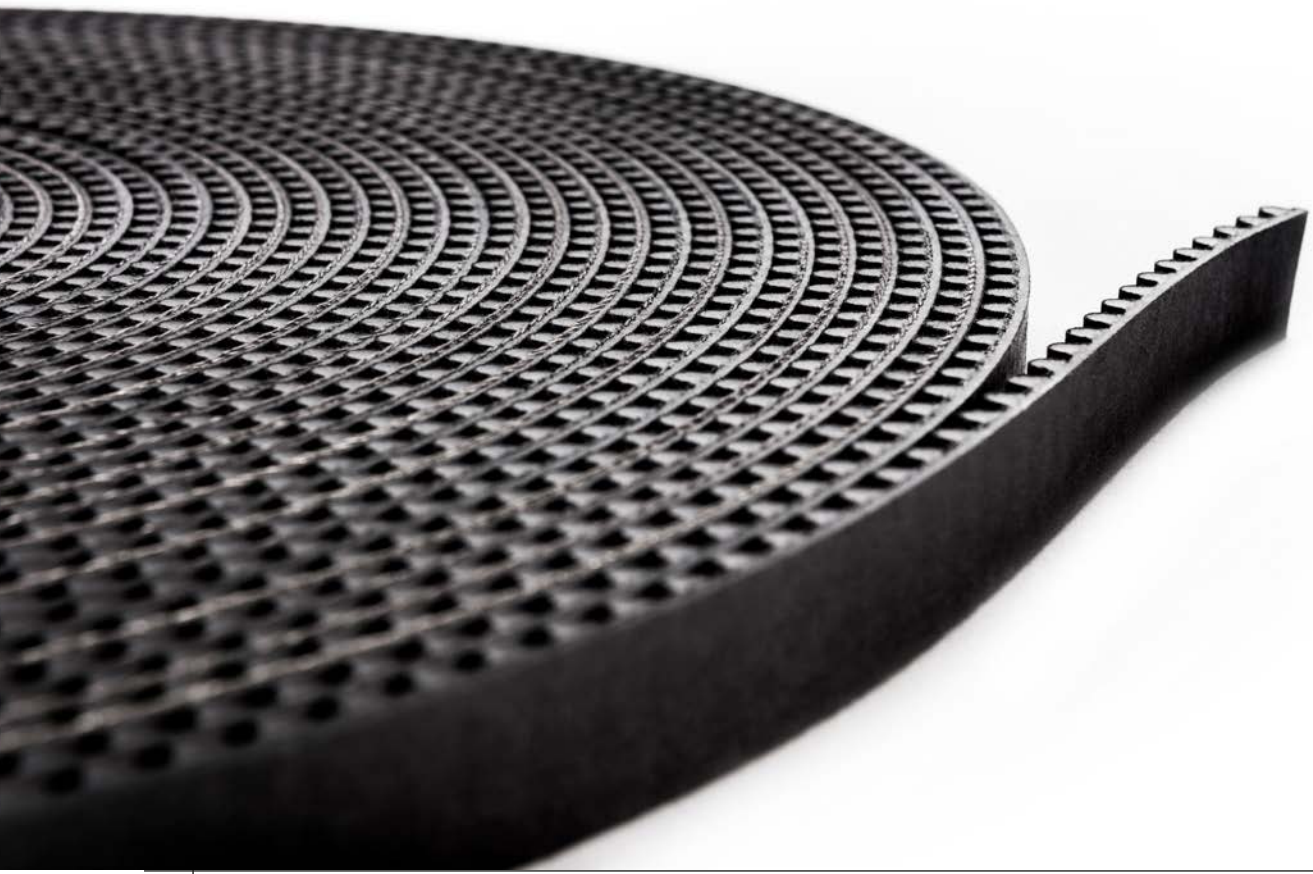
**POLY CHAIN® GT CARBON™ 8MGT AND 14MGT PITCHES**

- Carbon tensile cord.
- Polyurethane teeth and backing.
- Fabric reinforced teeth.

- On demand available in PowerPainT™ construction, to eliminate paint contamination risk (see p. 40).
- Other roll lengths and belt widths, available on request. Please contact your customer service representative.

## BENEFITS

- High positioning accuracy, making the belt ideally suited for applications with repetitive movements.
- Length stability due to the use of high modulus tensile members.
- Easy to attach with clamping fixtures.
- Maintenance-free: no re-tensioning required, no lubrication needed.
- Unique straight cut production methodology: cord perpendicular to belt teeth.
- Temperature range: -30 °C to +100 °C (PowerGrip™) and -54 °C to +85 °C (Poly Chain®).



## Sections and nominal dimensions

### POLY CHAIN® GT CARBON™

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length on roll (m) | Width (mm) |
|---|---|---|---|---|---|
| 8MGT* | 8.00 | 3.40 | 5.90 | 30 | 12, 21, 36 |
| 14MGT* | 14.00 | 6.00 | 10.20 | 30 | 20, 37 |

### POWERGRIP™ GT

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length on roll (m) | Width (mm) | |
|---|---|---|---|---|---|---|
| | | | | | Fiber glass | Steel |
| 2MR* | 2.00 | 0.71 | 1.52 | / | 3, 6, 9 | / |
| 3MR | 3.00 | 1.12 | 2.41 | 30 | 6, 9, 15 | / |
| 5MR | 5.00 | 1.92 | 3.81 | 30 | 6, 10, 15, 25 | 6, 10, 15, 25 |
| 8MR | 8.00 | 3.34 | 5.60 | 30 | 10, 15, 20, 30, 50 | 10, 15, 20, 30, 50 |

### POWERGRIP™ HTD™

| Section | Pitch (mm) | Tooth height (mm) | Belt height (mm) | Length on roll (m) | Width (mm) | |
|---|---|---|---|---|---|---|
| | | | | | Fiber glass | Steel |
| 3M | 3.00 | 1.10 | 2.40 | 30 | 6, 9, 15 | / |
| 5M | 5.00 | 2.10 | 3.80 | 30 | 6, 10, 15, 25 | 6, 10, 15, 25 |
| 8M | 8.00 | 3.40 | 6.00 | 30 | 10, 15, 20, 30, 50, 85 | 10, 15, 20, 30, 50, 85 |
| 14M | 14.00 | 6.00 | 10.00 | 30 | 25, 40, 55, 85, 115 | 25, 40, 55, 85, 115 |

### POWERGRIP™

| Section | Pitch | | Tooth height (mm) | Belt height (mm) | Length on roll (m) | Width (code) | |
|---|---|---|---|---|---|---|---|
| | (inch) | (mm) | | | | Fiber glass | Steel |
| MXL* | 2/25 | 2.032 | 0.51 | 1.14 | / | 019, 025, 050 | / |
| XL | 1/5 | 5.080 | 1.27 | 2.30 | 30 | 025, 031, 037, 050 | / |
| L | 3/8 | 9.525 | 1.91 | 3.60 | 30 | 037, 050, 075, 100 | / |
| H | 1/2 | 12.7 | 2.29 | 4.30 | 30 | 050, 075, 100, 150, 200, 300 | 050, 075, 100, 150, 200, 300 |

*Other roll lengths are available on demand. Please consult with your sales representative.*
** Spiral cut production.*

**Ordering code**

5M-6-30m-ST
5M - Pitch 5mm
6 - Belt width (mm)
30m - Length on roll (m)
ST - Steel (material of tensile cords)

NOTE: For correct design and tensioning of the belt please consult the product application engineering team.

**Identification**
Durable white marking indicating the belt type and belt dimensions.

**Please refer to p. 219 for size list.**

# 31 POWERPAINT™

PAINT AND VARNISH COMPATIBLE SYNCHRONOUS BELT

**Gates' PowerPainT™ synchronous belt is specifically developed for use in painting areas, as found in the automotive and white goods industries where contamination of the painted product, from whatever source, is unacceptable. PowerPainT™ ensures excellent performance on skid and roller conveyor systems and eleminates the risk of product contamination.**

## CONSTRUCTION

- Precision-formed elastomeric teeth with curvilinear profile improve stress distribution and provide high power capacity.
- Accurately spaced teeth provide high positioning accuracy and optimum efficiency.
- Tough tensile cords ensure excellent flex life and high resistance to elongation.

Available in:

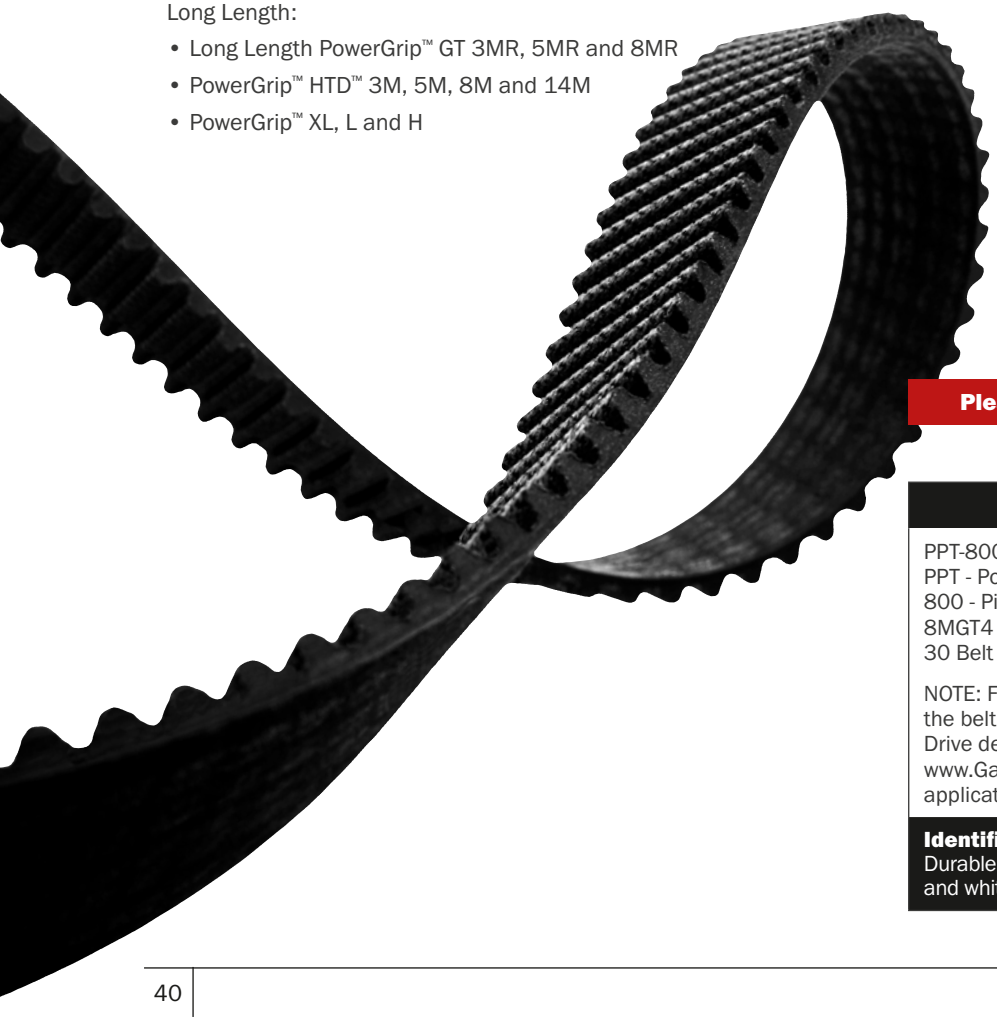
- Poly Chain® GT Carbon™ VOLT™ 8MGT and 14MGT
- Mini Poly Chain® GT Carbon™ 8MGT
- Poly Chain® GT2 8MGT and 14MGT
- PowerGRIP™ GTX 8MGT and 14MGT
- PowerGRIP™ GT3 5MGT
- PowerGRIP™ GT4 8MGT and 14MGT
- PowerGRIP™ HTD™ 3M, 5M, 8M and 14M

Long Length:

- Long Length PowerGrip™ GT 3MR, 5MR and 8MR
- PowerGrip™ HTD™ 3M, 5M, 8M and 14M
- PowerGrip™ XL, L and H

## BENEFITS

- No paint contamination risk.
- Runs well on fixed centre distance drives without elongation and offers long service life.
- Identical performance, drive characteristics as standard product.
- Temperature range:
  - PowerGrip™: -30 °C to +100 °C
  - PowerGrip™ GT4: -40 °C to +140 °C
  - Poly Chain®: -54 °C to +85 °C



**Please refer to p. 223 for size list.**

**Ordering code**

PPT-800-8MGT4-30
PPT - PowerPainT™
800 - Pitch length (mm)
8MGT4 - Pitch 8mm (PowerGrip™ GT4)
30 Belt width (mm)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™ Pro™ Drive design software, available on www.Gates.com or consult the product application engineering team.

**Identification**
Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

# 3. POLYURETHANE BELTS

# SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

**Gates Synchro-Power™ polyurethane belts are designed for long lasting and energy-efficient performance on both power transmission and linear applications. They are built in endless and open-end versions in various sizes, constructions and tooth designs handling a wide range of loads, speeds and applications. Polyurethane is extremely wear and fatigue resistant and at the same time highly flexible. They are available up to 380mm width and can easily be recognised by their blue colour.**

## CONSTRUCTION

- Abrasion-resistant polyurethane body offers clean running systems without accumulation of debris.
- Synchro-Power™ **endless belts and sleeves for Power Transmission** are manufactured as truly endless synchronous belts with no joint. Pitch lengths available up to 2,250mm.
- Synchro-Power™ **open-end belts for Linear drives** (rolls) are manufactured as open-end extruded belts. Roll lengths available up to 100m.
- Standard product suited for -5°C up to +70°C. For applications outside this range, please consult your Gates representative.

## BENEFITS

- Exceptional rigidity, reduced tooth flexing and exceptional stability in the overall system.
- Wide range of tooth profiles meeting all application requirements.
- Clean, quiet and smooth-running operation.
- No lubrication required.
- Broad application range: automatic assembly operations, horizontal and vertical doors, printing applications, conveying equipment, textile industry, packaging machinery ... and many more.



| **Ordering code: Endless Synchro-Power™** |
|---|
| T10-440-50<br>T10 - Pitch T10 (10mm)<br>440 - Pitch length (mm)<br>50 - Belt width (mm) |
| **Identification**<br>Durable white marking indicating the belt type and dimensions |

| **Ordering code: Open-end Synchro-Power™** |
|---|
| PU-T10-50-100M-AR-NB<br>PU - Polyurethane<br>T10 - Pitch T10 (10mm)<br>50 - Belt width (mm)<br>100M - Roll length (m)<br>AR - Aramid tensile cords<br>NB - Nylon back<br><br>Please refer to the Gates Price List for specifics on stock availability. |
| **Identification**<br>Durable black marking indicating the belt type and dimensions |

# 33 CUSTOMISED POLYURETHANE BELTS

**Gates' standard Synchro-Power™ product range covers a multitude of applications. If your process requires a belt design that meets very specific application needs, Gates offers you a variety of customised polyurethane belt products next to the standard belt range. These polyurethane belt products, tailor-made to fulfil your most challenging requirements, meet the same quality levels as their standard counterparts. Our applications engineers can work with you to design any belt catering to your specific needs in various applications. Nearly every belt type can be customised by adding backings, profiles or special machining. This makes them the perfect supplement to the Gates' standard Synchro-Power™ product offering.**



The extensive product range and technical data can be found on Gates.com. Information of other options and special constructions can be obtained on request from the Gates customer experience team in Pfungstadt (+49 06157 9727 0 or sales-pfungstadt@gates.com).

# SUPER FLEX™

HIGH-QUALITY, THERMOPLASTIC BELTS MANUFACTURED AS TRULY ENDLESS, EXTRUDED SYNCHRONOUS BELTS

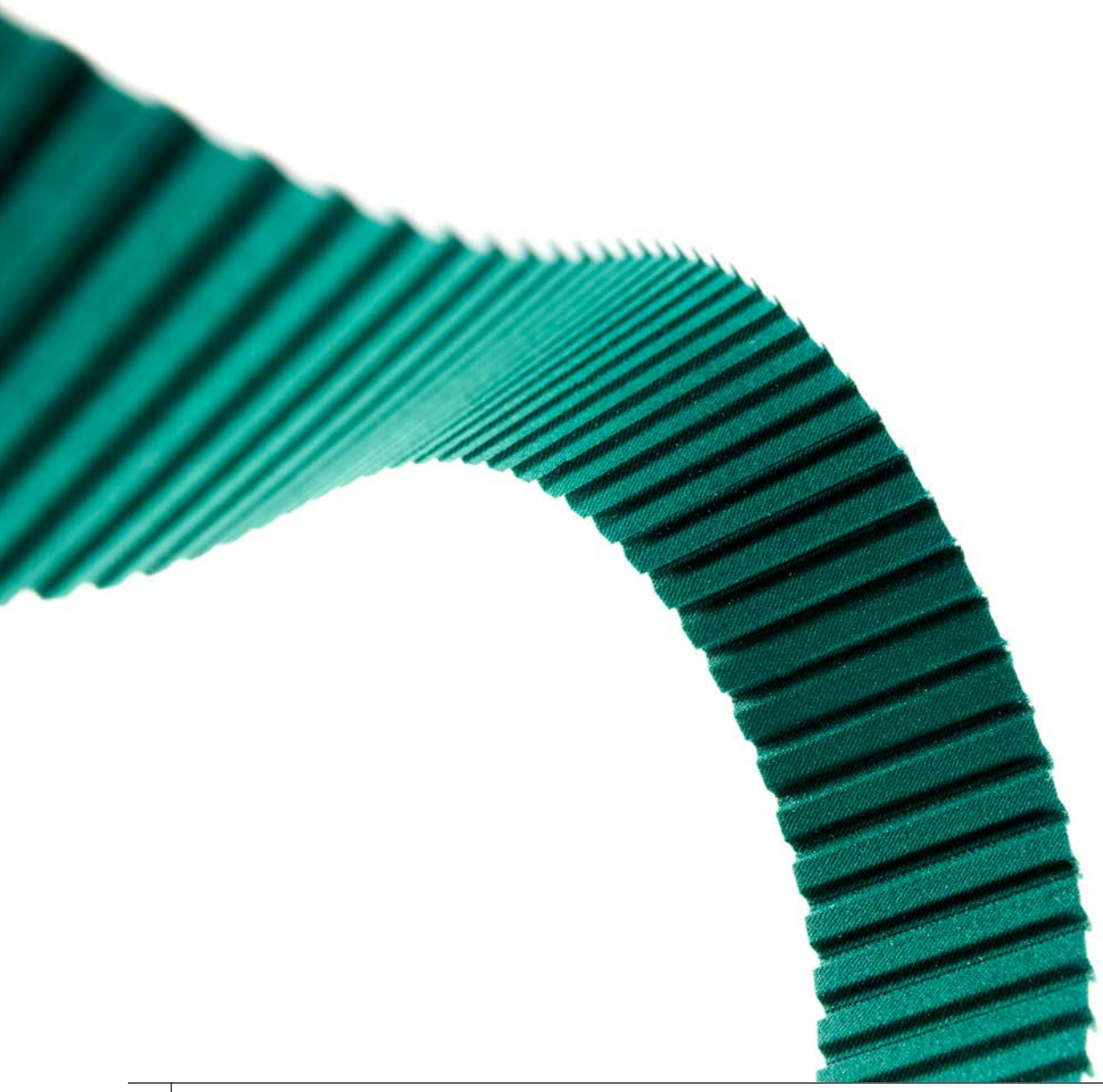
**The SUPER Flex™ truly endless belt programme combines the durability of Gates quality products with a reliable partnership, making it the number one choice for polyurethane synchronous belts. You can be confident in the SUPER Flex™ reliability, for high power transmission drives as well as heavy load conveying applications.**

## CONSTRUCTION

- Extensive range of sizes, widths, and any length between 1.5 and 22.5m.
- Helically wound steel cords. Different steel cord options available: standard, high strength, high flexible or stainless steel.
- Different PU grades available for special requirements, such as food applications.

## BENEFITS

- High flexibility, exceptional strength and stiffness.
- More than 30 different backing materials.
- Over 3,000 designs for welded profiles.
- Engineering support for customised designs – unique labelling/branding options available.
- More info on www.gatessuperflex.com.



# LINEAR BELTS

FLEXIBILE SOLUTIONS FOR SYNCHRONOUS CONVEYING AND LINEAR POSITIONING APPLICATIONS

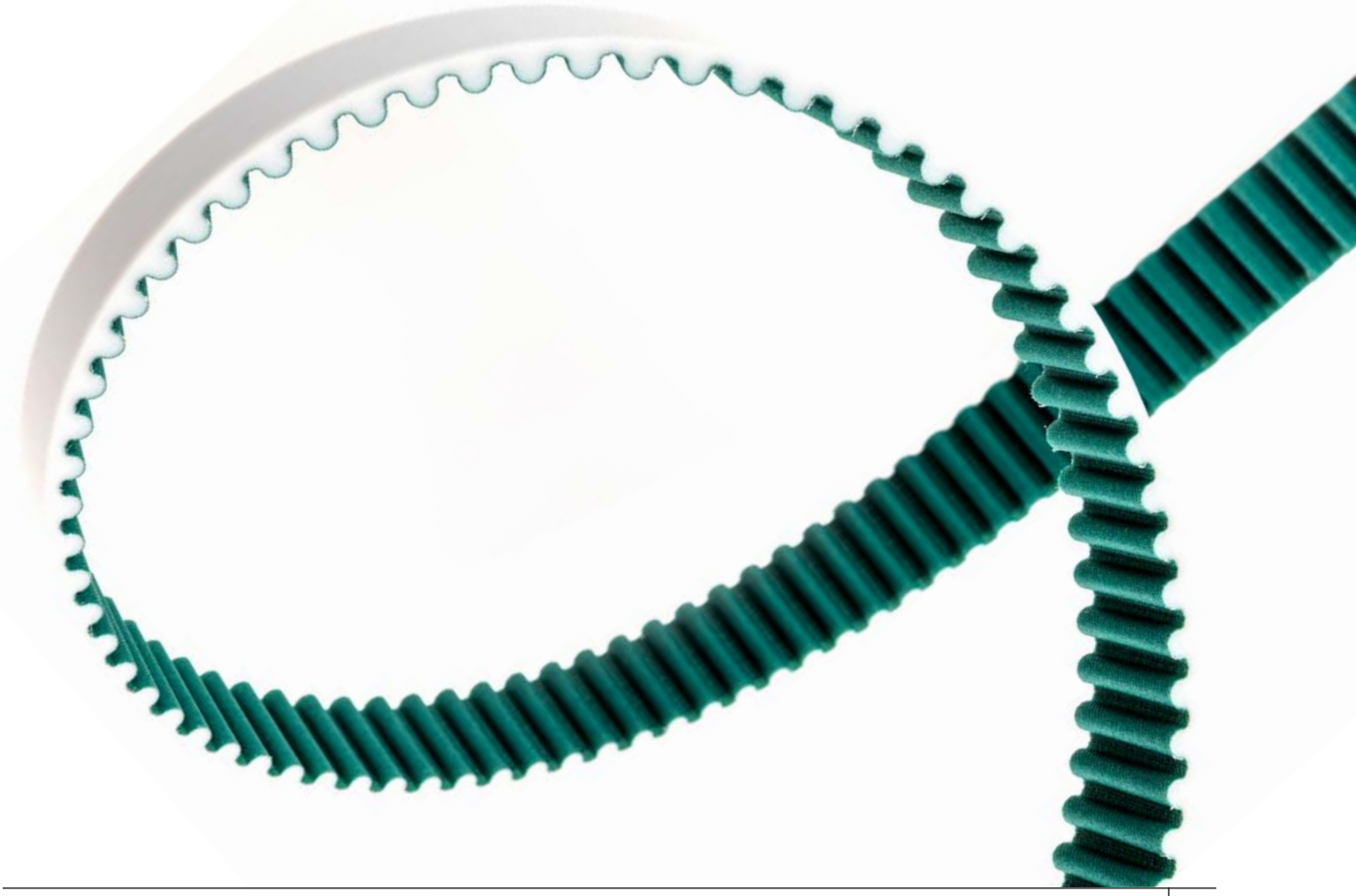
**Linear belts are available in rolls up to 100m, as endless welded belts and as open-end belts cut to required lengths. These belts are designed for a wide variety of loads, from micro-positioning to high-load and dynamic linear movements. Therefore this type of belt is especially fit for applications in conveyors, linear actuators, synchronous transport, assembly lines, and many more. Endless welded belts can be equipped with a wide variety of backings. In addition, it's also possible to add welded profiles for various transportation applications.**

## CONSTRUCTION

- Variety of tooth pitch, cord types, PU resins and coatings available.
- Endless welded and open-end rolls in various sizes, constructions and tooth designs.

## BENEFITS

- Comprehensive range of possible configurations.
- Self-tracking belts, utilising V-guides to eliminate any lateral movement.
- Unique surface characteristics available (grinded edges, surfaces to tight tolerances, punching or machining holes and slots to CNC machining of three dimensional contours).
- More than 30 different backing materials (high/low coefficient of friction, chemical resistance and static conductivity).
- Over 3,000 profiles for thermal bonding (special dimensions and tolerances on request).



**Gates wide timing belts are commonly used in applications demanding exact product positioning and conveyed products require additional width. Supplementary to flat conveyor belts, Gates wide belts offer synchronous conveying at start-stop-applications or when precise synchronisation is required. These belts are often used as process conveyor belts, when a process occurs on the product, while it is transported.**

## CONSTRUCTION

- Widths up to 450mm.
- Parallel construction of high strength aramid cords.
- High-strength polyurethane belt construction.

## BENEFITS

- Alternative to plastic modular chains and flat belting.
- Accurate positioning of conveying goods.
- Uniform stress distribution because of the parallel tension members.
- Easy to clean and cut resistant.



**Gates linear extruded flat belts offer the combination of various tensile members and several urethane grades. This makes these belts suited for a wide variety of applications, mainly in lifting and pulling equipment. The product line offers belt types ranging from small sizes accommodating small pulleys to high-load belts with extreme tensile strength and stiffness thanks to extra strong steel reinforcement.**

## CONSTRUCTION

- Open-end belts.
- Used in combination with Gates patented Fix-Flat clamping.
- For motion control applications in which one belt end is anchored.

## BENEFITS

- Smooth, vibration free operation.
- High strength combined with low elongation.
- Sealed belt edges result in no cord fraying.
- Easy belt guide with flanged pulleys or guiding rails.
- No re-tensioning required.



# 4. METAL PARTS

# 38 SPROCKETS POLY CHAIN® GT™ 8MGT - 14MGT & 19MGT

**Poly Chain® GT sprockets use the tooth profile designed and developed by Gates and function with Gates Poly Chain® GT belts in all existing constructions. These sprockets are statically balanced to make sure the entire belt drive is as safe as possible. Furthermore, they are manufactured, specified and tested to perfectly support the full power capabilities of the Gates Poly Chain® belt product range. Belts and sprockets used together get the best out of your belt drive: maximal performance, prolonged antistatic properties and optimal lifetime.**



## BENEFITS

- Precisely manufactured and statically balanced to ISO 1940 (1973) to class G16.
- Exact sprocket design produces positive, press fit to shaft.
- Smaller, narrower sprockets save shaft space, keep the load closer to the bearing and extend life of reducer.
- Keep overhung load below manufacturers recommendation.
- Specifically designed to transmit power only with the corresponding Gates Poly Chain® belt product line.
- The tooth profile of the sprocket is designed and developed by Gates to operate with Gates Poly Chain® GT Carbon™ VOLT™; Poly Chain® GT Carbon™ and Poly Chain® GT2.

**Please refer to p. 227 for size list.**

| Sprocket range | |
|---|---|
| 8MGT | 22 to 192 grooves<br>Suited for standard belt widths of 12, 21, 36, 62mm |
| 14MGT | 28 to 192 grooves<br>Suited for standard belt widths of 20, 37, 68, 90, 125 mm |
| 19MGT | 40 to 80 and 140 to 200 grooves<br>Suited for standard belt widths of 150 and 200 mm |

**Ordering code**

14M-28S-20
14M - Pitch 14mm
28S - Number of teeth
20 - suited for belt width (mm)

NOTE: For correct design and tensioning of the belt please consult with our application engineering team.

**Identification**
Durable “punched” markings indicating the sprocket dimensions.

# 39 SPROCKETS POLY CHAIN® 5MGT/POWERGRIP™ 5MGT

**Poly Chain®/PowerGrip™ GT™ sprockets are specially engineered and manufactured to work with PowerGrip™ GT3 and Poly Chain® GT Carbon 5MGT belts, delivering maximum performance and superior reliability.**

## CONSTRUCTION

- Smaller diameter sprockets are flanged.
- Constructions are Pilot Bore or suit a taper bush.

## BENEFITS

- Easy installation and removal due to full split in bushing design.
- Precise sprocket design produces positive, press fit to shaft.
- Precision manufactured and static balanced to eliminate sprocket wobble.
- Space-saving design results in more shaft space.
- Designed to keep the load closer to the bearing and extend reducer life.



**Please refer to p. 233 for size list.**

| Sprocket range | |
|---|---|
| Plain bore system | 18 to 50 grooves<br>Suited for standard belt widths of 9, 15, 25mm |
| Taperbush system | 36 to 90 grooves<br>Suited for standard belt widths of 9, 15, 25mm |

| Ordering code |
|---|
| 5M-36S-25<br>5M - Pitch 5mm<br>36S - number of teeth<br>25 - suited for belt width (mm) |
| 5M-20S-25-PB<br>5M - Pitch 5mm<br>20S - number of teeth<br>25 - suited for belt width (mm)<br>PB - Plain bore |

# 40 SPROCKETS POLY CHAIN® GT STAINLESS STEEL 8MGT

**Stainless steel Poly Chain® GT sprockets are ideal for the food and beverage industry or where non-corrosive sprockets are needed to prevent rust and allow for washdown. Poly Chain® GT sprockets operate with Gates Poly Chain® Carbon™ Volt™ belts and all previous constructions.**

## CONSTRUCTION

- Strong, durable sprockets designed for use with your Poly Chain® GT™2, Poly Chain® GT™ or Poly Chain® GT™ Carbon™ belts.

## BENEFITS

- Cost effective alternative to stainless steel roller chain drives.
- Can be used with rim speeds up to 40m/s.
- Drive can be washed down without affecting the sprockets or belt.
- Poly Chain® GT sprockets keep overhung load below manufacturers' recommendation.
- Precise sprocket design produces positive, press fit to shaft.
- Precision manufactured and static balanced.
- Re-work services have turnaround time.
- Smaller, narrower sprockets save shaft space, keep the load closer to bearing and extend life of reducer.
- Sprockets are precision manufactured and static balanced.



**Please refer to p. 235 for size list.**

| Sprocket range | |
|---|---|
| Taperbush system | 28 to 50 grooves<br>Suited for standard belt widths of 12, 21mm |

| Ordering code |
|---|
| 8M-28S-12SS<br>8M - Pitch 8mm<br>28S - Number of teeth<br>12 - suited for belt width (mm)<br>SS - Stainless Steel |

# 41 IDLER SPROCKETS POLY CHAIN® GT 8MGT & 14MGT

**Gates® Idler Sprockets are ideal for use in chain drive conversions. They can be used to take-up extra belt length and provide adjustment for tensioning belt drives. Idler pulleys and sprockets can also be used to alter belt paths and navigate obstructions.**

## CONSTRUCTION

- Gates Idler Sprockets contain sealed ball bearings and an integral shaft for mounting to our adjustable idler brackets.

## BENEFITS

- Range for Poly Chain® GT Carbon™ VOLT™ belts.
- Lubrication and maintenance are not required.
- Ideal for belt drive customization.
- Maintenance-free operation.
- Includes: sprocket, sealed ball bearings, integral shaft.
- Adjustable idler brackets sold separately.



**Please refer to p. 236 for size list.**

| Idler sprocket range | |
|---|---|
| 8MGT | 32 grooves - suited for standard belt widths of 12, 21mm<br>36 grooves - suited for standard belt widths of 36, 62mm |
| 14MGT | 30 grooves - suited for standard belt width of 20, 37mm<br>34 grooves - suited for standard belt widths of 68, 90, 125mm |

| Ordering code |
|---|
| IDLER-SPROCKET-8M-32S-21<br>IDLER-SPROCKET - grooved inside idler<br>8M - Pitch 8mm<br>32S - number of teeth<br>21 - suited for belt width (mm) |

# 42 IDLER BRACKETS

**Belt drives with fixed, or limited adjustment, centre distances require an alternative way to tension it. Gates idler brackets can be used to tension a belt from the inside or backside using the appropriate attachments.**

## CONSTRUCTION

- Gates adjustable idler brackets are designed to be highly versatile, with two different means of adjustment.
- Adjustment can be made by pivoting the base flange about the bracket pivot point along the adjustment slot, or by pivoting the idler bracket arm on the base flange.

## BENEFITS

- Double-adjustable (base and arm).
- Designed to accept Gates Idler Sprockets, Idler Bushings and Flat Idler Pulleys.
- Ideal for conveyor drives with fixed centre distances.
- Idler brackets are pre-programmed in Gates Design IQ™ drive design software.
- Lubrication and maintenance are not required.



**Please refer to p. 237 for size list.**

| Ordering code |
| --- |
| Comes in 2 versions:<br>BRACKET 10 and BRACKET 20 |

# 43 FLAT IDLER PULLEYS

**Idlers can be used to take up extra belt length and provide adjustment for tensioning belt drives. Idler pulleys and sprockets can alter belt paths and clear obstructions.**

## CONSTRUCTION

- Flat Idler Pulleys contain sealed ball bearings and an integral shaft for mounting to our adjustable idler brackets.

## BENEFITS

- Lubrication and maintenance are not required.
- Suitable for a range of synchronous and V-belts.



| Flat Idler Pulleys range | |
|---|---|
| Diameter: 108mm/4.25” | Available in pulley width of 32, 51, 76, 102mm<br>Suited for 8M pitch synchronous belts |
| Diameter: 165mm/6.50” | Available in pulley width of 44, 70, 108, 146, 190mm<br>Suited for 14M pitch synchronous belts |

**Please refer to p. 238 for size list.**

| Ordering code |
|---|
| IDLER-FLAT-6.50x1.75<br>IDLER-FLAT - flat outside inside idler<br>6.5 - outside diameter 6.5” / 165mm<br>1.75 - pulley width 1.75” / 44mm |

# 5. PREVENTIVE MAINTENANCE TOOLS

# 44 V-BELT PULLEY GAUGES

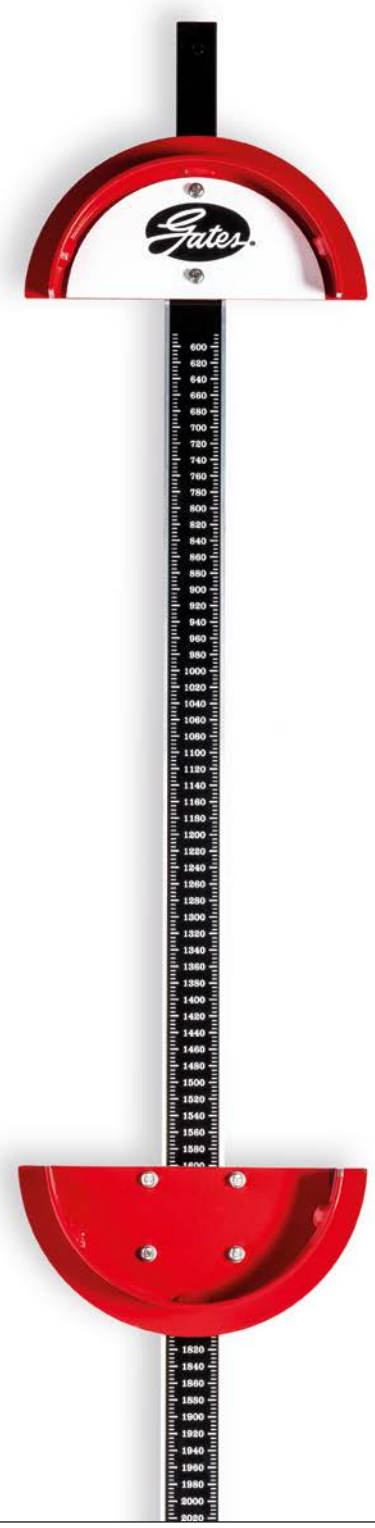
**Helps to identify worn V-belt sheaves and damaged V-belts. Gates colour coded V-belt and pulley gauges provide a simple solution for detecting worn pulleys and identifying V-belt cross sections. The pulley wear gauges fit standard industrial grooves, identifying excessive wear before it leads to premature belt failure.**




| Ordering code |
| --- |
| PN 7401-10002 |

# 45 INDUSTRIAL BELT LENGTH FINDER

**The length measuring instrument can be used for V-belt, Micro-V and timing belts. The inside length can be measured in a range from 600mm to 4100mm. Gates belt measurer can be mounted on your wall to easily find the inside length of a V-belt. When used in conjunction with our belt and pulley gauges belt identification is simple.**




| Ordering code |
| --- |
| PN 7401-10001 |

# 46 SINGLE / DOUBLE BARREL TENSION TESTER

**Gates has two deflection tension testing tools for servicing of belt drives. The single barrel (15kg) and the double barrel (30kg) tester can be used to accurately measure the tension of individual or joined belts upon installation or during maintenance. Using the tension tester ensures that correct tension is maintained and is repeatable. This will yield not only a longer service life but a predictable one, enabling scheduled replacement rather than breakdown replacement.**






| Ordering code |
| --- |
| Single Barrel Tension tester:<br>PN 7401-00076 |
| Double Barrel Tension tester:<br>PN 7401-00075 |

# 47 SONIC TENSION METER 508C

**Correct belt installation tension is essential for optimum performance and reliability of multi-ribbed, V-belt and synchronous belt drives. The 508C sonic tension meter ensures simple and extremely accurate tension measurement by analysing sound waves from the belt through the sensor. It processes the input signals and displays the accurate tension measurement digitally. Gates' tension meter is user-friendly: it is compact, computerised and stores data for repetitive use. Gates' sonic tension meter measures belt tension accurately every time. It is supplied with a handy instruction manual.**

## TECHNICAL CHARACTERISTICS

- Suitable for multi-ribbed belts, V-belts and synchronous belts.
- CE approved.
- RoHS 2 complaint: the device complies with the European Directive (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- Batteries: 2 x AAA.
- Measurement range: 10 Hz to 5,000 Hz.
- Measured accuracy: ± 1%.
- LCD screen backlight.
- Double display possible (Newton and/or Hz).
- New sensor type: flexible flat (standard included - PN 7420-00205).
- Stores weight, width and span constants for up to forty different drive systems.
- Auto gain adjustment function automatically eliminates background noise.
- Cord sensor and inductive sensor available on request.
- Compact model (H 160mm x D 26mm x W 59mm).
- Use and storage temperature range: -10°C to +50°C (free from condensation).

## OPTIONAL ACCESSORIES

- CORD SENSOR (PN 7420-00206)
  The cord sensor is recommended for measuring tensions at a distance from the tension meter.
- INDUCTIVE SENSOR (PN 7420-00212)
  The inductive sensor is recommended for measurement particularly in noisy or windy environments. A steel clip to the back of the belt is required to measure the vibration frequency.
- PACKAGE OFFERING (PN 7420-10508)
  Sonic 508C + Inductive sensor + Magnets.

| Ordering code |
| --- |
| PN 7420-00508 |




**IMPORTANT NOTE!: GATES SONIC TENSION METER SHOULD NOT BE USED IN EXPLOSIVE RISK AREAS.**

# 48 SONIC TENSION METER 308C

**The correct tension of a belt in a drive – whether it's a V-belt, a V-ribbed belt or a synchronous belt – is crucial. Looking for a tension measuring device that is easy to handle and extremely accurate? Use the Gates Sonic tension meter 308C. This fully electronic measuring device analyses sound waves from the belt through the sensor. It processes the input signals and displays the accurate tension measurement digitally. The perfect output for correct belt installation tension, which is essential for the optimum performance and reliability of your V-, V-ribbed and synchronous belt drives.**
**Belt pretension data can be determined by using Gates DesignFlex™ Pro™ Drive design software, available on Gates.com.**

## WHY CHOOSE THE 308C?

- User-friendly device:
  - One button operation.
  - CE approved.
  - Clear LCD screen.
  - Compact model (H 135mm x D 30mm x W 50mm).
  - Low weight (150 gram).

- Accurate measurement:
  - Frequency display in Hertz.
  - Measurement range: 10 Hz - 350 Hz.
  - Cord sensor.
  - Double microphone automatically eliminates background noise.
  - Measured accuracy: ± 1 Hz from 0 to 100 Hz, 1% > 100 Hz.

- Secure & safe operation:
  - Battery: 6LR61 (autonomy: 50 hours).
  - To save energy, the device shuts off automatically after two minutes of inactivity.
  - CE approved.
  - Reach and RoHS 2 compliant: the device complies with the European Directive (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

| Ordering code |
| --- |
| PN 7420-00100 |




**IMPORTANT NOTE!: GATES SONIC TENSION METER SHOULD NOT BE USED IN EXPLOSIVE RISK AREAS.**

# 49 LASER AT-1

**A fast and accurate method to measure misalignment is offered by Gates' unique laser alignment device, LASER AT-1. Mounted in a few seconds, the laser line projected onto the targets allows you to quickly ascertain and correct misalignment. It identifies parallel as well as angular misalignment between the pulleys and is suitable for pulley diameters of 60mm and larger. It can be used on both horizontally and vertically mounted machines.**

## TECHNICAL CHARACTERISTICS

- Suitable for multi-ribbed belts, V-belts and synchronous belts.
- CE approved.
- RoHS 2 compliant: the device complies with the European Directive (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- Pulley diameters: ≥ 60mm.
- Laser class 2.
- Temperature range: -10 °C up to +50 °C.
- Targets: 2 pieces magnet targets with adjustable centre line.




| Ordering code |
| --- |
| AT1+2 targets: PN 7401-10010 |
| Target: PN 7401-10012 |

**IMPORTANT NOTE!: GATES SONIC TENSION METER SHOULD NOT BE USED IN EXPLOSIVE RISK AREAS.**

# 6.
# V-BELTS SIZE LIST

## SPBP-5VP

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPBP1400 | 1400 | | ● | ● |
| SPBP1450 | 1450 | | ● | |
| SPBP1500 | 1500 | | ● | |
| SPBP1550 | 1550 | | ● | ● |
| SPBP1600/5VP630 | 1600 | 63 | ● | |
| SPBP1650 | 1650 | | ● | ● |
| SPBP1700/5VP670 | 1700 | 67 | ● | |
| SPBP1750 | 1750 | | ● | ● |
| SPBP1800/5VP710 | 1800 | 71 | ● | |
| SPBP1850 | 1850 | | ● | ● |
| SPBP1900/5VP750 | 1900 | 75 | ● | |
| SPBP1950 | 1950 | | ● | ● |
| SPBP2000 | 2000 | | ● | |
| SPBP2060 | 2060 | | ● | ● |
| SPBP2120 | 2120 | | ● | |
| SPBP2150 | 2160 | | ● | ● |
| SPBP2240 | 2240 | | ● | |
| SPBP2360 | 2360 | | ● | |
| SPBP2400 | 2400 | | ● | ● |
| SPBP2500 | 2500 | | ● | |
| SPBP2650 | 2650 | | ● | |
| SPBP2680 | 2680 | | ● | ● |
| SPBP2800 | 2800 | | ● | |
| SPBP2850 | 2850 | | ● | ● |
| SPBP2900 | 2900 | | ● | ● |
| SPBP3000/5VP1180 | 3000 | 118 | ● | |
| SPBP3150/5VP1250 | 3150 | 125 | ● | |
| SPBP3250 | 3250 | | ● | ● |
| SPBP3350/5VP1320 | 3350 | 132 | ● | |
| SPBP3550/5VP1400 | 3550 | 140 | ● | |
| SPBP3650 | 3650 | | ● | ● |
| SPBP3750/5VP1500 | 3750 | 150 | ● | |
| SPBP3800 | 3800 | | ● | ● |
| SPBP4000/5VP1600 | 4000 | 160 | ● | |
| SPBP4250/5VP1700 | 4250 | 170 | ● | |
| SPBP4500/5VP1800 | 4500 | 180 | ● | |
| SPBP4750 | 4750 | | ● | |
| SPBP5000/5VP2000 | 5000 | 200 | ● | |
| SPBP5300 | 5300 | | ● | |
| SPBP5600 | 5600 | | ● | |
| SPBP6000/5VP2360 | 6000 | 236 | ● | |
| SPBP6300/5VP2500 | 6300 | 250 | ● | |
| SPBP6700/5VP2650 | 6700 | 265 | ● | |
| SPBP7100/5VP2800 | 7100 | 280 | ● | |
| SPBP7500 | 7500 | | ● | |
| SPBP8000/5VP3150 | 8000 | 315 | ● | |

## SPCP

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPCP2000 | 2000 | ● | |
| SPCP2120 | 2120 | ● | |
| SPCP2240 | 2240 | ● | |
| SPCP2360 | 2360 | ● | |
| SPCP2500 | 2500 | ● | |
| SPCP2650 | 2650 | ● | |
| SPCP2800 | 2800 | ● | |
| SPCP3000 | 3000 | ● | |
| SPCP3150 | 3150 | ● | |
| SPCP3350 | 3350 | ● | |
| SPCP3550 | 3550 | ● | |
| SPCP3750 | 3750 | ● | |
| SPCP4000 | 4000 | ● | |
| SPCP4250 | 4250 | ● | |
| SPCP4500 | 4500 | ● | |
| SPCP4750 | 4750 | ● | |
| SPCP5000 | 5000 | ● | |
| SPCP5300 | 5300 | ● | |
| SPCP5600 | 5600 | ● | |
| SPCP6000 | 6000 | ● | |
| SPCP6300 | 6300 | ● | |
| SPCP6700 | 6700 | ● | |
| SPCP7100 | 7100 | ● | |
| SPCP7500 | 7500 | ● | |
| SPCP8000 | 8000 | ● | |
| SPCP8500 | 8500 | ● | |
| SPCP9000 | 9000 | ● | |
| SPCP9500 | 9500 | | |
| SPCP10000 | 10000 | | |
| SPCP10600 | 10600 | | |

## 8VP

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 8VP1600 | 4064 | 160 | | |
| 8VP1700 | 4318 | 170 | | |
| 8VP1800 | 4572 | 180 | | |
| 8VP1900 | 4826 | 190 | | |
| 8VP2000 | 5080 | 200 | | |
| 8VP2120 | 5385 | 212 | | |
| 8VP2240 | 5690 | 224 | | |
| 8VP2360 | 5994 | 236 | | |
| 8VP2500 | 6350 | 250 | | |
| 8VP2650 | 6731 | 265 | | |
| 8VP2800 | 7112 | 280 | | |
| 8VP3000 | 7620 | 300 | | |
| 8VP3150 | 8001 | 315 | | |
| 8VP3350 | 8509 | 335 | | |
| 8VP3550 | 9017 | 355 | | |

## XPZ-3VX

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| XPZ562/3VX223 | 562 | 22.3 | ● | ● |
| XPZ587/3VX233 | 587 | 23.3 | ● | |
| XPZ600/3VX238 | 600 | 23.8 | ● | |
| XPZ612/3VX243 | 612 | 24.3 | ● | |
| XPZ630/3VX250 | 630 | 25.0 | ● | |
| XPZ637/3VX252 | 637 | 25.2 | ● | |
| XPZ660/3VX261 | 660 | 26.1 | ● | ● |
| XPZ662/3VX262 | 662 | 26.2 | ● | |
| XPZ670/3VX265 | 670 | 26.5 | ● | |
| XPZ687/3VX272 | 687 | 27.2 | ● | |
| XPZ710/3VX280 | 710 | 28.0 | ● | |
| XPZ722/3VX286 | 722 | 28.6 | ● | |
| XPZ730/3VX289 | 730 | 28.9 | ● | |
| XPZ737/3VX292 | 737 | 29.2 | ● | |
| XPZ750/3VX297 | 750 | 29.7 | ● | |
| XPZ762/3VX300 | 762 | 30.0 | ● | |
| XPZ772/3VX305 | 772 | 30.5 | ● | |
| XPZ775/3VX307 | 775 | 30.7 | ● | ● |
| XPZ787/3VX311 | 787 | 31.1 | ● | |
| XPZ800/3VX315 | 800 | 31.5 | ● | |
| XPZ812/3VX321 | 812 | 32.1 | ● | |
| XPZ817/3VX323 | 817 | 32.3 | ● | ● |
| XPZ825/3VX325 | 825 | 32.5 | ● | ● |
| XPZ837/3VX331 | 837 | 33.1 | ● | |
| XPZ850/3VX335 | 850 | 33.5 | ● | |
| XPZ862/3VX341 | 862 | 34.1 | ● | |
| XPZ875/3VX346 | 875 | 34.6 | ● | |
| XPZ887/3VX350 | 887 | 35.0 | ● | |
| XPZ900/3VX355 | 900 | 35.5 | ● | |
| XPZ912/3VX360 | 912 | 36.0 | ● | |
| XPZ917/3VX362 | 917 | 36.2 | ● | ● |
| XPZ925/3VX366 | 925 | 36.6 | ● | |
| XPZ937/3VX370 | 937 | 37.0 | ● | |
| XPZ950/3VX375 | 950 | 37.5 | ● | |
| XPZ962/3VX380 | 962 | 38.0 | ● | |
| XPZ975/3VX385 | 975 | 38.5 | ● | |
| XPZ980/3VX387 | 980 | 38.7 | ● | |
| XPZ987/3VX390 | 987 | 39.0 | ● | |
| XPZ1000/3VX395 | 1000 | 39.5 | ● | |
| XPZ1012/3VX400 | 1012 | 40.0 | ● | |
| XPZ1025/3VX405 | 1025 | 40.5 | ● | ● |
| XPZ1030/3VX407 | 1030 | 40.7 | ● | |
| XPZ1037/3VX410 | 1037 | 41.0 | ● | |
| XPZ1047/3VX414 | 1047 | 41.4 | ● | ● |
| XPZ1060/3VX420 | 1060 | 42.0 | ● | ● |
| XPZ1077/3VX425 | 1077 | 42.5 | ● | ● |
| XPZ1080/3VX426 | 1080 | 42.6 | ● | |
| XPZ1087/3VX429 | 1087 | 42.9 | ● | |
| XPZ1110/3VX438 | 1110 | 43.8 | ● | ● |
| XPZ1112/3VX439 | 1112 | 43.9 | ● | |
| XPZ1120/3VX442 | 1120 | 44.2 | ● | |

## XPZ-3VX (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| XPZ1137/3VX450 | 1137 | 45.0 | ● | ● |
| XPZ1140/3VX450 | 1140 | 45.0 | ● | |
| XPZ1150/3VX454 | 1150 | 45.4 | ● | |
| XPZ1162/3VX459 | 1162 | 45.9 | ● | ● |
| XPZ1180/3VX464 | 1180 | 46.4 | ● | |
| XPZ1187/3VX469 | 1187 | 46.9 | ● | |
| XPZ1202/3VX475 | 1202 | 47.5 | ● | |
| XPZ1212/3VX479 | 1212 | 47.9 | ● | |
| XPZ1220/3VX482 | 1220 | 48.2 | ● | ● |
| XPZ1237/3VX487 | 1237 | 48.7 | ● | |
| XPZ1250/3VX494 | 1250 | 49.4 | ● | |
| XPZ1262/3VX500 | 1262 | 50.0 | ● | |
| XPZ1270/3VX502 | 1270 | 50.2 | ● | |
| XPZ1280/3VX505 | 1280 | 50.5 | ● | |
| XPZ1287/3VX508 | 1287 | 50.8 | ● | |
| XPZ1312/3VX518 | 1312 | 51.8 | ● | |
| XPZ1320/3VX520 | 1320 | 52.0 | ● | |
| XPZ1337/3VX530 | 1337 | 53.0 | ● | |
| XPZ1347/3VX532 | 1347 | 53.2 | ● | ● |
| XPZ1360/3VX537 | 1360 | 53.7 | ● | ● |
| XPZ1362/3VX538 | 1362 | 53.8 | ● | |
| XPZ1387/3VX548 | 1387 | 54.8 | ● | ● |
| XPZ1400/3VX553 | 1400 | 55.3 | ● | |
| XPZ1412/3VX560 | 1412 | 56.0 | ● | ● |
| XPZ1420/3VX563 | 1420 | 56.3 | ● | |
| XPZ1437/3VX567 | 1437 | 56.7 | ● | |
| XPZ1450/3VX572 | 1450 | 57.2 | ● | |
| XPZ1462/3VX578 | 1462 | 57.8 | ● | ● |
| XPZ1487/3VX587 | 1487 | 58.7 | ● | |
| XPZ1500/3VX590 | 1500 | 59.0 | ● | ● |
| XPZ1512/3VX600 | 1512 | 60.0 | ● | ● |
| XPZ1520/3VX603 | 1520 | 60.3 | ● | |
| XPZ1537/3VX607 | 1537 | 60.7 | ● | |
| XPZ1550/3VX612 | 1550 | 61.2 | ● | |
| XPZ1562/3VX617 | 1562 | 61.7 | ● | ● |
| XPZ1587/3VX626 | 1587 | 62.6 | ● | |
| XPZ1600/3VX630 | 1600 | 63.0 | ● | |
| XPZ1612/3VX637 | 1612 | 63.7 | ● | ● |
| XPZ1637/3VX646 | 1637 | 64.6 | ● | ● |
| XPZ1650/3VX650 | 1650 | 65.0 | ● | |
| XPZ1662/3VX656 | 1662 | 65.6 | ● | ● |
| XPZ1687/3VX666 | 1687 | 66.6 | ● | |
| XPZ1700/3VX670 | 1700 | 67.0 | ● | |
| XPZ1737/3VX686 | 1737 | 68.6 | ● | ● |
| XPZ1750/3VX690 | 1750 | 69.0 | ● | |
| XPZ1762/3VX696 | 1762 | 69.6 | ● | ● |
| XPZ1787/3VX705 | 1787 | 70.5 | ● | ● |
| XPZ1800/3VX710 | 1800 | 71.0 | ● | |
| XPZ1812/3VX715 | 1812 | 71.5 | ● | ● |
| XPZ1837/3VX725 | 1837 | 72.5 | ● | ● |
| XPZ1850/3VX730 | 1850 | 73.0 | ● | |

## XPZ-3VX (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| XPZ1862/3VX735 | 1862 | 73.5 | ● | ● |
| XPZ1887/3VX745 | 1887 | 74.5 | ● | ● |
| XPZ1900/3VX750 | 1900 | 75.0 | ● | |
| XPZ1937/3VX765 | 1937 | 76.5 | ● | ● |
| XPZ1950/3VX771 | 1950 | 77.1 | ● | |
| XPZ1987/3VX784 | 1987 | 78.4 | ● | ● |
| XPZ2000/3VX790 | 2000 | 79.0 | ● | |
| XPZ2030/3VX800 | 2030 | 80.0 | ● | |
| XPZ2037/3VX804 | 2037 | 80.4 | ● | ● |
| XPZ2060/3VX813 | 2060 | 81.3 | ● | ● |
| XPZ2120/3VX836 | 2120 | 83.6 | ● | |
| XPZ2137/3VX843 | 2137 | 84.3 | ● | ● |
| XPZ2160/3VX850 | 2160 | 85.0 | ● | |
| XPZ2187/3VX863 | 2187 | 86.3 | ● | ● |
| XPZ2240/3VX883 | 2240 | 88.3 | ● | |
| XPZ2262/3VX892 | 2262 | 89.2 | ● | ● |
| XPZ2280/3VX900 | 2280 | 90.0 | ● | |
| XPZ2287/3VX902 | 2287 | 90.2 | ● | ● |
| XPZ2360/3VX931 | 2360 | 93.1 | ● | |
| XPZ2410/3VX950 | 2410 | 95.0 | ● | |
| XPZ2430/3VX959 | 2430 | 95.9 | ● | ● |
| XPZ2500/3VX986 | 2500 | 98.6 | ● | |
| XPZ2540/3VX1000 | 2540 | 100.0 | ● | |
| XPZ2650/3VX1045 | 2650 | 104.5 | ● | |
| XPZ2690/3VX1060 | 2690 | 106.0 | ● | |
| XPZ2800/3VX1104 | 2800 | 110.4 | ● | |
| XPZ2840/3VX1120 | 2840 | 112.0 | ● | |
| XPZ3000/3VX1180 | 3000 | 118.0 | ● | |
| XPZ3150/3VX1242 | 3150 | 124.2 | ● | |
| XPZ3350/3VX1320 | 3350 | 132.0 | ● | |
| XPZ3550/3VX1400 | 3550 | 140.0 | ● | |

## XPA

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPA690 | 690 | ● | |
| XPA732 | 732 | ● | |
| XPA747 | 747 | ● | |
| XPA750 | 750 | ● | ● |
| XPA757 | 757 | ● | |
| XPA775 | 775 | ● | ● |
| XPA782 | 782 | ● | |
| XPA800 | 800 | ● | |
| XPA807 | 807 | ● | ● |
| XPA825 | 825 | ● | ● |
| XPA832 | 832 | ● | |
| XPA850 | 850 | ● | |
| XPA857 | 857 | ● | |
| XPA875 | 875 | ● | ● |
| XPA882 | 882 | ● | |
| XPA900 | 900 | ● | |
| XPA907 | 907 | ● | |
| XPA925 | 925 | ● | |
| XPA932 | 932 | ● | |
| XPA950 | 950 | ● | |
| XPA957 | 957 | ● | |
| XPA975 | 975 | ● | |
| XPA982 | 982 | ● | |
| XPA1000 | 1000 | ● | |
| XPA1007 | 1007 | ● | |
| XPA1030 | 1030 | ● | |
| XPA1060 | 1060 | ● | |
| XPA1069 | 1069 | ● | |
| XPA1082 | 1082 | ● | |
| XPA1090 | 1090 | ● | |
| XPA1107 | 1107 | ● | |
| XPA1120 | 1120 | ● | |
| XPA1132 | 1132 | ● | ● |
| XPA1140 | 1140 | ● | |
| XPA1142 | 1142 | ● | ● |
| XPA1150 | 1150 | ● | |
| XPA1157 | 1157 | ● | |
| XPA1172 | 1172 | ● | ● |
| XPA1180 | 1180 | ● | |
| XPA1207 | 1207 | ● | |
| XPA1215 | 1215 | ● | |
| XPA1220 | 1220 | ● | ● |
| XPA1232 | 1232 | ● | |
| XPA1250 | 1250 | ● | |
| XPA1257 | 1257 | ● | |
| XPA1272 | 1272 | ● | ● |
| XPA1282 | 1282 | ● | |
| XPA1285 | 1285 | ● | |
| XPA1307 | 1307 | ● | |
| XPA1320 | 1320 | ● | |
| XPA1332 | 1332 | ● | |

## XPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPA1357 | 1357 | ● | |
| XPA1360 | 1360 | ● | |
| XPA1367 | 1367 | ● | |
| XPA1382 | 1382 | ● | |
| XPA1400 | 1400 | ● | |
| XPA1407 | 1407 | ● | ● |
| XPA1432 | 1432 | ● | ● |
| XPA1442 | 1442 | ● | ● |
| XPA1450 | 1450 | ● | |
| XPA1457 | 1457 | ● | |
| XPA1462 | 1462 | ● | ● |
| XPA1482 | 1482 | ● | |
| XPA1500 | 1500 | ● | |
| XPA1507 | 1507 | ● | |
| XPA1522 | 1522 | ● | ● |
| XPA1532 | 1532 | ● | |
| XPA1550 | 1550 | ● | |
| XPA1557 | 1557 | ● | ● |
| XPA1582 | 1582 | ● | |
| XPA1600 | 1600 | ● | |
| XPA1607 | 1607 | ● | ● |
| XPA1632 | 1632 | ● | |
| XPA1650 | 1650 | ● | |
| XPA1657 | 1657 | ● | |
| XPA1680 | 1680 | ● | |
| XPA1682 | 1682 | ● | ● |
| XPA1700 | 1700 | ● | |
| XPA1707 | 1707 | ● | ● |
| XPA1732 | 1732 | ● | |
| XPA1750 | 1750 | ● | |
| XPA1757 | 1757 | ● | ● |
| XPA1782 | 1782 | ● | |
| XPA1800 | 1800 | ● | |
| XPA1807 | 1807 | ● | ● |
| XPA1832 | 1832 | ● | ● |
| XPA1850 | 1850 | ● | |
| XPA1857 | 1857 | ● | ● |
| XPA1882 | 1882 | ● | ● |
| XPA1900 | 1900 | ● | |
| XPA1907 | 1907 | ● | ● |
| XPA1932 | 1932 | ● | ● |
| XPA1950 | 1950 | ● | |
| XPA1957 | 1957 | ● | ● |
| XPA1982 | 1982 | ● | ● |
| XPA2000 | 2000 | ● | |
| XPA2032 | 2032 | ● | ● |
| XPA2057 | 2057 | ● | ● |
| XPA2060 | 2060 | ● | |
| XPA2082 | 2082 | ● | ● |
| XPA2120 | 2120 | ● | |
| XPA2132 | 2132 | ● | ● |

## XPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPA2180 | 2180 | ● | |
| XPA2207 | 2207 | ● | ● |
| XPA2232 | 2232 | ● | ● |
| XPA2240 | 2240 | ● | |
| XPA2282 | 2282 | ● | ● |
| XPA2300 | 2300 | ● | ● |
| XPA2307 | 2307 | ● | ● |
| XPA2332 | 2332 | ● | ● |
| XPA2360 | 2360 | ● | |
| XPA2382 | 2382 | ● | ● |
| XPA2430 | 2430 | ● | |
| XPA2482 | 2482 | ● | ● |
| XPA2500 | 2500 | ● | |
| XPA2532 | 2532 | ● | ● |
| XPA2582 | 2582 | ● | ● |
| XPA2607 | 2607 | ● | ● |
| XPA2632 | 2632 | ● | ● |
| XPA2650 | 2650 | ● | |
| XPA2682 | 2682 | ● | ● |
| XPA2732 | 2732 | ● | ● |
| XPA2782 | 2782 | ● | ● |
| XPA2800 | 2800 | ● | |
| XPA2832 | 2832 | ● | ● |
| XPA2847 | 2847 | ● | ● |
| XPA2882 | 2882 | ● | ● |
| XPA2900 | 2900 | ● | ● |
| XPA2932 | 2932 | ● | ● |
| XPA2982 | 2982 | ● | ● |
| XPA3000 | 3000 | ● | |
| XPA3150 | 3150 | ● | |
| XPA3350 | 3350 | ● | |
| XPA3550 | 3550 | ● | |
| XPA3750 | 3750 | ● | |
| XPA4000 | 4000 | ● | |

## XPB-5VX

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| XPB1000/5VX398 | 1000 | 39.8 | ● | |
| XPB1060/5VX422 | 1060 | 42.2 | ● | |
| XPB1080/5VX430 | 1080 | 43.0 | ● | |
| XPB1120/5VX445 | 1120 | 44.5 | ● | |
| XPB1180/5VX470 | 1180 | 47.0 | ● | |
| XPB1250/5VX497 | 1250 | 49.7 | ● | |
| XPB1260/5VX500 | 1260 | 50.0 | ● | |
| XPB1280/5VX510 | 1280 | 51.0 | ● | ● |
| XPB1320/5VX524 | 1320 | 52.4 | ● | |
| XPB1340/5VX530 | 1340 | 53.0 | ● | |
| XPB1400/5VX556 | 1400 | 55.6 | ● | |
| XPB1410/5VX560 | 1410 | 56.0 | ● | |
| XPB1450/5VX575 | 1450 | 57.5 | ● | |
| XPB1500/5VX595 | 1500 | 59.5 | ● | |
| XPB1510/5VX600 | 1510 | 60.0 | ● | |
| XPB1550/5VX615 | 1550 | 61.5 | ● | |
| XPB1590/5VX630 | 1590 | 63.0 | ● | |
| XPB1600/5VX634 | 1600 | 63.4 | ● | |
| XPB1650/5VX654 | 1650 | 65.4 | ● | |
| XPB1690/5VX670 | 1690 | 67.0 | ● | |
| XPB1700/5VX674 | 1700 | 67.4 | ● | |
| XPB1750/5VX693 | 1750 | 69.3 | ● | |
| XPB1800/5VX713 | 1800 | 71.3 | ● | |
| XPB1850/5VX733 | 1850 | 73.3 | ● | |
| XPB1900/5VX750 | 1900 | 75.0 | ● | ● |
| XPB1950/5VX772 | 1950 | 77.2 | ● | |
| XPB2000/5VX790 | 2000 | 79.0 | ● | |
| XPB2020/5VX800 | 2020 | 80.0 | ● | |
| XPB2120/5VX840 | 2120 | 84.0 | ● | |
| XPB2150/5VX850 | 2150 | 85.0 | ● | |
| XPB2186/5VX860 | 2186 | 86.0 | ● | |
| XPB2240/5VX886 | 2240 | 88.6 | ● | |
| XPB2280/5VX900 | 2280 | 90.0 | ● | |
| XPB2300/5VX910 | 2300 | 91.0 | ● | |
| XPB2360/5VX934 | 2360 | 93.4 | ● | |
| XPB2410/5VX953 | 2410 | 95.3 | ● | |
| XPB2433/5VX960 | 2433 | 96.0 | ● | |
| XPB2500/5VX990 | 2500 | 99.0 | ● | |
| XPB2530/5VX1000 | 2530 | 100.0 | ● | |
| XPB2650/5VX1050 | 2650 | 105.0 | ● | |
| XPB2680/5VX1060 | 2680 | 106.0 | ● | |
| XPB2800/5VX1108 | 2800 | 110.8 | ● | |
| XPB2840/5VX1120 | 2840 | 112.0 | ● | ● |
| XPB2900/5VX1146 | 2900 | 114.6 | ● | |
| XPB2990/5VX1180 | 2990 | 118.0 | ● | |
| XPB3000/5VX1186 | 3000 | 118.6 | ● | |
| XPB3150/5VX1245 | 3150 | 124.5 | ● | |
| XPB3160/5VX1250 | 3160 | 125.0 | ● | |
| XPB3320/5VX1312 | 3320 | 131.2 | ● | |
| XPB3350/5VX1320 | 3350 | 132.0 | ● | ● |
| XPB3440/5VX1359 | 3440 | 135.9 | ● | |

## XPB-5VX (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| XPB3550/5VX1400 | 3550 | 140.0 | ● | |
| XPB3750/5VX1481 | 3750 | 148.1 | ● | |
| XPB3800/5VX1500 | 3800 | 150.0 | ● | |
| XPB4000/5VX1579 | 4000 | 157.9 | ● | |
| XPB4053/5VX1600 | 4053 | 160.0 | ● | |
| XPB4250/5VX1678 | 4250 | 167.8 | ● | |
| XPB4307/5VX1700 | 4307 | 170.0 | ● | |
| XPB4500/5VX1776 | 4500 | 177.6 | ● | |
| XPB4560/5VX1800 | 4560 | 180.0 | ● | |
| XPB4750/5VX1875 | 4750 | 187.5 | ● | |
| XPB4815/5VX1900 | 4815 | 190.0 | ● | |
| XPB5000/5VX1973 | 5000 | 197.3 | ● | |
| XPB5070/5VX2000 | 5070 | 200.0 | ● | |

## XPC

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPC1900 | 1900 | ● | |
| XPC2000 | 2000 | ● | |
| XPC2120 | 2120 | ● | |
| XPC2240 | 2240 | ● | |
| XPC2360 | 2360 | ● | |
| XPC2500 | 2500 | ● | |
| XPC2650 | 2650 | ● | |
| XPC2800 | 2800 | ● | |
| XPC3000 | 3000 | ● | |
| XPC3150 | 3150 | ● | |
| XPC3350 | 3350 | ● | |
| XPC3550 | 3550 | ● | |
| XPC3750 | 3750 | ● | |
| XPC4000 | 4000 | ● | |
| XPC4250 | 4250 | ● | |
| XPC4500 | 4500 | ● | |
| XPC4750 | 4750 | ● | |
| XPC5000 | 5000 | ● | |

## SPZ-3V

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPZ487 | 487 | | ● | |
| SPZ512 | 512 | | ● | |
| SPZ560 | 560 | | ● | |
| SPZ562 | 562 | | ● | |
| SPZ587 | 587 | | ● | |
| SPZ612 | 612 | | ● | |
| SPZ615 | 615 | | ● | |
| SPZ630/3V250 | 630 | 25.0 | ● | |
| SPZ637 | 637 | | ● | |
| SPZ662 | 662 | | ● | |
| SPZ670/3V265 | 670 | 26.5 | ● | |
| SPZ687 | 687 | | ● | |
| SPZ710/3V280 | 710 | 28.0 | ● | |
| SPZ722 | 722 | | | |
| SPZ730 | 730 | | ● | |
| SPZ737 | 737 | | ● | |
| SPZ750 | 750 | | ● | |
| SPZ762/3V300 | 762 | 30.0 | ● | |
| SPZ772 | 772 | | ● | |
| SPZ775 | 775 | | ● | |
| SPZ787 | 787 | | ● | |
| SPZ800/3V315 | 800 | 31.5 | ● | |
| SPZ812 | 812 | | ● | |
| SPZ825 | 825 | | ● | |
| SPZ837 | 837 | | ● | |
| SPZ850/3V335 | 850 | 33.5 | ● | |
| SPZ862 | 862 | | ● | |
| SPZ875 | 875 | | ● | |
| SPZ887 | 887 | | ● | |
| SPZ900/3V355 | 900 | 35.5 | ● | |
| SPZ912 | 912 | | ● | |
| SPZ925 | 925 | | ● | |
| SPZ937 | 937 | | ● | |
| SPZ950/3V375 | 950 | 37.5 | ● | |
| SPZ962 | 962 | | ● | |
| SPZ975 | 975 | | ● | |
| SPZ987 | 987 | | ● | |
| SPZ1000 | 1000 | | ● | |
| SPZ1012/3V400 | 1012 | 40.0 | ● | |
| SPZ1024 | 1024 | | ● | |
| SPZ1030 | 1030 | | ● | |
| SPZ1037 | 1037 | | ● | |
| SPZ1047 | 1047 | | ● | |
| SPZ1060/3V420 | 1060 | 42.0 | ● | |
| SPZ1062 | 1062 | | ● | |
| SPZ1077/3V425 | 1077 | 42.5 | ● | |
| SPZ1087 | 1087 | | ● | |
| SPZ1090 | 1090 | | ● | |
| SPZ1112 | 1112 | | ● | |
| SPZ1120 | 1120 | | ● | |
| SPZ1137/3V450 | 1137 | 45.0 | ● | |

## SPZ-3V (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPZ1150 | 1150 | | ● | |
| SPZ1162 | 1162 | | ● | |
| SPZ1270/3V500 | 1270 | 50.0 | ● | ● |
| SPZ1180 | 1180 | | ● | |
| SPZ1187 | 1187 | | ● | |
| SPZ1202/3V475 | 1202 | 47.5 | ● | |
| SPZ1212 | 1212 | | ● | |
| SPZ1215 | 1215 | | ● | |
| SPZ1237 | 1237 | | ● | |
| SPZ1250 | 1250 | | ● | |
| SPZ1262/3V500 | 1262 | 50.0 | ● | |
| SPZ1287 | 1287 | | ● | |
| SPZ1312 | 1312 | | ● | |
| SPZ1320 | 1320 | | ● | |
| SPZ1337/3V530 | 1337 | 53.0 | ● | |
| SPZ1347 | 1347 | | ● | |
| SPZ1360 | 1360 | | ● | |
| SPZ1362 | 1362 | | ● | |
| SPZ1387 | 1387 | | ● | |
| SPZ1400 | 1400 | | ● | |
| SPZ1412/3V560 | 1412 | 56.0 | ● | |
| SPZ1420 | 1420 | | ● | ● |
| SPZ1437 | 1437 | | ● | |
| SPZ1450 | 1450 | | ● | |
| SPZ1462 | 1462 | | ● | |
| SPZ1487 | 1487 | | ● | |
| SPZ1500/3V590 | 1500 | 59.0 | ● | |
| SPZ1512/3V600 | 1512 | 60.0 | ● | |
| SPZ1520 | 1520 | | ● | ● |
| SPZ1537 | 1537 | | ● | |
| SPZ1550 | 1550 | | ● | |
| SPZ1562 | 1562 | | ● | |
| SPZ1575 | 1575 | | | |
| SPZ1587 | 1587 | | ● | |
| SPZ1600/3V630 | 1600 | 63.0 | ● | |
| SPZ1612 | 1612 | | ● | |
| SPZ1637 | 1637 | | ● | |
| SPZ1650/3V650 | 1650 | 65.0 | ● | |
| SPZ1662 | 1662 | | ● | |
| SPZ1687 | 1687 | | ● | |
| SPZ1700/3V670 | 1700 | 67.0 | ● | |
| SPZ1737 | 1737 | | ● | |
| SPZ1750 | 1750 | | ● | |
| SPZ1762 | 1762 | | ● | |
| SPZ1787 | 1787 | | ● | |
| SPZ1800/3V710 | 1800 | 71.0 | ● | |
| SPZ1812 | 1812 | | ● | |
| SPZ1837 | 1837 | | ● | |
| SPZ1850/3V730 | 1850 | 73.0 | ● | |
| SPZ1862 | 1862 | | ● | |
| SPZ1887 | 1887 | | ● | |

## SPZ-3V (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPZ1900/3V750 | 1900 | 75.0 | ● | |
| SPZ1937 | 1937 | | ● | |
| SPZ1950 | 1950 | | ● | |
| SPZ1987 | 1987 | | ● | |
| SPZ2000 | 2000 | | ● | |
| SPZ2037/3V800 | 2037 | 80.0 | ● | |
| SPZ2060/3V810 | 2060 | 81.0 | ● | |
| SPZ2120 | 2120 | | ● | |
| SPZ2137 | 2137 | | ● | |
| SPZ2150/3V850 | 2150 | 85.0 | ● | |
| SPZ2180 | 2180 | | ● | |
| SPZ2187 | 2187 | | ● | |
| SPZ2240 | 2240 | | ● | |
| SPZ2287/3V900 | 2287 | 90.0 | ● | |
| SPZ2360 | 2360 | | ● | |
| SPZ2410/3V950 | 2410 | 95.0 | ● | ● |
| SPZ2430 | 2430 | | ● | |
| SPZ2500 | 2500 | | ● | |
| SPZ2540/3V1000 | 2540 | 100.0 | ● | |
| SPZ2650 | 2650 | | ● | |
| SPZ2690/3V1060 | 2690 | 106.0 | ● | |
| SPZ2800 | 2800 | | ● | |
| SPZ2840/3V1120 | 2840 | 112.0 | ● | |
| SPZ3000/3V1180 | 3000 | 118.0 | ● | |
| SPZ3150 | 3150 | | ● | |
| SPZ3170/3V1250 | 3170 | 125.0 | ● | ● |
| SPZ3350/3V1320 | 3350 | 132.0 | ● | |
| SPZ3550/3V1400 | 3550 | 140.0 | ● | |
| SPZ3750 | 3750 | | | |

## SPA

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA732 | 732 | ● | |
| SPA757 | 757 | ● | |
| SPA782 | 782 | | |
| SPA800 | 800 | ● | |
| SPA807 | 807 | ● | |
| SPA832 | 832 | ● | |
| SPA850 | 850 | ● | |
| SPA857 | 857 | ● | |
| SPA882 | 882 | ● | |
| SPA900 | 900 | ● | |
| SPA907 | 907 | ● | |
| SPA925 | 925 | ● | |
| SPA932 | 932 | ● | |
| SPA950 | 950 | ● | |
| SPA957 | 957 | ● | |
| SPA975 | 975 | ● | |
| SPA982 | 982 | ● | |
| SPA1000 | 1000 | ● | |
| SPA1007 | 1007 | ● | |
| SPA1030 | 1030 | ● | |
| SPA1032 | 1032 | ● | |
| SPA1057 | 1057 | ● | |
| SPA1060 | 1060 | ● | |
| SPA1082 | 1082 | ● | |
| SPA1090 | 1090 | ● | |
| SPA1107 | 1107 | ● | |
| SPA1120 | 1120 | ● | |
| SPA1132 | 1132 | ● | |
| SPA1150 | 1150 | ● | |
| SPA1157 | 1157 | ● | |
| SPA1180 | 1180 | ● | |
| SPA1207 | 1207 | ● | |
| SPA1215 | 1215 | ● | |
| SPA1232 | 1232 | ● | |
| SPA1250 | 1250 | ● | |
| SPA1257 | 1257 | ● | |
| SPA1272 | 1272 | | |
| SPA1282 | 1282 | ● | |
| SPA1285 | 1285 | ● | |
| SPA1307 | 1307 | ● | |
| SPA1320 | 1320 | ● | |
| SPA1332 | 1332 | ● | |
| SPA1357 | 1357 | ● | |
| SPA1360 | 1360 | ● | |
| SPA1382 | 1382 | ● | |
| SPA1400 | 1400 | ● | |
| SPA1407 | 1407 | ● | |
| SPA1432 | 1432 | ● | |
| SPA1450 | 1450 | ● | |
| SPA1457 | 1457 | ● | |
| SPA1482 | 1482 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA1500 | 1500 | ● | |
| SPA1507 | 1507 | ● | |
| SPA1532 | 1532 | ● | |
| SPA1550 | 1550 | ● | |
| SPA1557 | 1557 | ● | |
| SPA1582 | 1582 | ● | |
| SPA1600 | 1600 | ● | |
| SPA1607 | 1607 | ● | |
| SPA1632 | 1632 | ● | |
| SPA1650 | 1650 | ● | |
| SPA1657 | 1657 | ● | |
| SPA1682 | 1682 | | |
| SPA1700 | 1700 | ● | |
| SPA1707 | 1707 | ● | |
| SPA1732 | 1732 | ● | |
| SPA1750 | 1750 | ● | |
| SPA1757 | 1757 | ● | |
| SPA1782 | 1782 | ● | |
| SPA1800 | 1800 | ● | |
| SPA1807 | 1807 | ● | |
| SPA1832 | 1832 | ● | |
| SPA1850 | 1850 | | |
| SPA1857 | 1857 | ● | |
| SPA1882 | 1882 | ● | |
| SPA1900 | 1900 | ● | |
| SPA1907 | 1907 | ● | |
| SPA1932 | 1932 | ● | |
| SPA1950 | 1950 | ● | |
| SPA1957 | 1957 | ● | |
| SPA1982 | 1982 | ● | |
| SPA2000 | 2000 | ● | |
| SPA2032 | 2032 | ● | |
| SPA2057 | 2057 | | |
| SPA2060 | 2060 | ● | |
| SPA2082 | 2082 | ● | |
| SPA2120 | 2120 | ● | |
| SPA2132 | 2132 | ● | |
| SPA2180 | 2180 | | |
| SPA2182 | 2182 | ● | |
| SPA2207 | 2207 | ● | |
| SPA2232 | 2232 | ● | |
| SPA2240 | 2240 | ● | |
| SPA2282 | 2282 | ● | |
| SPA2300 | 2300 | ● | |
| SPA2307 | 2307 | ● | |
| SPA2332 | 2332 | ● | |
| SPA2360 | 2360 | ● | |
| SPA2382 | 2382 | ● | |
| SPA2430 | 2430 | ● | |
| SPA2432 | 2432 | ● | |
| SPA2482 | 2482 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA2500 | 2500 | ● | |
| SPA2532 | 2532 | ● | |
| SPA2582 | 2582 | | |
| SPA2607 | 2607 | ● | |
| SPA2632 | 2632 | ● | |
| SPA2650 | 2650 | ● | |
| SPA2682 | 2682 | ● | |
| SPA2732 | 2732 | ● | ● |
| SPA2782 | 2782 | | |
| SPA2800 | 2800 | ● | |
| SPA2832 | 2832 | ● | |
| SPA2847 | 2847 | ● | |
| SPA2882 | 2882 | | |
| SPA2900 | 2900 | ● | |
| SPA2932 | 2932 | ● | |
| SPA2982 | 2982 | ● | |
| SPA3000 | 3000 | ● | |
| SPA3032 | 3032 | ● | |
| SPA3082 | 3082 | ● | |
| SPA3150 | 3150 | ● | |
| SPA3182 | 3182 | ● | |
| SPA3282 | 3282 | ● | |
| SPA3350 | 3350 | ● | |
| SPA3382 | 3382 | | |
| SPA3450 | 3450 | ● | |
| SPA3550 | 3550 | ● | |
| SPA3650 | 3650 | | |
| SPA3750 | 3750 | ● | |
| SPA4000 | 4000 | ● | |
| SPA4250 | 4250 | ● | |
| SPA4500 | 4500 | ● | |
| SPA5000 | 5000 | | |

## SPB-5V

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPB1250 | 1250 | | ● | |
| SPB1260/5V500 | 1260 | 50 | ● | ● |
| SPB1320 | 1320 | | ● | |
| SPB1340/5V530 | 1340 | 53 | | ● |
| SPB1360 | 1360 | | ● | |
| SPB1400 | 1400 | | ● | |
| SPB1410/5V560 | 1410 | 56 | ● | ● |
| SPB1450 | 1450 | | ● | |
| SPB1500 | 1500 | | ● | |
| SPB1510/5V600 | 1510 | 60 | ● | ● |
| SPB1550 | 1550 | | ● | |
| SPB1590/5V630 | 1590 | 63 | ● | ● |
| SPB1600 | 1600 | | ● | |
| SPB1650 | 1650 | | ● | |
| SPB1690/5V670 | 1690 | 67 | ● | ● |
| SPB1700 | 1700 | | ● | |
| SPB1750 | 1750 | | ● | |
| SPB1778 | 1778 | | | |
| SPB1790/5V710 | 1790 | 71 | ● | ● |
| SPB1800 | 1800 | | ● | |
| SPB1850 | 1850 | | ● | |
| SPB1860 | 1860 | | | |
| SPB1900/5V750 | 1900 | 75 | ● | |
| SPB1930 | 1930 | | | |
| SPB1950 | 1950 | | ● | |
| SPB2000 | 2000 | | ● | |
| SPB2020/5V800 | 2020 | 80 | ● | |
| SPB2060 | 2060 | | ● | |
| SPB2098 | 2098 | | | |
| SPB2120 | 2120 | | ● | |
| SPB2150/5V850 | 2150 | 85 | ● | |
| SPB2180 | 2180 | | ● | |
| SPB2200 | 2200 | | | |
| SPB2240 | 2240 | | ● | |
| SPB2280/5V900 | 2280 | 90 | ● | |
| SPB2300 | 2300 | | ● | |
| SPB2360/5V930 | 2360 | 93 | ● | |
| SPB2391 | 2391 | | | |
| SPB2400/5V950 | 2400 | 95 | ● | |
| SPB2430 | 2430 | | ● | |
| SPB2450 | 2450 | | ● | |
| SPB2500 | 2500 | | ● | |
| SPB2530/5V1000 | 2530 | 100 | ● | ● |
| SPB2580 | 2580 | | ● | |
| SPB2600 | 2600 | | | |
| SPB2650 | 2650 | | ● | |
| SPB2680/5V1060 | 2680 | 106 | ● | |
| SPB2720 | 2720 | | ● | |
| SPB2800 | 2800 | | ● | |
| SPB2840/5V1120 | 2840 | 112 | ● | |
| SPB2850 | 2850 | | ● | |

## SPB-5V (CONTINUED)

| Description | Datum Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| SPB2900 | 2900 | | ● | |
| SPB2980/5V1180 | 2980 | 118 | ● | ● |
| SPB3000 | 3000 | | ● | |
| SPB3070 | 3070 | | ● | |
| SPB3150 | 3150 | | ● | |
| SPB3170/5V1250 | 3170 | 125 | ● | ● |
| SPB3250 | 3250 | | ● | |
| SPB3320 | 3320 | | ● | |
| SPB3350/5V1320 | 3350 | 132 | ● | |
| SPB3450 | 3450 | | ● | |
| SPB3550/5V1400 | 3550 | 140 | ● | |
| SPB3650 | 3650 | | ● | |
| SPB3750 | 3750 | | ● | |
| SPB3800/5V1500 | 3800 | 150 | ● | |
| SPB3870 | 3870 | | ● | |
| SPB4000 | 4000 | | ● | |
| SPB4050/5V1600 | 4050 | 160 | ● | ● |
| SPB4120 | 4120 | | ● | |
| SPB4250 | 4250 | | ● | |
| SPB4310/5V1700 | 4310 | 170 | ● | ● |
| SPB4370 | 4370 | | ● | |
| SPB4500 | 4500 | | ● | |
| SPB4560/5V1800 | 4560 | 180 | ● | ● |
| SPB4750 | 4750 | | ● | |
| SPB4820/5V1900 | 4820 | 190 | ● | |
| SPB4870 | 4870 | | ● | |
| SPB5000 | 5000 | | ● | |
| SPB5070/5V2000 | 5070 | 200 | ● | ● |
| SPB5300 | 5300 | | ● | |
| SPB5370/5V2120 | 5370 | 212 | ● | ● |
| SPB5600 | 5600 | | ● | |
| SPB5680/5V2240 | 5680 | 224 | ● | ● |
| SPB5980/5V2360 | 5980 | 236 | ● | ● |
| SPB6000 | 6000 | | ● | |
| SPB6300 | 6300 | | ● | |
| SPB6340/5V2500 | 6340 | 250 | ● | ● |
| SPB6700/5V2650 | 6700 | 265 | ● | |
| SPB7100/5V2800 | 7100 | 280 | ● | |
| SPB7500 | 7500 | | ● | |
| SPB7610/5V3000 | 7610 | 300 | ● | ● |
| SPB8000/5V3150 | 8000 | 315 | ● | |
| SPB8500/5V3350 | 8500 | 335 | ● | ● |
| SPB9010/5V3550 | 9010 | 355 | ● | ● |

## SPC

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPC2000 | 2000 | ● | |
| SPC2120 | 2120 | ● | |
| SPC2240 | 2240 | ● | |
| SPC2360 | 2360 | ● | |
| SPC2500 | 2500 | ● | |
| SPC2550 | 2550 | | |
| SPC2650 | 2650 | ● | |
| SPC2800 | 2800 | ● | |
| SPC3000 | 3000 | ● | |
| SPC3150 | 3150 | ● | |
| SPC3350 | 3350 | ● | |
| SPC3550 | 3550 | ● | |
| SPC3750 | 3750 | ● | |
| SPC4000 | 4000 | ● | |
| SPC4100 | 4100 | | |
| SPC4250 | 4250 | ● | |
| SPC4500 | 4500 | ● | |
| SPC4750 | 4750 | ● | |
| SPC5000 | 5000 | ● | |
| SPC5300 | 5300 | ● | |
| SPC5600 | 5600 | ● | |
| SPC5800 | 5800 | ● | |
| 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 | | |
| SPC12000 | 12000 | | |
| SPC12500 | 12500 | ● | |
| SPC13500 | 13500 | | |
| SPC13800 | 13800 | | |
| SPC14200 | 14200 | | |
| SPC15000 | 15000 | | |
| SPC16500 | 16500 | | |

## 8V

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 8V1000 | 2540 | 100 | ● | |
| 8V1060 | 2690 | 106 | ● | |
| 8V1120 | 2845 | 112 | ● | |
| 8V1180 | 2995 | 118 | ● | |
| 8V1250 | 3175 | 125 | ● | |
| 8V1320 | 3355 | 132 | ● | |
| 8V1400 | 3555 | 140 | ● | |
| 8V1500 | 3810 | 150 | ● | |
| 8V1600 | 4065 | 160 | ● | |
| 8V1700 | 4320 | 170 | ● | |
| 8V1800 | 4570 | 180 | ● | |
| 8V1900 | 4825 | 190 | ● | |
| 8V2000 | 5080 | 200 | ● | |
| 8V2120 | 5385 | 212 | ● | |
| 8V2240 | 5690 | 224 | ● | |
| 8V2360 | 5995 | 236 | ● | |
| 8V2500 | 6350 | 250 | ● | |
| 8V2650 | 6730 | 265 | ● | |
| 8V2800 | 7110 | 280 | ● | |
| 8V3000 | 7620 | 300 | ● | |
| 8V3150 | 8000 | 315 | ● | |
| 8V3350 | 8510 | 335 | ● | |
| 8V3550 | 9015 | 355 | ● | |
| 8V3750 | 9525 | 375 | ● | |
| 8V4000 | 10160 | 400 | ● | |
| 8V4250 | 10795 | 425 | ● | |
| 8V4500 | 11430 | 450 | ● | |
| 8V4750 | 12065 | 475 | ● | |
| 8V5000 | 12700 | 500 | ● | |
| 8V5600 | 14225 | 560 | ● | |

## SPZ

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ560MN | 560 | | |
| SPZ562MN | 562 | ● | |
| SPZ612MN | 612 | ● | |
| SPZ630MN | 630 | ● | |
| SPZ637MN | 637 | | |
| SPZ662MN | 662 | | |
| SPZ670MN | 670 | | |
| SPZ687MN | 687 | | |
| SPZ710MN | 710 | ● | |
| SPZ722MN | 722 | | |
| SPZ730MN | 730 | | |
| SPZ737MN | 737 | | |
| SPZ750MN | 750 | ● | |
| SPZ760MN | 760 | | |
| SPZ762MN | 762 | ● | |
| SPZ772MN | 772 | | |
| SPZ775MN | 775 | | |
| SPZ787MN | 787 | ● | |
| SPZ800MN | 800 | ● | |
| SPZ812MN | 812 | | |
| SPZ825MN | 825 | ● | |
| SPZ837MN | 837 | | |
| SPZ850MN | 850 | ● | |
| SPZ862MN | 862 | ● | |
| SPZ875MN | 875 | ● | |
| SPZ887MN | 887 | | |
| SPZ900MN | 900 | ● | |
| SPZ912MN | 912 | | |
| SPZ925MN | 925 | ● | |
| SPZ937MN | 937 | ● | |
| SPZ950MN | 950 | ● | |
| SPZ962MN | 962 | ● | |
| SPZ975MN | 975 | ● | |
| SPZ987MN | 987 | ● | |
| SPZ1000MN | 1000 | ● | |
| SPZ1010MN | 1010 | | |
| SPZ1012MN | 1012 | | |
| SPZ1025MN | 1025 | | |
| SPZ1030MN | 1030 | | |
| SPZ1037MN | 1037 | ● | |
| SPZ1047MN | 1047 | | |
| SPZ1060MN | 1060 | ● | |
| SPZ1062MN | 1062 | | |
| SPZ1077MN | 1077 | ● | |
| SPZ1080MN | 1080 | ● | |
| SPZ1087MN | 1087 | ● | |
| SPZ1090MN | 1090 | | |
| SPZ1112MN | 1112 | ● | |
| SPZ1120MN | 1120 | ● | |
| SPZ1137MN | 1137 | ● | |
| SPZ1140MN | 1140 | ● | |

## SPZ (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ1150MN | 1150 | ● | |
| SPZ1162MN | 1162 | ● | |
| SPZ1180MN | 1180 | ● | |
| SPZ1187MN | 1187 | | |
| SPZ1200MN | 1200 | ● | |
| SPZ1202MN | 1202 | ● | |
| SPZ1212MN | 1212 | ● | |
| SPZ1237MN | 1237 | ● | |
| SPZ1250MN | 1250 | ● | |
| SPZ1262MN | 1262 | | |
| SPZ1270MN | 1270 | ● | |
| SPZ1287MN | 1287 | ● | |
| SPZ1312MN | 1312 | ● | |
| SPZ1320MN | 1320 | ● | |
| SPZ1337MN | 1337 | ● | |
| SPZ1340MN | 1340 | ● | |
| SPZ1347MN | 1347 | | |
| SPZ1362MN | 1362 | ● | |
| SPZ1387MN | 1387 | ● | |
| SPZ1400MN | 1400 | ● | |
| SPZ1412MN | 1412 | ● | |
| SPZ1420MN | 1420 | ● | |
| SPZ1437MN | 1437 | ● | |
| SPZ1450MN | 1450 | ● | |
| SPZ1462MN | 1462 | ● | |
| SPZ1487MN | 1487 | ● | |
| SPZ1500MN | 1500 | ● | |
| SPZ1512MN | 1512 | ● | |
| SPZ1520MN | 1520 | | |
| SPZ1537MN | 1537 | ● | |
| SPZ1550MN | 1550 | | |
| SPZ1562MN | 1562 | ● | |
| SPZ1587MN | 1587 | ● | |
| SPZ1600MN | 1600 | ● | |
| SPZ1612MN | 1612 | | |
| SPZ1637MN | 1637 | ● | |
| SPZ1650MN | 1650 | ● | |
| SPZ1662MN | 1662 | ● | |
| SPZ1687MN | 1687 | | |
| SPZ1700MN | 1700 | ● | |
| SPZ1737MN | 1737 | | |
| SPZ1750MN | 1750 | ● | |
| SPZ1762MN | 1762 | ● | |
| SPZ1782MN | 1782 | | |
| SPZ1787MN | 1787 | | |
| SPZ1800MN | 1800 | ● | |
| SPZ1812MN | 1812 | | |
| SPZ1837MN | 1837 | | |
| SPZ1850MN | 1850 | ● | |
| SPZ1862MN | 1862 | ● | |
| SPZ1887MN | 1887 | | |

## SPZ (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ1900MN | 1900 | ● | |
| SPZ1937MN | 1937 | ● | |
| SPZ1950MN | 1950 | ● | |
| SPZ1987MN | 1987 | ● | |
| SPZ2000MN | 2000 | ● | |
| SPZ2037MN | 2037 | ● | |
| SPZ2060MN | 2060 | ● | |
| SPZ2120MN | 2120 | ● | |
| SPZ2137MN | 2137 | ● | |
| SPZ2160MN | 2160 | | |
| SPZ2180MN | 2180 | | |
| SPZ2187MN | 2187 | | |
| SPZ2240MN | 2240 | ● | |
| SPZ2262MN | 2262 | | |
| SPZ2280MN | 2280 | | |
| SPZ2287MN | 2287 | | |
| SPZ2360MN | 2360 | | |
| SPZ2410MN | 2410 | | |
| SPZ2430MN | 2430 | | |
| SPZ2500MN | 2500 | | |
| SPZ2540MN | 2540 | | |
| SPZ2650MN | 2650 | ● | |
| SPZ2690MN | 2690 | | |
| SPZ2800MN | 2800 | | |
| SPZ2840MN | 2840 | | |
| SPZ3000MN | 3000 | | |
| SPZ3150MN | 3150 | | |
| SPZ3350MN | 3350 | | |
| SPZ3550MN | 3550 | | |

## SPA

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA732MN | 732 | | |
| SPA757MN | 757 | | |
| SPA782MN | 782 | | |
| SPA800MN | 800 | ● | |
| SPA807MN | 807 | ● | |
| SPA819MN | 819 | | |
| SPA832MN | 832 | | |
| SPA850MN | 850 | ● | |
| SPA857MN | 857 | | |
| SPA882MN | 882 | ● | |
| SPA900MN | 900 | ● | |
| SPA907MN | 907 | | |
| SPA925MN | 925 | | |
| SPA932MN | 932 | | |
| SPA950MN | 950 | ● | |
| SPA957MN | 957 | | |
| SPA975MN | 975 | ● | |
| SPA982MN | 982 | ● | |
| SPA1000MN | 1000 | ● | |
| SPA1007MN | 1007 | | |
| SPA1030MN | 1030 | ● | |
| SPA1032MN | 1032 | ● | |
| SPA1060MN | 1060 | ● | |
| SPA1082MN | 1082 | ● | |
| SPA1090MN | 1090 | ● | |
| SPA1107MN | 1107 | ● | |
| SPA1120MN | 1120 | ● | |
| SPA1132MN | 1132 | ● | |
| SPA1140MN | 1140 | | |
| SPA1150MN | 1150 | ● | |
| SPA1157MN | 1157 | ● | |
| SPA1180MN | 1180 | ● | |
| SPA1207MN | 1207 | ● | |
| SPA1215MN | 1215 | ● | |
| SPA1232MN | 1232 | ● | |
| SPA1250MN | 1250 | ● | |
| SPA1257MN | 1257 | ● | |
| SPA1272MN | 1272 | ● | |
| SPA1282MN | 1282 | ● | |
| SPA1285MN | 1285 | | |
| SPA1307MN | 1307 | ● | |
| SPA1320MN | 1320 | ● | |
| SPA1332MN | 1332 | ● | |
| SPA1357MN | 1357 | ● | |
| SPA1360MN | 1360 | ● | |
| SPA1382MN | 1382 | ● | |
| SPA1400MN | 1400 | ● | |
| SPA1407MN | 1407 | | |
| SPA1432MN | 1432 | ● | |
| SPA1450MN | 1450 | ● | |
| SPA1457MN | 1457 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA1482MN | 1482 | ● | |
| SPA1500MN | 1500 | ● | |
| SPA1507MN | 1507 | ● | |
| SPA1532MN | 1532 | ● | |
| SPA1550MN | 1550 | ● | |
| SPA1557MN | 1557 | ● | |
| SPA1582MN | 1582 | ● | |
| SPA1600MN | 1600 | ● | |
| SPA1607MN | 1607 | | |
| SPA1632MN | 1632 | ● | |
| SPA1650MN | 1650 | ● | |
| SPA1657MN | 1657 | ● | |
| SPA1682MN | 1682 | ● | |
| SPA1700MN | 1700 | ● | |
| SPA1707MN | 1707 | | |
| SPA1732MN | 1732 | ● | |
| SPA1750MN | 1750 | ● | |
| SPA1757MN | 1757 | ● | |
| SPA1782MN | 1782 | ● | |
| SPA1800MN | 1800 | ● | |
| SPA1807MN | 1807 | | |
| SPA1832MN | 1832 | ● | |
| SPA1857MN | 1857 | ● | |
| SPA1882MN | 1882 | ● | |
| SPA1900MN | 1900 | ● | |
| SPA1907MN | 1907 | | |
| SPA1932MN | 1932 | ● | |
| SPA1950MN | 1950 | ● | |
| SPA1957MN | 1957 | ● | |
| SPA1982MN | 1982 | ● | |
| SPA2000MN | 2000 | ● | |
| SPA2032MN | 2032 | ● | |
| SPA2057MN | 2057 | ● | |
| SPA2060MN | 2060 | | |
| SPA2082MN | 2082 | ● | |
| SPA2120MN | 2120 | ● | |
| SPA2132MN | 2132 | ● | |
| SPA2182MN | 2182 | ● | |
| SPA2207MN | 2207 | | |
| SPA2232MN | 2232 | | |
| SPA2240MN | 2240 | ● | |
| SPA2282MN | 2282 | ● | |
| SPA2300MN | 2300 | ● | |
| SPA2307MN | 2307 | | |
| SPA2332MN | 2332 | ● | |
| SPA2360MN | 2360 | ● | |
| SPA2382MN | 2382 | ● | |
| SPA2430MN | 2430 | ● | |
| SPA2482MN | 2482 | ● | |
| SPA2500MN | 2500 | ● | |
| SPA2532MN | 2532 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA2582MN | 2582 | ● | |
| SPA2607MN | 2607 | | |
| SPA2632MN | 2632 | | |
| SPA2650MN | 2650 | ● | |
| SPA2682MN | 2682 | | |
| SPA2732MN | 2732 | ● | |
| SPA2782MN | 2782 | | |
| SPA2800MN | 2800 | ● | |
| SPA2832MN | 2832 | | |
| SPA2847MN | 2847 | | |
| SPA2882MN | 2882 | | |
| SPA2900MN | 2900 | | |
| SPA2932MN | 2932 | | |
| SPA2982MN | 2982 | | |
| SPA3000MN | 3000 | ● | |
| SPA3150MN | 3150 | ● | |
| SPA3350MN | 3350 | | |
| SPA3550MN | 3550 | ● | |
| SPA3750MN | 3750 | | |
| SPA4000MN | 4000 | | |

## SPB

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPB1250MN | 1250 | ● | |
| SPB1260MN | 1260 | | |
| SPB1320MN | 1320 | ● | |
| SPB1340MN | 1340 | | |
| SPB1400MN | 1400 | ● | |
| SPB1410MN | 1410 | ● | |
| SPB1500MN | 1500 | ● | |
| SPB1510MN | 1510 | | |
| SPB1590MN | 1590 | ● | |
| SPB1600MN | 1600 | ● | |
| SPB1690MN | 1690 | ● | |
| SPB1700MN | 1700 | ● | |
| SPB1750MN | 1750 | ● | |
| SPB1800MN | 1800 | ● | |
| SPB1900MN | 1900 | ● | |
| SPB2000MN | 2000 | ● | |
| SPB2020MN | 2020 | ● | |
| SPB2120MN | 2120 | ● | |
| SPB2150MN | 2150 | ● | |
| SPB2240MN | 2240 | ● | |
| SPB2280MN | 2280 | ● | |
| SPB2360MN | 2360 | ● | |
| SPB2410MN | 2410 | ● | |
| SPB2500MN | 2500 | ● | |
| SPB2530MN | 2530 | ● | |
| SPB2650MN | 2650 | ● | |
| SPB2680MN | 2680 | ● | |
| SPB2800MN | 2800 | ● | |
| SPB2840MN | 2840 | ● | |
| SPB2990MN | 2990 | ● | |
| SPB3000MN | 3000 | ● | |
| SPB3150MN | 3150 | ● | |
| SPB3350MN | 3350 | ● | |
| SPB3550MN | 3550 | ● | |
| SPB3750MN | 3750 | ● | |
| SPB4000MN | 4000 | ● | |
| SPB4250MN | 4250 | | |
| SPB4500MN | 4500 | ● | |
| SPB4750MN | 4750 | ● | |

## SPC

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPC2000MN | 2000 | ● | |
| SPC2120MN | 2120 | | |
| SPC2240MN | 2240 | | |
| SPC2360MN | 2360 | | |
| SPC2500MN | 2500 | ● | |
| SPC2650MN | 2650 | ● | |
| SPC2800MN | 2800 | ● | |
| SPC3000MN | 3000 | ● | |
| SPC3150MN | 3150 | ● | |
| SPC3350MN | 3350 | ● | |
| SPC3550MN | 3550 | ● | |
| SPC3750MN | 3750 | | |
| SPC4000MN | 4000 | ● | |
| SPC4250MN | 4250 | ● | |
| SPC4500MN | 4500 | ● | |
| SPC4750MN | 4750 | | |

## AX

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| AX21 | 585 | 23 | | ● |
| AX22 | 610 | 24 | | ● |
| AX23 | 635 | 25 | | ● |
| AX24 | 661 | 26 | | ● |
| AX25 | 686 | 27 | | ● |
| AX26 | 712 | 28 | | ● |
| AX27 | 737 | 29 | | ● |
| AX28 | 762 | 30 | | ● |
| AX29 | 788 | 31 | | ● |
| AX30 | 813 | 32 | | ● |
| AX31 | 839 | 33 | | ● |
| AX32 | 864 | 34 | | ● |
| AX33 | 889 | 35 | | ● |
| AX34 | 915 | 36 | | ● |
| AX35 | 940 | 37 | | ● |
| AX36 | 966 | 38 | | ● |
| AX37 | 991 | 39 | | ● |
| AX38 | 1016 | 40 | | ● |
| AX39 | 1042 | 41 | | ● |
| AX40 | 1067 | 42 | | ● |
| AX41 | 1093 | 43 | | ● |
| AX42 | 1118 | 44 | | ● |
| AX43 | 1143 | 45 | | ● |
| AX44 | 1169 | 46 | | ● |
| AX45 | 1194 | 47 | | ● |
| AX46 | 1220 | 48 | | ● |
| AX47 | 1245 | 49 | | ● |
| AX48 | 1270 | 50 | | ● |
| AX49 | 1296 | 51 | | ● |
| AX50 | 1321 | 52 | | ● |
| AX51 | 1347 | 53 | | ● |
| AX52 | 1372 | 54 | | ● |
| AX53 | 1397 | 55 | | ● |
| AX54 | 1423 | 56 | | ● |
| AX55 | 1448 | 57 | | ● |
| AX56 | 1474 | 58 | | ● |
| AX57 | 1499 | 59 | | ● |
| AX58 | 1524 | 60 | | ● |
| AX59 | 1550 | 61 | | ● |
| AX60 | 1575 | 62 | | ● |
| AX61 | 1601 | 63 | | ● |
| AX62 | 1626 | 64 | | ● |
| AX63 | 1651 | 65 | | ● |
| AX64 | 1677 | 66 | | ● |
| AX65 | 1702 | 67 | | ● |
| AX66 | 1728 | 68 | | ● |
| AX67 | 1753 | 69 | | ● |
| AX68 | 1778 | 70 | | ● |
| AX69 | 1804 | 71 | | ● |
| AX70 | 1829 | 72 | | ● |
| AX71 | 1855 | 73 | | ● |

## AX (CONTINUED)

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| AX72 | 1880 | 74 | | ● |
| AX73 | 1905 | 75 | | ● |
| AX74 | 1931 | 76 | | ● |
| AX75 | 1956 | 77 | | ● |
| AX76 | 1982 | 78 | | ● |
| AX77 | 2007 | 79 | | ● |
| AX78 | 2032 | 80 | | ● |
| AX79 | 2058 | 81 | | ● |
| AX80 | 2083 | 82 | | ● |
| AX81 | 2109 | 83 | | ● |
| AX82 | 2134 | 84 | | ● |
| AX83 | 2159 | 85 | | ● |
| AX84 | 2185 | 86 | | ● |
| AX85 | 2210 | 87 | | ● |
| AX86 | 2236 | 88 | | ● |
| AX87 | 2261 | 89 | | ● |
| AX88 | 2286 | 90 | | ● |
| AX89 | 2312 | 91 | | ● |
| AX90 | 2337 | 92 | | ● |
| AX91 | 2363 | 93 | | ● |
| AX92 | 2388 | 94 | | ● |
| AX93 | 2413 | 95 | | ● |
| AX94 | 2439 | 96 | | ● |
| AX95 | 2464 | 97 | | ● |
| AX96 | 2490 | 98 | | ● |
| AX97 | 2515 | 99 | | ● |
| AX98 | 2540 | 100 | | ● |
| AX99 | 2566 | 101 | | ● |
| AX100 | 2591 | 102 | | ● |
| AX103 | 2667 | 105 | | ● |
| AX105 | 2718 | 107 | | ● |
| AX110 | 2845 | 112 | | ● |
| AX112 | 2896 | 114 | | ● |
| AX120 | 3099 | 122 | | ● |
| AX128 | 3302 | 130 | | ● |
| AX144 | 3709 | 146 | | ● |
| AX173 | 4445 | 175 | | ● |

## BX

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| BX21 | 610 | 24 | | ● |
| BX24 | 686 | 27 | | ● |
| BX25 | 712 | 28 | | ● |
| BX26 | 737 | 29 | | ● |
| BX27 | 762 | 30 | | ● |
| BX28 | 788 | 31 | | ● |
| BX29 | 813 | 32 | | ● |
| BX30 | 839 | 33 | | ● |
| BX31 | 864 | 34 | | ● |
| BX32 | 889 | 35 | | ● |
| BX33 | 915 | 36 | | ● |
| BX34 | 940 | 37 | | ● |
| BX35 | 966 | 38 | | ● |
| BX36 | 991 | 39 | | ● |
| BX37 | 1016 | 40 | | ● |
| BX38 | 1042 | 41 | | ● |
| BX39 | 1067 | 42 | | ● |
| BX40 | 1093 | 43 | | ● |
| BX41 | 1118 | 44 | | ● |
| BX42 | 1143 | 45 | | ● |
| BX43 | 1169 | 46 | | ● |
| BX44 | 1194 | 47 | | ● |
| BX45 | 1220 | 48 | | ● |
| BX46 | 1245 | 49 | | ● |
| BX47 | 1270 | 50 | | ● |
| BX48 | 1296 | 51 | | ● |
| BX49 | 1321 | 52 | | ● |
| BX50 | 1347 | 53 | | ● |
| BX51 | 1372 | 54 | | ● |
| BX52 | 1397 | 55 | | ● |
| BX53 | 1423 | 56 | | ● |
| BX54 | 1448 | 57 | | ● |
| BX55 | 1474 | 58 | | ● |
| BX56 | 1499 | 59 | | ● |
| BX57 | 1524 | 60 | | ● |
| BX58 | 1550 | 61 | | ● |
| BX59 | 1575 | 62 | | ● |
| BX60 | 1601 | 63 | | ● |
| BX61 | 1626 | 64 | | ● |
| BX62 | 1651 | 65 | | ● |
| BX63 | 1677 | 66 | | ● |
| BX64 | 1702 | 67 | | ● |
| BX65 | 1728 | 68 | | ● |
| BX66 | 1753 | 69 | | ● |
| BX67 | 1778 | 70 | | ● |
| BX68 | 1804 | 71 | | ● |
| BX69 | 1829 | 72 | | ● |
| BX70 | 1855 | 73 | | ● |
| BX71 | 1880 | 74 | | ● |
| BX72 | 1905 | 75 | | ● |
| BX73 | 1931 | 76 | | ● |

## BX (CONTINUED)

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| BX74 | 1956 | 77 | | ● |
| BX75 | 1982 | 78 | | ● |
| BX76 | 2007 | 79 | | ● |
| BX77 | 2032 | 80 | | ● |
| BX78 | 2058 | 81 | | ● |
| BX79 | 2083 | 82 | | ● |
| BX80 | 2109 | 83 | | ● |
| BX81 | 2134 | 84 | | ● |
| BX82 | 2159 | 85 | | ● |
| BX83 | 2185 | 86 | | ● |
| BX84 | 2210 | 87 | | ● |
| BX85 | 2236 | 88 | | ● |
| BX86 | 2261 | 89 | | ● |
| BX87 | 2286 | 90 | | ● |
| BX88 | 2312 | 91 | | ● |
| BX89 | 2337 | 92 | | ● |
| BX90 | 2363 | 93 | | ● |
| BX91 | 2388 | 94 | | ● |
| BX92 | 2413 | 95 | | ● |
| BX93 | 2439 | 96 | | ● |
| BX94 | 2464 | 97 | | ● |
| BX95 | 2490 | 98 | | ● |
| BX96 | 2515 | 99 | | ● |
| BX97 | 2540 | 100 | | ● |
| BX98 | 2566 | 101 | | ● |
| BX99 | 2591 | 102 | | ● |
| BX100 | 2617 | 103 | | ● |
| BX103 | 2693 | 106 | | ● |
| BX105 | 2744 | 108 | | ● |
| BX106 | 2769 | 109 | | ● |
| BX108 | 2820 | 111 | | ● |
| BX110 | 2871 | 113 | | ● |
| BX112 | 2921 | 115 | | ● |
| BX113 | 2947 | 116 | | ● |
| BX115 | 2998 | 118 | | ● |
| BX116 | 3023 | 119 | | ● |
| BX120 | 3125 | 123 | | ● |
| BX123 | 3201 | 126 | | ● |
| BX124 | 3226 | 127 | | ● |
| BX128 | 3328 | 131 | | ● |
| BX133 | 3455 | 136 | | ● |
| BX136 | 3531 | 139 | | ● |
| BX140 | 3633 | 143 | | ● |
| BX144 | 3734 | 147 | | ● |
| BX148 | 3836 | 151 | | ● |
| BX150 | 3887 | 153 | | ● |
| BX158 | 4090 | 161 | | ● |
| BX162 | 4191 | 165 | | ● |
| BX173 | 4471 | 176 | | ● |
| BX180 | 4649 | 183 | | ● |
| BX195 | 5030 | 198 | | ● |

## BX (CONTINUED)

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| BX205 | 5284 | 208 | | ● |
| BX210 | 5411 | 213 | | ● |
| BX225 | 5792 | 228 | | ● |
| BX240 | 6173 | 243 | | ● |
| BX255 | 6554 | 258 | | ● |
| BX259 | 6655 | 262 | | ● |
| BX270 | 6935 | 273 | | ● |
| BX285 | 7316 | 288 | | ● |
| BX300 | 7697 | 303 | | ● |
| BX330 | 8459 | 333 | | ● |
| BX360 | 9221 | 363 | | ● |

## CX

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| CX51 | 1397 | 55 | | ● |
| CX60 | 1626 | 64 | | ● |
| CX64 | 1728 | 68 | | ● |
| CX68 | 1829 | 72 | | ● |
| CX72 | 1931 | 76 | | ● |
| CX75 | 2007 | 79 | | ● |
| CX77 | 2058 | 81 | | ● |
| CX78 | 2083 | 82 | | ● |
| CX81 | 2159 | 85 | | ● |
| CX82 | 2185 | 86 | | ● |
| CX83 | 2210 | 87 | | ● |
| CX85 | 2261 | 89 | | ● |
| CX90 | 2388 | 94 | | ● |
| CX96 | 2540 | 100 | | ● |
| CX98 | 2591 | 102 | | ● |
| CX100 | 2642 | 104 | | ● |
| CX101 | 2667 | 105 | | ● |
| CX105 | 2769 | 109 | | ● |
| CX106 | 2794 | 110 | | ● |
| CX109 | 2871 | 113 | | ● |
| CX112 | 2947 | 116 | | ● |
| CX115 | 3023 | 119 | | ● |
| CX120 | 3150 | 124 | | ● |
| CX123 | 3226 | 127 | | ● |
| CX128 | 3353 | 132 | | ● |
| CX133 | 3480 | 137 | | ● |
| CX136 | 3556 | 140 | | ● |
| CX144 | 3760 | 148 | | ● |
| CX150 | 3912 | 154 | | ● |
| CX158 | 4115 | 162 | | ● |
| CX162 | 4217 | 166 | | ● |
| CX173 | 4496 | 177 | | ● |
| CX180 | 4674 | 184 | | ● |
| CX187 | 4852 | 191 | | ● |
| CX190 | 4928 | 194 | | ● |
| CX195 | 5055 | 199 | | ● |
| CX210 | 5436 | 214 | | ● |
| CX225 | 5817 | 229 | | ● |
| CX240 | 6198 | 244 | | ● |
| CX255 | 6579 | 259 | | ● |
| CX270 | 6960 | 274 | | ● |
| CX300 | 7722 | 304 | | ● |
| CX330 | 8484 | 334 | | ● |
| CX360 | 9246 | 364 | | ● |

## Z

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| Z16 | 425 | 447 | ● | |
| Z17.5 | 450 | 470 | ● | |
| Z18.5 | 475 | 495 | ● | |
| Z19 | 485 | 505 | ● | |
| Z19.5 | 500 | 520 | ● | |
| Z20 | 515 | 537 | ● | |
| Z20.5 | 530 | 550 | ● | |
| Z22 | 560 | 580 | ● | |
| Z22.5 | 575 | 595 | ● | |
| Z23.5 | 600 | 620 | ● | |
| Z24 | 610 | 630 | ● | |
| Z25 | 630 | 655 | ● | |
| Z26 | 653 | 675 | ● | |
| Z26.5 | 670 | 695 | ● | |
| Z28 | 710 | 730 | ● | |
| Z28.5 | 725 | 747 | ● | |
| Z29 | 730 | 755 | ● | |
| Z29.5 | 750 | 770 | ● | |
| Z30.5 | 775 | 795 | ● | |
| Z31 | 785 | 805 | ● | |
| Z31.5 | 800 | 820 | ● | |
| Z32.5 | 825 | 845 | ● | |
| Z33.5 | 850 | 870 | ● | |
| Z34 | 865 | 887 | ● | |
| Z34.5 | 875 | 895 | ● | |
| Z35.5 | 900 | 920 | ● | |
| Z36 | 910 | 930 | ● | |
| Z37 | 935 | 955 | ● | |
| Z37.5 | 950 | 970 | ● | |
| Z38.5 | 975 | 995 | ● | |
| Z39 | 980 | 1005 | ● | |
| Z39.5 | 1000 | 1020 | ● | |
| Z40 | 1016 | 1038 | ● | |
| Z41 | 1040 | 1063 | ● | |
| Z41.5 | 1050 | 1070 | ● | |
| Z42 | 1060 | 1080 | ● | |
| Z44 | 1120 | 1140 | ● | |
| Z45 | 1150 | 1170 | ● | |
| Z45.5 | 1160 | 1180 | ● | |
| Z46 | 1180 | 1200 | ● | |
| Z47 | 1200 | 1220 | ● | |
| Z48 | 1225 | 1245 | ● | |
| Z48.5 | 1230 | 1255 | ● | |
| Z49 | 1250 | 1270 | ● | |
| Z50 | 1275 | 1295 | ● | |
| Z51 | 1300 | 1320 | ● | |
| Z52 | 1320 | 1340 | ● | |
| Z53 | 1346 | 1368 | ● | |
| Z54 | 1371 | 1393 | ● | |
| Z55 | 1400 | 1420 | ● | |
| Z56 | 1422 | 1444 | ● | |

## Z (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| Z57 | 1450 | 1470 | ● | |
| Z58 | 1475 | 1497 | ● | |
| Z59 | 1500 | 1520 | ● | |
| Z60 | 1524 | 1546 | ● | |
| Z61 | 1550 | 1572 | ● | |
| Z62 | 1575 | 1597 | ● | |
| Z63 | 1595 | 1622 | ● | |
| Z63.5 | 1600 | 1630 | ● | |
| Z64 | 1626 | 1648 | ● | |
| Z65 | 1651 | 1673 | ● | |
| Z66 | 1675 | 1697 | ● | |
| Z67 | 1700 | 1720 | ● | |
| Z68 | 1725 | 1747 | ● | |
| Z69 | 1750 | 1772 | ● | |
| Z70 | 1775 | 1797 | ● | |
| Z71 | 1800 | 1820 | ● | |
| Z73 | 1850 | 1872 | ● | |
| Z75 | 1900 | 1920 | ● | |
| Z78 | 1975 | 1997 | ● | |
| Z79 | 2000 | 2022 | ● | |
| Z83.5 | 2120 | 2142 | ● | |
| Z88 | 2240 | 2262 | ● | |
| Z93 | 2360 | 2382 | ● | |
| Z98 | 2500 | 2522 | ● | |

## A

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A18 | 457 | 487 | ● | |
| A19 | 480 | 510 | ● | |
| A20 | 508 | 538 | ● | |
| A21 | 535 | 570 | ● | |
| A22 | 560 | 595 | ● | |
| A23 | 590 | 620 | ● | |
| A23.5 | 600 | 630 | ● | |
| A24 | 615 | 645 | ● | |
| A24.5 | 630 | 655 | ● | |
| A25 | 650 | 680 | ● | |
| A26 | 670 | 705 | ● | |
| A27 | 690 | 720 | ● | |
| A27.5 | 700 | 730 | ● | |
| A28 | 710 | 745 | ● | |
| A28.5 | 725 | 755 | ● | |
| A29.5 | 750 | 780 | ● | |
| A30 | 775 | 805 | ● | |
| A31 | 800 | 825 | ● | |
| A32 | 825 | 850 | ● | |
| A32.5 | 825 | 855 | ● | |
| A33 | 850 | 875 | ● | |
| A34 | 875 | 900 | ● | |
| A35 | 900 | 925 | ● | |
| A36 | 925 | 950 | ● | |
| A37 | 950 | 975 | ● | |
| A38 | 975 | 1000 | ● | |
| A38.5 | 975 | 1005 | ● | |
| A39 | 1000 | 1025 | ● | |
| A40 | 1030 | 1055 | ● | |
| A40.5 | 1030 | 1060 | ● | |
| A41 | 1050 | 1080 | ● | |
| A41.5 | 1060 | 1090 | ● | |
| A42 | 1075 | 1105 | ● | |
| A43 | 1100 | 1130 | ● | |
| A44 | 1125 | 1155 | ● | |
| A45 | 1150 | 1180 | ● | |
| A46 | 1180 | 1205 | ● | |
| A46.5 | 1180 | 1210 | ● | |
| A47 | 1200 | 1230 | ● | |
| A48 | 1225 | 1255 | ● | |
| A49 | 1250 | 1280 | ● | |
| A50 | 1275 | 1310 | ● | |
| A51 | 1300 | 1330 | ● | |
| A52 | 1320 | 1355 | ● | |
| A53 | 1350 | 1385 | ● | |
| A54 | 1375 | 1410 | ● | |
| A55 | 1400 | 1435 | ● | |
| A56 | 1430 | 1460 | ● | |
| A57 | 1450 | 1485 | ● | |
| A58 | 1475 | 1510 | ● | |
| A59 | 1500 | 1535 | ● | |

## A (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A60 | 1525 | 1560 | ● | |
| A61 | 1550 | 1585 | ● | |
| A62 | 1575 | 1610 | ● | |
| A63 | 1600 | 1635 | ● | |
| A64 | 1625 | 1660 | ● | |
| A65 | 1655 | 1690 | ● | |
| A66 | 1680 | 1715 | ● | |
| A67 | 1700 | 1735 | ● | |
| A68 | 1730 | 1765 | ● | |
| A69 | 1760 | 1790 | ● | |
| A70 | 1780 | 1815 | ● | |
| A71 | 1800 | 1840 | ● | |
| A72 | 1830 | 1865 | ● | |
| A73 | 1860 | 1890 | ● | |
| A74 | 1880 | 1915 | ● | |
| A75 | 1900 | 1940 | ● | |
| A76 | 1930 | 1965 | ● | |
| A77 | 1960 | 1990 | ● | |
| A78 | 1980 | 2020 | ● | |
| A79 | 2000 | 2040 | ● | |
| A80 | 2040 | 2070 | ● | |
| A81 | 2060 | 2095 | ● | |
| A82 | 2090 | 2120 | ● | |
| A83 | 2120 | 2145 | ● | |
| A83.5 | 2120 | 2150 | ● | |
| A84 | 2140 | 2170 | ● | |
| A84.5 | 2150 | 2180 | ● | |
| A85 | 2160 | 2195 | ● | |
| A86 | 2200 | 2220 | ● | |
| A87 | 2215 | 2245 | ● | |
| A88 | 2240 | 2270 | ● | |
| A89 | 2265 | 2295 | ● | |
| A90 | 2300 | 2325 | ● | |
| A91 | 2320 | 2350 | ● | |
| A92 | 2345 | 2375 | ● | |
| A93 | 2360 | 2400 | ● | |
| A94 | 2400 | 2425 | ● | |
| A95 | 2420 | 2450 | ● | |
| A96 | 2440 | 2475 | ● | |
| A97 | 2475 | 2500 | ● | |
| A98 | 2500 | 2525 | ● | |
| A100 | 2540 | 2575 | ● | |
| A102 | 2590 | 2625 | ● | |
| A104 | 2650 | 2680 | ● | |
| A105 | 2670 | 2705 | ● | |
| A107 | 2725 | 2755 | ● | |
| A108 | 2750 | 2780 | ● | |
| A110 | 2800 | 2830 | ● | |
| A112 | 2850 | 2880 | ● | |
| A114 | 2896 | 2926 | ● | |
| A116 | 2946 | 2976 | ● | |

## A (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A118 | 3000 | 3035 | ● | |
| A120 | 3050 | 3085 | ● | |
| A124 | 3150 | 3185 | ● | |
| A128 | 3250 | 3290 | ● | |
| A130 | 3310 | 3340 | ● | |
| A132 | 3350 | 3380 | ● | |
| A134 | 3410 | 3440 | ● | |
| A136 | 3455 | 3490 | ● | |
| A140 | 3550 | 3590 | ● | |
| A144 | 3660 | 3695 | ● | |
| A147 | 3750 | 3770 | ● | |
| A148 | 3750 | 3780 | ● | |
| A158 | 4000 | 4050 | ● | |
| A167 | 4250 | 4280 | ● | |
| A173 | 4400 | 4430 | ● | |
| A180 | 4575 | 4610 | ● | |
| A187 | 4750 | 4780 | ● | |
| A195 | 4915 | 4950 | | |
| A197 | 5000 | 5030 | ● | |

## B

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B25 | 650 | 695 | ● | |
| B26 | 670 | 710 | ● | |
| B27 | 695 | 735 | ● | |
| B27.5 | 710 | 745 | ● | |
| B28 | 725 | 770 | ● | |
| B29 | 750 | 795 | ● | |
| B30 | 775 | 815 | ● | |
| B31 | 800 | 845 | ● | |
| B32 | 825 | 870 | ● | |
| B32.5 | 825 | 865 | ● | |
| B33 | 850 | 895 | ● | |
| B34 | 875 | 920 | ● | |
| B35 | 900 | 940 | ● | |
| B36 | 925 | 965 | ● | |
| B37 | 950 | 990 | ● | |
| B38 | 975 | 1015 | ● | |
| B38.5 | 975 | 1015 | ● | |
| B39 | 1000 | 1040 | ● | |
| B40 | 1030 | 1065 | ● | |
| B41 | 1060 | 1095 | ● | |
| B42 | 1075 | 1120 | ● | |
| B43 | 1100 | 1145 | ● | |
| B44 | 1120 | 1170 | ● | |
| B45 | 1150 | 1195 | ● | |
| B46 | 1180 | 1220 | ● | |
| B47 | 1200 | 1245 | ● | |
| B48 | 1225 | 1270 | ● | |
| B49 | 1250 | 1295 | ● | |
| B50 | 1275 | 1320 | ● | |
| B51 | 1300 | 1345 | ● | |
| B52 | 1335 | 1370 | ● | |
| B53 | 1360 | 1395 | ● | |
| B54 | 1385 | 1425 | ● | |
| B55 | 1400 | 1450 | ● | |
| B56 | 1435 | 1475 | ● | |
| B57 | 1460 | 1500 | ● | |
| B58 | 1485 | 1525 | ● | |
| B59 | 1500 | 1550 | ● | |
| B60 | 1535 | 1575 | ● | |
| B61 | 1560 | 1600 | ● | |
| B62 | 1585 | 1625 | ● | |
| B63 | 1600 | 1650 | ● | |
| B64 | 1625 | 1675 | ● | |
| B65 | 1650 | 1700 | ● | |
| B66 | 1700 | 1730 | ● | |
| B67 | 1725 | 1755 | ● | |
| B68 | 1750 | 1780 | ● | |
| B69.5 | 1760 | 1800 | ● | |
| B69 | 1765 | 1805 | ● | |
| B70 | 1800 | 1830 | ● | |
| B71 | 1815 | 1855 | ● | |

## B (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B72 | 1850 | 1880 | ● | |
| B73 | 1865 | 1905 | ● | |
| B74 | 1900 | 1930 | ● | |
| B75 | 1915 | 1955 | ● | |
| B76 | 1950 | 1980 | ● | |
| B77 | 1970 | 2005 | ● | |
| B78 | 2000 | 2030 | ● | |
| B79 | 2020 | 2060 | ● | |
| B80 | 2040 | 2085 | ● | |
| B81 | 2060 | 2110 | ● | |
| B82 | 2100 | 2135 | ● | |
| B83 | 2120 | 2160 | ● | |
| B84 | 2145 | 2185 | ● | |
| B85 | 2160 | 2210 | ● | |
| B86 | 2200 | 2235 | ● | |
| B87 | 2220 | 2260 | ● | |
| B88 | 2240 | 2285 | ● | |
| B89 | 2270 | 2310 | ● | |
| B90 | 2300 | 2335 | ● | |
| B91 | 2325 | 2365 | ● | |
| B92 | 2360 | 2390 | ● | |
| B93 | 2375 | 2415 | ● | |
| B94 | 2400 | 2440 | ● | |
| B95 | 2425 | 2465 | ● | |
| B96 | 2450 | 2490 | ● | |
| B97 | 2475 | 2515 | ● | |
| B98 | 2500 | 2540 | ● | |
| B99 | 2525 | 2565 | ● | |
| B100 | 2540 | 2590 | ● | |
| B101 | 2565 | 2605 | ● | |
| B102 | 2600 | 2640 | ● | |
| B103 | 2625 | 2665 | ● | |
| B104 | 2650 | 2695 | ● | |
| B105 | 2680 | 2720 | ● | |
| B106 | 2700 | 2745 | ● | |
| B107 | 2718 | 2758 | ● | |
| B108 | 2755 | 2795 | ● | |
| B110 | 2800 | 2845 | ● | |
| B112 | 2850 | 2895 | ● | |
| B114 | 2900 | 2945 | ● | |
| B115 | 2921 | 2961 | ● | |
| B116 | 2950 | 3000 | ● | |
| B118 | 3000 | 3050 | ● | |
| B120 | 3060 | 3100 | ● | |
| B122 | 3100 | 3150 | ● | |
| B124 | 3150 | 3200 | ● | |
| B126 | 3200 | 3240 | ● | |
| B128 | 3250 | 3300 | ● | |
| B130 | 3310 | 3350 | ● | |
| B131 | 3350 | 3380 | ● | |
| B132 | 3350 | 3390 | ● | |

## B (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B133 | 3390 | 3430 | ● | |
| B134 | 3415 | 3455 | ● | |
| B136 | 3460 | 3505 | ● | |
| B138 | 3505 | 3545 | ● | |
| B140 | 3550 | 3610 | ● | |
| B142 | 3600 | 3640 | ● | |
| B144 | 3670 | 3710 | ● | |
| B146 | 3700 | 3740 | ● | |
| B147 | 3750 | 3785 | ● | |
| B148 | 3770 | 3810 | ● | |
| B150 | 3810 | 3850 | ● | |
| B151 | 3850 | 3890 | ● | |
| B152 | 3870 | 3910 | ● | |
| B154 | 3912 | 3952 | ● | |
| B155 | 3950 | 3990 | ● | |
| B156 | 3962 | 4002 | ● | |
| B157 | 4000 | 4040 | ● | |
| B158 | 4025 | 4065 | ● | |
| B160 | 4064 | 4104 | ● | |
| B162 | 4125 | 4165 | ● | |
| B165 | 4200 | 4240 | ● | |
| B167 | 4250 | 4295 | ● | |
| B173 | 4400 | 4445 | ● | |
| B175 | 4450 | 4495 | ● | |
| B177 | 4500 | 4545 | ● | |
| B180 | 4580 | 4625 | ● | |
| B186 | 4750 | 4775 | ● | |
| B187 | 4750 | 4790 | ● | |
| B195 | 4960 | 5005 | ● | |
| B196 | 5000 | 5030 | ● | |
| B197 | 5000 | 5040 | ● | |
| B204 | 5200 | 5235 | ● | |
| B208 | 5300 | 5335 | ● | |
| B210 | 5345 | 5385 | ● | |
| B220 | 5600 | 5640 | ● | |
| B221 | 5600 | 5625 | ● | |
| B225 | 5690 | 5730 | ● | |
| B236 | 6000 | 6040 | ● | |
| B240 | 6070 | 6110 | ● | |
| B248 | 6300 | 6340 | ● | |
| B249 | 6300 | 6340 | ● | |
| B264 | 6700 | 6740 | ● | |
| B270 | 6830 | 6870 | ● | |
| B276 | 7000 | 7040 | ● | |
| B280 | 7100 | 7140 | ● | |
| B300 | 7620 | 7635 | ● | |

## C

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C42 | 1080 | 1145 | ● | |
| C43 | 1100 | 1165 | ● | |
| C46 | 1180 | 1245 | ● | |
| C47 | 1200 | 1258 | ● | |
| C48 | 1230 | 1290 | ● | |
| C49 | 1250 | 1320 | ● | |
| C51 | 1320 | 1370 | ● | |
| C52 | 1320 | 1378 | ● | |
| C53 | 1350 | 1420 | ● | |
| C54 | 1375 | 1445 | ● | |
| C55 | 1400 | 1470 | ● | |
| C56 | 1425 | 1483 | ● | |
| C57 | 1450 | 1508 | ● | |
| C58 | 1475 | 1533 | ● | |
| C59 | 1500 | 1570 | ● | |
| C60 | 1525 | 1595 | ● | |
| C61 | 1550 | 1608 | ● | |
| C62 | 1600 | 1650 | ● | |
| C63 | 1600 | 1658 | ● | |
| C65 | 1665 | 1725 | ● | |
| C66 | 1700 | 1750 | ● | |
| C67 | 1700 | 1758 | ● | |
| C68 | 1750 | 1800 | ● | |
| C69 | 1750 | 1808 | ● | |
| C70 | 1800 | 1850 | ● | |
| C71 | 1830 | 1875 | ● | |
| C72 | 1840 | 1900 | ● | |
| C73 | 1854 | 1912 | | |
| C74 | 1900 | 1950 | ● | |
| C75 | 1920 | 1980 | ● | |
| C76 | 1930 | 1988 | ● | |
| C77 | 1956 | 2014 | ● | |
| C78 | 2000 | 2055 | ● | |
| C79 | 2000 | 2058 | ● | |
| C80 | 2032 | 2090 | ● | |
| C81 | 2070 | 2130 | ● | |
| C82 | 2100 | 2155 | ● | |
| C83 | 2120 | 2180 | ● | |
| C84 | 2134 | 2192 | ● | |
| C85 | 2170 | 2230 | ● | |
| C86 | 2184 | 2242 | ● | |
| C87 | 2210 | 2268 | ● | |
| C88 | 2240 | 2310 | ● | |
| C89 | 2261 | 2319 | ● | |
| C90 | 2300 | 2360 | ● | |
| C92 | 2360 | 2410 | ● | |
| C93 | 2375 | 2435 | ● | |
| C94 | 2388 | 2446 | ● | |
| C95 | 2425 | 2485 | ● | |
| C96 | 2460 | 2510 | ● | |
| C97 | 2475 | 2535 | ● | |

## C (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C98 | 2500 | 2560 | ● | |
| C99 | 2525 | 2590 | ● | |
| C100 | 2560 | 2615 | ● | |
| C101 | 2580 | 2640 | | |
| C102 | 2600 | 2665 | ● | |
| C104 | 2650 | 2715 | ● | |
| C105 | 2675 | 2740 | ● | |
| C106 | 2692 | 2750 | ● | |
| C108 | 2750 | 2815 | ● | |
| C110 | 2800 | 2865 | ● | |
| C112 | 2860 | 2920 | ● | |
| C114 | 2896 | 2954 | ● | |
| C115 | 2935 | 2995 | ● | |
| C116 | 2965 | 3020 | ● | |
| C117 | 2965 | 3023 | ● | |
| C118 | 3000 | 3070 | ● | |
| C120 | 3050 | 3120 | ● | |
| C122 | 3099 | 3157 | ● | |
| C124 | 3150 | 3225 | ● | |
| C125 | 3175 | 3250 | | |
| C126 | 3200 | 3258 | ● | |
| C128 | 3250 | 3325 | ● | |
| C130 | 3300 | 3375 | ● | |
| C132 | 3350 | 3425 | ● | |
| C134 | 3415 | 3475 | ● | |
| C136 | 3450 | 3525 | ● | |
| C138 | 3505 | 3563 | ● | |
| C140 | 3550 | 3630 | ● | |
| C142 | 3607 | 3665 | ● | |
| C144 | 3670 | 3730 | ● | |
| C146 | 3700 | 3758 | ● | |
| C147 | 3750 | 3805 | ● | |
| C148 | 3750 | 3808 | ● | |
| C150 | 3810 | 3868 | ● | |
| C153 | 3900 | 3960 | ● | |
| C158 | 4000 | 4085 | ● | |
| C162 | 4130 | 4190 | ● | |
| C165 | 4200 | 4265 | ● | |
| C166 | 4216 | 4274 | ● | |
| C167 | 4250 | 4308 | ● | |
| C168 | 4267 | 4325 | ● | |
| C170 | 4318 | 4376 | ● | |
| C173 | 4400 | 4465 | ● | |
| C175 | 4445 | 4503 | ● | |
| C177 | 4500 | 4570 | ● | |
| C180 | 4575 | 4645 | ● | |
| C187 | 4750 | 4808 | ● | |
| C190 | 4826 | 4884 | ● | |
| C195 | 4980 | 5025 | ● | |
| C197 | 5000 | 5058 | ● | |
| C208 | 5300 | 5355 | ● | |

## C (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C209 | 5309 | 5367 | | |
| C210 | 5340 | 5405 | ● | |
| C220 | 5600 | 5658 | ● | |
| C222 | 5600 | 5660 | ● | |
| C225 | 5675 | 5735 | ● | |
| C236 | 6000 | 6058 | ● | |
| C238 | 6000 | 6065 | ● | |
| C240 | 6050 | 6120 | ● | |
| C248 | 6250 | 6325 | | |
| C250 | 6300 | 6370 | ● | |
| C255 | 6440 | 6500 | ● | |
| C264 | 6700 | 6758 | ● | |
| C265 | 6700 | 6755 | ● | |
| C270 | 6820 | 6880 | ● | |
| C280 | 7100 | 7135 | ● | |
| C285 | 7200 | 7260 | ● | |
| C295 | 7500 | 7558 | ● | |
| C300 | 7580 | 7640 | ● | |
| C315 | 8000 | 8058 | ● | |
| C330 | 8340 | 8405 | ● | |

## D

| Description | Inside Length | Datum Length (mm) | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| D98 | 2500 | 2570 | ● | |
| D104 | 2650 | 2720 | ● | |
| D110 | 2800 | 2875 | ● | |
| D112 | 2850 | 2925 | | |
| D120 | 3050 | 3130 | ● | |
| D124 | 3150 | 3230 | ● | |
| D128 | 3250 | 3330 | ● | |
| D137 | 3480 | 3560 | ● | |
| D140 | 3550 | 3635 | ● | |
| D144 | 3660 | 3740 | ● | |
| D158 | 4000 | 4095 | ● | |
| D162 | 4115 | 4195 | ● | |
| D170 | 4320 | 4400 | ● | |
| D173 | 4400 | 4475 | ● | |
| D177 | 4500 | 4575 | ● | |
| D180 | 4570 | 4650 | ● | |
| D187 | 4750 | 4830 | ● | |
| D195 | 4955 | 5035 | ● | |
| D197 | 5000 | 5085 | ● | |
| D204 | 5180 | 5260 | ● | |
| D210 | 5335 | 5415 | ● | |
| D223 | 5600 | 5680 | ● | |
| D240 | 6035 | 6115 | ● | |
| D250 | 6300 | 6365 | ● | |
| D270 | 6800 | 6875 | ● | |
| D282 | 7100 | 7180 | ● | |
| D298 | 7500 | 7585 | ● | |
| D300 | 7555 | 7635 | ● | |
| D315 | 8007 | 8082 | | |
| D330 | 8320 | 8400 | ● | |
| D345 | 8770 | 8845 | | |
| D360 | 9080 | 9160 | ● | |
| D390 | 9910 | 9982 | | |
| D420 | 10672 | 10747 | | |
| D441 | 11207 | 11282 | | |
| D450 | 11435 | 11510 | | |
| D480 | 12197 | 12272 | | |
| D540 | 13721 | 13796 | | |
| D600 | 15246 | 15321 | | |
| D660 | 16771 | 16846 | | |

## E

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| E180 | 4656 | 4574 | | |
| E195 | 5037 | 4955 | | |
| E240 | 6180 | 6098 | | |
| E270 | 6943 | 6861 | | |
| E300 | 7705 | 7623 | | |
| E330 | 8467 | 8385 | | |
| E360 | 9230 | 9148 | | |
| E390 | 9992 | 9910 | | |
| E420 | 10754 | 10672 | | |
| E540 | 13803 | 13721 | | |
| E600 | 15328 | 15246 | | |

## Z

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| Z16DELTA | 413 | 435 | ● | |
| Z17.5DELTA | 438 | 460 | ● | |
| Z18.5DELTA | 478 | 500 | ● | |
| Z19.5DELTA | 493 | 515 | ● | |
| Z20DELTA | 508 | 530 | ● | |
| Z20.5DELTA | 521 | 543 | ● | |
| Z21DELTA | 533 | 555 | ● | |
| Z22.5DELTA | 568 | 590 | ● | |
| Z23DELTA | 578 | 600 | ● | |
| Z24DELTA | 608 | 630 | ● | |
| Z25DELTA | 635 | 657 | ● | |
| Z25.5DELTA | 648 | 670 | ● | |
| Z26.5DELTA | 668 | 690 | ● | |
| Z27DELTA | 688 | 710 | ● | |
| Z28DELTA | 703 | 725 | ● | |
| Z29DELTA | 733 | 755 | ● | |
| Z30DELTA | 765 | 787 | ● | |
| Z30.5DELTA | 778 | 800 | ● | |
| Z31DELTA | 788 | 810 | ● | |
| Z32.5DELTA | 828 | 850 | ● | |
| Z33.5DELTA | 853 | 875 | ● | |
| Z34.5DELTA | 878 | 900 | ● | |
| Z36DELTA | 913 | 935 | ● | |
| Z36.5DELTA | 928 | 950 | ● | |
| Z37.5DELTA | 948 | 970 | ● | |
| Z38.5DELTA | 978 | 1000 | ● | |
| Z39.5DELTA | 998 | 1020 | ● | |
| Z41DELTA | 1038 | 1060 | ● | |
| Z41.5DELTA | 1050 | 1072 | ● | |
| Z43DELTA | 1098 | 1120 | ● | |
| Z44DELTA | 1123 | 1145 | ● | |
| Z45DELTA | 1143 | 1165 | ● | |
| Z45.5DELTA | 1158 | 1180 | ● | |
| Z46DELTA | 1168 | 1190 | ● | |
| Z47DELTA | 1193 | 1215 | ● | |
| Z48DELTA | 1223 | 1245 | ● | |
| Z48.5DELTA | 1228 | 1250 | ● | |
| Z49DELTA | 1245 | 1267 | ● | |
| Z50DELTA | 1273 | 1295 | ● | |
| Z51DELTA | 1298 | 1320 | ● | |
| Z52DELTA | 1318 | 1340 | ● | |
| Z53DELTA | 1348 | 1370 | ● | |
| Z54DELTA | 1378 | 1400 | ● | |
| Z55DELTA | 1398 | 1420 | ● | |
| Z57DELTA | 1448 | 1470 | ● | |
| Z58DELTA | 1478 | 1500 | ● | |
| Z59DELTA | 1498 | 1520 | ● | |
| Z60DELTA | 1523 | 1545 | ● | |
| Z61DELTA | 1553 | 1575 | ● | |
| Z62DELTA | 1578 | 1600 | ● | |
| Z63DELTA | 1603 | 1625 | ● | |

## Z (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| Z65DELTA | 1653 | 1675 | ● | |
| Z66DELTA | 1678 | 1700 | ● | |
| Z67DELTA | 1703 | 1725 | ● | |
| Z69DELTA | 1753 | 1775 | ● | |
| Z70DELTA | 1778 | 1800 | ● | |
| Z71DELTA | 1803 | 1825 | ● | |

## A

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A18DELTA | 457 | 487 | ● | |
| A19DELTA | 480 | 510 | ● | |
| A20DELTA | 510 | 540 | ● | |
| A21DELTA | 530 | 560 | ● | |
| A22DELTA | 560 | 590 | ● | |
| A23DELTA | 590 | 620 | ● | |
| A23.5DELTA | 600 | 630 | ● | |
| A24DELTA | 610 | 640 | ● | |
| A25DELTA | 640 | 670 | ● | |
| A26DELTA | 670 | 700 | ● | |
| A27DELTA | 690 | 720 | ● | |
| A27.5DELTA | 700 | 730 | ● | |
| A28DELTA | 710 | 740 | ● | |
| A28.5DELTA | 720 | 750 | ● | |
| A29DELTA | 735 | 765 | ● | |
| A29.5DELTA | 750 | 780 | ● | |
| A30DELTA | 770 | 800 | ● | |
| A31DELTA | 795 | 825 | ● | |
| A32DELTA | 820 | 850 | ● | |
| A32.5DELTA | 830 | 860 | ● | |
| A33DELTA | 840 | 870 | ● | |
| A34DELTA | 870 | 900 | ● | |
| A35DELTA | 890 | 920 | ● | |
| A36DELTA | 920 | 950 | ● | |
| A37DELTA | 940 | 970 | ● | |
| A38DELTA | 960 | 990 | ● | |
| A38.5DELTA | 970 | 1000 | ● | |
| A39DELTA | 990 | 1020 | ● | |
| A40DELTA | 1010 | 1040 | ● | |
| A40.5DELTA | 1030 | 1060 | ● | |
| A41DELTA | 1040 | 1070 | ● | |
| A42DELTA | 1070 | 1100 | ● | |
| A43DELTA | 1090 | 1120 | ● | |
| A44DELTA | 1120 | 1150 | ● | |
| A45DELTA | 1150 | 1180 | ● | |
| A46DELTA | 1170 | 1200 | ● | |
| A46.5DELTA | 1180 | 1210 | ● | |
| A47DELTA | 1200 | 1230 | ● | |
| A48DELTA | 1220 | 1250 | ● | |
| A49DELTA | 1250 | 1280 | ● | |
| A50DELTA | 1270 | 1300 | ● | |
| A51DELTA | 1300 | 1330 | ● | |
| A52DELTA | 1320 | 1350 | ● | |
| A53DELTA | 1350 | 1380 | ● | |
| A54DELTA | 1370 | 1400 | ● | |
| A55DELTA | 1400 | 1430 | ● | |
| A56DELTA | 1425 | 1455 | ● | |
| A57DELTA | 1450 | 1480 | ● | |
| A58DELTA | 1470 | 1500 | ● | |
| A59DELTA | 1500 | 1530 | ● | |
| A60DELTA | 1520 | 1550 | ● | |

## A (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A61DELTA | 1550 | 1580 | ● | |
| A62DELTA | 1580 | 1610 | ● | |
| A63DELTA | 1610 | 1640 | ● | |
| A64DELTA | 1630 | 1660 | ● | |
| A65DELTA | 1660 | 1690 | ● | |
| A65.5DELTA | 1670 | 1700 | ● | |
| A66DELTA | 1680 | 1710 | ● | |
| A67DELTA | 1710 | 1740 | ● | |
| A68DELTA | 1730 | 1760 | ● | |
| A69DELTA | 1760 | 1790 | ● | |
| A69.5DELTA | 1770 | 1800 | ● | |
| A70DELTA | 1780 | 1810 | ● | |
| A71DELTA | 1810 | 1840 | ● | |
| A72DELTA | 1830 | 1860 | ● | |
| A73DELTA | 1860 | 1890 | ● | |
| A73.5DELTA | 1870 | 1900 | ● | |
| A74DELTA | 1890 | 1920 | ● | |
| A75DELTA | 1910 | 1940 | ● | |
| A76DELTA | 1930 | 1960 | ● | |
| A77DELTA | 1960 | 1990 | ● | |
| A77.5DELTA | 1970 | 2000 | ● | |
| A78DELTA | 1980 | 2010 | ● | |
| A79DELTA | 2010 | 2040 | ● | |
| A80DELTA | 2032 | 2062 | ● | |
| A81DELTA | 2060 | 2090 | ● | |
| A82DELTA | 2090 | 2120 | ● | |
| A83DELTA | 2110 | 2140 | ● | |
| A84DELTA | 2140 | 2170 | ● | |
| A85DELTA | 2170 | 2200 | ● | |
| A86DELTA | 2190 | 2220 | ● | |
| A87DELTA | 2210 | 2240 | ● | |
| A88DELTA | 2240 | 2270 | ● | |
| A89DELTA | 2270 | 2300 | ● | |
| A90DELTA | 2290 | 2320 | ● | |
| A91DELTA | 2320 | 2350 | ● | |
| A92DELTA | 2340 | 2370 | ● | |
| A93DELTA | 2370 | 2400 | ● | |
| A94DELTA | 2390 | 2420 | ● | |
| A95DELTA | 2420 | 2450 | ● | |
| A96DELTA | 2450 | 2480 | ● | |
| A97DELTA | 2470 | 2500 | ● | |
| A98DELTA | 2500 | 2530 | ● | |
| A99DELTA | 2520 | 2550 | | |
| A100DELTA | 2540 | 2570 | ● | |
| A102DELTA | 2590 | 2620 | ● | |
| A103DELTA | 2620 | 2650 | ● | |
| A104DELTA | 2650 | 2680 | ● | |
| A105DELTA | 2670 | 2700 | ● | |
| A107DELTA | 2720 | 2750 | ● | |
| A108DELTA | 2745 | 2775 | ● | |
| A109DELTA | 2770 | 2800 | ● | |

## A (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| A110DELTA | 2800 | 2830 | ● | |
| A112DELTA | 2850 | 2880 | ● | |
| A114DELTA | 2896 | 2926 | ● | |
| A115DELTA | 2930 | 2960 | ● | |
| A116DELTA | 2950 | 2980 | ● | |
| A118DELTA | 3000 | 3030 | ● | |
| A120DELTA | 3050 | 3080 | ● | |
| A123DELTA | 3120 | 3150 | ● | |
| A124DELTA | 3150 | 3180 | ● | |
| A128DELTA | 3250 | 3280 | ● | |
| A130DELTA | 3305 | 3335 | ● | |
| A132DELTA | 3350 | 3380 | ● | |
| A136DELTA | 3455 | 3485 | ● | |
| A140DELTA | 3555 | 3585 | ● | |
| A144DELTA | 3660 | 3690 | ● | |
| A148DELTA | 3750 | 3780 | ● | |
| A158DELTA | 4015 | 4045 | ● | |
| A167DELTA | 4245 | 4275 | ● | |
| A187DELTA | 4750 | 4780 | ● | |
| A197DELTA | 5000 | 5030 | ● | |

## B

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B26DELTA | 660 | 700 | ● | |
| B27DELTA | 690 | 730 | ● | |
| B28DELTA | 710 | 750 | ● | |
| B29DELTA | 730 | 770 | ● | |
| B30DELTA | 760 | 800 | ● | |
| B31DELTA | 790 | 830 | ● | |
| B32DELTA | 820 | 860 | ● | |
| B33DELTA | 840 | 880 | ● | |
| B33.5DELTA | 850 | 890 | ● | |
| B35DELTA | 890 | 930 | ● | |
| B35.5DELTA | 905 | 945 | ● | |
| B36DELTA | 920 | 960 | ● | |
| B36.5DELTA | 930 | 970 | ● | |
| B37DELTA | 950 | 990 | ● | |
| B37.5DELTA | 960 | 1000 | ● | |
| B38DELTA | 970 | 1010 | ● | |
| B38.5DELTA | 980 | 1020 | ● | |
| B39DELTA | 990 | 1030 | ● | |
| B40DELTA | 1020 | 1060 | ● | |
| B41DELTA | 1040 | 1080 | ● | |
| B41.5DELTA | 1060 | 1100 | ● | |
| B42DELTA | 1070 | 1110 | ● | |
| B42.5DELTA | 1080 | 1120 | ● | |
| B43DELTA | 1090 | 1130 | ● | |
| B43.5DELTA | 1105 | 1145 | ● | |
| B44DELTA | 1120 | 1160 | ● | |
| B45DELTA | 1150 | 1190 | ● | |
| B46DELTA | 1170 | 1210 | ● | |
| B47DELTA | 1200 | 1240 | ● | |
| B47.5DELTA | 1210 | 1250 | ● | |
| B48DELTA | 1220 | 1260 | ● | |
| B49DELTA | 1250 | 1290 | ● | |
| B50DELTA | 1280 | 1320 | ● | |
| B51DELTA | 1300 | 1340 | ● | |
| B52DELTA | 1330 | 1370 | ● | |
| B53DELTA | 1350 | 1390 | ● | |
| B54DELTA | 1370 | 1410 | ● | |
| B55DELTA | 1400 | 1440 | ● | |
| B56DELTA | 1420 | 1460 | ● | |
| B57DELTA | 1450 | 1490 | ● | |
| B57.5DELTA | 1460 | 1500 | ● | |
| B58DELTA | 1470 | 1510 | ● | |
| B59DELTA | 1500 | 1540 | ● | |
| B60DELTA | 1520 | 1560 | ● | |
| B61DELTA | 1550 | 1590 | ● | |
| B61.5DELTA | 1560 | 1600 | ● | |
| B62DELTA | 1580 | 1620 | ● | |
| B63DELTA | 1600 | 1640 | ● | |
| B64DELTA | 1630 | 1670 | ● | |
| B65DELTA | 1660 | 1700 | ● | |
| B66DELTA | 1680 | 1720 | ● | |

## B (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B67DELTA | 1700 | 1740 | ● | |
| B68DELTA | 1730 | 1770 | ● | |
| B69DELTA | 1760 | 1800 | ● | |
| B70DELTA | 1780 | 1820 | ● | |
| B71DELTA | 1810 | 1850 | ● | |
| B72DELTA | 1830 | 1870 | ● | |
| B73DELTA | 1860 | 1900 | ● | |
| B74DELTA | 1880 | 1920 | ● | |
| B75DELTA | 1910 | 1950 | ● | |
| B76DELTA | 1930 | 1970 | ● | |
| B77DELTA | 1960 | 2000 | ● | |
| B78DELTA | 1980 | 2020 | ● | |
| B79DELTA | 2010 | 2050 | ● | |
| B80DELTA | 2030 | 2070 | ● | |
| B81DELTA | 2060 | 2100 | ● | |
| B81.5DELTA | 2080 | 2120 | ● | |
| B82DELTA | 2090 | 2130 | ● | |
| B83DELTA | 2110 | 2150 | ● | |
| B84DELTA | 2140 | 2180 | ● | |
| B85DELTA | 2160 | 2200 | ● | |
| B86DELTA | 2190 | 2230 | ● | |
| B86.5DELTA | 2200 | 2240 | ● | |
| B87DELTA | 2210 | 2250 | ● | |
| B88DELTA | 2240 | 2280 | ● | |
| B89DELTA | 2260 | 2300 | ● | |
| B90DELTA | 2290 | 2330 | ● | |
| B91DELTA | 2310 | 2350 | ● | |
| B92DELTA | 2340 | 2380 | ● | |
| B93DELTA | 2360 | 2400 | ● | |
| B94DELTA | 2380 | 2420 | ● | |
| B95DELTA | 2410 | 2450 | ● | |
| B96DELTA | 2440 | 2480 | ● | |
| B97DELTA | 2460 | 2500 | ● | |
| B98DELTA | 2490 | 2530 | ● | |
| B99DELTA | 2520 | 2560 | ● | |
| B100DELTA | 2540 | 2580 | ● | |
| B101DELTA | 2570 | 2610 | ● | |
| B102DELTA | 2590 | 2630 | ● | |
| B103DELTA | 2610 | 2650 | ● | |
| B104DELTA | 2640 | 2680 | ● | |
| B105DELTA | 2660 | 2700 | ● | |
| B106DELTA | 2700 | 2740 | ● | |
| B107DELTA | 2725 | 2765 | | |
| B108DELTA | 2750 | 2790 | ● | |
| B108.5DELTA | 2760 | 2800 | ● | |
| B110DELTA | 2800 | 2840 | ● | |
| B112DELTA | 2850 | 2890 | ● | |
| B114DELTA | 2900 | 2940 | ● | |
| B115DELTA | 2925 | 2965 | ● | |
| B116DELTA | 2950 | 2990 | ● | |
| B116.5DELTA | 2960 | 3000 | ● | |

## B (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B118DELTA | 3000 | 3040 | ● | |
| B120DELTA | 3050 | 3090 | ● | |
| B122.5DELTA | 3110 | 3150 | ● | |
| B124DELTA | 3150 | 3190 | ● | |
| B126DELTA | 3200 | 3240 | ● | |
| B128DELTA | 3250 | 3290 | ● | |
| B130DELTA | 3310 | 3350 | ● | |
| B132DELTA | 3360 | 3400 | ● | |
| B134DELTA | 3410 | 3450 | ● | |
| B136DELTA | 3460 | 3500 | ● | |
| B138DELTA | 3510 | 3550 | ● | |
| B140DELTA | 3560 | 3600 | ● | |
| B141DELTA | 3585 | 3625 | | |
| B142DELTA | 3610 | 3650 | | |
| B144DELTA | 3660 | 3700 | ● | |
| B146DELTA | 3710 | 3750 | ● | |
| B147DELTA | 3740 | 3780 | ● | |
| B148DELTA | 3760 | 3800 | ● | |
| B152DELTA | 3860 | 3900 | ● | |
| B154DELTA | 3910 | 3950 | ● | |
| B158DELTA | 4020 | 4060 | ● | |
| B160DELTA | 4070 | 4110 | | |
| B162DELTA | 4120 | 4160 | ● | |
| B167DELTA | 4240 | 4280 | ● | |
| B173DELTA | 4400 | 4440 | ● | |
| B175DELTA | 4450 | 4490 | ● | |
| B180DELTA | 4570 | 4610 | ● | |
| B187DELTA | 4750 | 4790 | ● | |
| B192DELTA | 4880 | 4920 | ● | |
| B195DELTA | 4960 | 5000 | ● | |
| B208DELTA | 5280 | 5320 | | |
| B210DELTA | 5330 | 5370 | ● | |
| B240DELTA | 6100 | 6140 | ● | |
| B248DELTA | 6300 | 6340 | ● | |
| B270DELTA | 6860 | 6900 | ● | |
| B280DELTA | 7110 | 7150 | ● | |

## C

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C43DELTA | 1092 | 1150 | ● | |
| C47DELTA | 1192 | 1250 | ● | |
| C48DELTA | 1222 | 1280 | ● | |
| C49DELTA | 1242 | 1300 | ● | |
| C51DELTA | 1292 | 1350 | ● | |
| C52DELTA | 1320 | 1378 | ● | |
| C53DELTA | 1342 | 1400 | ● | |
| C55DELTA | 1392 | 1450 | ● | |
| C56DELTA | 1422 | 1480 | ● | |
| C57DELTA | 1442 | 1500 | ● | |
| C58DELTA | 1472 | 1530 | ● | |
| C59DELTA | 1502 | 1560 | ● | |
| C60DELTA | 1522 | 1580 | ● | |
| C61DELTA | 1542 | 1600 | ● | |
| C62DELTA | 1572 | 1630 | ● | |
| C63DELTA | 1592 | 1650 | ● | |
| C65DELTA | 1642 | 1700 | | |
| C66DELTA | 1672 | 1730 | ● | |
| C67DELTA | 1702 | 1760 | ● | |
| C68DELTA | 1727 | 1785 | ● | |
| C69DELTA | 1752 | 1810 | ● | |
| C70DELTA | 1772 | 1830 | ● | |
| C71DELTA | 1802 | 1860 | ● | |
| C72DELTA | 1829 | 1887 | ● | |
| C72.5DELTA | 1842 | 1900 | ● | |
| C75DELTA | 1907 | 1965 | ● | |
| C76DELTA | 1932 | 1990 | ● | |
| C77DELTA | 1952 | 2010 | ● | |
| C78DELTA | 1982 | 2040 | ● | |
| C80DELTA | 2032 | 2090 | ● | |
| C81DELTA | 2052 | 2110 | ● | |
| C82DELTA | 2082 | 2140 | ● | |
| C83DELTA | 2102 | 2160 | ● | |
| C84DELTA | 2132 | 2190 | ● | |
| C85DELTA | 2162 | 2220 | ● | |
| C86DELTA | 2182 | 2240 | ● | |
| C88DELTA | 2232 | 2290 | ● | |
| C89DELTA | 2262 | 2320 | ● | |
| C90DELTA | 2282 | 2340 | ● | |
| C93DELTA | 2362 | 2420 | ● | |
| C94DELTA | 2382 | 2440 | ● | |
| C95DELTA | 2412 | 2470 | ● | |
| C96DELTA | 2432 | 2490 | ● | |
| C97DELTA | 2462 | 2520 | ● | |
| C98DELTA | 2492 | 2550 | ● | |
| C99DELTA | 2512 | 2570 | ● | |
| C100DELTA | 2542 | 2600 | ● | |
| C101DELTA | 2562 | 2620 | ● | |
| C102DELTA | 2592 | 2650 | ● | |
| C103DELTA | 2617 | 2675 | | |
| C104DELTA | 2642 | 2700 | ● | |

## C (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C105DELTA | 2662 | 2720 | ● | |
| C106DELTA | 2692 | 2750 | ● | |
| C108DELTA | 2742 | 2800 | ● | |
| C110DELTA | 2792 | 2850 | ● | |
| C111DELTA | 2817 | 2875 | | |
| C112DELTA | 2842 | 2900 | ● | |
| C114DELTA | 2892 | 2950 | ● | |
| C115DELTA | 2922 | 2980 | ● | |
| C116DELTA | 2942 | 3000 | ● | |
| C117DELTA | 2967 | 3025 | | |
| C118DELTA | 2992 | 3050 | ● | |
| C120DELTA | 3042 | 3100 | ● | |
| C122DELTA | 3092 | 3150 | ● | |
| C124DELTA | 3152 | 3210 | ● | |
| C125DELTA | 3177 | 3235 | | |
| C128DELTA | 3252 | 3310 | ● | |
| C130DELTA | 3302 | 3360 | ● | |
| C132DELTA | 3352 | 3410 | ● | |
| C134DELTA | 3402 | 3460 | ● | |
| C136DELTA | 3462 | 3520 | ● | |
| C140DELTA | 3552 | 3610 | ● | |
| C144DELTA | 3652 | 3710 | ● | |
| C148DELTA | 3762 | 3820 | ● | |
| C153DELTA | 3887 | 3945 | ● | |
| C158DELTA | 4002 | 4060 | ● | |
| C162DELTA | 4112 | 4170 | ● | |
| C165DELTA | 4192 | 4250 | ● | |
| C167DELTA | 4242 | 4300 | ● | |
| C170DELTA | 4318 | 4376 | ● | |
| C173DELTA | 4392 | 4450 | ● | |
| C174DELTA | 4417 | 4475 | | |
| C175DELTA | 4442 | 4500 | ● | |
| C177DELTA | 4502 | 4560 | ● | |
| C180DELTA | 4572 | 4630 | ● | |
| C184DELTA | 4672 | 4730 | | |
| C185DELTA | 4702 | 4760 | | |
| C187DELTA | 4752 | 4810 | ● | |
| C190DELTA | 4822 | 4880 | ● | |
| C195DELTA | 4952 | 5010 | ● | |
| C197DELTA | 5002 | 5060 | ● | |
| C200DELTA | 5082 | 5140 | | |
| C204DELTA | 5182 | 5240 | ● | |
| C208DELTA | 5282 | 5340 | ● | |
| C210DELTA | 5334 | 5392 | ● | |
| C220DELTA | 5592 | 5650 | | |
| C221DELTA | 5617 | 5675 | | |
| C222DELTA | 5642 | 5700 | ● | |
| C225DELTA | 5712 | 5770 | ● | |
| C230DELTA | 5842 | 5900 | | |
| C238DELTA | 6042 | 6100 | ● | |
| C240DELTA | 6092 | 6150 | ● | |

## C (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C245DELTA | 6222 | 6280 | | |
| C250DELTA | 6352 | 6410 | ● | |
| C255DELTA | 6477 | 6535 | | |
| C260DELTA | 6602 | 6660 | | |
| C265DELTA | 6732 | 6790 | ● | |
| C270DELTA | 6852 | 6910 | ● | |
| C275DELTA | 6982 | 7040 | | |
| C280DELTA | 7112 | 7170 | ● | |
| C285DELTA | 7242 | 7300 | | |
| C300DELTA | 7622 | 7680 | | |
| C305DELTA | 7747 | 7805 | | |
| C317DELTA | 8052 | 8110 | | |
| C324DELTA | 8232 | 8290 | | |
| C327DELTA | 8307 | 8365 | | |
| C336DELTA | 8532 | 8590 | | |

## D

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| D79DELTA | 2000 | 2075 | ● | |
| D91DELTA | 2300 | 2375 | ● | |
| D93DELTA | 2360 | 2435 | ● | |
| D96DELTA | 2440 | 2515 | ● | |
| D98DELTA | 2500 | 2575 | ● | |
| D104DELTA | 2650 | 2725 | ● | |
| D110DELTA | 2800 | 2875 | ● | |
| D118DELTA | 3000 | 3075 | ● | |
| D120DELTA | 3050 | 3125 | ● | |
| D124DELTA | 3150 | 3225 | ● | |
| D126DELTA | 3200 | 3275 | | |
| D128DELTA | 3250 | 3325 | ● | |
| D132DELTA | 3350 | 3425 | ● | |
| D136DELTA | 3450 | 3525 | ● | |
| D140DELTA | 3550 | 3625 | ● | |
| D144DELTA | 3660 | 3735 | ● | |
| D148DELTA | 3750 | 3825 | ● | |
| D154DELTA | 3925 | 4000 | ● | |
| D156DELTA | 3960 | 4035 | | |
| D158DELTA | 4000 | 4075 | ● | |
| D162DELTA | 4115 | 4190 | ● | |
| D163DELTA | 4140 | 4215 | | |
| D167DELTA | 4250 | 4325 | ● | |
| D173DELTA | 4395 | 4470 | ● | |
| D177DELTA | 4500 | 4575 | ● | |
| D180DELTA | 4570 | 4645 | ● | |
| D181DELTA | 4595 | 4670 | ● | |
| D187DELTA | 4750 | 4825 | ● | |
| D195DELTA | 4953 | 5028 | ● | |
| D197DELTA | 5000 | 5075 | ● | |
| D208DELTA | 5300 | 5375 | ● | |
| D210DELTA | 5335 | 5410 | ● | |
| D220DELTA | 5600 | 5675 | ● | |
| D225DELTA | 5715 | 5790 | ● | |
| D233DELTA | 5925 | 6000 | ● | |
| D236DELTA | 6000 | 6075 | ● | |
| D240DELTA | 6100 | 6175 | ● | |
| D248DELTA | 6300 | 6375 | ● | |
| D250DELTA | 6350 | 6425 | ● | |
| D255DELTA | 6480 | 6555 | ● | |
| D264DELTA | 6700 | 6775 | ● | |
| D270DELTA | 6860 | 6935 | ● | |
| D280DELTA | 7110 | 7185 | ● | |
| D285DELTA | 7240 | 7315 | ● | |
| D295DELTA | 7500 | 7575 | ● | |
| D300DELTA | 7620 | 7695 | ● | |
| D315DELTA | 8000 | 8075 | ● | |
| D330DELTA | 8382 | 8457 | ● | |
| D335DELTA | 8500 | 8575 | ● | |
| D345DELTA | 8765 | 8840 | ● | |
| D354DELTA | 9000 | 9075 | ● | |

## D (CONTINUED)

| Description | Inside Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| D360DELTA | 9145 | 9220 | ● | |
| D374DELTA | 9500 | 9575 | ● | |
| D390DELTA | 9900 | 9975 | ● | |
| D394DELTA | 10000 | 10075 | ● | |
| D418DELTA | 10615 | 10690 | ● | |
| D441DELTA | 11200 | 11275 | ● | |
| D478DELTA | 12140 | 12215 | ● | |
| D492DELTA | 12500 | 12575 | ● | |
| D540DELTA | 13715 | 13790 | ● | |
| D600DELTA | 15240 | 15315 | ● | |

## SPZ

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ562DELTA | 562 | ● | |
| SPZ587DELTA | 587 | ● | |
| SPZ600DELTA | 600 | | |
| SPZ612DELTA | 612 | ● | |
| SPZ630DELTA | 630 | ● | |
| SPZ637DELTA | 637 | ● | |
| SPZ662DELTA | 662 | ● | |
| SPZ670DELTA | 670 | ● | |
| SPZ687DELTA | 687 | ● | |
| SPZ710DELTA | 710 | ● | |
| SPZ722DELTA | 722 | ● | |
| SPZ737DELTA | 737 | ● | |
| SPZ750DELTA | 750 | ● | |
| SPZ762DELTA | 762 | ● | |
| SPZ772DELTA | 772 | ● | |
| SPZ787DELTA | 787 | ● | |
| SPZ800DELTA | 800 | ● | |
| SPZ812DELTA | 812 | ● | |
| SPZ825DELTA | 825 | ● | |
| SPZ837DELTA | 837 | ● | |
| SPZ850DELTA | 850 | ● | |
| SPZ862DELTA | 862 | ● | |
| SPZ875DELTA | 875 | ● | |
| SPZ887DELTA | 887 | ● | |
| SPZ900DELTA | 900 | ● | |
| SPZ912DELTA | 912 | ● | |
| SPZ925DELTA | 925 | ● | |
| SPZ937DELTA | 937 | ● | |
| SPZ950DELTA | 950 | ● | |
| SPZ962DELTA | 962 | ● | |
| SPZ975DELTA | 975 | ● | |
| SPZ987DELTA | 987 | ● | |
| SPZ1000DELTA | 1000 | ● | |
| SPZ1010DELTA | 1010 | | |
| SPZ1012DELTA | 1012 | ● | |
| SPZ1024DELTA | 1024 | ● | |
| SPZ1030DELTA | 1030 | ● | |
| SPZ1037DELTA | 1037 | ● | |
| SPZ1047DELTA | 1047 | ● | |
| SPZ1060DELTA | 1060 | ● | |
| SPZ1077DELTA | 1077 | ● | |
| SPZ1087DELTA | 1087 | ● | |
| SPZ1112DELTA | 1112 | ● | |
| SPZ1120DELTA | 1120 | ● | |
| SPZ1137DELTA | 1137 | ● | |
| SPZ1150DELTA | 1150 | | |
| SPZ1162DELTA | 1162 | ● | |
| SPZ1180DELTA | 1180 | ● | |
| SPZ1187DELTA | 1187 | ● | |
| SPZ1202DELTA | 1202 | ● | |
| SPZ1212DELTA | 1212 | ● | |

## SPZ (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ1237DELTA | 1237 | ● | |
| SPZ1250DELTA | 1250 | ● | |
| SPZ1262DELTA | 1262 | ● | |
| SPZ1270DELTA | 1270 | | |
| SPZ1287DELTA | 1287 | ● | |
| SPZ1300DELTA | 1300 | | |
| SPZ1312DELTA | 1312 | ● | |
| SPZ1320DELTA | 1320 | ● | |
| SPZ1337DELTA | 1337 | ● | |
| SPZ1347DELTA | 1347 | ● | |
| SPZ1362DELTA | 1362 | ● | |
| SPZ1387DELTA | 1387 | ● | |
| SPZ1400DELTA | 1400 | ● | |
| SPZ1412DELTA | 1412 | ● | |
| SPZ1420DELTA | 1420 | | |
| SPZ1437DELTA | 1437 | ● | |
| SPZ1450DELTA | 1450 | ● | |
| SPZ1462DELTA | 1462 | ● | |
| SPZ1487DELTA | 1487 | ● | |
| SPZ1500DELTA | 1500 | ● | |
| SPZ1512DELTA | 1512 | ● | |
| SPZ1520DELTA | 1520 | | |
| SPZ1537DELTA | 1537 | ● | |
| SPZ1550DELTA | 1550 | ● | |
| SPZ1562DELTA | 1562 | ● | |
| SPZ1587DELTA | 1587 | ● | |
| SPZ1600DELTA | 1600 | ● | |
| SPZ1612DELTA | 1612 | ● | |
| SPZ1620DELTA | 1620 | | |
| SPZ1637DELTA | 1637 | ● | |
| SPZ1650DELTA | 1650 | ● | |
| SPZ1662DELTA | 1662 | ● | |
| SPZ1687DELTA | 1687 | ● | |
| SPZ1700DELTA | 1700 | ● | |
| SPZ1737DELTA | 1737 | ● | |
| SPZ1750DELTA | 1750 | ● | |
| SPZ1762DELTA | 1762 | ● | |
| SPZ1787DELTA | 1787 | ● | |
| SPZ1800DELTA | 1800 | ● | |
| SPZ1812DELTA | 1812 | ● | |
| SPZ1837DELTA | 1837 | ● | |
| SPZ1850DELTA | 1850 | ● | |
| SPZ1862DELTA | 1862 | ● | |
| SPZ1887DELTA | 1887 | ● | |
| SPZ1900DELTA | 1900 | ● | |
| SPZ1937DELTA | 1937 | ● | |
| SPZ1950DELTA | 1950 | ● | |
| SPZ1987DELTA | 1987 | ● | |
| SPZ2000DELTA | 2000 | ● | |
| SPZ2030DELTA | 2030 | | |
| SPZ2037DELTA | 2037 | ● | |

## SPZ (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPZ2060DELTA | 2060 | ● | |
| SPZ2120DELTA | 2120 | ● | |
| SPZ2137DELTA | 2137 | ● | |
| SPZ2180DELTA | 2180 | ● | |
| SPZ2187DELTA | 2187 | ● | |
| SPZ2240DELTA | 2240 | ● | |
| SPZ2287DELTA | 2287 | ● | |
| SPZ2300DELTA | 2300 | | |
| SPZ2360DELTA | 2360 | ● | |
| SPZ2437DELTA | 2437 | | |
| SPZ2500DELTA | 2500 | ● | |
| SPZ2650DELTA | 2650 | ● | |
| SPZ2800DELTA | 2800 | ● | |
| SPZ3000DELTA | 3000 | ● | |
| SPZ3150DELTA | 3150 | ● | |
| SPZ3350DELTA | 3350 | ● | |
| SPZ3550DELTA | 3550 | ● | |

## SPA

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA732DELTA | 732 | ● | |
| SPA757DELTA | 757 | ● | |
| SPA782DELTA | 782 | ● | |
| SPA800DELTA | 800 | ● | |
| SPA825DELTA | 825 | ● | |
| SPA832DELTA | 832 | ● | |
| SPA850DELTA | 850 | ● | |
| SPA857DELTA | 857 | ● | |
| SPA875DELTA | 875 | ● | |
| SPA900DELTA | 900 | ● | |
| SPA932DELTA | 932 | ● | |
| SPA950DELTA | 950 | ● | |
| SPA975DELTA | 975 | ● | |
| SPA1000DELTA | 1000 | ● | |
| SPA1007DELTA | 1007 | ● | |
| SPA1030DELTA | 1030 | ● | |
| SPA1032DELTA | 1032 | ● | |
| SPA1050DELTA | 1050 | | |
| SPA1057DELTA | 1057 | ● | |
| SPA1060DELTA | 1060 | | |
| SPA1082DELTA | 1082 | ● | |
| SPA1100DELTA | 1100 | | |
| SPA1107DELTA | 1107 | ● | |
| SPA1120DELTA | 1120 | ● | |
| SPA1132DELTA | 1132 | ● | |
| SPA1150DELTA | 1150 | ● | |
| SPA1157DELTA | 1157 | ● | |
| SPA1162DELTA | 1162 | | |
| SPA1180DELTA | 1180 | ● | |
| SPA1187DELTA | 1187 | | |
| SPA1200DELTA | 1200 | | |
| SPA1207DELTA | 1207 | ● | |
| SPA1220DELTA | 1220 | | |
| SPA1232DELTA | 1232 | ● | |
| SPA1250DELTA | 1250 | ● | |
| SPA1257DELTA | 1257 | ● | |
| SPA1272DELTA | 1272 | ● | |
| SPA1285DELTA | 1285 | ● | |
| SPA1287DELTA | 1287 | | |
| SPA1300DELTA | 1300 | | |
| SPA1307DELTA | 1307 | ● | |
| SPA1320DELTA | 1320 | ● | |
| SPA1332DELTA | 1332 | ● | |
| SPA1357DELTA | 1357 | ● | |
| SPA1360DELTA | 1360 | ● | |
| SPA1382DELTA | 1382 | ● | |
| SPA1400DELTA | 1400 | ● | |
| SPA1407DELTA | 1407 | ● | |
| SPA1425DELTA | 1425 | ● | |
| SPA1432DELTA | 1432 | ● | |
| SPA1450DELTA | 1450 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA1482DELTA | 1482 | ● | |
| SPA1500DELTA | 1500 | ● | |
| SPA1520DELTA | 1520 | | |
| SPA1532DELTA | 1532 | ● | |
| SPA1550DELTA | 1550 | ● | |
| SPA1557DELTA | 1557 | | |
| SPA1582DELTA | 1582 | ● | |
| SPA1600DELTA | 1600 | ● | |
| SPA1620DELTA | 1620 | | |
| SPA1632DELTA | 1632 | ● | |
| SPA1637DELTA | 1637 | | |
| SPA1650DELTA | 1650 | ● | |
| SPA1675DELTA | 1675 | | |
| SPA1682DELTA | 1682 | ● | |
| SPA1700DELTA | 1700 | ● | |
| SPA1707DELTA | 1707 | ● | |
| SPA1732DELTA | 1732 | ● | |
| SPA1757DELTA | 1757 | ● | |
| SPA1782DELTA | 1782 | ● | |
| SPA1787DELTA | 1787 | | |
| SPA1800DELTA | 1800 | ● | |
| SPA1832DELTA | 1832 | ● | |
| SPA1837DELTA | 1837 | | |
| SPA1857DELTA | 1857 | ● | |
| SPA1882DELTA | 1882 | ● | |
| SPA1900DELTA | 1900 | ● | |
| SPA1932DELTA | 1932 | ● | |
| SPA1957DELTA | 1957 | ● | |
| SPA1982DELTA | 1982 | ● | |
| SPA2000DELTA | 2000 | ● | |
| SPA2032DELTA | 2032 | ● | |
| SPA2057DELTA | 2057 | ● | |
| SPA2060DELTA | 2060 | ● | |
| SPA2082DELTA | 2082 | ● | |
| SPA2120DELTA | 2120 | ● | |
| SPA2132DELTA | 2132 | ● | |
| SPA2182DELTA | 2182 | ● | |
| SPA2207DELTA | 2207 | ● | |
| SPA2232DELTA | 2232 | ● | |
| SPA2240DELTA | 2240 | ● | |
| SPA2282DELTA | 2282 | ● | |
| SPA2300DELTA | 2300 | ● | |
| SPA2307DELTA | 2307 | ● | |
| SPA2332DELTA | 2332 | ● | |
| SPA2360DELTA | 2360 | ● | |
| SPA2382DELTA | 2382 | ● | |
| SPA2430DELTA | 2430 | ● | |
| SPA2432DELTA | 2432 | ● | |
| SPA2482DELTA | 2482 | ● | |
| SPA2500DELTA | 2500 | ● | |
| SPA2532DELTA | 2532 | ● | |

## SPA (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPA2580DELTA | 2580 | ● | |
| SPA2582DELTA | 2582 | ● | |
| SPA2607DELTA | 2607 | ● | |
| SPA2632DELTA | 2632 | ● | |
| SPA2650DELTA | 2650 | ● | |
| SPA2682DELTA | 2682 | ● | |
| SPA2720DELTA | 2720 | ● | |
| SPA2732DELTA | 2732 | ● | |
| SPA2782DELTA | 2782 | ● | |
| SPA2800DELTA | 2800 | ● | |
| SPA2832DELTA | 2832 | ● | |
| SPA2840DELTA | 2840 | | |
| SPA2847DELTA | 2847 | ● | |
| SPA2882DELTA | 2882 | ● | |
| SPA2900DELTA | 2900 | ● | |
| SPA2932DELTA | 2932 | ● | |
| SPA2982DELTA | 2982 | ● | |
| SPA3000DELTA | 3000 | ● | |
| SPA3032DELTA | 3032 | ● | |
| SPA3082DELTA | 3082 | ● | |
| SPA3150DELTA | 3150 | ● | |
| SPA3182DELTA | 3182 | ● | |
| SPA3282DELTA | 3282 | ● | |
| SPA3350DELTA | 3350 | ● | |
| SPA3550DELTA | 3550 | ● | |
| SPA3750DELTA | 3750 | ● | |
| SPA4000DELTA | 4000 | ● | |
| SPA4250DELTA | 4250 | ● | |
| SPA4500DELTA | 4500 | ● | |

## SPB

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPB1250DELTA | 1250 | ● | |
| SPB1280DELTA | 1280 | ● | |
| SPB1320DELTA | 1320 | ● | |
| SPB1360DELTA | 1360 | ● | |
| SPB1400DELTA | 1400 | ● | |
| SPB1450DELTA | 1450 | ● | |
| SPB1500DELTA | 1500 | ● | |
| SPB1550DELTA | 1550 | ● | |
| SPB1600DELTA | 1600 | ● | |
| SPB1650DELTA | 1650 | ● | |
| SPB1700DELTA | 1700 | ● | |
| SPB1720DELTA | 1720 | ● | |
| SPB1750DELTA | 1750 | ● | |
| SPB1800DELTA | 1800 | ● | |
| SPB1850DELTA | 1850 | ● | |
| SPB1900DELTA | 1900 | ● | |
| SPB1950DELTA | 1950 | ● | |
| SPB2000DELTA | 2000 | ● | |
| SPB2020DELTA | 2020 | | |
| SPB2060DELTA | 2060 | ● | |
| SPB2120DELTA | 2120 | ● | |
| SPB2180DELTA | 2180 | ● | |
| SPB2240DELTA | 2240 | ● | |
| SPB2250DELTA | 2250 | | |
| SPB2300DELTA | 2300 | ● | |
| SPB2360DELTA | 2360 | ● | |
| SPB2400DELTA | 2400 | | |
| SPB2430DELTA | 2430 | ● | |
| SPB2500DELTA | 2500 | ● | |
| SPB2580DELTA | 2580 | ● | |
| SPB2650DELTA | 2650 | ● | |
| SPB2680DELTA | 2680 | | |
| SPB2720DELTA | 2720 | ● | |
| SPB2800DELTA | 2800 | ● | |
| SPB2900DELTA | 2900 | ● | |
| SPB3000DELTA | 3000 | ● | |
| SPB3150DELTA | 3150 | ● | |
| SPB3250DELTA | 3250 | ● | |
| SPB3350DELTA | 3350 | ● | |
| SPB3450DELTA | 3450 | ● | |
| SPB3550DELTA | 3550 | ● | |
| SPB3650DELTA | 3650 | ● | |
| SPB3750DELTA | 3750 | ● | |
| SPB3870DELTA | 3870 | ● | |
| SPB4000DELTA | 4000 | ● | |
| SPB4120DELTA | 4120 | ● | |
| SPB4250DELTA | 4250 | ● | |
| SPB4370DELTA | 4370 | ● | |
| SPB4500DELTA | 4500 | ● | |
| SPB4560DELTA | 4560 | ● | |
| SPB4620DELTA | 4620 | ● | |

## SPB (CONTINUED)

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPB4750DELTA | 4750 | ● | |
| SPB4870DELTA | 4870 | ● | |
| SPB5000DELTA | 5000 | ● | |
| SPB5300DELTA | 5300 | ● | |
| SPB5600DELTA | 5600 | ● | |
| SPB6000DELTA | 6000 | ● | |
| SPB6300DELTA | 6300 | ● | |
| SPB6700DELTA | 6700 | ● | |
| SPB7100DELTA | 7100 | ● | |
| SPB7500DELTA | 7500 | ● | |
| SPB8000DELTA | 8000 | ● | |

## SPC

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPC2000DELTA | 2000 | ● | |
| SPC2120DELTA | 2120 | ● | |
| SPC2240DELTA | 2240 | ● | |
| SPC2360DELTA | 2360 | ● | |
| SPC2500DELTA | 2500 | ● | |
| SPC2600DELTA | 2600 | | |
| SPC2650DELTA | 2650 | ● | |
| SPC2800DELTA | 2800 | ● | |
| SPC3000DELTA | 3000 | ● | |
| SPC3150DELTA | 3150 | ● | |
| SPC3350DELTA | 3350 | ● | |
| SPC3550DELTA | 3550 | ● | |
| SPC3600DELTA | 3600 | | |
| SPC3750DELTA | 3750 | ● | |
| SPC4000DELTA | 4000 | ● | |
| SPC4250DELTA | 4250 | ● | |
| SPC4380DELTA | 4380 | ● | |
| SPC4500DELTA | 4500 | ● | |
| SPC4750DELTA | 4750 | ● | |
| SPC5000DELTA | 5000 | ● | |
| SPC5300DELTA | 5300 | ● | |
| SPC5600DELTA | 5600 | ● | |
| SPC5800DELTA | 5800 | | |
| SPC6000DELTA | 6000 | ● | |
| SPC6300DELTA | 6300 | ● | |
| SPC6700DELTA | 6700 | ● | |
| SPC7100DELTA | 7100 | ● | |
| SPC7500DELTA | 7500 | ● | |
| SPC8000DELTA | 8000 | ● | |
| SPC8500DELTA | 8500 | ● | |
| SPC9000DELTA | 9000 | ● | |
| SPC9500DELTA | 9500 | ● | |
| SPC10000DELTA | 10000 | ● | |
| SPC10600DELTA | 10600 | ● | |
| SPC11200DELTA | 11200 | ● | |

## SPBP

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPBP2120 | 2120 | ● | |
| SPBP2240 | 2240 | ● | |
| SPBP2360 | 2360 | ● | |
| SPBP2400 | 2400 | ● | |
| SPBP2500 | 2500 | ● | |
| SPBP2650 | 2650 | ● | |
| SPBP2800 | 2800 | ● | |
| SPBP2900 | 2900 | ● | |
| SPBP3000 | 3000 | ● | |
| SPBP3150 | 3150 | ● | |
| SPBP3250 | 3250 | ● | |
| SPBP3350 | 3350 | ● | |
| SPBP3550 | 3550 | ● | |
| SPBP3650 | 3650 | ● | |
| SPBP3750 | 3750 | ● | |
| SPBP3800 | 3800 | ● | |
| SPBP4000 | 4000 | ● | |
| SPBP4250 | 4250 | ● | |
| SPBP4500 | 4500 | ● | |
| SPBP4750 | 4750 | ● | |
| SPBP5000 | 5000 | ● | |
| SPBP5300 | 5300 | ● | |
| SPBP5600 | 5600 | ● | |
| SPBP6000 | 6000 | ● | |
| SPBP6300 | 6300 | ● | |
| SPBP6700 | 6700 | ● | |
| SPBP7100 | 7100 | ● | |
| SPBP7500 | 7500 | ● | |
| SPBP8000 | 8000 | ● | |

## SPCP

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPCP3000 | 3000 | ● | |
| SPCP3150 | 3150 | ● | |
| SPCP3350 | 3350 | ● | |
| SPCP3550 | 3550 | ● | |
| SPCP3750 | 3750 | ● | |
| SPCP4000 | 4000 | ● | |
| SPCP4250 | 4250 | ● | |
| SPCP4500 | 4500 | ● | |
| SPCP4750 | 4750 | ● | |
| SPCP5000 | 5000 | ● | |
| SPCP5300 | 5300 | ● | |
| SPCP5600 | 5600 | ● | |
| SPCP6000 | 6000 | ● | |
| SPCP6300 | 6300 | ● | |
| SPCP6700 | 6700 | ● | |
| SPCP7100 | 7100 | ● | |
| SPCP7500 | 7500 | ● | |
| SPCP8000 | 8000 | ● | |
| SPCP8500 | 8500 | ● | |
| SPCP9000 | 9000 | ● | |
| SPCP9500 | 9500 | ● | ● |
| SPCP10000 | 10000 | ● | |
| SPCP10600 | 10600 | ● | |
| SPCP11200 | 11200 | ● | |

## 5VP-15JP

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 5VP560 15JP1420 | 1420 | 56 | ● | ● |
| 5VP600 15JP1525 | 1525 | 60 | ● | ● |
| 5VP630 15JP1600 | 1600 | 63 | ● | |
| 5VP670 15JP1700 | 1700 | 67 | ● | |
| 5VP710 15JP1800 | 1800 | 71 | ● | |
| 5VP750 15JP1900 | 1900 | 75 | ● | |
| 5VP800 15JP2030 | 2030 | 80 | ● | ● |
| 5VP850 15JP2160 | 2160 | 85 | ● | ● |
| 5VP900 15JP2285 | 2285 | 90 | ● | ● |
| 5VP950 15JP2415 | 2415 | 95 | ● | ● |
| 5VP1000 15JP2540 | 2540 | 100 | ● | ● |
| 5VP1060 15JP2690 | 2690 | 106 | ● | ● |
| 5VP1120 15JP2845 | 2845 | 112 | ● | ● |
| 5VP1180 15JP3000 | 3000 | 118 | ● | |
| 5VP1250 15JP3175 | 3175 | 125 | ● | ● |
| 5VP1320 15JP3350 | 3350 | 132 | ● | |
| 5VP1400 15JP3550 | 3550 | 140 | ● | |
| 5VP1500 15JP3810 | 3810 | 150 | ● | ● |
| 5VP1600 15JP4065 | 4065 | 160 | ● | ● |
| 5VP1700 15JP4315 | 4315 | 170 | ● | ● |
| 5VP1800 15JP4570 | 4570 | 180 | ● | ● |
| 5VP1900 15JP4825 | 4825 | 190 | ● | ● |
| 5VP2000 15JP5080 | 5080 | 200 | ● | ● |
| 5VP2120 15JP5385 | 5385 | 212 | ● | ● |
| 5VP2240 15JP5690 | 5690 | 224 | ● | ● |
| 5VP2360 15JP6000 | 6000 | 236 | ● | |
| 5VP2500 15JP6350 | 6350 | 250 | ● | ● |
| 5VP2650 15JP6730 | 6730 | 265 | ● | ● |
| 5VP2800 15JP7100 | 7100 | 280 | ● | |
| 5VP3000 15JP7620 | 7620 | 300 | ● | ● |
| 5VP3150 15JP8000 | 8000 | 315 | ● | |
| 5VP3350 15JP8500 | 8500 | 335 | | |
| 5VP3550 15JP9000 | 9000 | 355 | | |

## 8VP-25JP

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 8VP1000 | 2540 | 100 | | |
| 8VP1060 | 2690 | 106 | | |
| 8VP1120 | 2845 | 112 | | |
| 8VP1180 | 2995 | 118 | | |
| 8VP1250 | 3175 | 125 | | |
| 8VP1320 | 3355 | 132 | | |
| 8VP1400 | 3555 | 140 | | |
| 8VP1500 | 3810 | 150 | | |
| 8VP1600 | 4064 | 160 | | |
| 8VP1700 | 4318 | 170 | | |
| 8VP1800 | 4572 | 180 | | |
| 8VP1900 | 4826 | 190 | | |
| 8VP2000 | 5080 | 200 | | |
| 8VP2120 | 5385 | 212 | | |
| 8VP2240 | 5690 | 224 | | |
| 8VP2360 | 5994 | 236 | | |
| 8VP2500 | 6350 | 250 | | |
| 8VP2650 | 6731 | 265 | | |
| 8VP2800 | 7112 | 280 | | |
| 8VP3000 | 7620 | 300 | | |
| 8VP3150 | 8001 | 315 | | |
| 8VP3350 | 8509 | 335 | | |
| 8VP3550 | 9017 | 355 | | |
| 8VP3750 | 9525 | 375 | | |
| 8VP4000 | 10160 | 400 | | |
| 8VP4250 | 10795 | 425 | | |
| 8VP4500 | 11430 | 450 | | |
| 8VP4750 | 12065 | 475 | | |
| 8VP5000 | 12700 | 500 | | |
| 8VP5600 | 14225 | 560 | | |
| 8VP6000 | 15240 | 600 | | |

## XPZ

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPZ800 | 800 | | |
| XPZ850 | 850 | | |
| XPZ900 | 900 | | |
| XPZ950 | 950 | | |
| XPZ1000 | 1000 | | |
| XPZ1030 | 1030 | | |
| XPZ1060 | 1060 | | |
| XPZ1090 | 1090 | | |
| XPZ1120 | 1120 | | |
| XPZ1150 | 1150 | | |
| XPZ1180 | 1180 | | |
| XPZ1212 | 1212 | | |
| XPZ1250 | 1250 | | |
| XPZ1270 | 1270 | | |
| XPZ1320 | 1320 | | |
| XPZ1340 | 1340 | | |
| XPZ1362 | 1362 | | |
| XPZ1400 | 1400 | | |
| XPZ1420 | 1420 | | |
| XPZ1450 | 1450 | | |
| XPZ1487 | 1487 | | |
| XPZ1500 | 1500 | | |
| XPZ1550 | 1550 | | |
| XPZ1600 | 1600 | | |
| XPZ1650 | 1650 | | |
| XPZ1700 | 1700 | | |
| XPZ1750 | 1750 | | |
| XPZ1800 | 1800 | | |
| XPZ1850 | 1850 | | |
| XPZ1900 | 1900 | | |
| XPZ1950 | 1950 | | |
| XPZ2000 | 2000 | | |
| XPZ2030 | 2030 | | |
| XPZ2120 | 2120 | | |
| XPZ2160 | 2160 | | |
| XPZ2240 | 2240 | | |
| XPZ2360 | 2360 | | |
| XPZ2500 | 2500 | | |
| XPZ2650 | 2650 | | |
| XPZ2800 | 2800 | | |
| XPZ3000 | 3000 | | |
| XPZ3150 | 3150 | | |
| XPZ3350 | 3350 | | |
| XPZ3550 | 3550 | | |

## XPA

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPA800 | 800 | | |
| XPA850 | 850 | | |
| XPA900 | 900 | | |
| XPA950 | 950 | | |
| XPA1000 | 1000 | | |
| XPA1030 | 1030 | | |
| XPA1060 | 1060 | | |
| XPA1090 | 1090 | | |
| XPA1120 | 1120 | | |
| XPA1150 | 1150 | | |
| XPA1180 | 1180 | | |
| XPA1250 | 1250 | | |
| XPA1320 | 1320 | | |
| XPA1360 | 1360 | | |
| XPA1400 | 1400 | | |
| XPA1450 | 1450 | | |
| XPA1500 | 1500 | | |
| XPA1550 | 1550 | | |
| XPA1600 | 1600 | | |
| XPA1650 | 1650 | | |
| XPA1700 | 1700 | | |
| XPA1750 | 1750 | | |
| XPA1800 | 1800 | | |
| XPA1850 | 1850 | | |
| XPA1900 | 1900 | | |
| XPA1950 | 1950 | | |
| XPA2000 | 2000 | | |
| XPA2060 | 2060 | | |
| XPA2120 | 2120 | | |
| XPA2240 | 2240 | | |
| XPA2360 | 2360 | | |
| XPA2430 | 2430 | | |
| XPA2500 | 2500 | | |
| XPA2650 | 2650 | | |
| XPA2800 | 2800 | | |
| XPA3000 | 3000 | | |
| XPA3150 | 3150 | | |
| XPA3350 | 3350 | | |
| XPA3550 | 3550 | | |
| XPA3750 | 3750 | | |
| XPA4000 | 4000 | | |

## XPB

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| XPB1250 | 1250 | | |
| XPB1320 | 1320 | | |
| XPB1400 | 1400 | | |
| XPB1450 | 1450 | | |
| XPB1500 | 1500 | | |
| XPB1550 | 1550 | | |
| XPB1600 | 1600 | | |
| XPB1650 | 1650 | | |
| XPB1700 | 1700 | | |
| XPB1750 | 1750 | | |
| XPB1800 | 1800 | | |
| XPB1850 | 1850 | | |
| XPB1900 | 1900 | | |
| XPB1950 | 1950 | | |
| XPB2000 | 2000 | | |
| XPB2120 | 2120 | | |
| XPB2150 | 2150 | | |
| XPB2240 | 2240 | | |
| XPB2280 | 2280 | | |
| XPB2360 | 2360 | | |
| XPB2410 | 2410 | | |
| XPB2500 | 2500 | | |
| XPB2530 | 2530 | | |
| XPB2650 | 2650 | | |
| XPB2680 | 2680 | | |
| XPB2800 | 2800 | | |
| XPB2840 | 2840 | | |
| XPB3000 | 3000 | | |
| XPB3150 | 3150 | | |
| XPB3350 | 3350 | | |
| XPB3550 | 3550 | | |
| XPB3750 | 3750 | | |
| XPB4000 | 4000 | | |
| XPB4250 | 4250 | | |
| XPB4500 | 4500 | | |
| XPB4750 | 4750 | | |

## 3VX

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 3VX250 | 635 | 25.0 | | |
| 3VX265 | 675 | 26.5 | | |
| 3VX280 | 710 | 28.0 | | |
| 3VX300 | 760 | 30.0 | | |
| 3VX315 | 800 | 31.5 | | |
| 3VX335 | 850 | 33.5 | | |
| 3VX355 | 900 | 35.5 | | |
| 3VX375 | 950 | 37.5 | | |
| 3VX400 | 1015 | 40.0 | | |
| 3VX425 | 1080 | 42.5 | | |
| 3VX450 | 1145 | 45.0 | | |
| 3VX475 | 1205 | 47.5 | | |
| 3VX500 | 1270 | 50.0 | | |
| 3VX530 | 1345 | 53.0 | | |
| 3VX560 | 1420 | 56.0 | | |
| 3VX600 | 1525 | 60.0 | | |
| 3VX630 | 1600 | 63.0 | | |
| 3VX670 | 1700 | 67.0 | | |
| 3VX710 | 1805 | 71.0 | | |
| 3VX750 | 1905 | 75.0 | | |
| 3VX800 | 2030 | 80.0 | | |
| 3VX850 | 2160 | 85.0 | | |
| 3VX900 | 2285 | 90.0 | | |
| 3VX950 | 2415 | 95.0 | | |
| 3VX1000 | 2540 | 100.0 | | |
| 3VX1060 | 2690 | 106.0 | | |
| 3VX1120 | 2845 | 112.0 | | |
| 3VX1180 | 2995 | 118.0 | | |
| 3VX1250 | 3175 | 125.0 | | |
| 3VX1320 | 3355 | 132.0 | | |
| 3VX1400 | 3555 | 140.0 | | |

## 5VX

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 5VX500 | 1270 | 50 | | |
| 5VX530 | 1345 | 53 | | |
| 5VX560 | 1420 | 56 | | |
| 5VX600 | 1525 | 60 | | |
| 5VX630 | 1600 | 63 | | |
| 5VX670 | 1700 | 67 | | |
| 5VX710 | 1805 | 71 | | |
| 5VX750 | 1905 | 75 | | |
| 5VX800 | 2030 | 80 | | |
| 5VX850 | 2160 | 85 | | |
| 5VX900 | 2285 | 90 | | |
| 5VX950 | 2415 | 95 | | |
| 5VX1000 | 2540 | 100 | | |
| 5VX1060 | 2690 | 106 | | |
| 5VX1120 | 2845 | 112 | | |
| 5VX1180 | 2995 | 118 | | |
| 5VX1250 | 3175 | 125 | | |
| 5VX1320 | 3355 | 132 | | |
| 5VX1400 | 3555 | 140 | | |
| 5VX1500 | 3810 | 150 | | |
| 5VX1600 | 4065 | 160 | | |
| 5VX1700 | 4320 | 170 | | |
| 5VX1800 | 4570 | 180 | | |
| 5VX1900 | 4825 | 190 | | |
| 5VX2000 | 5080 | 200 | | |

## SPB

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| SPB2120 | 2120 | ● | |
| SPB2240 | 2240 | ● | |
| SPB2360 | 2360 | ● | |
| SPB2500 | 2500 | ● | |
| SPB2650 | 2650 | ● | |
| SPB2800 | 2800 | ● | |
| SPB3000 | 3000 | ● | |
| SPB3150 | 3150 | ● | |
| SPB3350 | 3350 | ● | |
| 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 | ● | |

## SPC

| Description | Datum Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 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 | ● | |
| SPC6700 | 6700 | ● | |
| SPC7100 | 7100 | ● | |
| SPC7500 | 7500 | ● | |
| SPC8000 | 8000 | ● | |
| SPC8500 | 8500 | ● | |
| SPC9000 | 9000 | ● | |
| SPC9500 | 9500 | ● | ● |
| SPC10000 | 10000 | ● | |
| SPC10600 | 10600 | ● | |
| SPC11200 | 11200 | ● | |

## 3V-9J

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 3V300 9J762 | 762 | 30.0 | | ● |
| 3V315 9J800 | 800 | 31.5 | | ● |
| 3V335 9J850 | 850 | 33.5 | | ● |
| 3V355 9J901 | 901 | 35.5 | | ● |
| 3V375 9J952 | 952 | 37.5 | | ● |
| 3V400 9J1016 | 1016 | 40.0 | | ● |
| 3V425 9J1079 | 1079 | 42.5 | | ● |
| 3V450 9J1143 | 1143 | 45.0 | | ● |
| 3V475 9J1206 | 1206 | 47.5 | | ● |
| 3V500 9J1270 | 1270 | 50.0 | | ● |
| 3V530 9J1346 | 1346 | 53.0 | | ● |
| 3V560 9J1420 | 1420 | 56.0 | ● | ● |
| 3V600 9J1525 | 1525 | 60.0 | ● | ● |
| 3V630 9J1600 | 1600 | 63.0 | ● | |
| 3V670 9J1700 | 1700 | 67.0 | ● | |
| 3V710 9J1800 | 1800 | 71.0 | ● | |
| 3V750 9J1900 | 1900 | 75.0 | ● | |
| 3V800 9J2030 | 2030 | 80.0 | ● | ● |
| 3V850 9J2160 | 2160 | 85.0 | ● | ● |
| 3V900 9J2285 | 2285 | 90.0 | ● | ● |
| 3V950 9J2415 | 2415 | 95.0 | ● | ● |
| 3V1000 9J2540 | 2540 | 100.0 | ● | ● |
| 3V1060 9J2690 | 2690 | 106.0 | ● | ● |
| 3V1120 9J2845 | 2845 | 112.0 | ● | ● |
| 3V1180 9J3000 | 3000 | 118.0 | ● | |
| 3V1250 9J3175 | 3175 | 125.0 | ● | ● |
| 3V1320 9J3350 | 3350 | 132.0 | ● | |
| 3V1400 9J3550 | 3550 | 140.0 | ● | |

## 5V-15J

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 5V560 15J1420 | 1420 | 56 | ● | ● |
| 5V600 15J1525 | 1525 | 60 | ● | ● |
| 5V630 15J1600 | 1600 | 63 | ● | |
| 5V670 15J1700 | 1700 | 67 | ● | |
| 5V710 15J1800 | 1800 | 71 | ● | |
| 5V750 15J1900 | 1900 | 75 | ● | |
| 5V800 15J2030 | 2030 | 80 | ● | ● |
| 5V850 15J2160 | 2160 | 85 | ● | ● |
| 5V900 15J2285 | 2285 | 90 | ● | ● |
| 5V950 15J2415 | 2415 | 95 | ● | ● |
| 5V1000 15J2540 | 2540 | 100 | ● | ● |
| 5V1060 15J2690 | 2690 | 106 | ● | ● |
| 5V1120 15J2845 | 2845 | 112 | ● | ● |
| 5V1180 15J3000 | 3000 | 118 | ● | |
| 5V1250 15J3175 | 3175 | 125 | ● | ● |
| 5V1320 15J3350 | 3350 | 132 | ● | |
| 5V1400 15J3550 | 3550 | 140 | ● | |
| 5V1500 15J3810 | 3810 | 150 | ● | ● |
| 5V1600 15J4065 | 4065 | 160 | ● | ● |
| 5V1700 15J4315 | 4315 | 170 | ● | ● |
| 5V1800 15J4570 | 4570 | 180 | ● | ● |
| 5V1900 15J4825 | 4825 | 190 | ● | ● |
| 5V2000 15J5080 | 5080 | 200 | ● | ● |
| 5V2120 15J5385 | 5385 | 212 | ● | ● |
| 5V2240 15J5690 | 5690 | 224 | ● | ● |
| 5V2360 15J6000 | 6000 | 236 | ● | |
| 5V2500 15J6350 | 6350 | 250 | ● | ● |
| 5V2650 15J6730 | 6730 | 265 | ● | ● |
| 5V2800 15J7100 | 7100 | 280 | ● | |
| 5V3000 15J7620 | 7620 | 300 | ● | ● |
| 5V3150 15J8000 | 8000 | 315 | ● | |
| 5V3350 15J8500 | 8500 | 335 | ● | |
| 5V3550 15J9000 | 9000 | 355 | ● | |

## 8V

| Description | Effective Length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | inch | | |
| 8V1000 | 2540 | 100 | ● | |
| 8V1060 | 2690 | 106 | ● | |
| 8V1120 | 2845 | 112 | ● | |
| 8V1180 | 2995 | 118 | ● | |
| 8V1250 | 3175 | 125 | ● | |
| 8V1320 | 3355 | 132 | ● | |
| 8V1400 | 3555 | 140 | ● | |
| 8V1500 | 3810 | 150 | ● | |
| 8V1600 | 4064 | 160 | ● | |
| 8V1700 | 4318 | 170 | ● | |
| 8V1800 | 4572 | 180 | ● | |
| 8V1900 | 4826 | 190 | ● | |
| 8V2000 | 5080 | 200 | ● | |
| 8V2120 | 5385 | 212 | ● | |
| 8V2240 | 5690 | 224 | ● | |
| 8V2360 | 5994 | 236 | ● | |
| 8V2500 | 6350 | 250 | ● | |
| 8V2650 | 6731 | 265 | ● | |
| 8V2800 | 7112 | 280 | ● | |
| 8V3000 | 7620 | 300 | ● | |
| 8V3150 | 8001 | 315 | ● | |
| 8V3350 | 8509 | 335 | ● | |
| 8V3550 | 9017 | 355 | ● | |
| 8V3750 | 9525 | 375 | ● | |
| 8V4000 | 10160 | 400 | ● | |
| 8V4250 | 10795 | 425 | ● | |
| 8V4500 | 11430 | 450 | ● | |
| 8V4750 | 12065 | 475 | ● | |
| 8V5000 | 12700 | 500 | ● | |
| 8V5600 | 14225 | 560 | ● | |
| 8V6000 | 15240 | 600 | ● | |

## B

| Description | Inside length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B35 | 889 | 935 | | ● |
| B38 | 965 | 1011 | | ● |
| B40 | 1016 | 1092 | | ● |
| B42 | 1067 | 1113 | | ● |
| B41 | 1041 | 1118 | | ● |
| B43 | 1092 | 1138 | | ● |
| B44 | 1118 | 1194 | | ● |
| B46 | 1168 | 1214 | | |
| B47 | 1194 | 1240 | | ● |
| B48 | 1219 | 1265 | | |
| B50 | 1270 | 1316 | | |
| B51 | 1295 | 1341 | | |
| B52 | 1321 | 1367 | | |
| B53 | 1346 | 1392 | | |
| B54 | 1372 | 1417 | | |
| B55 | 1397 | 1443 | | |
| B56 | 1422 | 1468 | | |
| B57 | 1448 | 1494 | | |
| B58 | 1473 | 1519 | | |
| B59 | 1499 | 1544 | | |
| B60 | 1524 | 1570 | | |
| B61 | 1549 | 1595 | | |
| B62 | 1575 | 1621 | | |
| B63 | 1600 | 1646 | | |
| B64 | 1626 | 1671 | | |
| B65 | 1651 | 1697 | | |
| B66 | 1676 | 1722 | | |
| B67 | 1702 | 1748 | | |
| B68 | 1727 | 1773 | | |
| B70 | 1778 | 1824 | | |
| B71 | 1803 | 1849 | | |
| B72 | 1829 | 1875 | | |
| B73 | 1854 | 1900 | | |
| B74 | 1880 | 1925 | | |
| B75 | 1905 | 1951 | | |
| B77 | 1956 | 2002 | | |
| B78 | 1981 | 2027 | | |
| B79 | 2007 | 2052 | | |
| B80 | 2032 | 2078 | | |
| B81 | 2057 | 2103 | | |
| B82 | 2083 | 2129 | | |
| B83 | 2108 | 2154 | | |
| B84 | 2134 | 2180 | | ● |
| B85 | 2159 | 2205 | | |
| B86 | 2184 | 2230 | | ● |
| B87 | 2210 | 2256 | | |
| B88 | 2235 | 2281 | | |
| B90 | 2286 | 2332 | | |
| B92 | 2337 | 2383 | | ● |
| B93 | 2362 | 2408 | | |
| B94 | 2388 | 2434 | | |

## B (CONTINUED)

| Description | Inside length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| B95 | 2413 | 2459 | | |
| B96 | 2438 | 2484 | | |
| B97 | 2464 | 2510 | | |
| B99 | 2515 | 2560 | | |
| B100 | 2540 | 2586 | | |
| B103 | 2616 | 2662 | | |
| B104 | 2642 | 2687 | | ● |
| B105 | 2667 | 2713 | | |
| B108 | 2743 | 2789 | | |
| B109 | 2769 | 2845 | | ● |
| B110 | 2794 | 2870 | | ● |
| B112 | 2845 | 2891 | | |
| B113 | 2870 | 2946 | | ● |
| B114 | 2896 | 2972 | | ● |
| B115 | 2921 | 2997 | | ● |
| B116 | 2946 | 3023 | | ● |
| B118 | 2997 | 3073 | | ● |
| B120 | 3048 | 3094 | | |
| B124 | 3150 | 3195 | | |
| B128 | 3251 | 3297 | | |
| B130 | 3302 | 3378 | | ● |
| B133 | 3378 | 3424 | | |
| B136 | 3454 | 3500 | | |
| B138 | 3505 | 3581 | | ● |
| B139 | 3531 | 3607 | | ● |
| B140 | 3556 | 3632 | | ● |
| B141 | 3581 | 3658 | | ● |
| B144 | 3658 | 3780 | | |
| B148 | 3759 | 3805 | | |
| B150 | 3810 | 3886 | | ● |
| B154 | 3912 | 3988 | | ● |
| B158 | 4013 | 4059 | | |
| B160 | 4064 | 4140 | | ● |
| B162 | 4115 | 4161 | | |
| B168 | 4267 | 4343 | | ● |
| B173 | 4394 | 4440 | | |
| B180 | 4572 | 4618 | | |
| B185 | 4699 | 4775 | | ● |
| B190 | 4826 | 4902 | | ● |
| B195 | 4953 | 4999 | | |
| B210 | 5334 | 5380 | | |
| B218 | 5537 | 5613 | | ● |
| B225 | 5715 | 5723 | | |
| B240 | 6096 | 6104 | | |
| B255 | 6477 | 6485 | | |
| B270 | 6858 | 6866 | | |
| B300 | 7620 | 7628 | | |
| B315 | 8001 | 8009 | | |

## C

| Description | Inside length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| C60 | 1524 | 1598 | | |
| C68 | 1727 | 1801 | | |
| C72 | 1829 | 1930 | | ● |
| C75 | 1905 | 1979 | | |
| C78 | 1981 | 2083 | | ● |
| C81 | 2057 | 2131 | | |
| C80 | 2032 | 2134 | | ● |
| C85 | 2159 | 2233 | | |
| C87 | 2210 | 2311 | | ● |
| C90 | 2286 | 2360 | | |
| C96 | 2438 | 2512 | | |
| C99 | 2515 | 2588 | | |
| C100 | 2540 | 2614 | | |
| C105 | 2667 | 2741 | | |
| C108 | 2743 | 2817 | | |
| C109 | 2769 | 2842 | | |
| C112 | 2845 | 2918 | | |
| C120 | 3048 | 3122 | | |
| C124 | 3150 | 3223 | | |
| C126 | 3200 | 3302 | | ● |
| C128 | 3251 | 3325 | | |
| C136 | 3454 | 3528 | | |
| C144 | 3658 | 3731 | | |
| C146 | 3708 | 3810 | | ● |
| C151 | 3835 | 3937 | | ● |
| C158 | 4013 | 4087 | | |
| C162 | 4115 | 4188 | | |
| C173 | 4394 | 4468 | | |
| C180 | 4572 | 4646 | | |
| C185 | 4699 | 4801 | | ● |
| C190 | 4826 | 4928 | | ● |
| C195 | 4953 | 5027 | | |
| C204 | 5182 | 5283 | | ● |
| C210 | 5334 | 5408 | | |
| C225 | 5715 | 5738 | | |
| C240 | 6096 | 6119 | | |
| C255 | 6477 | 6500 | | |
| C270 | 6858 | 6881 | | |
| C285 | 7239 | 7262 | | |
| C300 | 7620 | 7643 | | |
| C315 | 8001 | 8024 | | |
| C330 | 8382 | 8405 | | |
| C345 | 8763 | 8786 | | |
| C360 | 9144 | 9167 | | |
| C390 | 9906 | 9929 | | |
| C420 | 10668 | 10688 | | |

## D

| Description | Inside length | Effective Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| D120 | 3048 | 3132 | | |
| D144 | 3658 | 3741 | | ● |
| D158 | 4013 | 4097 | | ● |
| D173 | 4394 | 4478 | | ● |
| D180 | 4572 | 4656 | | ● |
| D195 | 4953 | 5037 | | ● |
| D210 | 5334 | 5418 | | ● |
| D225 | 5715 | 5735 | | ● |
| D240 | 6096 | 6116 | | ● |
| D255 | 6477 | 6497 | | ● |
| D270 | 6858 | 6878 | | ● |
| D285 | 7239 | 7259 | | ● |
| D300 | 7620 | 7640 | | ● |
| D315 | 8001 | 8021 | | ● |
| D330 | 8382 | 8402 | | ● |
| D345 | 8763 | 8783 | | ● |
| D360 | 9144 | 9164 | | ● |
| D390 | 9906 | 9926 | | ● |
| D420 | 10668 | 10688 | | ● |
| D450 | 11430 | 11450 | | ● |
| D480 | 12192 | 12212 | | ● |
| D540 | 13716 | 13736 | | ● |
| D600 | 15240 | 15260 | | ● |
| D660 | 16764 | 16784 | | ● |

## AA

| Description | Effective Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| AA51 | 1350 | 1330 | ● | |
| AA55 | 1450 | 1435 | ● | |
| AA60 | 1575 | 1560 | | |
| AA62 | 1625 | 1615 | | ● |
| AA64 | 1678 | 1663 | | |
| AA66 | 1727 | 1715 | | ● |
| AA68 | 1780 | 1765 | ● | |
| AA70 | 1829 | 1815 | | ● |
| AA73 | 1905 | 1895 | | ● |
| AA75 | 1960 | 1940 | | |
| AA78 | 2032 | 2020 | | ● |
| AA80 | 2085 | 2070 | | |
| AA85 | 2210 | 2195 | ● | |
| AA86 | 2237 | 2222 | | |
| AA88 | 2288 | 2273 | ● | |
| AA90 | 2340 | 2325 | ● | |
| AA92 | 2390 | 2375 | | |
| AA96 | 2490 | 2475 | | |
| AA105 | 2720 | 2705 | | |
| AA112 | 2900 | 2880 | ● | |
| AA120 | 3100 | 3085 | | |
| AA128 | 3305 | 3290 | ● | |
| AA148 | 3810 | 3800 | | ● |

## BB

| Description | Effective Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| BB35 | 965 | 940 | | |
| BB38 | 1040 | 1015 | | |
| BB42 | 1140 | 1120 | | |
| BB43 | 1165 | 1145 | | |
| BB45 | 1215 | 1195 | | |
| BB46 | 1240 | 1220 | | |
| BB51 | 1370 | 1345 | | |
| BB53 | 1420 | 1395 | | |
| BB55 | 1470 | 1450 | | |
| BB60 | 1600 | 1575 | ● | |
| BB64 | 1702 | 1675 | | ● |
| BB66 | 1750 | 1730 | | |
| BB68 | 1800 | 1780 | | |
| BB71 | 1880 | 1855 | | |
| BB72 | 1905 | 1880 | | ● |
| BB73 | 1925 | 1905 | | |
| BB74 | 1955 | 1930 | | |
| BB75 | 1980 | 1955 | ● | |
| BB81 | 2130 | 2110 | | |
| BB83 | 2185 | 2160 | ● | |
| BB85 | 2235 | 2210 | | |
| BB90 | 2360 | 2335 | | |
| BB92 | 2410 | 2390 | | |
| BB93 | 2435 | 2415 | | |
| BB94 | 2460 | 2440 | | |
| BB95 | 2485 | 2465 | | |
| BB96 | 2510 | 2490 | | |
| BB97 | 2535 | 2515 | ● | |
| BB100 | 2615 | 2595 | ● | |
| BB103 | 2692 | 2665 | | ● |
| BB105 | 2740 | 2720 | ● | |
| BB107 | 2790 | 2770 | | |
| BB108 | 2815 | 2795 | | |
| BB111 | 2895 | 2870 | | |
| BB112 | 2920 | 2895 | ● | |
| BB114 | 2972 | 2945 | | ● |
| BB116 | 3020 | 3000 | ● | |
| BB117 | 3048 | 3020 | | ● |
| BB118 | 3070 | 3050 | ● | |
| BB120 | 3120 | 3100 | | |
| BB122 | 3170 | 3150 | ● | |
| BB123 | 3195 | 3175 | | |
| BB124 | 3220 | 3200 | | |
| BB127 | 3300 | 3275 | ● | |
| BB128 | 3325 | 3300 | | |
| BB129 | 3350 | 3325 | | |
| BB130 | 3375 | 3350 | | |
| BB133 | 3454 | 3430 | | ● |
| BB135 | 3505 | 3480 | | ● |
| BB136 | 3528 | 3505 | | |
| BB140 | 3629 | 3610 | | |

## BB (CONTINUED)

| Description | Effective Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| BB144 | 3730 | 3710 | | |
| BB155 | 4010 | 3990 | | |
| BB158 | 4085 | 4065 | ● | |
| BB162 | 4191 | 4165 | | ● |
| BB168 | 4340 | 4320 | | |
| BB169 | 4365 | 4345 | | |
| BB170 | 4394 | 4370 | | ● |
| BB173 | 4470 | 4445 | | |
| BB180 | 4645 | 4625 | | |
| BB182 | 4699 | 4675 | | ● |
| BB187 | 4826 | 4800 | | ● |
| BB190 | 4900 | 4880 | | |
| BB195 | 5025 | 5005 | ● | |
| BB210 | 5410 | 5385 | | |
| BB225 | 5791 | 5765 | | ● |
| BB226 | 5814 | 5755 | | |
| BB228 | 5864 | 5805 | | |
| BB230 | 5915 | 5855 | | |
| BB240 | 6130 | 6110 | | |
| BB255 | 6553 | 6530 | | ● |
| BB270 | 6895 | 6870 | | |
| BB277 | 7070 | 7050 | | |
| BB285 | 7315 | 7290 | | ● |
| BB300 | 7655 | 7635 | | |

## CC

| Description | Effective Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| CC75 | 2010 | 1980 | | |
| CC81 | 2165 | 2130 | ● | |
| CC85 | 2265 | 2230 | ● | |
| CC90 | 2395 | 2360 | | |
| CC96 | 2545 | 2510 | ● | |
| CC105 | 2775 | 2740 | ● | |
| CC112 | 2950 | 2920 | ● | |
| CC120 | 3155 | 3120 | | |
| CC128 | 3360 | 3325 | | |
| CC136 | 3560 | 3525 | | |
| CC140 | 3658 | 2630 | | ● |
| CC144 | 3765 | 3730 | ● | |
| CC158 | 4120 | 4085 | | |
| CC162 | 4220 | 4190 | ● | |
| CC173 | 4500 | 4465 | ● | |
| CC180 | 4680 | 4645 | ● | |
| CC195 | 5060 | 5025 | | |
| CC210 | 5440 | 5405 | ● | |
| CC240 | 6150 | 6120 | ● | |
| CC250 | 6382 | 6350 | ● | |
| CC255 | 6528 | 6550 | | ● |
| CC270 | 6915 | 6880 | ● | |
| CC300 | 7675 | 7640 | | |
| CC330 | 8440 | 8405 | | |
| CC360 | 9200 | 9165 | | |
| CC390 | 9960 | 9930 | | |
| CC420 | 10725 | 10690 | | |

## DD

| Description | Effective Length | Datum Length | Stock | New |
|---|---|---|---|---|
| | mm | mm | | |
| DD270 | 6925 | 6875 | | |
| DD300 | 7690 | 7635 | | |
| DD360 | 9215 | 9160 | | |

| Special Gates Sizes | | | | |
|---|---|---|---|---|
| **13** | **23** | **28** | **37** | **47** |
| **Inside Length (mm)** | | | | |
| 600 | 525 | 650 | 800 | 1000 |
| 700 | 600 | 700 | 850 | 1060 |
| 800 | 650 | 750 | 900 | 1120 |
| 900 | 700 | 800 | 950 | 1180 |
| | 750 | 850 | 1000 | 1250 |
| | 800 | 900 | 1060 | 1320 |
| | 850 | 950 | 1120 | 1400 |
| | 900 | 1000 | 1180 | 1500 |
| | 950 | 1060 | 1250 | 1600 |
| | 1000 | 1120 | 1320 | 1700 |
| | 1060 | 1180 | 1400 | 1800 |
| | 1120 | 1250 | 1500 | 2000 |
| | 1180 | 1320 | 1600 | 2240 |
| | 1250 | 1400 | 1700 | |
| | 1320 | 1500 | 1800 | |
| | 1400 | 1600 | 2000 | |
| | 1500 | | 2240 | |

| ISO R 1604 size | | | | | | |
|---|---|---|---|---|---|---|
| **W16** | **W20** | **W25** | **W31.5** | **W40** | **W50** | **W63** |
| **Datum Length (mm)** | | | | | | |
| 630 | 630 | 710 | 900 | 1120 | 1400 | 1800 |
| 710 | 710 | 800 | 1000 | 1250 | 1600 | 2000 |
| 800 | 800 | 900 | 1120 | 1400 | 1800 | 2240 |
| 900 | 900 | 1000 | 1250 | 1600 | 2000 | 2500 |
| 1000 | 1000 | 1120 | 1400 | 1700 | 2240 | 2800 |
| | 1120 | 1250 | 1600 | 1800 | 2500 | |
| | 1250 | 1400 | 1800 | 2000 | 2800 | |
| | | 1600 | 2000 | 2240 | 3150 | |
| | | | | 2500 | | |

## 3L

| Description | Outside Length | Outside Length | Stock | New |
|---|---|---|---|---|
| | inch | mm | | |
| 3L28 6728 POWERATED | 28 | 711 | ● | |
| 3L29 6729 POWERATED | 29 | 737 | ● | |
| 3L30 6730 POWERATED | 30 | 762 | ● | |
| 3L31 6731 POWERATED | 31 | 787 | ● | |
| 3L32 6732 POWERATED | 32 | 813 | ● | |
| 3L33 6733 POWERATED | 33 | 838 | ● | |
| 3L34 6734 POWERATED | 34 | 864 | ● | |
| 3L35 6735 POWERATED | 35 | 889 | ● | |
| 3L36 6736 POWERATED | 36 | 914 | ● | |
| 3L37 6737 POWERATED | 37 | 940 | ● | |
| 3L38 6738 POWERATED | 38 | 965 | ● | |
| 3L39 6739 POWERATED | 39 | 991 | ● | |
| 3L40 6740 POWERATED | 40 | 1016 | ● | |
| 3L41 6741 POWERATED | 41 | 1041 | ● | |
| 3L42 6742 POWERATED | 42 | 1067 | ● | |
| 3L43 6743 POWERATED | 43 | 1092 | ● | |
| 3L44 6744 POWERATED | 44 | 1118 | ● | |
| 3L45 6745 POWERATED | 45 | 1143 | ● | |
| 3L46 6746 POWERATED | 46 | 1168 | ● | |
| 3L47 6747 POWERATED | 47 | 1194 | ● | |
| 3L48 6748 POWERATED | 48 | 1219 | ● | |
| 3L49 6749 POWERATED | 49 | 1245 | ● | |
| 3L50 6750 POWERATED | 50 | 1270 | ● | |
| 3L51 6751 POWERATED | 51 | 1295 | | ● |
| 3L52 6752 POWERATED | 52 | 1321 | | ● |
| 3L53 6753 POWERATED | 53 | 1346 | | ● |
| 3L54 6754 POWERATED | 54 | 1372 | | ● |
| 3L55 6755 POWERATED | 55 | 1397 | | ● |
| 3L56 6756 POWERATED | 56 | 1422 | | ● |
| 3L57 6757 POWERATED | 57 | 1448 | | ● |
| 3L58 6758 POWERATED | 58 | 1473 | | ● |
| 3L59 6759 POWERATED | 59 | 1499 | | ● |
| 3L60 6760 POWERATED | 60 | 1524 | | ● |
| 3L61 6761 POWERATED | 61 | 1549 | ● | ● |
| 3L62 6762 POWERATED | 62 | 1575 | | ● |
| 3L63 6763 POWERATED | 63 | 1600 | | ● |
| 3L64 6764 POWERATED | 64 | 1626 | | ● |
| 3L65 6765 POWERATED | 65 | 1651 | | ● |

## 4L

| Description | Outside Length | Outside Length | Stock | New |
|---|---|---|---|---|
| | inch | mm | | |
| 4L17 6817 POWERATED | 17 | 432 | ● | |
| 4L18 6818 POWERATED | 18 | 457 | ● | |
| 4L19 6819 POWERATED | 19 | 483 | ● | |
| 4L20 6820 POWERATED | 20 | 508 | ● | |
| 4L21 6821 POWERATED | 21 | 533 | ● | |
| 4L22 6822 POWERATED | 22 | 559 | ● | |
| 4L23 6823 POWERATED | 23 | 584 | ● | |
| 4L24 6824 POWERATED | 24 | 610 | ● | |
| 4L25 6825 POWERATED | 25 | 635 | ● | |
| 4L26 6826 POWERATED | 26 | 660 | ● | |
| 4L27 6827 POWERATED | 27 | 686 | ● | |
| 4L28 6828 POWERATED | 28 | 711 | ● | |
| 4L29 6829 POWERATED | 29 | 737 | ● | |
| 4L30 6830 POWERATED | 30 | 762 | ● | |
| 4L31 6831 POWERATED | 31 | 787 | ● | |
| 4L32 6832 POWERATED | 32 | 813 | ● | |
| 4L33 6833 POWERATED | 33 | 838 | ● | |
| 4L34 6834 POWERATED | 34 | 864 | ● | |
| 4L35 6835 POWERATED | 35 | 889 | ● | |
| 4L36 6836 POWERATED | 36 | 914 | ● | |
| 4L37 6837 POWERATED | 37 | 940 | ● | |
| 4L38 6838 POWERATED | 38 | 965 | ● | |
| 4L39 6839 POWERATED | 39 | 991 | ● | |
| 4L40 6840 POWERATED | 40 | 1016 | ● | |
| 4L41 6841 POWERATED | 41 | 1041 | ● | |
| 4L42 6842 POWERATED | 42 | 1067 | ● | |
| 4L43 6843 POWERATED | 43 | 1092 | ● | |
| 4L44 6844 POWERATED | 44 | 1118 | ● | |
| 4L45 6845 POWERATED | 45 | 1143 | ● | |
| 4L46 6846 POWERATED | 46 | 1168 | ● | |
| 4L47 6847 POWERATED | 47 | 1194 | ● | |
| 4L48 6848 POWERATED | 48 | 1219 | ● | |
| 4L49 6849 POWERATED | 49 | 1245 | ● | |
| 4L50 6850 POWERATED | 50 | 1270 | ● | |
| 4L51 6851 POWERATED | 51 | 1295 | ● | |
| 4L52 6852 POWERATED | 52 | 1321 | ● | |
| 4L53 6853 POWERATED | 53 | 1346 | ● | |
| 4L54 6854 POWERATED | 54 | 1372 | ● | |
| 4L55 6855 POWERATED | 55 | 1397 | ● | |
| 4L56 6856 POWERATED | 56 | 1422 | ● | |
| 4L57 6857 POWERATED | 57 | 1448 | ● | |
| 4L58 6858 POWERATED | 58 | 1473 | ● | |
| 4L59 6859 POWERATED | 59 | 1499 | ● | |
| 4L60 6860 POWERATED | 60 | 1524 | ● | |
| 4L61 6861 POWERATED | 61 | 1549 | ● | |
| 4L62 6862 POWERATED | 62 | 1575 | ● | |
| 4L63 6863 POWERATED | 63 | 1600 | ● | |
| 4L64 6864 POWERATED | 64 | 1626 | ● | |
| 4L65 6865 POWERATED | 65 | 1651 | ● | |
| 4L66 6866 POWERATED | 66 | 1676 | ● | |
| 4L67 6867 POWERATED | 67 | 1702 | ● | |

## 4L (CONTINUED)

| Description | Outside Length | Outside Length | Stock | New |
|---|---|---|---|---|
| | inch | mm | | |
| 4L68 6868 POWERATED | 68 | 1727 | ● | ● |
| 4L69 6869 POWERATED | 69 | 1753 | ● | |
| 4L70 6870 POWERATED | 70 | 1778 | ● | |
| 4L71 6871 POWERATED | 71 | 1803 | ● | |
| 4L72 6872 POWERATED | 72 | 1829 | ● | |
| 4L73 6873 POWERATED | 73 | 1854 | ● | |
| 4L74 6874 POWERATED | 74 | 1880 | ● | |
| 4L75 6875 POWERATED | 75 | 1905 | ● | |
| 4L76 6876 POWERATED | 76 | 1930 | ● | |
| 4L77 6877 POWERATED | 77 | 1956 | ● | |
| 4L78 6878 POWERATED | 78 | 1981 | ● | |
| 4L79 6879 POWERATED | 79 | 2007 | ● | |
| 4L80 6880 POWERATED | 80 | 2032 | ● | |
| 4L81 6881 POWERATED | 81 | 2057 | ● | |
| 4L82 6882 POWERATED | 82 | 2083 | ● | |
| 4L83 6883 POWERATED | 83 | 2108 | ● | |
| 4L84 6884 POWERATED | 84 | 2134 | ● | |
| 4L85 6885 POWERATED | 85 | 2159 | ● | |
| 4L86 6886 POWERATED | 86 | 2184 | ● | |
| 4L87 6887 POWERATED | 87 | 2210 | ● | |
| 4L88 6888 POWERATED | 88 | 2235 | ● | |
| 4L89 6889 POWERATED | 89 | 2261 | ● | |
| 4L90 6890 POWERATED | 90 | 2286 | ● | |
| 4L91 6891 POWERATED | 91 | 2311 | ● | |
| 4L92 6892 POWERATED | 92 | 2337 | ● | |
| 4L93 6893 POWERATED | 93 | 2362 | ● | |
| 4L94 6894 POWERATED | 94 | 2388 | ● | |
| 4L95 6895 POWERATED | 95 | 2413 | ● | |
| 4L96 6896 POWERATED | 96 | 2438 | ● | |
| 4L97 6897 POWERATED | 97 | 2464 | ● | |
| 4L98 6898 POWERATED | 98 | 2489 | ● | |
| 4L99 6899 POWERATED | 99 | 2515 | ● | |
| 4L100 68100 POWERATED | 100 | 2540 | | ● |
| 4L105 68105 POWERATED | 105 | 2667 | | ● |
| 4L107 68107 POWERATED | 107 | 2718 | | ● |
| 4L117 68117 POWERATED | 117 | 2972 | | ● |

## 5L

| Description | Outside Length | Outside Length | Stock | New |
|---|---|---|---|---|
| | inch | mm | | |
| 5L23 6923 POWERATED | 23 | 584 | | ● |
| 5L24 6924 POWERATED | 24 | 610 | | ● |
| 5L25 6925 POWERATED | 25 | 635 | ● | |
| 5L26 6926 POWERATED | 26 | 660 | ● | |
| 5L27 6927 POWERATED | 27 | 686 | ● | |
| 5L28 6928 POWERATED | 28 | 711 | ● | |
| 5L29 6929 POWERATED | 29 | 737 | ● | |
| 5L30 6930 POWERATED | 30 | 762 | ● | |
| 5L31 6931 POWERATED | 31 | 787 | ● | |
| 5L32 6932 POWERATED | 32 | 813 | ● | |
| 5L33 6933 POWERATED | 33 | 838 | ● | |
| 5L34 6934 POWERATED | 34 | 864 | ● | |
| 5L35 6935 POWERATED | 35 | 889 | ● | |
| 5L36 6936 POWERATED | 36 | 914 | ● | |
| 5L37 6937 POWERATED | 37 | 940 | ● | |
| 5L38 6938 POWERATED | 38 | 965 | ● | |
| 5L39 6939 POWERATED | 39 | 991 | ● | |
| 5L40 6940 POWERATED | 40 | 1016 | ● | |
| 5L41 6941 POWERATED | 41 | 1041 | ● | |
| 5L42 6942 POWERATED | 42 | 1067 | ● | |
| 5L43 6943 POWERATED | 43 | 1092 | ● | |
| 5L44 6944 POWERATED | 44 | 1118 | ● | |
| 5L45 6945 POWERATED | 45 | 1143 | ● | |
| 5L46 6946 POWERATED | 46 | 1168 | ● | |
| 5L47 6947 POWERATED | 47 | 1194 | ● | |
| 5L48 6948 POWERATED | 48 | 1219 | ● | |
| 5L49 6949 POWERATED | 49 | 1245 | ● | |
| 5L50 6950 POWERATED | 50 | 1270 | ● | |
| 5L51 6951 POWERATED | 51 | 1295 | ● | |
| 5L52 6952 POWERATED | 52 | 1321 | ● | |
| 5L53 6953 POWERATED | 53 | 1346 | ● | |
| 5L54 6954 POWERATED | 54 | 1372 | ● | |
| 5L55 6955 POWERATED | 55 | 1397 | ● | |
| 5L56 6956 POWERATED | 56 | 1422 | ● | |
| 5L57 6957 POWERATED | 57 | 1448 | ● | |
| 5L58 6958 POWERATED | 58 | 1473 | ● | |
| 5L59 6959 POWERATED | 59 | 1499 | ● | |
| 5L60 6960 POWERATED | 60 | 1524 | ● | |
| 5L61 6961 POWERATED | 61 | 1549 | ● | |
| 5L62 6962 POWERATED | 62 | 1575 | ● | |
| 5L63 6963 POWERATED | 63 | 1600 | ● | |
| 5L64 6964 POWERATED | 64 | 1626 | ● | |
| 5L65 6965 POWERATED | 65 | 1651 | ● | |
| 5L66 6966 POWERATED | 66 | 1676 | ● | |
| 5L67 6967 POWERATED | 67 | 1702 | ● | |
| 5L68 6968 POWERATED | 68 | 1727 | ● | |
| 5L69 6969 POWERATED | 69 | 1753 | ● | |
| 5L70 6970 POWERATED | 70 | 1778 | ● | |
| 5L71 6971 POWERATED | 71 | 1803 | ● | |
| 5L72 6972 POWERATED | 72 | 1829 | ● | |
| 5L73 6973 POWERATED | 73 | 1854 | ● | |

## 5L (CONTINUED)

| Description | Outside Length | Outside Length | Stock | New |
|---|---|---|---|---|
| | inch | mm | | |
| 5L74 6974 POWERATED | 74 | 1880 | ● | |
| 5L75 6975 POWERATED | 75 | 1905 | ● | |
| 5L76 6976 POWERATED | 76 | 1930 | ● | |
| 5L77 6977 POWERATED | 77 | 1956 | ● | |
| 5L78 6978 POWERATED | 78 | 1981 | ● | |
| 5L79 6979 POWERATED | 79 | 2007 | ● | |
| 5L80 6980 POWERATED | 80 | 2032 | ● | |
| 5L81 6981 POWERATED | 81 | 2057 | ● | |
| 5L82 6982 POWERATED | 82 | 2083 | ● | |
| 5L83 6983 POWERATED | 83 | 2108 | ● | |
| 5L84 6984 POWERATED | 84 | 2134 | ● | |
| 5L85 6985 POWERATED | 85 | 2159 | ● | |
| 5L86 6986 POWERATED | 86 | 2184 | ● | |
| 5L87 6987 POWERATED | 87 | 2210 | ● | |
| 5L88 6988 POWERATED | 88 | 2235 | ● | |
| 5L89 6989 POWERATED | 89 | 2261 | ● | |
| 5L90 6990 POWERATED | 90 | 2286 | ● | |
| 5L91 6991 POWERATED | 91 | 2311 | ● | |
| 5L92 6992 POWERATED | 92 | 2337 | ● | |
| 5L93 6993 POWERATED | 93 | 2362 | ● | |
| 5L94 6994 POWERATED | 94 | 2388 | ● | |
| 5L95 6995 POWERATED | 95 | 2413 | ● | |
| 5L96 6996 POWERATED | 96 | 2438 | ● | |
| 5L97 6997 POWERATED | 97 | 2464 | ● | |
| 5L98 6998 POWERATED | 98 | 2489 | ● | |
| 5L99 6999 POWERATED | 99 | 2515 | ● | |

## 3M

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | 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 | ● | |
| 3M450 | 450 | ● | |
| 3M462 | 462 | ● | |
| 3M475 | 475 | ● | |
| 3M487 | 487 | ● | |
| 3M500 | 500 | ● | |
| 3M515 | 515 | ● | |
| 3M530 | 530 | ● | |
| 3M545 | 545 | ● | |
| 3M560 | 560 | ● | |
| 3M580 | 580 | ● | |
| 3M600 | 600 | ● | |
| 3M615 | 615 | ● | |
| 3M630 | 630 | ● | |
| 3M650 | 650 | ● | |
| 3M670 | 670 | ● | |
| 3M690 | 690 | ● | |
| 3M710 | 710 | ● | |
| 3M730 | 730 | ● | |
| 3M750 | 750 | ● | |

## 5M

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | 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 | ● | |
| 5M710 | 710 | ● | |
| 5M730 | 730 | ● | |
| 5M750 | 750 | ● | |
| 5M775 | 775 | ● | |
| 5M800 | 800 | ● | |
| 5M825 | 825 | ● | |
| 5M850 | 850 | ● | |
| 5M875 | 875 | ● | |
| 5M900 | 900 | ● | |
| 5M925 | 925 | ● | |
| 5M950 | 950 | ● | |
| 5M975 | 975 | ● | |
| 5M1000 | 1000 | ● | |
| 5M1030 | 1030 | ● | |
| 5M1060 | 1060 | ● | |
| 5M1090 | 1090 | ● | |
| 5M1120 | 1120 | ● | |
| 5M1150 | 1150 | ● | |
| 5M1180 | 1180 | ● | |

## 5M (CONTINUED)

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 5M1220 | 1220 | ● | |
| 5M1250 | 1250 | ● | |
| 5M1280 | 1280 | ● | |
| 5M1320 | 1320 | ● | |
| 5M1360 | 1360 | ● | |
| 5M1400 | 1400 | ● | |
| 5M1450 | 1450 | ● | |
| 5M1500 | 1500 | ● | |
| 5M1600 | 1600 | ● | |
| 5M1650 | 1650 | ● | |
| 5M1850 | 1850 | ● | |

## 7M

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 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 | ● | |
| 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 | ● | |

## 11M

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | 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 | ● | |
| 11M1180 | 1180 | ● | |
| 11M1220 | 1220 | ● | |
| 11M1250 | 1250 | ● | |
| 11M1280 | 1280 | ● | |
| 11M1320 | 1320 | ● | |
| 11M1360 | 1360 | ● | |
| 11M1400 | 1400 | ● | |
| 11M1450 | 1450 | ● | |
| 11M1500 | 1500 | ● | |
| 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 | ● | |

## 3M-JB

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 3M175 | 175 | | |
| 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 | | |
| 3M319 | 319 | | |
| 3M325 | 325 | | |
| 3M335 | 335 | | |
| 3M345 | 345 | | |
| 3M350 | 350 | | |
| 3M355 | 355 | | |
| 3M365 | 365 | | |
| 3M375 | 375 | | |
| 3M387 | 387 | | |
| 3M400 | 400 | | |
| 3M406 | 406 | | |
| 3M412 | 412 | | |
| 3M425 | 425 | | |
| 3M437 | 437 | | |
| 3M450 | 450 | | |
| 3M462 | 462 | | |
| 3M475 | 475 | | |
| 3M487 | 487 | | |
| 3M500 | 500 | | |
| 3M515 | 515 | | |
| 3M530 | 530 | | |
| 3M545 | 545 | | |
| 3M553 | 553 | | |
| 3M560 | 560 | | |
| 3M580 | 580 | | |
| 3M600 | 600 | | |
| 3M615 | 615 | | |
| 3M630 | 630 | | |
| 3M650 | 650 | | |

## 3M-JB (CONTINUED)

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 3M670 | 670 | | |
| 3M690 | 690 | | |
| 3M710 | 710 | | |
| 3M730 | 730 | | |
| 3M750 | 750 | | |

## 5M-JB

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | 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 | | |
| 5M710 | 710 | | |
| 5M730 | 730 | | |
| 5M750 | 750 | | |
| 5M775 | 775 | | |
| 5M800 | 800 | | |
| 5M825 | 825 | | |
| 5M850 | 850 | | |
| 5M875 | 875 | | |
| 5M900 | 900 | | |
| 5M925 | 925 | | |
| 5M950 | 950 | | |
| 5M975 | 975 | | |
| 5M1000 | 1000 | | |
| 5M1030 | 1030 | | |
| 5M1060 | 1060 | | |
| 5M1090 | 1090 | | |
| 5M1120 | 1120 | | |
| 5M1150 | 1150 | | |
| 5M1180 | 1180 | | |

## 5M-JB (CONTINUED)

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 5M1220 | 1220 | | |
| 5M1250 | 1250 | | |
| 5M1280 | 1280 | | |
| 5M1320 | 1320 | | |
| 5M1360 | 1360 | | |
| 5M1400 | 1400 | | |
| 5M1450 | 1450 | | |
| 5M1500 | 1500 | | |

## 7M-JB

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 7M500 | 490 | | |
| 7M515 | 505 | | |
| 7M530 | 520 | | |
| 7M545 | 535 | | |
| 7M560 | 550 | | |
| 7M580 | 570 | | |
| 7M600 | 590 | | |
| 7M615 | 605 | | |
| 7M630 | 620 | | |
| 7M650 | 640 | | |
| 7M670 | 660 | | |
| 7M690 | 680 | | |
| 7M710 | 703 | | |
| 7M730 | 723 | | |
| 7M750 | 743 | | |
| 7M775 | 768 | | |
| 7M800 | 793 | | |
| 7M825 | 818 | | |
| 7M850 | 843 | | |
| 7M875 | 868 | | |
| 7M900 | 893 | | |
| 7M925 | 918 | | |
| 7M950 | 943 | | |
| 7M975 | 968 | | |
| 7M1000 | 993 | | |
| 7M1030 | 1023 | | |
| 7M1060 | 1053 | | |
| 7M1090 | 1083 | | |
| 7M1120 | 1113 | | |
| 7M1150 | 1143 | | |
| 7M1180 | 1173 | | |
| 7M1220 | 1213 | | |
| 7M1250 | 1243 | | |
| 7M1280 | 1273 | | |
| 7M1320 | 1313 | | |
| 7M1360 | 1353 | | |
| 7M1400 | 1393 | | |
| 7M1450 | 1443 | | |
| 7M1500 | 1493 | | |
| 7M1550 | 1543 | | |
| 7M1600 | 1593 | | |
| 7M1650 | 1643 | | |
| 7M1700 | 1693 | | |
| 7M1750 | 1743 | | |
| 7M1800 | 1793 | | |
| 7M1850 | 1843 | | |
| 7M1900 | 1893 | | |
| 7M1950 | 1943 | | |
| 7M2000 | 1993 | | |
| 7M2060 | 2053 | | |
| 7M2120 | 2113 | | |
| 7M2180 | 2173 | | |
| 7M2240 | 2233 | | |
| 7M2300 | 2293 | | |

## 11M-JB

| Description | Effective Length | Stock | New |
|---|---|---|---|
| | mm | | |
| 11M710 | 692 | | |
| 11M730 | 712 | | |
| 11M750 | 732 | | |
| 11M775 | 757 | | |
| 11M800 | 782 | | |
| 11M825 | 807 | | |
| 11M850 | 832 | | |
| 11M875 | 857 | | |
| 11M900 | 882 | | |
| 11M925 | 907 | | |
| 11M950 | 932 | | |
| 11M975 | 957 | | |
| 11M1000 | 982 | | |
| 11M1030 | 1012 | | |
| 11M1060 | 1042 | | |
| 11M1090 | 1072 | | |
| 11M1120 | 1102 | | |
| 11M1150 | 1132 | | |
| 11M1180 | 1162 | | |
| 11M1220 | 1202 | | |
| 11M1250 | 1232 | | |
| 11M1280 | 1262 | | |
| 11M1320 | 1302 | | |
| 11M1360 | 1342 | | |
| 11M1400 | 1382 | | |
| 11M1450 | 1432 | | |
| 11M1500 | 1482 | | |
| 11M1550 | 1532 | | |
| 11M1600 | 1582 | | |
| 11M1650 | 1632 | | |
| 11M1700 | 1682 | | |
| 11M1750 | 1732 | | |
| 11M1800 | 1782 | | |
| 11M1850 | 1832 | | |
| 11M1900 | 1882 | | |
| 11M1950 | 1932 | | |
| 11M2000 | 1982 | | |
| 11M2060 | 2042 | | |
| 11M2120 | 2102 | | |
| 11M2180 | 2162 | | |
| 11M2240 | 2222 | | |
| 11M2300 | 2282 | | |

## PJ

| Description | Description | Effective Length | Stock | New |
|---|---|---|---|---|
| DIN 7867 | RMA | mm | | |
| PJ356 | 140J | 356 | ● | |
| PJ381 | 150J | 381 | ● | |
| PJ406 | 160J | 406 | ● | |
| PJ432 | 170J | 432 | ● | |
| PJ457 | 180J | 457 | ● | |
| PJ483 | 190J | 483 | ● | |
| PJ508 | 200J | 508 | ● | |
| PJ559 | 220J | 559 | ● | |
| PJ584 | 230J | 584 | ● | |
| PJ610 | 240J | 610 | ● | |
| PJ660 | 260J | 660 | ● | |
| PJ711 | 280J | 711 | ● | |
| PJ723 | 285J | 723 | ● | |
| PJ737 | 290J | 737 | ● | |
| PJ762 | 300J | 762 | ● | |
| PJ813 | 320J | 813 | ● | |
| PJ838 | 330J | 838 | ● | |
| PJ864 | 340J | 864 | ● | |
| PJ914 | 360J | 914 | ● | |
| PJ955 | 376J | 955 | ● | |
| PJ965 | 380J | 965 | ● | |
| PJ1016 | 400J | 1016 | ● | |
| PJ1041 | 410J | 1041 | ● | |
| PJ1067 | 420J | 1067 | ● | |
| PJ1092 | 430J | 1092 | ● | |
| PJ1105 | 435J | 1105 | ● | |
| PJ1110 | 437J | 1110 | ● | |
| PJ1118 | 440J | 1118 | ● | |
| PJ1123 | 442J | 1123 | ● | |
| PJ1130 | 445J | 1130 | ● | |
| PJ1136 | 447J | 1136 | ● | |
| PJ1150 | 453J | 1150 | ● | |
| PJ1168 | 460J | 1168 | ● | |
| PJ1194 | 470J | 1194 | ● | |
| PJ1200 | 473J | 1200 | ● | |
| PJ1222 | 480J | 1222 | ● | |
| PJ1233 | 485J | 1233 | ● | |
| PJ1244 | 490J | 1244 | ● | |
| PJ1262 | 497J | 1262 | ● | |
| PJ1270 | 500J | 1270 | ● | |
| PJ1280 | 504J | 1280 | ● | |
| PJ1300 | 512J | 1300 | ● | |
| PJ1309 | 515J | 1309 | ● | |
| PJ1321 | 520J | 1321 | ● | |
| PJ1333 | 525J | 1333 | ● | |
| PJ1355 | 534J | 1355 | ● | |
| PJ1371 | 540J | 1371 | ● | |
| PJ1397 | 550J | 1397 | ● | |
| PJ1428 | 562J | 1428 | ● | |
| PJ1439 | 567J | 1439 | ● | |
| PJ1473 | 580J | 1473 | ● | |

## PJ (CONTINUED)

| Description | Description | Effective Length | Stock | New |
|---|---|---|---|---|
| DIN 7867 | RMA | mm | | |
| PJ1549 | 610J | 1549 | ● | |
| PJ1600 | 630J | 1600 | ● | |
| PJ1651 | 650J | 1651 | ● | |
| PJ1663 | 655J | 1663 | ● | |
| PJ1752 | 690J | 1752 | ● | |
| PJ1854 | 730J | 1854 | ● | |
| PJ1895 | 746J | 1895 | ● | |
| PJ1910 | 752J | 1910 | ● | |
| PJ1930 | 760J | 1930 | ● | |
| PJ1956 | 770J | 1956 | ● | |
| PJ1981 | 780J | 1981 | ● | |
| PJ1992 | 784J | 1992 | ● | |
| PJ2083 | 820J | 2083 | ● | |
| PJ2210 | 870J | 2210 | ● | |
| PJ2337 | 920J | 2337 | ● | |
| PJ2489 | 980J | 2489 | ● | |

| | Standard available in number of ribs | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # of ribs | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 24 | 28 | 30 | 32 |
| PJ | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| PL | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | | |
| PM | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | |

## PK

| Description | Effective Length | Slab Width | Stock | New |
|---|---|---|---|---|
| DIN 7867 | mm | ribs | | |
| PK630 | 630 | 324 (4x81) | | |
| PK650 | 650 | 324 (4x81) | | |
| PK675 | 675 | 324 (4x81) | | |
| PK698 | 698 | 324 (4x81) | | |
| PK700 | 700 | 324 (4x81) | | |
| PK730 | 730 | 324 (4x81) | | |
| PK755 | 755 | 324 (4x81) | | |
| PK775 | 775 | 324 (4x81) | | |
| PK800 | 800 | 324 (4x81) | | |
| PK812 | 812 | 324(4x81) | | |
| PK830 | 830 | 324 (4x81) | | |
| PK845 | 845 | 324 (4x81) | | |
| PK865 | 865 | 324 (4x81) | | |
| PK870 | 870 | 324 (4x81) | | |
| PK875 | 875 | 324 (4x81) | | |
| PK885 | 885 | 324 (4x81) | | |
| PK890 | 890 | 324 (4x81) | | |
| PK920 | 920 | 324 (4x81) | | |
| PK925 | 925 | 324 (4x81) | | |
| PK950 | 950 | 324 (4x81) | | |
| PK954 | 954 | 324 (4x81) | | |
| PK963 | 963 | 324 (4x81) | | |
| PK970 | 970 | 324 (4x81) | | |
| PK1000 | 1000 | 324 (4x81) | | |
| PK1015 | 1015 | 324 (4x81) | | |
| PK1035 | 1035 | 324 (4x81) | | |
| PK1060 | 1060 | 324 (4x81) | | |
| PK1080 | 1080 | 324 (4x81) | | |
| PK1090 | 1090 | 324 (4x81) | | |
| PK1125 | 1125 | 324 (4x81) | | |
| PK1145 | 1145 | 324 (4x81) | | |
| PK1150 | 1150 | 324 (4x81) | | |
| PK1165 | 1165 | 324 (4x81) | | |
| PK1190 | 1190 | 324 (4x81) | | |
| PK1200 | 1200 | 324 (4x81) | | |
| PK1222 | 1222 | 324 (4x81) | | |
| PK1230 | 1230 | 324 (4x81) | | |
| PK1245 | 1245 | 324 (4x81) | | |
| PK1270 | 1270 | 324 (4x81) | | |
| PK1300 | 1300 | 324 (4x81) | | |
| PK1330 | 1330 | 324 (4x81) | | |
| PK1335 | 1335 | 324 (4x81) | | |
| PK1345 | 1345 | 324 (4x81) | | |
| PK1385 | 1385 | 324 (4x81) | | |
| PK1420 | 1420 | 324 (4x81) | | |
| PK1460 | 1460 | 324 (4x81) | | |
| PK1470 | 1470 | 324 (4x81) | | |
| PK1480 | 1480 | 324 (4x81) | | |
| PK1490 | 1490 | 324 (4x81) | | |
| PK1520 | 1520 | 324 (4x81) | | |
| PK1555 | 1555 | 324 (4x81) | | |

## PK (CONTINUED)

| Description | Effective Length | Slab Width | Stock | New |
|---|---|---|---|---|
| DIN 7867 | mm | ribs | | |
| PK1560 | 1560 | 324 (4x81) | | |
| PK1570 | 1570 | 324 (4x81) | | |
| PK1610 | 1610 | 324 (4x81) | | |
| PK1655 | 1655 | 324 (4x81) | | |
| PK1690 | 1690 | 324 (4x81) | | |
| PK1700 | 1700 | 324 (4x81) | | |
| PK1725 | 1725 | 324 (4x81) | | |
| PK1755 | 1755 | 324 (4x81) | | |
| PK1800 | 1800 | 324 (4x81) | | |
| PK1860 | 1860 | 280 (4x70) | | |
| PK1885 | 1885 | 280 (4x70) | | |
| PK1890 | 1890 | 280 (4x70) | | |
| PK1900 | 1900 | 280 (4x70) | | |
| PK1930 | 1930 | 280 (4x70) | | |
| PK1980 | 1980 | 280 (4x70) | | |
| PK2050 | 2050 | 280 (4x70) | | |
| PK2080 | 2080 | 280 (4x70) | | |
| PK2120 | 2120 | 280 (4x70) | | |
| PK2145 | 2145 | 280 (4x70) | | |
| PK2235 | 2235 | 280 (4x70) | | |
| PK2280 | 2280 | 280 (4x70) | | |
| PK2330 | 2330 | 280 (4x70) | | |
| PK2420 | 2420 | 280 (4x70) | | |
| PK2490 | 2490 | 280 (4x70) | | |

## PL

| Description | Description | Effective Length | Stock | New |
|---|---|---|---|---|
| DIN 7867 | RMA | mm | | |
| PL954 | 375L | 954 | ● | |
| PL991 | 390L | 991 | ● | |
| PL1075 | 423L | 1075 | ● | |
| PL1270 | 500L | 1270 | ● | |
| PL1333 | 525L | 1333 | ● | |
| PL1371 | 540L | 1371 | ● | |
| PL1397 | 550L | 1397 | ● | |
| PL1422 | 560L | 1422 | ● | |
| PL1562 | 615L | 1562 | ● | |
| PL1613 | 635L | 1613 | ● | |
| PL1664 | 655L | 1664 | ● | |
| PL1715 | 675L | 1715 | ● | |
| PL1765 | 695L | 1765 | ● | |
| PL1803 | 710L | 1803 | ● | |
| PL1842 | 725L | 1842 | ● | |
| PL1943 | 765L | 1943 | ● | |
| PL1981 | 780L | 1981 | ● | |
| PL2019 | 795L | 2019 | ● | |
| PL2070 | 815L | 2070 | ● | |
| PL2096 | 825L | 2096 | ● | |
| PL2134 | 840L | 2134 | ● | |
| PL2197 | 865L | 2197 | ● | |
| PL2235 | 880L | 2235 | ● | |
| PL2324 | 915L | 2324 | ● | |
| PL2362 | 930L | 2362 | ● | |
| PL2476 | 975L | 2476 | ● | |
| PL2515 | 990L | 2515 | ● | |
| PL2705 | 1065L | 2705 | ● | |
| PL2743 | 1080L | 2743 | ● | |
| PL2845 | 1120L | 2845 | ● | |
| PL2895 | 1140L | 2895 | ● | |
| PL2921 | 1150L | 2921 | ● | |
| PL2997 | 1180L | 2997 | ● | |
| PL3086 | 1215L | 3086 | ● | |
| PL3125 | 1230L | 3125 | ● | |
| PL3289 | 1295L | 3289 | ● | |
| PL3327 | 1310L | 3327 | ● | |
| PL3493 | 1375L | 3493 | ● | |
| PL3696 | 1455L | 3696 | ● | |

| Standard available in number of ribs | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # of ribs | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 24 | 28 | 30 | 32 |
| PJ | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| PL | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | | |
| PM | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | |

## PM

| Description | Description | Effective Length | Stock | New |
|---|---|---|---|---|
| DIN 7867 | RMA | mm | | |
| PM2286 | 900M | 2286 | ● | |
| PM2388 | 940M | 2388 | ● | |
| PM2515 | 990M | 2515 | ● | |
| PM2693 | 1060M | 2693 | ● | |
| PM2832 | 1115M | 2832 | ● | ● |
| PM2921 | 1150M | 2921 | ● | |
| PM3010 | 1185M | 3010 | ● | |
| PM3124 | 1230M | 3124 | ● | |
| PM3327 | 1310M | 3327 | ● | |
| PM3531 | 1390M | 3531 | ● | |
| PM3734 | 1470M | 3734 | ● | |
| PM4089 | 1610M | 4089 | ● | |
| PM4191 | 1650M | 4191 | ● | |
| PM4470 | 1760M | 4470 | ● | |
| PM4648 | 1830M | 4648 | ● | |
| PM5029 | 1980M | 5029 | ● | |
| PM5410 | 2130M | 5410 | ● | |
| PM6121 | 2410M | 6121 | ● | |
| PM6502 | 2560M | 6502 | ● | |
| PM6883 | 2710M | 6883 | ● | |
| PM7646 | 3010M | 7646 | ● | |
| PM8408 | 3310M | 8408 | ● | |
| PM9169 | 3610M | 9169 | ● | |
| PM9931 | 3910M | 9931 | ● | |

| Standard available in number of ribs | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # of ribs | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 24 | 28 | 30 | 32 |
| PJ | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| PL | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | | |
| PM | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | |

# 7. SYNCHRONOUS BELTS SIZE LIST

## 8MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 8MGTV-640 | 640 | 80 | ● | |
| 8MGTV-720 | 720 | 90 | ● | |
| 8MGTV-800 | 800 | 100 | ● | |
| 8MGTV-896 | 896 | 112 | ● | |
| 8MGTV-960 | 960 | 120 | ● | |
| 8MGTV-1000 | 1000 | 125 | ● | |
| 8MGTV-1040 | 1040 | 130 | ● | |
| 8MGTV-1120 | 1120 | 140 | ● | |
| 8MGTV-1200 | 1200 | 150 | ● | |
| 8MGTV-1224 | 1224 | 153 | ● | |
| 8MGTV-1280 | 1280 | 160 | ● | |
| 8MGTV-1440 | 1440 | 180 | ● | |
| 8MGTV-1600 | 1600 | 200 | ● | |
| 8MGTV-1760 | 1760 | 220 | ● | |
| 8MGTV-1792 | 1792 | 224 | ● | |
| 8MGTV-2000 | 2000 | 250 | ● | |
| 8MGTV-2200 | 2200 | 275 | ● | |
| 8MGTV-2240 | 2240 | 280 | ● | |
| 8MGTV-2400 | 2400 | 300 | ● | |
| 8MGTV-2520 | 2520 | 315 | ● | |
| 8MGTV-2600 | 2600 | 325 | ● | |
| 8MGTV-2800 | 2800 | 350 | ● | |
| 8MGTV-2840 | 2840 | 355 | ● | |
| 8MGTV-3048 | 3048 | 381 | ● | |
| 8MGTV-3200 | 3200 | 400 | ● | |
| 8MGTV-3280 | 3280 | 410 | ● | |
| 8MGTV-3600 | 3600 | 450 | ● | |
| 8MGTV-4000 | 4000 | 500 | ● | |
| 8MGTV-4400 | 4400 | 550 | ● | |
| 8MGTV-4480 | 4480 | 560 | ● | |

| Standard widths* |
|---|
| mm |
| 12 |
| 21 |
| 36 |
| 62 |

* Other widths available on request.

## 14MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 14MGTV-994 | 994 | 71 | ● | |
| 14MGTV-1120 | 1120 | 80 | ● | |
| 14MGTV-1190 | 1190 | 85 | ● | |
| 14MGTV-1260 | 1260 | 90 | ● | |
| 14MGTV-1400 | 1400 | 100 | ● | |
| 14MGTV-1568 | 1568 | 112 | ● | |
| 14MGTV-1610 | 1610 | 115 | ● | |
| 14MGTV-1750 | 1750 | 125 | ● | |
| 14MGTV-1890 | 1890 | 135 | ● | |
| 14MGTV-1960 | 1960 | 140 | ● | |
| 14MGTV-2100 | 2100 | 150 | ● | |
| 14MGTV-2240 | 2240 | 160 | ● | |
| 14MGTV-2310 | 2310 | 165 | ● | |
| 14MGTV-2380 | 2380 | 170 | ● | |
| 14MGTV-2450 | 2450 | 175 | ● | |
| 14MGTV-2520 | 2520 | 180 | ● | |
| 14MGTV-2590 | 2590 | 185 | ● | |
| 14MGTV-2660 | 2660 | 190 | ● | |
| 14MGTV-2730 | 2730 | 195 | ● | ● |
| 14MGTV-2800 | 2800 | 200 | ● | |
| 14MGTV-2828 | 2828 | 202 | ● | ● |
| 14MGTV-3136 | 3136 | 224 | ● | |
| 14MGTV-3304 | 3304 | 236 | ● | |
| 14MGTV-3360 | 3360 | 240 | ● | |
| 14MGTV-3500 | 3500 | 250 | ● | |
| 14MGTV-3850 | 3850 | 275 | ● | |
| 14MGTV-3920 | 3920 | 280 | ● | |
| 14MGTV-4326 | 4326 | 309 | ● | |
| 14MGTV-4410 | 4410 | 315 | ● | |

| Standard widths* |
|---|
| mm |
| 20 |
| 37 |
| 68 |
| 90 |
| 125 |

* Other widths available on request.

# MINI POLY CHAIN® GT CARBON™ 8MGT

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

## 8MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 8MC-248 | 248 | 31 | ● | |
| 8MC-288 | 288 | 36 | ● | |
| 8MC-352 | 352 | 44 | ● | |
| 8MC-416 | 416 | 52 | ● | |
| 8MC-456 | 456 | 57 | ● | |
| 8MC-480 | 480 | 60 | ● | |
| 8MC-544 | 544 | 68 | ● | |
| 8MC-608 | 608 | 76 | ● | |

| Standard widths* |
|---|
| mm |
| 11.2 |
| 12 |
| 21 |
| 36 |
| 62 |

* Other widths available on request.

# POLY CHAIN® GT CARBON™ 5MGT

POLYURETHANE SYNCHRONOUS BELT WITH OPTIMISED CURVILINEAR GT TOOTH PROFILE

## 5MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 5MGTC-300 | 300 | 60 | ● | ● |
| 5MGTC-375 | 375 | 75 | ● | ● |
| 5MGTC-425 | 425 | 85 | ● | ● |
| 5MGTC-500 | 500 | 100 | ● | ● |
| 5MGTC-535 | 535 | 107 | ● | ● |
| 5MGTC-600 | 600 | 120 | ● | ● |
| 5MGTC-635 | 635 | 127 | ● | ● |
| 5MGTC-700 | 700 | 140 | ● | ● |
| 5MGTC-815 | 815 | 163 | ● | ● |

| Standard widths* |
|---|
| mm |
| 9 |
| 15 |
| 25 |

* Other widths available on request.

## 14MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 14MGTC-4578 | 4578 | 327 | | ● |
| 14MGTC-4956 | 4956 | 354 | | ● |
| 14MGTC-5740 | 5740 | 410 | | ● |
| 14MGTC-6160 | 6160 | 440 | | ● |
| 14MGTC-6860 | 6860 | 490 | | ● |
| 14MGTC-7560 | 7560 | 540 | | ● |
| 14MGTC-8260 | 8260 | 590 | | ● |
| 14MGTC-8960 | 8960 | 640 | | ● |
| 14MGTC-9660 | 9660 | 690 | | ● |

| Standard widths* |
|---|
| mm |
| 37 |
| 68 |
| 90 |
| 125 |

* Other widths available on request.

## 19MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 19MGTC-4408 | 4408 | 232 | | ● |
| 19MGTC-4522 | 4522 | 238 | | ● |
| 19MGTC-4902 | 4902 | 258 | | ● |
| 19MGTC-5111 | 5111 | 269 | | ● |
| 19MGTC-5301 | 5301 | 279 | | ● |
| 19MGTC-5491 | 5491 | 289 | | ● |
| 19MGTC-5662 | 5662 | 298 | | ● |
| 19MGTC-5890 | 5890 | 310 | | ● |
| 19MGTC-6080 | 6080 | 320 | | ● |
| 19MGTC-6270 | 6270 | 330 | | ● |
| 19MGTC-6650 | 6650 | 350 | | ● |

| Standard widths* |
|---|
| mm |
| 100 |
| 150 |
| 200 |
| 250 |
| 300 |

* Other widths available on request.

## 8MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 8MGT-640 | 640 | 80 | ● | |
| 8MGT-720 | 720 | 90 | ● | |
| 8MGT-800 | 800 | 100 | ● | |
| 8MGT-896 | 896 | 112 | ● | |
| 8MGT-960 | 960 | 120 | ● | |
| 8MGT-1000 | 1000 | 125 | ● | |
| 8MGT-1040 | 1040 | 130 | ● | |
| 8MGT-1120 | 1120 | 140 | ● | |
| 8MGT-1200 | 1200 | 150 | ● | |
| 8MGT-1224 | 1224 | 153 | ● | |
| 8MGT-1280 | 1280 | 160 | ● | |
| 8MGT-1440 | 1440 | 180 | ● | |
| 8MGT-1600 | 1600 | 200 | ● | |
| 8MGT-1760 | 1760 | 220 | ● | |
| 8MGT-1792 | 1792 | 224 | ● | |
| 8MGT-2000 | 2000 | 250 | ● | |
| 8MGT-2200 | 2200 | 275 | ● | |
| 8MGT-2240 | 2240 | 280 | ● | |
| 8MGT-2400 | 2400 | 300 | ● | |
| 8MGT-2520 | 2520 | 315 | ● | |
| 8MGT-2600 | 2600 | 325 | ● | |
| 8MGT-2800 | 2800 | 350 | ● | |
| 8MGT-2840 | 2840 | 355 | ● | |
| 8MGT-3048 | 3048 | 381 | ● | |
| 8MGT-3200 | 3200 | 400 | ● | |
| 8MGT-3280 | 3280 | 410 | ● | |
| 8MGT-3600 | 3600 | 450 | ● | |
| 8MGT-4000 | 4000 | 500 | ● | |
| 8MGT-4400 | 4400 | 550 | ● | |
| 8MGT-4480 | 4480 | 560 | ● | |

| Standard widths* |
|---|
| mm |
| 12 |
| 21 |
| 36 |
| 62 |

* Other widths available on request.

## 14MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 14MGT-994 | 994 | 71 | ● | |
| 14MGT-1120 | 1120 | 80 | ● | |
| 14MGT-1190 | 1190 | 85 | ● | |
| 14MGT-1260 | 1260 | 90 | ● | |
| 14MGT-1400 | 1400 | 100 | ● | |
| 14MGT-1568 | 1568 | 112 | ● | |
| 14MGT-1610 | 1610 | 115 | ● | |
| 14MGT-1750 | 1750 | 125 | ● | |
| 14MGT-1890 | 1890 | 135 | ● | |
| 14MGT-1960 | 1960 | 140 | ● | |
| 14MGT-2100 | 2100 | 150 | ● | |
| 14MGT-2240 | 2240 | 160 | ● | |
| 14MGT-2310 | 2310 | 165 | ● | |
| 14MGT-2380 | 2380 | 170 | ● | |
| 14MGT-2450 | 2450 | 175 | ● | |
| 14MGT-2520 | 2520 | 180 | ● | |
| 14MGT-2590 | 2590 | 185 | ● | |
| 14MGT-2660 | 2660 | 190 | ● | |
| 14MGT-2800 | 2800 | 200 | ● | |
| 14MGT-3136 | 3136 | 224 | ● | |
| 14MGT-3304 | 3304 | 236 | ● | |
| 14MGT-3360 | 3360 | 240 | ● | |
| 14MGT-3500 | 3500 | 250 | ● | |
| 14MGT-3850 | 3850 | 275 | ● | |
| 14MGT-3920 | 3920 | 280 | ● | |
| 14MGT-4326 | 4326 | 309 | ● | |
| 14MGT-4410 | 4410 | 315 | ● | |

| Standard widths |
|---|
| mm |
| 20 |
| 37 |
| 68 |
| 90 |
| 125 |

## 8MX

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 264-8MX | 264 | 33 | | ● |
| 320-8MX | 320 | 40 | | ● |
| 376-8MX | 376 | 47 | ● | ● |
| 384-8MX | 384 | 48 | ● | ● |
| 424-8MX | 424 | 53 | ● | ● |
| 480-8MX | 480 | 60 | ● | ● |
| 512-8MX | 512 | 64 | ● | ● |
| 520-8MX | 520 | 65 | ● | ● |
| 560-8MX | 560 | 70 | ● | ● |
| 576-8MX | 576 | 72 | ● | ● |
| 600-8MX | 600 | 75 | ● | ● |
| 608-8MX | 608 | 76 | ● | ● |
| 624-8MX | 624 | 78 | ● | ● |
| 640-8MX | 640 | 80 | ● | ● |
| 656-8MX | 656 | 82 | ● | ● |
| 720-8MX | 720 | 90 | ● | ● |
| 760-8MX | 760 | 95 | ● | ● |
| 776-8MX | 776 | 97 | ● | ● |
| 800-8MX | 800 | 100 | ● | ● |
| 856-8MX | 856 | 107 | | ● |
| 840-8MX | 840 | 105 | ● | ● |
| 880-8MX | 880 | 110 | ● | ● |
| 912-8MX | 912 | 114 | ● | ● |
| 920-8MX | 920 | 115 | ● | ● |
| 960-8MX | 960 | 120 | ● | ● |
| 968-8MX | 968 | 121 | ● | ● |
| 976-8MX | 976 | 122 | ● | ● |
| 1000-8MX | 1000 | 125 | ● | ● |
| 1040-8MX | 1040 | 130 | ● | ● |
| 1064-8MX | 1064 | 133 | ● | ● |
| 1080-8MX | 1080 | 135 | ● | ● |
| 1120-8MX | 1120 | 140 | ● | ● |
| 1128-8MX | 1128 | 141 | ● | ● |
| 1160-8MX | 1160 | 145 | ● | ● |
| 1176-8MX | 1176 | 147 | | ● |
| 1200-8MX | 1200 | 150 | ● | ● |
| 1216-8MX | 1216 | 152 | ● | ● |
| 1224-8MX | 1224 | 153 | ● | ● |
| 1256-8MX | 1256 | 157 | ● | ● |
| 1264-8MX | 1264 | 158 | ● | ● |
| 1280-8MX | 1280 | 160 | ● | ● |
| 1304-8MX | 1304 | 163 | ● | ● |
| 1360-8MX | 1360 | 170 | ● | ● |
| 1424-8MX | 1424 | 178 | ● | ● |
| 1432-8MX | 1432 | 179 | | ● |
| 1440-8MX | 1440 | 180 | ● | ● |
| 1512-8MX | 1512 | 189 | ● | ● |
| 1520-8MX | 1520 | 190 | ● | ● |
| 1552-8MX | 1552 | 194 | ● | ● |
| 1584-8MX | 1584 | 198 | ● | ● |
| 1600-8MX | 1600 | 200 | ● | ● |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 40 |
| 50 |
| 65 |
| 85 |

* Other widths available on request.

## 8MX (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 1696-8MX | 1696 | 212 | ● | ● |
| 1728-8MX | 1728 | 216 | | ● |
| 1760-8MX | 1760 | 220 | ● | ● |
| 1800-8MX | 1800 | 225 | ● | ● |
| 1880-8MX | 1880 | 235 | | ● |
| 1896-8MX | 1896 | 237 | ● | ● |
| 1904-8MX | 1904 | 238 | ● | ● |
| 2000-8MX | 2000 | 250 | ● | ● |
| 2080-8MX | 2080 | 260 | ● | ● |
| 2200-8MX | 2200 | 275 | | ● |
| 2240-8MX | 2240 | 280 | ● | ● |
| 2272-8MX | 2272 | 284 | ● | ● |
| 2400-8MX | 2400 | 300 | ● | ● |
| 2504-8MX | 2504 | 313 | | ● |
| 2600-8MX | 2600 | 325 | ● | ● |
| 2800-8MX | 2800 | 350 | ● | ● |
| 3048-8MX | 3048 | 381 | ● | ● |
| 3280-8MX | 3280 | 410 | ● | ● |
| 3600-8MX | 3600 | 450 | ● | ● |
| 4400-8MX | 4400 | 550 | ● | ● |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 40 |
| 50 |
| 65 |
| 85 |

* Other widths available on request.

## 14MX

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 784-14MX | 784 | 56 | | ● |
| 826-14MX | 826 | 59 | | ● |
| 924-14MX | 924 | 66 | | ● |
| 966-14MX | 966 | 69 | ● | ● |
| 1092-14MX | 1092 | 78 | ● | ● |
| 1190-14MX | 1190 | 85 | ● | ● |
| 1400-14MX | 1400 | 100 | ● | ● |
| 1610-14MX | 1610 | 115 | ● | ● |
| 1750-14MX | 1750 | 125 | ● | ● |
| 1778-14MX | 1778 | 127 | ● | ● |
| 1890-14MX | 1890 | 135 | ● | ● |
| 2100-14MX | 2100 | 150 | ● | ● |
| 2310-14MX | 2310 | 165 | ● | ● |
| 2450-14MX | 2450 | 175 | ● | ● |
| 2590-14MX | 2590 | 185 | ● | ● |
| 2800-14MX | 2800 | 200 | ● | ● |
| 3150-14MX | 3150 | 225 | ● | ● |
| 3500-14MX | 3500 | 250 | ● | ● |
| 3850-14MX | 3850 | 275 | ● | ● |
| 4004-14MX | 4004 | 286 | ● | ● |
| 4326-14MX | 4326 | 309 | ● | ● |
| 4578-14MX | 4578 | 327 | ● | ● |

| Standard widths* |
|---|
| mm |
| 20 |
| 40 |
| 55 |
| 85 |
| 115 |
| 170 |

* Other widths available on request.

## 2MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 74-2MGT | 74 | 37 | | |
| 76-2MGT | 76 | 38 | | |
| 80-2MGT | 80 | 40 | | |
| 90-2MGT | 90 | 45 | | |
| 100-2MGT | 100 | 50 | | |
| 112-2MGT | 112 | 56 | | |
| 130-2MGT | 130 | 65 | | |
| 132-2MGT | 132 | 66 | | |
| 134-2MGT | 134 | 67 | | |
| 140-2MGT | 140 | 70 | | |
| 142-2MGT | 142 | 71 | | |
| 152-2MGT | 152 | 76 | ● | |
| 158-2MGT | 158 | 79 | ● | |
| 164-2MGT | 164 | 82 | ● | |
| 168-2MGT | 168 | 84 | ● | |
| 172-2MGT | 172 | 86 | ● | |
| 178-2MGT | 178 | 89 | ● | |
| 180-2MGT | 180 | 90 | ● | |
| 184-2MGT | 184 | 92 | ● | |
| 186-2MGT | 186 | 93 | ● | |
| 192-2MGT | 192 | 96 | ● | |
| 194-2MGT | 194 | 97 | ● | |
| 202-2MGT | 202 | 101 | ● | |
| 208-2MGT | 208 | 104 | ● | |
| 210-2MGT | 210 | 105 | ● | |
| 212-2MGT | 212 | 106 | ● | |
| 216-2MGT | 216 | 108 | ● | |
| 220-2MGT | 220 | 110 | ● | |
| 224-2MGT | 224 | 112 | ● | |
| 232-2MGT | 232 | 116 | ● | |
| 240-2MGT | 240 | 120 | ● | |
| 242-2MGT | 242 | 121 | ● | |
| 250-2MGT | 250 | 125 | ● | |
| 252-2MGT | 252 | 126 | ● | |
| 264-2MGT | 264 | 132 | ● | |
| 274-2MGT | 274 | 137 | ● | |
| 280-2MGT | 280 | 140 | ● | |
| 284-2MGT | 284 | 142 | ● | |
| 286-2MGT | 286 | 143 | ● | |
| 288-2MGT | 288 | 144 | ● | |
| 304-2MGT | 304 | 152 | ● | |
| 310-2MGT | 310 | 155 | ● | |
| 318-2MGT | 318 | 159 | ● | |
| 320-2MGT | 320 | 160 | ● | |
| 322-2MGT | 322 | 161 | ● | |
| 330-2MGT | 330 | 165 | ● | |
| 332-2MGT | 332 | 166 | ● | |
| 336-2MGT | 336 | 168 | ● | |
| 342-2MGT | 342 | 171 | ● | |
| 356-2MGT | 356 | 178 | ● | |
| 364-2MGT | 364 | 182 | ● | |

| Standard widths* |
|---|
| mm |
| 3 |
| 6 |
| 9 |

* Other widths available on request.

## 2MGT (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 370-2MGT | 370 | 185 | ● | |
| 380-2MGT | 380 | 190 | ● | |
| 386-2MGT | 386 | 193 | ● | |
| 392-2MGT | 392 | 196 | ● | |
| 400-2MGT | 400 | 200 | ● | |
| 406-2MGT | 406 | 203 | ● | |
| 412-2MGT | 412 | 206 | ● | |
| 420-2MGT | 420 | 210 | ● | |
| 428-2MGT | 428 | 214 | ● | |
| 430-2MGT | 430 | 215 | ● | |
| 436-2MGT | 436 | 218 | ● | |
| 466-2MGT | 466 | 233 | ● | |
| 474-2MGT | 474 | 237 | ● | |
| 480-2MGT | 480 | 240 | ● | |
| 488-2MGT | 488 | 244 | ● | |
| 502-2MGT | 502 | 251 | ● | |
| 516-2MGT | 516 | 258 | ● | |
| 534-2MGT | 534 | 267 | ● | |
| 544-2MGT | 544 | 272 | ● | |
| 576-2MGT | 576 | 288 | ● | |
| 600-2MGT | 600 | 300 | ● | |
| 660-2MGT | 660 | 330 | ● | |
| 690-2MGT | 690 | 345 | ● | |
| 816-2MGT | 816 | 408 | ● | |
| 930-2MGT | 930 | 465 | ● | |
| 1032-2MGT | 1032 | 516 | ● | |
| 1164-2MGT | 1164 | 582 | ● | |
| 1386-2MGT | 1386 | 693 | ● | |
| 1700-2MGT | 1700 | 850 | ● | |
| 1830-2MGT | 1830 | 915 | ● | |

| Standard widths* |
|---|
| mm |
| 3 |
| 6 |
| 9 |

* Other widths available on request.

## 3MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 105-3MGT | 105 | 35 | | |
| 120-3MGT | 120 | 40 | | |
| 135-3MGT | 135 | 45 | | |
| 144-3MGT | 144 | 48 | | |
| 150-3MGT | 150 | 50 | ● | |
| 165-3MGT | 165 | 55 | ● | |
| 174-3MGT | 174 | 58 | ● | |
| 180-3MGT | 180 | 60 | ● | |
| 186-3MGT | 186 | 62 | ● | |
| 192-3MGT | 192 | 64 | ● | |
| 195-3MGT | 195 | 65 | ● | |
| 204-3MGT | 204 | 68 | ● | |
| 210-3MGT | 210 | 70 | ● | |
| 216-3MGT | 216 | 72 | ● | |
| 225-3MGT | 225 | 75 | ● | |
| 231-3MGT | 231 | 77 | ● | |
| 234-3MGT | 234 | 78 | ● | |
| 240-3MGT | 240 | 80 | ● | |
| 243-3MGT | 243 | 81 | ● | |
| 246-3MGT | 246 | 82 | ● | |
| 252-3MGT | 252 | 84 | ● | |
| 255-3MGT | 255 | 85 | ● | |
| 267-3MGT | 267 | 89 | ● | |
| 270-3MGT | 270 | 90 | ● | |
| 276-3MGT | 276 | 92 | ● | |
| 282-3MGT | 282 | 94 | ● | |
| 285-3MGT | 285 | 95 | ● | |
| 288-3MGT | 288 | 96 | ● | |
| 294-3MGT | 294 | 98 | ● | |
| 300-3MGT | 300 | 100 | ● | |
| 303-3MGT | 303 | 101 | ● | |
| 309-3MGT | 309 | 103 | ● | |
| 312-3MGT | 312 | 104 | ● | |
| 324-3MGT | 324 | 108 | ● | |
| 330-3MGT | 330 | 110 | ● | |
| 339-3MGT | 339 | 113 | ● | |
| 354-3MGT | 354 | 118 | ● | |
| 357-3MGT | 357 | 119 | ● | |
| 360-3MGT | 360 | 120 | ● | |
| 363-3MGT | 363 | 121 | ● | |
| 375-3MGT | 375 | 125 | ● | |
| 384-3MGT | 384 | 128 | ● | |
| 387-3MGT | 387 | 129 | ● | |
| 390-3MGT | 390 | 130 | ● | |
| 393-3MGT | 393 | 131 | ● | |
| 399-3MGT | 399 | 133 | ● | |
| 408-3MGT | 408 | 136 | ● | |
| 420-3MGT | 420 | 140 | ● | |
| 426-3MGT | 426 | 142 | ● | |
| 450-3MGT | 450 | 150 | ● | |
| 456-3MGT | 456 | 152 | ● | |

| Standard widths* |
|---|
| mm |
| 6 |
| 9 |
| 15 |

* Other widths available on request.

## 3MGT (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 480-3MGT | 480 | 160 | ● | |
| 489-3MGT | 489 | 163 | ● | |
| 495-3MGT | 495 | 165 | ● | |
| 501-3MGT | 501 | 167 | ● | |
| 510-3MGT | 510 | 170 | ● | |
| 513-3MGT | 513 | 171 | ● | |
| 522-3MGT | 522 | 174 | ● | |
| 537-3MGT | 537 | 179 | ● | |
| 540-3MGT | 540 | 180 | ● | |
| 552-3MGT | 552 | 184 | ● | |
| 561-3MGT | 561 | 187 | ● | |
| 564-3MGT | 564 | 188 | ● | |
| 570-3MGT | 570 | 190 | ● | |
| 582-3MGT | 582 | 194 | ● | |
| 588-3MGT | 588 | 196 | ● | |
| 600-3MGT | 600 | 200 | ● | |
| 621-3MGT | 621 | 207 | ● | |
| 630-3MGT | 630 | 210 | ● | |
| 657-3MGT | 657 | 219 | ● | |
| 750-3MGT | 750 | 250 | ● | |
| 777-3MGT | 777 | 259 | ● | |
| 840-3MGT | 840 | 280 | ● | |
| 849-3MGT | 849 | 283 | ● | |
| 897-3MGT | 897 | 299 | ● | |
| 1587-3MGT | 1587 | 529 | ● | |
| 1692-3MGT | 1692 | 564 | ● | |

| Standard widths* |
|---|
| mm |
| 6 |
| 9 |
| 15 |

* Other widths available on request.

## 5MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 200-5MGT | 200 | 40 | ● | |
| 225-5MGT | 225 | 45 | ● | |
| 250-5MGT | 250 | 50 | ● | |
| 265-5MGT | 265 | 53 | ● | |
| 275-5MGT | 275 | 55 | ● | |
| 280-5MGT | 280 | 56 | ● | |
| 285-5MGT | 285 | 57 | ● | |
| 300-5MGT | 300 | 60 | ● | |
| 325-5MGT | 325 | 65 | ● | |
| 330-5MGT | 330 | 66 | ● | |
| 340-5MGT | 340 | 68 | ● | |
| 350-5MGT | 350 | 70 | ● | |
| 360-5MGT | 360 | 72 | ● | |
| 375-5MGT | 375 | 75 | ● | |
| 400-5MGT | 400 | 80 | ● | |
| 410-5MGT | 410 | 82 | ● | |
| 415-5MGT | 415 | 83 | ● | |
| 425-5MGT | 425 | 85 | ● | |
| 450-5MGT | 450 | 90 | ● | |
| 460-5MGT | 460 | 92 | ● | |
| 475-5MGT | 475 | 95 | ● | |
| 490-5MGT | 490 | 98 | ● | |
| 500-5MGT | 500 | 100 | ● | |
| 510-5MGT | 510 | 102 | ● | |
| 525-5MGT | 525 | 105 | ● | |
| 530-5MGT | 530 | 106 | ● | |
| 540-5MGT | 540 | 108 | ● | |
| 550-5MGT | 550 | 110 | ● | |
| 600-5MGT | 600 | 120 | ● | |
| 625-5MGT | 625 | 125 | ● | |
| 650-5MGT | 650 | 130 | ● | |
| 665-5MGT | 665 | 133 | ● | |
| 700-5MGT | 700 | 140 | ● | |
| 750-5MGT | 750 | 150 | ● | |
| 775-5MGT | 775 | 155 | ● | |
| 800-5MGT | 800 | 160 | ● | |
| 850-5MGT | 850 | 170 | ● | |
| 860-5MGT | 860 | 172 | ● | |
| 900-5MGT | 900 | 180 | ● | |
| 950-5MGT | 950 | 190 | ● | |
| 980-5MGT | 980 | 196 | ● | |
| 1000-5MGT | 1000 | 200 | ● | |
| 1050-5MGT | 1050 | 210 | ● | |
| 1150-5MGT | 1150 | 230 | ● | |
| 1270-5MGT | 1270 | 254 | ● | |
| 1500-5MGT | 1500 | 300 | ● | |
| 1755-5MGT | 1755 | 351 | ● | |
| 1850-5MGT | 1850 | 370 | ● | |
| 2100-5MGT | 2100 | 420 | ● | |
| 2440-5MGT | 2440 | 488 | ● | |

| Standard widths* |
|---|
| mm |
| 9 |
| 15 |
| 25 |

* Other widths available on request.

## 8MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 384-8MGT | 384 | 48 | ● | |
| 480-8MGT | 480 | 60 | ● | |
| 560-8MGT | 560 | 70 | ● | |
| 576-8MGT | 567 | 72 | ● | ● |
| 600-8MGT | 600 | 75 | ● | |
| 640-8MGT | 640 | 80 | ● | |
| 720-8MGT | 720 | 90 | ● | |
| 800-8MGT | 800 | 100 | ● | |
| 840-8MGT | 840 | 105 | ● | |
| 880-8MGT | 880 | 110 | ● | |
| 920-8MGT | 920 | 115 | ● | |
| 960-8MGT | 960 | 120 | ● | |
| 1040-8MGT | 1040 | 130 | ● | |
| 1064-8MGT | 1064 | 133 | ● | |
| 1104-8MGT | 1104 | 138 | ● | ● |
| 1120-8MGT | 1120 | 140 | ● | |
| 1160-8MGT | 1160 | 145 | ● | |
| 1200-8MGT | 1200 | 150 | ● | |
| 1224-8MGT | 1224 | 153 | ● | ● |
| 1280-8MGT | 1280 | 160 | ● | |
| 1440-8MGT | 1440 | 180 | ● | |
| 1512-8MGT | 1512 | 189 | ● | |
| 1584-8MGT | 1584 | 198 | ● | |
| 1600-8MGT | 1600 | 200 | ● | |
| 1760-8MGT | 1760 | 220 | ● | |
| 1800-8MGT | 1800 | 225 | ● | |
| 2000-8MGT | 2000 | 250 | ● | |
| 2200-8MGT | 2200 | 275 | ● | ● |
| 2400-8MGT | 2400 | 300 | ● | |
| 2600-8MGT | 2600 | 325 | ● | |
| 2800-8MGT | 2800 | 350 | ● | |
| 3048-8MGT | 3048 | 381 | ● | |
| 3280-8MGT | 3280 | 410 | ● | |
| 3600-8MGT | 3600 | 450 | ● | |
| 4400-8MGT | 4400 | 550 | ● | |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 50 |
| 85 |

* Other widths available on request.

## 14MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 966-14MGT | 966 | 69 | ● | |
| 1190-14MGT | 1190 | 85 | ● | |
| 1400-14MGT | 1400 | 100 | ● | |
| 1610-14MGT | 1610 | 115 | ● | |
| 1750-14MGT | 1750 | 125 | ● | |
| 1778-14MGT | 1778 | 127 | ● | |
| 1890-14MGT | 1890 | 135 | ● | |
| 2100-14MGT | 2100 | 150 | ● | |
| 2310-14MGT | 2310 | 165 | ● | |
| 2450-14MGT | 2450 | 175 | ● | |
| 2590-14MGT | 2590 | 185 | ● | |
| 2800-14MGT | 2800 | 200 | ● | |
| 3150-14MGT | 3150 | 225 | ● | |
| 3360-14MGT | 3360 | 240 | ● | |
| 3500-14MGT | 3500 | 250 | ● | |
| 3850-14MGT | 3850 | 275 | ● | |
| 4326-14MGT | 4326 | 309 | ● | |
| 4578-14MGT | 4578 | 327 | ● | |
| 4956-14MGT | 4956 | 354 | ● | |
| 5320-14MGT | 5320 | 380 | ● | |
| 5740-14MGT | 5740 | 410 | ● | |
| 6160-14MGT | 6160 | 440 | ● | |
| 6860-14MGT | 6860 | 490 | ● | |

| Standard widths* |
|---|
| mm |
| 40 |
| 55 |
| 85 |
| 115 |
| 170 |

* Other widths available on request.

## 3M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 105-3M | 105 | 35 | | |
| 111-3M | 111 | 37 | | |
| 120-3M | 120 | 40 | | |
| 123-3M | 123 | 41 | | |
| 126-3M | 126 | 42 | | |
| 129-3M | 129 | 43 | | |
| 141-3M | 141 | 47 | | |
| 144-3M | 144 | 48 | | |
| 150-3M | 150 | 50 | ● | |
| 156-3M | 156 | 52 | ● | |
| 159-3M | 159 | 53 | ● | |
| 165-3M | 165 | 55 | ● | |
| 168-3M | 168 | 56 | ● | |
| 171-3M | 171 | 57 | | |
| 174-3M | 174 | 58 | | |
| 177-3M | 177 | 59 | ● | |
| 180-3M | 180 | 60 | ● | |
| 183-3M | 183 | 61 | | |
| 186-3M | 186 | 62 | | |
| 189-3M | 189 | 63 | | |
| 192-3M | 192 | 64 | ● | |
| 195-3M | 195 | 65 | ● | |
| 201-3M | 201 | 67 | ● | |
| 204-3M | 204 | 68 | | |
| 210-3M | 210 | 70 | ● | |
| 213-3M | 213 | 71 | | |
| 216-3M | 216 | 72 | | |
| 219-3M | 219 | 73 | | |
| 222-3M | 222 | 74 | | |
| 225-3M | 225 | 75 | ● | |
| 234-3M | 234 | 78 | | |
| 237-3M | 237 | 79 | | |
| 243-3M | 243 | 81 | ● | |
| 246-3M | 246 | 82 | ● | |
| 249-3M | 249 | 83 | ● | |
| 252-3M | 252 | 84 | ● | |
| 255-3M | 255 | 85 | ● | |
| 267-3M | 267 | 89 | ● | |
| 276-3M | 276 | 92 | ● | |
| 282-3M | 282 | 94 | ● | |
| 285-3M | 285 | 95 | ● | |
| 288-3M | 288 | 96 | ● | |
| 291-3M | 291 | 97 | ● | |
| 294-3M | 294 | 98 | ● | |
| 297-3M | 297 | 99 | | |
| 300-3M | 300 | 100 | ● | |
| 306-3M | 306 | 102 | ● | |
| 312-3M | 312 | 104 | ● | |
| 315-3M | 315 | 105 | | |
| 318-3M | 318 | 106 | ● | |
| 330-3M | 330 | 110 | ● | |

| Standard widths* |
|---|
| mm |
| 6 |
| 9 |
| 15 |

* Other widths available on request.

## 3M (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 333-3M | 333 | 111 | ● | |
| 336-3M | 336 | 112 | ● | |
| 339-3M | 339 | 113 | | |
| 342-3M | 342 | 114 | | |
| 345-3M | 345 | 115 | ● | |
| 357-3M | 357 | 119 | ● | |
| 363-3M | 363 | 121 | ● | |
| 372-3M | 372 | 124 | ● | |
| 381-3M | 381 | 127 | ● | |
| 384-3M | 384 | 128 | ● | |
| 420-3M | 420 | 140 | ● | |
| 435-3M | 435 | 145 | ● | |
| 447-3M | 447 | 149 | ● | |
| 462-3M | 462 | 154 | ● | |
| 474-3M | 474 | 158 | ● | |
| 477-3M | 477 | 159 | | |
| 480-3M | 480 | 160 | ● | |
| 486-3M | 486 | 162 | | |
| 489-3M | 489 | 163 | | |
| 501-3M | 501 | 167 | ● | |
| 513-3M | 513 | 171 | | |
| 522-3M | 522 | 174 | | |
| 525-3M | 525 | 175 | | |
| 531-3M | 531 | 177 | | |
| 537-3M | 537 | 179 | | |
| 552-3M | 552 | 184 | | |
| 558-3M | 558 | 186 | | |
| 564-3M | 564 | 188 | ● | |
| 570-3M | 570 | 190 | | |
| 573-3M | 573 | 191 | | |
| 582-3M | 582 | 194 | ● | |
| 591-3M | 591 | 197 | | |
| 594-3M | 594 | 198 | | |
| 600-3M | 600 | 200 | ● | |
| 612-3M | 612 | 204 | ● | |
| 627-3M | 627 | 209 | | |
| 633-3M | 633 | 211 | ● | |
| 645-3M | 645 | 215 | ● | |
| 648-3M | 648 | 216 | | |
| 669-3M | 669 | 223 | ● | |
| 672-3M | 672 | 224 | | |
| 681-3M | 681 | 227 | | |
| 711-3M | 711 | 237 | ● | |
| 720-3M | 720 | 240 | ● | |
| 735-3M | 735 | 245 | | |
| 738-3M | 738 | 246 | | |
| 753-3M | 753 | 251 | ● | |
| 804-3M | 804 | 268 | ● | |
| 822-3M | 822 | 274 | ● | |
| 882-3M | 882 | 294 | | |
| 945-3M | 945 | 315 | ● | |

| Standard widths* |
|---|
| mm |
| 6 |
| 9 |
| 15 |

* Other widths available on request.

## 3M (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 981-3M | 981 | 327 | | |
| 1002-3M | 1002 | 334 | ● | |
| 1071-3M | 1071 | 357 | | |
| 1080-3M | 1080 | 360 | | |
| 1176-3M | 1176 | 392 | | |
| 1245-3M | 1245 | 415 | ● | |
| 1263-3M | 1263 | 421 | ● | |
| 1500-3M | 1500 | 500 | ● | |
| 1530-3M | 1530 | 510 | ● | |
| 1863-3M | 1863 | 621 | ● | |
| 1926-3M | 1926 | 642 | | |

| Standard widths* |
|---|
| mm |
| 6 |
| 9 |
| 15 |

* Other widths available on request.

## 5M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 120-5M | 120 | 24 | | |
| 180-5M | 180 | 36 | ● | |
| 225-5M | 225 | 45 | ● | |
| 255-5M | 255 | 51 | ● | |
| 265-5M | 265 | 53 | ● | |
| 270-5M | 270 | 54 | ● | |
| 275-5M | 275 | 55 | | |
| 280-5M | 280 | 56 | ● | |
| 295-5M | 295 | 59 | ● | |
| 300-5M | 300 | 60 | ● | |
| 305-5M | 305 | 61 | ● | |
| 325-5M | 325 | 65 | ● | |
| 330-5M | 330 | 66 | ● | |
| 335-5M | 335 | 67 | | |
| 340-5M | 340 | 68 | ● | |
| 345-5M | 345 | 69 | ● | |
| 350-5M | 350 | 70 | ● | |
| 360-5M | 360 | 72 | ● | |
| 365-5M | 365 | 73 | ● | |
| 370-5M | 370 | 74 | ● | |
| 375-5M | 375 | 75 | ● | |
| 385-5M | 385 | 77 | ● | |
| 400-5M | 400 | 80 | ● | |
| 405-5M | 405 | 81 | ● | |
| 420-5M | 420 | 84 | ● | |
| 425-5M | 425 | 85 | ● | |
| 450-5M | 450 | 90 | ● | |
| 460-5M | 460 | 92 | ● | |
| 475-5M | 475 | 95 | ● | |
| 500-5M | 500 | 100 | ● | |
| 510-5M | 510 | 102 | | |
| 520-5M | 520 | 104 | ● | |
| 525-5M | 525 | 105 | ● | |
| 535-5M | 535 | 107 | ● | |
| 550-5M | 550 | 110 | ● | |
| 560-5M | 560 | 112 | ● | |
| 565-5M | 565 | 113 | ● | |
| 575-5M | 575 | 115 | ● | |
| 580-5M | 580 | 116 | ● | |
| 600-5M | 600 | 120 | ● | |
| 610-5M | 610 | 122 | ● | |
| 615-5M | 615 | 123 | ● | |
| 635-5M | 635 | 127 | ● | |
| 640-5M | 640 | 128 | ● | |
| 645-5M | 645 | 129 | ● | |
| 665-5M | 665 | 133 | ● | |
| 670-5M | 670 | 134 | ● | |
| 695-5M | 695 | 139 | ● | |
| 700-5M | 700 | 140 | ● | |
| 710-5M | 710 | 142 | ● | |
| 720-5M | 720 | 144 | ● | |

| Standard widths* |
|---|
| mm |
| 9 |
| 15 |
| 25 |

* Other widths available on request.

## 5M (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 740-5M | 740 | 148 | ● | |
| 750-5M | 750 | 150 | ● | |
| 755-5M | 755 | 151 | ● | |
| 770-5M | 770 | 154 | ● | |
| 775-5M | 775 | 155 | ● | |
| 800-5M | 800 | 160 | ● | |
| 825-5M | 825 | 165 | ● | |
| 835-5M | 835 | 167 | ● | |
| 860-5M | 860 | 172 | ● | |
| 870-5M | 870 | 174 | ● | |
| 890-5M | 890 | 178 | ● | |
| 900-5M | 900 | 180 | ● | |
| 925-5M | 925 | 185 | ● | |
| 935-5M | 935 | 187 | ● | |
| 940-5M | 940 | 188 | ● | |
| 950-5M | 950 | 190 | ● | |
| 965-5M | 965 | 193 | | |
| 980-5M | 980 | 196 | ● | |
| 1000-5M | 1000 | 200 | ● | |
| 1025-5M | 1025 | 205 | ● | |
| 1035-5M | 1035 | 207 | ● | |
| 1050-5M | 1050 | 210 | ● | |
| 1100-5M | 1100 | 220 | ● | |
| 1125-5M | 1125 | 225 | ● | |
| 1135-5M | 1135 | 227 | ● | |
| 1175-5M | 1175 | 235 | ● | |
| 1200-5M | 1200 | 240 | ● | |
| 1225-5M | 1225 | 245 | ● | |
| 1270-5M | 1270 | 254 | ● | |
| 1350-5M | 1350 | 270 | ● | |
| 1380-5M | 1380 | 276 | | |
| 1420-5M | 1420 | 284 | ● | |
| 1595-5M | 1595 | 319 | ● | |
| 1690-5M | 1690 | 338 | ● | |
| 1790-5M | 1790 | 358 | ● | |
| 1870-5M | 1870 | 374 | ● | |
| 2100-5M | 2100 | 420 | ● | |
| 2350-5M | 2350 | 470 | ● | |

| Standard widths* |
|---|
| mm |
| 9 |
| 15 |
| 25 |

* Other widths available on request.

# POWERGRIP™ HTD™ 8M, 14M & 20M

RUBBER SYNCHRONOUS BELT WITH HTD™ TOOTH PROFILE

## 8M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 264-8M | 264 | 33 | | |
| 320-8M | 320 | 40 | ● | |
| 376-8M | 376 | 47 | ● | |
| 384-8M | 384 | 48 | ● | |
| 424-8M | 424 | 53 | ● | |
| 480-8M | 480 | 60 | ● | |
| 512-8M | 512 | 64 | ● | |
| 520-8M | 520 | 65 | ● | |
| 560-8M | 560 | 70 | ● | |
| 576-8M | 576 | 72 | ● | |
| 600-8M | 600 | 75 | ● | |
| 608-8M | 608 | 76 | ● | |
| 624-8M | 624 | 78 | ● | |
| 640-8M | 640 | 80 | ● | |
| 656-8M | 656 | 82 | ● | |
| 720-8M | 720 | 90 | ● | |
| 760-8M | 760 | 95 | ● | |
| 776-8M | 776 | 97 | ● | |
| 800-8M | 800 | 100 | ● | |
| 856-8M | 856 | 107 | ● | |
| 880-8M | 880 | 110 | ● | |
| 912-8M | 912 | 114 | ● | |
| 920-8M | 920 | 115 | ● | |
| 960-8M | 960 | 120 | ● | |
| 968-8M | 968 | 121 | ● | |
| 976-8M | 976 | 122 | ● | |
| 1000-8M | 1000 | 125 | ● | |
| 1040-8M | 1040 | 130 | ● | |
| 1064-8M | 1064 | 133 | ● | |
| 1080-8M | 1080 | 135 | ● | |
| 1120-8M | 1120 | 140 | ● | |
| 1128-8M | 1128 | 141 | ● | |
| 1160-8M | 1160 | 145 | ● | |
| 1176-8M | 1176 | 147 | ● | |
| 1200-8M | 1200 | 150 | ● | |
| 1216-8M | 1216 | 152 | ● | |
| 1224-8M | 1224 | 153 | ● | |
| 1256-8M | 1256 | 157 | ● | |
| 1264-8M | 1264 | 158 | ● | |
| 1280-8M | 1280 | 160 | ● | |
| 1304-8M | 1304 | 163 | ● | |
| 1360-8M | 1360 | 170 | ● | |
| 1424-8M | 1424 | 178 | ● | |
| 1432-8M | 1432 | 179 | ● | |
| 1440-8M | 1440 | 180 | ● | |
| 1512-8M | 1512 | 189 | ● | |
| 1520-8M | 1520 | 190 | ● | |
| 1552-8M | 1552 | 194 | ● | |
| 1584-8M | 1584 | 198 | ● | |
| 1600-8M | 1600 | 200 | ● | |
| 1696-8M | 1696 | 212 | ● | |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 50 |
| 85 |

* Other widths available on request.

## 8M (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 1728-8M | 1728 | 216 | ● | |
| 1760-8M | 1760 | 220 | ● | |
| 1800-8M | 1800 | 225 | ● | |
| 1880-8M | 1880 | 235 | | |
| 1896-8M | 1896 | 237 | ● | |
| 1904-8M | 1904 | 238 | ● | |
| 2000-8M | 2000 | 250 | ● | |
| 2080-8M | 2080 | 260 | ● | |
| 2200-8M | 2200 | 275 | ● | |
| 2240-8M | 2240 | 280 | ● | |
| 2272-8M | 2272 | 284 | ● | |
| 2400-8M | 2400 | 300 | ● | |
| 2504-8M | 2504 | 313 | | |
| 2600-8M | 2600 | 325 | ● | |
| 2800-8M | 2800 | 350 | ● | |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 50 |
| 85 |

* Other widths available on request.

# POWERGRIP™ HTD™ 8M, 14M & 20M

RUBBER SYNCHRONOUS BELT WITH HTD™ TOOTH PROFILE

## 14M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 784-14M | 784 | 56 | ● | |
| 826-14M | 826 | 59 | | |
| 924-14M | 924 | 66 | ● | |
| 966-14M | 966 | 69 | ● | |
| 1092-14M | 1092 | 78 | ● | |
| 1190-14M | 1190 | 85 | ● | |
| 1400-14M | 1400 | 100 | ● | |
| 1610-14M | 1610 | 115 | ● | |
| 1778-14M | 1778 | 127 | ● | |
| 1890-14M | 1890 | 135 | ● | |
| 2100-14M | 2100 | 150 | ● | |
| 2310-14M | 2310 | 165 | ● | |
| 2450-14M | 2450 | 175 | ● | |
| 2590-14M | 2590 | 185 | ● | |
| 2800-14M | 2800 | 200 | ● | |
| 3150-14M | 3150 | 225 | ● | |
| 3500-14M | 3500 | 250 | ● | |
| 3850-14M | 3850 | 275 | ● | |
| 4004-14M | 4004 | 286 | ● | |
| 4326-14M | 4326 | 309 | ● | |
| 4578-14M | 4578 | 327 | ● | |

| Standard widths* |
|---|
| mm |
| 40 |
| 55 |
| 85 |
| 115 |
| 170 |

* Other widths available on request.

## 20M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 2000-20M | 2000 | 100 | | |
| 2500-20M | 2500 | 125 | | |
| 3400-20M | 3400 | 170 | | |
| 3800-20M | 3800 | 190 | | |
| 4200-20M | 4200 | 210 | | |
| 4600-20M | 4600 | 230 | | |
| 5000-20M | 5000 | 250 | | |
| 5200-20M | 5200 | 260 | | |
| 5400-20M | 5400 | 270 | | |
| 5600-20M | 5600 | 280 | | |
| 5800-20M | 5800 | 290 | | |
| 6200-20M | 6200 | 310 | | |
| 6400-20M | 6400 | 320 | | |
| 6600-20M | 6600 | 330 | | |

| Standard widths* |
|---|
| mm |
| 115 |
| 170 |
| 230 |
| 290 |
| 340 |

* Other widths available on request.

## MXL

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 288-MXL | 73.15 | 36 | | |
| 296-MXL | 75.18 | 37 | | |
| 320-MXL | 81.28 | 40 | | |
| 360-MXL | 91.44 | 45 | | |
| 400-MXL | 101.60 | 50 | | |
| 424-MXL | 107.70 | 53 | | |
| 432-MXL | 109.73 | 54 | | |
| 440-MXL | 111.76 | 55 | | |
| 448-MXL | 113.79 | 56 | | |
| 456-MXL | 115.82 | 57 | | |
| 464-MXL | 117.86 | 58 | | |
| 472-MXL | 119.89 | 59 | | |
| 480-MXL | 121.92 | 60 | ● | |
| 488-MXL | 123.95 | 61 | | |
| 504-MXL | 128.02 | 63 | | |
| 520-MXL | 132.08 | 65 | | |
| 536-MXL | 136.14 | 67 | ● | |
| 544-MXL | 138.18 | 68 | | |
| 552-MXL | 140.21 | 69 | | |
| 560-MXL | 142.24 | 70 | | |
| 568-MXL | 144.27 | 71 | | |
| 576-MXL | 146.30 | 72 | ● | |
| 584-MXL | 148.34 | 73 | ● | |
| 592-MXL | 150.37 | 74 | | |
| 600-MXL | 152.40 | 75 | ● | |
| 608-MXL | 154.43 | 76 | ● | |
| 616-MXL | 156.46 | 77 | | |
| 632-MXL | 160.53 | 79 | | |
| 640-MXL | 162.56 | 80 | ● | |
| 648-MXL | 164.59 | 81 | | |
| 656-MXL | 166.62 | 82 | ● | |
| 664-MXL | 168.66 | 83 | | |
| 672-MXL | 170.69 | 84 | | |
| 680-MXL | 172.72 | 85 | | |
| 696-MXL | 176.78 | 87 | | |
| 704-MXL | 178.82 | 88 | | |
| 720-MXL | 182.88 | 90 | | |
| 736-MXL | 186.94 | 92 | | |
| 752-MXL | 191.01 | 94 | ● | |
| 760-MXL | 193.04 | 95 | | |
| 776-MXL | 197.10 | 97 | | |
| 800-MXL | 203.20 | 100 | | |
| 808-MXL | 205.23 | 101 | | |
| 824-MXL | 209.30 | 103 | | |
| 840-MXL | 213.36 | 105 | ● | |
| 848-MXL | 215.39 | 106 | | |
| 856-MXL | 217.42 | 107 | | |
| 872-MXL | 221.49 | 109 | | |
| 880-MXL | 223.52 | 110 | ● | |
| 912-MXL | 231.65 | 114 | | |
| 944-MXL | 239.78 | 118 | | |
| 960-MXL | 243.84 | 120 | | |
| 976-MXL | 247.90 | 122 | | |
| 984-MXL | 249.94 | 123 | | |

| Standard widths* | |
|---|---|
| mm | code |
| 3.2 | 012 |
| 4.8 | 019 |
| 6.4 | 025 |

* Other widths available on request.

## MXL (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 1000-MXL | 254.00 | 125 | | |
| 1008-MXL | 256.03 | 126 | | |
| 1016-MXL | 258.06 | 127 | | |
| 1032-MXL | 262.13 | 129 | | |
| 1040-MXL | 264.16 | 130 | ● | |
| 1056-MXL | 268.22 | 132 | ● | |
| 1072-MXL | 272.29 | 134 | | |
| 1112-MXL | 282.45 | 139 | ● | |
| 1120-MXL | 284.48 | 140 | ● | |
| 1144-MXL | 290.58 | 143 | | |
| 1160-MXL | 294.64 | 145 | ● | |
| 1200-MXL | 304.80 | 150 | ● | |
| 1240-MXL | 314.96 | 155 | | |
| 1264-MXL | 321.06 | 158 | | |
| 1280-MXL | 325.12 | 160 | ● | |
| 1320-MXL | 335.28 | 165 | | |
| 1400-MXL | 355.60 | 175 | ● | |
| 1472-MXL | 373.89 | 184 | ● | |
| 1520-MXL | 386.08 | 190 | | |
| 1560-MXL | 396.24 | 195 | | |
| 1600-MXL | 406.40 | 200 | ● | |
| 1680-MXL | 426.72 | 210 | ● | |
| 1768-MXL | 449.07 | 221 | ● | |
| 1800-MXL | 457.20 | 225 | | |
| 1832-MXL | 465.33 | 229 | | |
| 1856-MXL | 471.42 | 232 | | |
| 1880-MXL | 477.52 | 235 | ● | |
| 1960-MXL | 497.84 | 245 | | |
| 1984-MXL | 503.94 | 248 | | |
| 1992-MXL | 505.97 | 249 | | |
| 2048-MXL | 520.19 | 256 | | |
| 2136-MXL | 542.54 | 267 | | |
| 2240-MXL | 568.96 | 280 | | |
| 2360-MXL | 599.44 | 295 | | |
| 2384-MXL | 605.54 | 298 | | |
| 2400-MXL | 609.60 | 300 | | |
| 2520-MXL | 640.08 | 315 | ● | |
| 2544-MXL | 646.18 | 318 | | |
| 2776-MXL | 705.10 | 347 | | |
| 2880-MXL | 731.52 | 360 | | |
| 2976-MXL | 755.90 | 372 | | |
| 3120-MXL | 792.48 | 390 | | |
| 3200-MXL | 812.80 | 400 | | |
| 3264-MXL | 829.06 | 408 | | |
| 3296-MXL | 837.18 | 412 | ● | |
| 3360-MXL | 853.44 | 420 | | |
| 3392-MXL | 861.57 | 424 | | |
| 3472-MXL | 881.89 | 434 | | |
| 3800-MXL | 965.20 | 475 | | |
| 3904-MXL | 991.62 | 488 | | |
| 3984-MXL | 1011.94 | 498 | | |
| 4000-MXL | 1016.00 | 500 | | |
| 4368-MXL | 1109.47 | 546 | | |
| 4736-MXL | 1202.94 | 592 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 3.2 | 012 |
| 4.8 | 019 |
| 6.4 | 025 |

* Other widths available on request.

## XL

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 46-XL | 116.84 | 23 | | |
| 50-XL | 127.00 | 25 | | |
| 58-XL | 147.32 | 29 | | |
| 60-XL | 152.40 | 30 | ● | |
| 66-XL | 167.64 | 33 | | |
| 70-XL | 177.80 | 35 | ● | |
| 76-XL | 193.04 | 38 | | |
| 80-XL | 203.20 | 40 | ● | |
| 84-XL | 213.36 | 42 | | |
| 86-XL | 218.44 | 43 | | |
| 88-XL | 223.52 | 44 | | |
| 90-XL | 228.60 | 45 | ● | |
| 92-XL | 233.68 | 46 | | |
| 94-XL | 238.76 | 47 | | |
| 96-XL | 243.84 | 48 | | |
| 98-XL | 248.92 | 49 | | |
| 100-XL | 254.00 | 50 | ● | |
| 102-XL | 259.08 | 51 | | |
| 106-XL | 269.24 | 53 | | |
| 108-XL | 274.32 | 54 | | |
| 110-XL | 279.40 | 55 | ● | |
| 112-XL | 284.48 | 56 | | |
| 114-XL | 289.56 | 57 | | |
| 116-XL | 294.64 | 58 | | |
| 118-XL | 299.72 | 59 | | |
| 120-XL | 304.80 | 60 | ● | |
| 122-XL | 309.88 | 61 | | |
| 124-XL | 314.96 | 62 | | |
| 126-XL | 320.04 | 63 | | |
| 128-XL | 325.12 | 64 | ● | |
| 130-XL | 330.20 | 65 | ● | |
| 132-XL | 335.28 | 66 | | |
| 134-XL | 340.36 | 67 | | |
| 136-XL | 345.44 | 68 | ● | |
| 138-XL | 350.52 | 69 | | |
| 140-XL | 355.60 | 70 | ● | |
| 142-XL | 360.68 | 71 | | |
| 144-XL | 365.76 | 72 | | |
| 146-XL | 370.84 | 73 | | |
| 148-XL | 375.92 | 74 | | |
| 150-XL | 381.00 | 75 | ● | |
| 154-XL | 391.16 | 77 | | |
| 156-XL | 396.24 | 78 | ● | |
| 158-XL | 401.32 | 79 | | |
| 160-XL | 406.40 | 80 | ● | |
| 164-XL | 416.56 | 82 | | |
| 166-XL | 421.64 | 83 | | |
| 170-XL | 431.80 | 85 | ● | |
| 174-XL | 441.96 | 87 | | |
| 176-XL | 447.04 | 88 | | |
| 178-XL | 452.12 | 89 | | |
| 180-XL | 457.20 | 90 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 6.4 | 025 |
| 7.9 | 031 |
| 9.5 | 037 |

* Other widths available on request.

## XL (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 182-XL | 462.28 | 91 | ● | |
| 184-XL | 467.36 | 92 | | |
| 188-XL | 477.52 | 94 | | |
| 190-XL | 482.60 | 95 | ● | |
| 192-XL | 487.68 | 96 | | |
| 194-XL | 492.76 | 97 | | |
| 196-XL | 497.84 | 98 | | |
| 198-XL | 502.92 | 99 | | |
| 200-XL | 508.00 | 100 | ● | |
| 202-XL | 513.08 | 101 | | |
| 204-XL | 518.16 | 102 | | |
| 208-XL | 528.32 | 104 | | |
| 210-XL | 533.40 | 105 | ● | |
| 212-XL | 538.48 | 106 | | |
| 214-XL | 543.56 | 107 | | |
| 220-XL | 558.80 | 110 | ● | |
| 228-XL | 579.12 | 114 | | |
| 230-XL | 584.20 | 115 | ● | |
| 232-XL | 589.28 | 116 | | |
| 234-XL | 594.36 | 117 | | |
| 240-XL | 609.60 | 120 | ● | |
| 250-XL | 635.00 | 125 | ● | |
| 260-XL | 660.40 | 130 | ● | |
| 264-XL | 670.56 | 132 | | |
| 270-XL | 685.80 | 135 | ● | |
| 274-XL | 695.96 | 137 | | |
| 280-XL | 711.20 | 140 | ● | |
| 284-XL | 721.36 | 142 | | |
| 286-XL | 726.44 | 143 | | |
| 290-XL | 736.60 | 145 | ● | |
| 296-XL | 751.84 | 148 | | |
| 300-XL | 762.00 | 150 | ● | |
| 306-XL | 777.24 | 153 | | |
| 310-XL | 787.40 | 155 | ● | |
| 316-XL | 802.64 | 158 | ● | |
| 322-XL | 817.88 | 161 | | |
| 330-XL | 838.20 | 165 | ● | |
| 340-XL | 863.60 | 170 | ● | |
| 344-XL | 873.76 | 172 | | |
| 348-XL | 883.92 | 174 | | |
| 350-XL | 889.00 | 175 | | |
| 352-XL | 894.08 | 176 | | |
| 362-XL | 919.48 | 181 | ● | |
| 372-XL | 944.88 | 186 | | |
| 380-XL | 965.20 | 190 | | |
| 382-XL | 970.28 | 191 | | |
| 384-XL | 975.36 | 192 | | |
| 390-XL | 990.60 | 195 | ● | |
| 392-XL | 995.68 | 196 | | |
| 404-XL | 1026.16 | 202 | | |
| 412-XL | 1046.48 | 206 | | |
| 424-XL | 1076.96 | 212 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 6.4 | 025 |
| 7.9 | 031 |
| 9.5 | 037 |

* Other widths available on request.

## XL (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 432-XL | 1097.28 | 216 | | |
| 434-XL | 1102.36 | 217 | ● | |
| 438-XL | 1112.52 | 219 | | |
| 450-XL | 1143.00 | 225 | ● | |
| 460-XL | 1168.40 | 230 | | |
| 490-XL | 1244.60 | 245 | | |
| 506-XL | 1285.24 | 253 | | |
| 540-XL | 1371.60 | 270 | | |
| 554-XL | 1407.16 | 277 | | |
| 564-XL | 1432.56 | 282 | | |
| 580-XL | 1473.20 | 290 | | |
| 592-XL | 1503.68 | 296 | | |
| 672-XL | 1706.88 | 336 | | |
| 736-XL | 1869.44 | 368 | | |
| 770-XL | 1955.80 | 385 | | |

| Standard widths* | |
|---|---|
| mm | code |
| 6.4 | 025 |
| 7.9 | 031 |
| 9.5 | 037 |

* Other widths available on request.

## L

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 124-L | 314.33 | 33 | ● | |
| 135-L | 342.90 | 36 | | |
| 150-L | 381.00 | 40 | ● | |
| 165-L | 419.10 | 44 | | |
| 169-L | 428.63 | 45 | ● | |
| 172-L | 438.15 | 46 | | |
| 187-L | 476.25 | 50 | ● | |
| 202-L | 514.35 | 54 | ● | |
| 210-L | 533.40 | 56 | ● | |
| 225-L | 571.50 | 60 | ● | |
| 236-L | 600.08 | 63 | | |
| 240-L | 609.60 | 64 | ● | |
| 244-L | 619.13 | 65 | | |
| 251-L | 638.18 | 67 | | |
| 255-L | 647.70 | 68 | ● | |
| 270-L | 685.80 | 72 | ● | |
| 285-L | 723.90 | 76 | ● | |
| 300-L | 762.00 | 80 | ● | |
| 322-L | 819.15 | 86 | ● | |
| 345-L | 876.30 | 92 | ● | |
| 367-L | 933.45 | 98 | ● | |
| 390-L | 990.60 | 104 | ● | |
| 405-L | 1028.70 | 108 | ● | |
| 420-L | 1066.80 | 112 | ● | |
| 450-L | 1143.00 | 120 | ● | |
| 461-L | 1171.58 | 123 | | |
| 480-L | 1219.20 | 128 | ● | |
| 510-L | 1295.40 | 136 | ● | |
| 540-L | 1371.60 | 144 | ● | |
| 600-L | 1524.00 | 160 | ● | |
| 630-L | 1600.20 | 168 | ● | |
| 660-L | 1676.40 | 176 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 12.7 | 050 |
| 19.1 | 075 |
| 25.4 | 100 |

* Other widths available on request.

## H

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 240-H | 609.60 | 48 | ● | |
| 255-H | 647.70 | 51 | | |
| 270-H | 685.80 | 54 | ● | |
| 300-H | 762.00 | 60 | ● | |
| 310-H | 787.40 | 62 | ● | |
| 330-H | 838.20 | 66 | ● | |
| 360-H | 914.40 | 72 | ● | |
| 370-H | 939.80 | 74 | | |
| 375-H | 952.50 | 75 | | |
| 390-H | 990.60 | 78 | ● | |
| 420-H | 1066.80 | 84 | ● | |
| 440-H | 1117.60 | 88 | ● | |
| 450-H | 1143.00 | 90 | ● | |
| 480-H | 1219.20 | 96 | ● | |
| 485-H | 1231.90 | 97 | | |
| 510-H | 1295.40 | 102 | ● | |
| 520-H | 1320.80 | 104 | | |
| 540-H | 1371.60 | 108 | ● | |
| 570-H | 1447.80 | 114 | ● | |
| 600-H | 1524.00 | 120 | ● | |
| 615-H | 1562.10 | 123 | | |
| 630-H | 1600.20 | 126 | ● | |
| 660-H | 1676.40 | 132 | ● | |
| 700-H | 1778.00 | 140 | ● | |
| 750-H | 1905.00 | 150 | ● | |
| 800-H | 2032.00 | 160 | ● | |
| 850-H | 2159.00 | 170 | ● | |
| 885-H | 2247.90 | 177 | | |
| 900-H | 2286.00 | 180 | ● | |
| 905-H | 2298.70 | 181 | | |
| 1000-H | 2540.00 | 200 | ● | |
| 1100-H | 2794.00 | 220 | ● | |
| 1130-H | 2870.20 | 226 | | |
| 1250-H | 3175.00 | 250 | ● | |
| 1325-H | 3365.50 | 265 | ● | |
| 1400-H | 3556.00 | 280 | ● | |
| 1460-H | 3708.40 | 292 | | |
| 1700-H | 4318.00 | 340 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 19.1 | 075 |
| 25.4 | 100 |
| 38.1 | 150 |
| 50.8 | 200 |
| 76.2 | 300 |

* Other widths available on request.

## XH

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 507-XH | 1289.05 | 58 | ● | |
| 560-XH | 1422.40 | 64 | ● | |
| 630-XH | 1600.20 | 72 | ● | |
| 700-XH | 1778.00 | 80 | ● | |
| 770-XH | 1955.80 | 88 | ● | |
| 787-XH | 2000.25 | 90 | | |
| 831-XH | 2111.38 | 95 | | |
| 840-XH | 2133.60 | 96 | ● | |
| 980-XH | 2489.20 | 112 | ● | |
| 1120-XH | 2844.80 | 128 | ● | |
| 1260-XH | 3200.40 | 144 | ● | |
| 1400-XH | 3556.00 | 160 | ● | |
| 1540-XH | 3911.60 | 176 | ● | |
| 1680-XH | 4267.20 | 192 | | |
| 1750-XH | 4445.00 | 200 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 50.8 | 200 |
| 76.2 | 300 |
| 101.6 | 400 |
| 127.0 | 500 |

* Other widths available on request.

## XXH

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| 700-XXH | 1778.00 | 56 | | |
| 800-XXH | 2032.00 | 64 | | |
| 900-XXH | 2286.00 | 72 | | |
| 1000-XXH | 2540.00 | 80 | | |
| 1200-XXH | 3048.00 | 96 | | |
| 1400-XXH | 3556.00 | 112 | | |
| 1600-XXH | 4064.00 | 128 | | |
| 1800-XXH | 4572.00 | 144 | | |

| Standard widths* | |
|---|---|
| mm | code |
| 50.8 | 200 |
| 76.2 | 300 |
| 101.6 | 400 |
| 127.0 | 500 |

* Other widths available on request.

## XL

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-150-XL | 381.00 | 75 | | |
| TP-160-XL | 406.40 | 80 | | |
| TP-170-XL | 431.80 | 85 | | |
| TP-180-XL | 457.20 | 90 | | |
| TP-190-XL | 482.60 | 95 | | |
| TP-200-XL | 508.00 | 100 | | |
| TP-210-XL | 533.40 | 105 | | |
| TP-220-XL | 558.80 | 110 | ● | |
| TP-230-XL | 584.20 | 115 | | |
| TP-240-XL | 609.60 | 120 | | |
| TP-250-XL | 635.00 | 125 | | |
| TP-260-XL | 660.40 | 130 | ● | |
| TP-280-XL | 711.20 | 140 | | |
| TP-290-XL | 736.60 | 145 | | |
| TP-300-XL | 762.00 | 150 | | |
| TP-310-XL | 787.40 | 155 | | |
| TP-348-XL | 883.92 | 174 | | |
| TP-352-XL | 894.08 | 176 | | |

| Standard widths* | |
|---|---|
| mm | code |
| 6.4 | 025 |
| 7.9 | 031 |
| 9.5 | 037 |

* Other widths available on request.

## L

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-202-L | 514.35 | 54 | | |
| TP-210-L | 533.40 | 56 | | |
| TP-225-L | 571.50 | 60 | | |
| TP-240-L | 609.60 | 64 | ● | |
| TP-255-L | 647.70 | 68 | | |
| TP-270-L | 685.80 | 72 | | |
| TP-285-L | 723.90 | 76 | | |
| TP-300-L | 762.00 | 80 | ● | |
| TP-322-L | 819.15 | 86 | ● | |
| TP-345-L | 876.30 | 92 | ● | |
| TP-367-L | 933.45 | 98 | ● | |
| TP-390-L | 990.60 | 104 | ● | |
| TP-420-L | 1066.80 | 112 | ● | |
| TP-450-L | 1143.00 | 120 | ● | |
| TP-480-L | 1219.20 | 128 | ● | |
| TP-510-L | 1295.40 | 136 | ● | |
| TP-540-L | 1371.60 | 144 | | |
| TP-600-L | 1524.00 | 160 | ● | |
| TP-630-L | 1600.20 | 168 | | |
| TP-660-L | 1676.40 | 176 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 12.7 | 050 |
| 19.1 | 075 |
| 25.4 | 100 |

* Other widths available on request.

## H

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-240-H | 609.60 | 48 | | |
| TP-270-H | 685.80 | 54 | ● | |
| TP-300-H | 762.00 | 60 | ● | |
| TP-330-H | 838.20 | 66 | ● | |
| TP-360-H | 914.40 | 72 | ● | |
| TP-390-H | 990.60 | 78 | | |
| TP-420-H | 1066.80 | 84 | ● | |
| TP-450-H | 1143.00 | 90 | | |
| TP-480-H | 1219.20 | 96 | ● | |
| TP-510-H | 1295.40 | 102 | ● | |
| TP-540-H | 1371.60 | 108 | ● | |
| TP-570-H | 1447.80 | 114 | ● | |
| TP-600-H | 1524.00 | 120 | ● | |
| TP-630-H | 1600.20 | 126 | ● | |
| TP-660-H | 1676.40 | 132 | ● | |
| TP-700-H | 1778.00 | 140 | ● | |
| TP-750-H | 1905.00 | 150 | ● | |
| TP-800-H | 2032.00 | 160 | ● | |
| TP-850-H | 2159.00 | 170 | ● | |
| TP-900-H | 2286.00 | 180 | ● | |
| TP-1000-H | 2540.00 | 200 | ● | |
| TP-1100-H | 2794.00 | 220 | ● | |
| TP-1250-H | 3175.00 | 250 | | |
| TP-1400-H | 3556.00 | 280 | | |
| TP-1700-H | 4318.00 | 340 | ● | |

| Standard widths* | |
|---|---|
| mm | code |
| 19.1 | 075 |
| 25.4 | 100 |
| 38.1 | 150 |
| 50.8 | 200 |
| 76.2 | 300 |

* Other widths available on request.

## POWERGRIP™ HTD™ 5M

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-HTD-425-5M | 425 | 85 | ● | |
| TP-HTD-475-5M | 475 | 95 | | |
| TP-HTD-500-5M | 500 | 100 | | |
| TP-HTD-600-5M | 600 | 120 | ● | |
| TP-HTD-615-5M | 615 | 123 | ● | |
| TP-HTD-640-5M | 640 | 128 | | |
| TP-HTD-670-5M | 670 | 134 | | |
| TP-HTD-700-5M | 700 | 140 | | |
| TP-HTD-755-5M | 755 | 151 | | |
| TP-HTD-800-5M | 800 | 160 | | |
| TP-HTD-835-5M | 835 | 167 | ● | |
| TP-HTD-890-5M | 890 | 178 | | |
| TP-HTD-925-5M | 925 | 185 | ● | ● |
| TP-HTD-935-5M | 935 | 187 | ● | |
| TP-HTD-1100-5M | 1100 | 220 | ● | |
| TP-HTD-1200-5M | 1200 | 240 | ● | |
| TP-HTD-1270-5M | 1270 | 254 | ● | |
| TP-HTD-1420-5M | 1420 | 284 | ● | |
| TP-HTD-1595-5M | 1595 | 319 | ● | |
| TP-HTD-1690-5M | 1690 | 338 | ● | |
| TP-HTD-1870-5M | 1870 | 374 | | |
| TP-HTD-1945-5M | 1945 | 389 | ● | |
| TP-HTD-2000-5M | 2000 | 400 | | |
| TP-HTD-2100-5M | 2100 | 420 | | |
| TP-HTD-2250-5M | 2250 | 450 | | |
| TP-HTD-2350-5M | 2350 | 470 | | |
| TP-HTD-2525-5M | 2525 | 505 | | |

| Standard widths* |
|---|
| mm |
| 9.0 |
| 15.0 |
| 25.0 |

* Other widths available on request.

## POWERGRIP™ GT2 8MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-GT2-480-8MGT | 480 | 60 | ● | |
| TP-GT2-560-8MGT | 560 | 70 | ● | |
| TP-GT2-600-8MGT | 600 | 75 | ● | |
| TP-GT2-640-8MGT | 640 | 80 | ● | |
| TP-GT2-720-8MGT | 720 | 90 | ● | |
| TP-GT2-800-8MGT | 800 | 100 | ● | |
| TP-GT2-880-8MGT | 880 | 110 | ● | |
| TP-GT2-960-8MGT | 960 | 120 | ● | |
| TP-GT2-1040-8MGT | 1040 | 130 | ● | |
| TP-GT2-1120-8MGT | 1120 | 140 | ● | |
| TP-GT2-1200-8MGT | 1200 | 150 | ● | |
| TP-GT2-1280-8MGT | 1280 | 160 | ● | |
| TP-GT2-1360-8MGT | 1360 | 170 | | ● |
| TP-GT2-1440-8MGT | 1440 | 180 | ● | |
| TP-GT2-1600-8MGT | 1600 | 200 | ● | |
| TP-GT2-1760-8MGT | 1760 | 220 | ● | |
| TP-GT2-1800-8MGT | 1800 | 225 | ● | |
| TP-GT2-2000-8MGT | 2000 | 250 | ● | |
| TP-GT2-2200-8MGT | 2200 | 275 | | ● |
| TP-GT2-2400-8MGT | 2400 | 300 | ● | |
| TP-GT2-2600-8MGT | 2600 | 325 | ● | |
| TP-GT2-2800-8MGT | 2800 | 350 | ● | |
| TP-GT2-3048-8MGT | 3048 | 381 | ● | |
| TP-GT2-3280-8MGT | 3280 | 410 | ● | |
| TP-GT2-3600-8MGT | 3600 | 450 | ● | |
| TP-GT2-4400-8MGT | 4400 | 550 | ● | |
| TP-GT2-4960-8MGT | 4960 | 620 | | |

| Standard widths* |
|---|
| mm |
| 20 |
| 30 |
| 50 |
| 85 |

* Other widths available on request.

## POWERGRIP™ GT2 14MGT

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| TP-GT2-1610-14MGT | 1610 | 115 | ● | |
| TP-GT2-1778-14MGT | 1778 | 127 | | |
| TP-GT2-1890-14MGT | 1890 | 135 | ● | |
| TP-GT2-2100-14MGT | 2100 | 150 | ● | |
| TP-GT2-2310-14MGT | 2310 | 165 | ● | |
| TP-GT2-2450-14MGT | 2450 | 175 | | |
| TP-GT2-2590-14MGT | 2590 | 185 | | |
| TP-GT2-2800-14MGT | 2800 | 200 | ● | |
| TP-GT2-3150-14MGT | 3150 | 225 | ● | |
| TP-GT2-3360-14MGT | 3360 | 240 | | |
| TP-GT2-3500-14MGT | 3500 | 250 | ● | |
| TP-GT2-3850-14MGT | 3850 | 275 | | |
| TP-GT2-4326-14MGT | 4326 | 309 | | |
| TP-GT2-4578-14MGT | 4578 | 327 | | |
| TP-GT2-4956-14MGT | 4956 | 354 | | |
| TP-GT2-5320-14MGT | 5320 | 380 | | |
| TP-GT2-5740-14MGT | 5740 | 410 | ● | |
| TP-GT2-6160-14MGT | 6160 | 440 | | |
| TP-GT2-6860-14MGT | 6860 | 490 | | |

| Standard widths* |
|---|
| mm |
| 40 |
| 55 |
| 85 |
| 115 |
| 170 |

* Other widths available on request.

## POWERGRIP™ - MXL, XL, L & H PITCH

| Section | Pitch | Pitch | Length on roll | Width - code/mm | Stock | Width - code/mm | Stock |
|---|---|---|---|---|---|---|---|
| | inch | mm | m | Fibreglass | | Steel | |
| MXL (Spiral cut) | 2/25 | 2.032 | 201 | 019 / 4.8 | | / | |
| | | | 148 | 025 / 6.4 | | | |
| | | | 73 | 050 / 12.7 | | | |
| XL | 1/5 | 5.08 | 30 | 025 / 6.4 | ● | / | |
| | | | 30 | 031 / 7.8 | | | |
| | | | 30 | 037 / 9.4 | ● | | |
| | | | 30 | 050 / 12.7 | | | |
| L | 3/8 | 9.525 | 30 | 037 / 9.4 | | / | |
| | | | 30 | 050 / 12.7 | ● | | |
| | | | 30 | 075 / 19.1 | | | |
| | | | 30 | 100 / 25.4 | ● | | |
| H | 1/2 | 12.7 | 30 | 050 / 12.7 | | 050 / 12.7 | |
| | | | 30 | 075 / 19.1 | ● | 075 / 19.1 | |
| | | | 30 | 100 / 25.4 | ● | 100 / 25.4 | |
| | | | 30 | 150 / 38.1 | ● | 150 / 38.1 | |
| | | | 30 | 200 / 50.8 | | 200 / 50.8 | |
| | | | 30 | 300 / 76.2 | | 300 / 76.2 | |

For XL - L - H: other widths and roll lengths available on request.

## POWERGRIP™ HTD™ - 3M, 5M, 8M & 14M PITCH

| Section | Pitch | Length on roll | Width - mm | Stock | Width - mm | Stock |
|---|---|---|---|---|---|---|
| | mm | m | Fibreglass | | Steel | |
| 3M | 3 | 30 | 6 | ● | / | |
| | | 30 | 9 | ● | | |
| | | 30 | 15 | ● | | |
| 5M | 5 | 30 | 6 | ● | 6 | |
| | | 30 | 10 | ● | 10 | ● |
| | | 30 | 15 | ● | 15 | ● |
| | | 30 | 25 | ● | 25 | ● |
| 8M | 8 | 30 | 10 | ● | 10 | ● |
| | | 30 | 15 | ● | 15 | ● |
| | | 30 | 20 | ● | 20 | ● |
| | | 30 | 30 | ● | 30 | ● |
| | | 30 | 50 | ● | 50 | ● |
| | | 30 | 85 | ● | 85 | ● |
| 14M | 14 | 30 | 25 | | 25 | |
| | | 30 | 40 | ● | 40 | ● |
| | | 30 | 55 | ● | 55 | ● |
| | | 30 | 85 | ● | 85 | ● |
| | | 30 | 115 | ● | 115 | ● |

Other widths and roll lengths available on request.

## POWERGRIP™ GT - 2MR, 3MR, 5MR & 8MR PITCH

| Section | Pitch | Length on roll | Width - mm | Stock | Width - mm | Stock |
|---|---|---|---|---|---|---|
| | mm | m | Fibreglass | | Steel | |
| 2MR (Spiral cut) | 2 | 350 | 3 | | / | |
| | | 182 | 6 | | | |
| | | 119 | 9 | | | |
| 3MR | 3 | 30 | 6 | ● | / | |
| | | 30 | 9 | ● | | |
| | | 30 | 15 | ● | | |
| 5MR | 5 | 30 | 6 | | 6 | |
| | | 30 | 10 | ● | 10 | ● |
| | | 30 | 15 | ● | 15 | ● |
| | | 30 | 25 | ● | 25 | ● |
| 8MR | 8 | 30 | 10 | | 10 | ● |
| | | 30 | 15 | ● | 15 | ● |
| | | 30 | 20 | ● | 20 | ● |
| | | 30 | 30 | ● | 30 | ● |
| | | 30 | 50 | ● | 50 | ● |

For 3MR - 5MR - 8MR: other widths and roll lengths available on request.

## POLY CHAIN® GT CARBON™ 8MGT & 14MGT PITCH

| Section | Pitch | Length on roll | Width - mm | Stock | New size |
|---|---|---|---|---|---|
| | mm | m | Carbon | | |
| 8M | 8 | 30 | 12 | ● | |
| | | 30 | 21 | ● | |
| | | 30 | 36 | ● | |
| 14M | 14 | 30 | 20 | ● | |
| | | 30 | 37 | ● | |

Other widths available on request.

## POWERGRIP™ GTX

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| PPT-GTX-264-8MX | 264 | 33 | | |
| PPT-GTX-320-8MX | 320 | 40 | | |
| PPT-GTX-376-8MX | 376 | 47 | | |
| PPT-GTX-384-8MX | 384 | 48 | | |
| PPT-GTX-424-8MX | 424 | 53 | | |
| PPT-GTX-480-8MX | 480 | 60 | | |
| PPT-GTX-512-8MX | 512 | 64 | | |
| PPT-GTX-520-8MX | 520 | 65 | | |
| PPT-GTX-560-8MX | 560 | 70 | | |
| PPT-GTX-576-8MX | 576 | 72 | | |
| PPT-GTX-600-8MX | 600 | 75 | | |
| PPT-GTX-608-8MX | 608 | 76 | | |
| PPT-GTX-624-8MX | 624 | 78 | | |
| PPT-GTX-640-8MX | 640 | 80 | | |
| PPT-GTX-656-8MX | 656 | 82 | | |
| PPT-GTX-720-8MX | 720 | 90 | | |
| PPT-GTX-760-8MX | 760 | 95 | | |
| PPT-GTX-776-8MX | 776 | 97 | | |
| PPT-GTX-800-8MX | 800 | 100 | | |
| PPT-GTX-840-8MX | 840 | 105 | | |
| PPT-GTX-856-8MX | 856 | 107 | | |
| PPT-GTX-880-8MX | 880 | 110 | | |
| PPT-GTX-912-8MX | 912 | 114 | | |
| PPT-GTX-920-8MX | 920 | 115 | | |
| PPT-GTX-960-8MX | 960 | 120 | | |
| PPT-GTX-968-8MX | 968 | 121 | | |
| PPT-GTX-976-8MX | 976 | 122 | | |
| PPT-GTX-1000-8MX | 1000 | 125 | | |
| PPT-GTX-1040-8MX | 1040 | 130 | | |
| PPT-GTX-1064-8MX | 1064 | 133 | | |
| PPT-GTX-1080-8MX | 1080 | 135 | | |
| PPT-GTX-1120-8MX | 1120 | 140 | | |
| PPT-GTX-1128-8MX | 1128 | 141 | | |
| PPT-GTX-1160-8MX | 1160 | 145 | | |
| PPT-GTX-1176-8MX | 1176 | 147 | | |
| PPT-GTX-1200-8MX | 1200 | 150 | | |
| PPT-GTX-1216-8MX | 1216 | 152 | | |
| PPT-GTX-1224-8MX | 1224 | 153 | | |
| PPT-GTX-1256-8MX | 1256 | 157 | | |
| PPT-GTX-1264-8MX | 1264 | 158 | | |
| PPT-GTX-1280-8MX | 1280 | 160 | | |
| PPT-GTX-1304-8MX | 1304 | 163 | | |
| PPT-GTX-1360-8MX | 1360 | 170 | | |
| PPT-GTX-1424-8MX | 1424 | 178 | | |
| PPT-GTX-1432-8MX | 1432 | 179 | | |
| PPT-GTX-1440-8MX | 1440 | 180 | | |
| PPT-GTX-1512-8MX | 1512 | 189 | | |
| PPT-GTX-1520-8MX | 1520 | 190 | | |
| PPT-GTX-1552-8MX | 1552 | 194 | | |
| PPT-GTX-1584-8MX | 1584 | 198 | | |
| PPT-GTX-1600-8MX | 1600 | 200 | | |

## POWERGRIP™ GTX (CONTINUED)

| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| PPT-GTX-1696-8MX | 1696 | 212 | | |
| PPT-GTX-1728-8MX | 1728 | 216 | | |
| PPT-GTX-1760-8MX | 1760 | 220 | | |
| PPT-GTX-1800-8MX | 1800 | 225 | | |
| PPT-GTX-1880-8MX | 1880 | 235 | | |
| PPT-GTX-1896-8MX | 1896 | 237 | | |
| PPT-GTX-1904-8MX | 1904 | 238 | | |
| PPT-GTX-2000-8MX | 2000 | 250 | | |
| PPT-GTX-2080-8MX | 2080 | 260 | | |
| PPT-GTX-2200-8MX | 2200 | 275 | | |
| PPT-GTX-2240-8MX | 2240 | 280 | | |
| PPT-GTX-2272-8MX | 2272 | 284 | | |
| PPT-GTX-2400-8MX | 2400 | 300 | | |
| PPT-GTX-2504-8MX | 2504 | 313 | | |
| PPT-GTX-2600-8MX | 2600 | 325 | | |
| PPT-GTX-2800-8MX | 2800 | 350 | | |
| PPT-GTX-3048-8MX | 3048 | 381 | | |
| PPT-GTX-3280-8MX | 3280 | 410 | | |
| PPT-GTX-3600-8MX | 3600 | 450 | | |
| PPT-GTX-4400-8MX | 4400 | 550 | | |
| PPT-GTX-784-14MX | 784 | 56 | | |
| PPT-GTX-826-14MX | 826 | 59 | | |
| PPT-GTX-924-14MX | 924 | 66 | | |
| PPT-GTX-966-14MX | 966 | 69 | | |
| PPT-GTX-1092-14MX | 1092 | 78 | | |
| PPT-GTX-1190-14MX | 1190 | 85 | | |
| PPT-GTX-1400-14MX | 1400 | 100 | | |
| PPT-GTX-1610-14MX | 1610 | 115 | | |
| PPT-GTX-1750-14MX | 1750 | 125 | | |
| PPT-GTX-1778-14MX | 1778 | 127 | | |
| PPT-GTX-1890-14MX | 1890 | 135 | | |
| PPT-GTX-2100-14MX | 2100 | 150 | | |
| PPT-GTX-2310-14MX | 2310 | 165 | | |
| PPT-GTX-2450-14MX | 2450 | 175 | | |
| PPT-GTX-2590-14MX | 2590 | 185 | | |
| PPT-GTX-2800-14MX | 2800 | 200 | | |
| PPT-GTX-3150-14MX | 3150 | 225 | | |
| PPT-GTX-3500-14MX | 3500 | 250 | | |
| PPT-GTX-3850-14MX | 3850 | 275 | | |
| PPT-GTX-4004-14MX | 4004 | 286 | | |
| PPT-GTX-4326-14MX | 4326 | 309 | | |
| PPT-GTX-4578-14MX | 4578 | 327 | | |

## POWERGRIP™ GT4

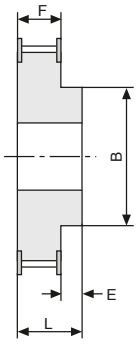
| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| PPT-GT4-384-8MGT | 384 | 48 | | |
| PPT-GT4-480-8MGT | 480 | 60 | | |
| PPT-GT4-560-8MGT | 560 | 70 | | |
| PPT-GT4-600-8MGT | 600 | 75 | | |
| PPT-GT4-640-8MGT | 640 | 80 | | |
| PPT-GT4-720-8MGT | 720 | 90 | | |
| PPT-GT4-800-8MGT | 800 | 100 | | |
| PPT-GT4-840-8MGT | 840 | 105 | | |
| PPT-GT4-880-8MGT | 880 | 110 | | |
| PPT-GT4-920-8MGT | 920 | 115 | | |
| PPT-GT4-960-8MGT | 960 | 120 | | |
| PPT-GT4-1040-8MGT | 1040 | 130 | | |
| PPT-GT4-1064-8MGT | 1064 | 133 | | |
| PPT-GT4-1120-8MGT | 1120 | 140 | | |
| PPT-GT4-1160-8MGT | 1160 | 145 | | |
| PPT-GT4-1200-8MGT | 1200 | 150 | | |
| PPT-GT4-1280-8MGT | 1280 | 160 | | |
| PPT-GT4-1440-8MGT | 1440 | 180 | | |
| PPT-GT4 -1512-8MGT | 1512 | 189 | | |
| PPT-GT4-1584-8MGT | 1584 | 198 | | |
| PPT-GT4-1600-8MGT | 1600 | 200 | | |
| PPT-GT4-1760-8MGT | 1760 | 220 | | |
| PPT-GT4-1800-8MGT | 1800 | 225 | | |
| PPT-GT4-2000-8MGT | 2000 | 250 | | |
| PPT-GT4-2400-8MGT | 2400 | 300 | | |
| PPT-GT4-2600-8MGT | 2600 | 325 | | |
| PPT-GT4-2800-8MGT | 2800 | 350 | | |
| PPT-GT4-3048-8MGT | 3048 | 381 | | |
| PPT-GT4-3280-8MGT | 3280 | 410 | | |
| PPT-GT4-3600-8MGT | 3600 | 450 | | |
| PPT-GT4-4400-8MGT | 4400 | 550 | | |
| PPT-GT4-1190-14MGT | 1190 | 85 | | |
| PPT-GT4-1400-14MGT | 1400 | 100 | | |
| PPT-GT4-1750-14MGT | 1750 | 125 | | |
| PPT-GT4-1778-14MGT | 1778 | 127 | | |
| PPT-GT4-1890-14MGT | 1890 | 135 | | |
| PPT-GT4-2100-14MGT | 2100 | 150 | | |
| PPT-GT4-2800-14MGT | 2800 | 200 | | |
| PPT-GT4-3150-14MGT | 3150 | 225 | | |
| PPT-GT4-3500-14MGT | 3500 | 250 | | |
| PPT-GT4-3850-14MGT | 3850 | 275 | | |
| PPT-GT4-4326-14MGT | 4326 | 309 | | |

## POWERGRIP™ HTD™

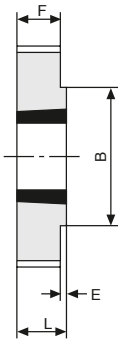
| Description | Pitch length | nr of teeth | Stock | New size |
|---|---|---|---|---|
| | mm | | | |
| PPT-HTD-500-5M | 500 | 100 | | |
| PPT-HTD-635-5M | 635 | 127 | | |
| PPT-HTD-640-5M | 640 | 128 | | |
| PPT-HTD-670-5M | 670 | 134 | | |
| PPT-HTD-700-5M | 700 | 140 | | |
| PPT-HTD-720-5M | 720 | 144 | | |
| PPT-HTD-775-5M | 775 | 155 | | |
| PPT-HTD-800-5M | 800 | 160 | | |
| PPT-HTD-384-8M | 384 | 48 | | |
| PPT-HTD-480-8M | 480 | 60 | | |
| PPT-HTD-560-8M | 560 | 70 | | |
| PPT-HTD-600-8M | 600 | 75 | | |
| PPT-HTD-640-8M | 640 | 80 | | |
| PPT-HTD-720-8M | 720 | 90 | | |
| PPT-HTD-800-8M | 800 | 100 | | |
| PPT-HTD-880-8M | 880 | 110 | | |
| PPT-HTD-960-8M | 960 | 120 | | |
| PPT-HTD-1000-8M | 1000 | 125 | | |
| PPT-HTD-1040-8M | 1040 | 130 | | |
| PPT-HTD-1120-8M | 1120 | 140 | | |
| PPT-HTD-1160-8M | 1160 | 145 | | |
| PPT-HTD-1200-8M | 1200 | 150 | | |
| PPT-HTD-1280-8M | 1280 | 160 | | |
| PPT-HTD-1360-8M | 1360 | 170 | | |
| PPT-HTD-1440-8M | 1440 | 180 | | |
| PPT-HTD-1600-8M | 1600 | 200 | | |
| PPT-HTD-1760-8M | 1760 | 220 | | |
| PPT-HTD-1800-8M | 1800 | 225 | | |
| PPT-HTD-2000-8M | 2000 | 250 | | |
| PPT-HTD-2080-8M | 2080 | 260 | | |
| PPT-HTD-2240-8M | 2240 | 280 | | |
| PPT-HTD-2400-8M | 2400 | 300 | | |
| PPT-HTD-2600-8M | 2600 | 325 | | |
| PPT-HTD-2800-8M | 2800 | 350 | | |
| PPT-HTD-1890-14M | 1890 | 135 | | |
| PPT-HTD-2100-14M | 2100 | 150 | | |
| PPT-HTD-2800-14M | 2800 | 200 | | |
| PPT-HTD-4326-14M | 4326 | 309 | | |

## PULLEY INFORMATION

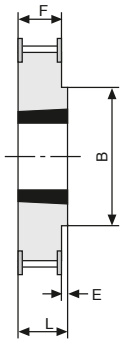
### PULLEY TYPES



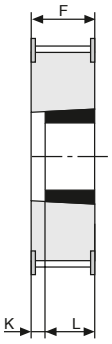

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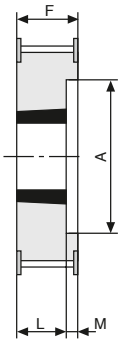

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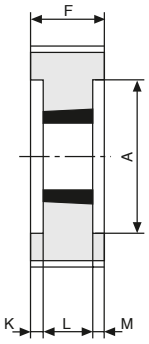

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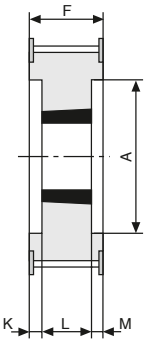

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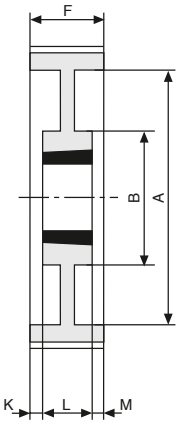

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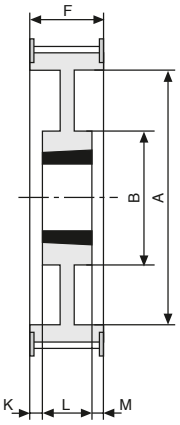

**Type 6**



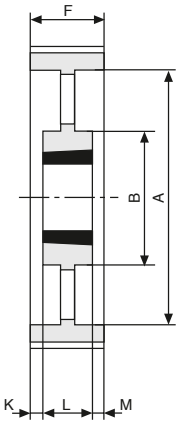

**Type 6F**



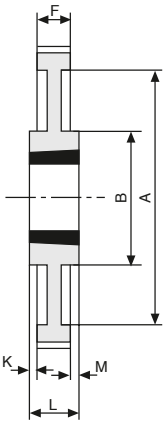

**Type 7**



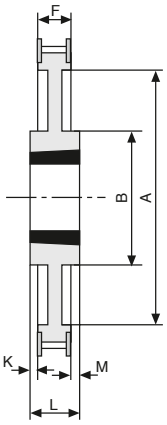

**Type 7F**



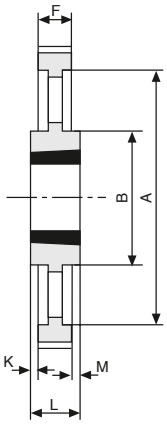

**Type 8**




**Type 9**




**Type 9F**




**Type 10**

## PULLEY INFORMATION

**Notes:** Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Gates reserves the right to supply pulleys of either material against orders for standard pulleys.
**Specification:** cast iron 220 N/mm² / steel 220 M07.

### PULLEY SPECIFICATIONS

| Pulley designation | No. of teeth | Pulley type | Bush No. | Max. bore | | Diameters mm | | | | | | | | | | Weight | Moment of inertia $10^{-4}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Metric | Inch | Pitch | Outside | Flange | A | B | E | F | K | L | M | kg | kgm² |
| 8M-22S-12 | 22 | 1F | PB | 28* | 1 1/8 | 56.02 | 54.42 | 60 | - | 43 | 10 | 20 | - | 30 | - | 0.43 | 1.68 |
| 8M-25S-12 | 25 | 2F | 1108 | 28 | 1 1/8 | 63.66 | 62.06 | 70 | - | 49 | 2 | 20 | - | 22 | - | 0.25 | 1.26 |
| 8M-28S-12 | 28 | 2F | 1108 | 28 | 1 1/8 | 71.30 | 69.70 | 75 | - | 56 | 2 | 20 | - | 22 | - | 0.37 | 2.35 |
| 8M-30S-12 | 30 | 2F | 1210 | 32 | 1 1/4 | 76.39 | 74.79 | 82.5 | - | 60 | 5 | 20 | - | 25 | - | 0.41 | 2.99 |
| 8M-32S-12 | 32 | 2F | 1610 | 42 | 1 5/8 | 81.49 | 79.89 | 87 | - | 66 | 5 | 20 | - | 25 | - | 0.37 | 3.07 |
| 8M-34S-12 | 34 | 2F | 1610 | 42 | 1 5/8 | 86.58 | 84.98 | 91 | - | 69 | 5 | 20 | - | 25 | - | 0.45 | 4.21 |
| 8M-36S-12 | 36 | 2F | 1610 | 42 | 1 5/8 | 91.67 | 90.07 | 97 | - | 76 | 5 | 20 | - | 25 | - | 0.59 | 6.19 |
| 8M-38S-12 | 38 | 2F | 1610 | 42 | 1 5/8 | 96.77 | 95.17 | 102 | - | 78 | 5 | 20 | - | 25 | - | 0.70 | 8.19 |
| 8M-40S-12 | 40 | 2F | 1610 | 42 | 1 5/8 | 101.86 | 100.26 | 106 | - | 85 | 5 | 20 | - | 25 | - | 0.82 | 10.63 |
| 8M-45S-12 | 45 | 2F | 2012 | 50 | 2 | 114.59 | 112.99 | 120 | - | 92 | 12 | 20 | - | 32 | - | 1.10 | 18.05 |
| 8M-48S-12 | 48 | 2F | 2012 | 50 | 2 | 112.23 | 120.63 | 128 | - | 103 | 12 | 20 | - | 32 | - | 1.42 | 26.51 |
| 8M-50S-12 | 50 | 2F | 2012 | 50 | 2 | 127.32 | 125.72 | 135 | - | 104 | 12 | 20 | - | 32 | - | 1.60 | 32.42 |
| 8M-56S-12 | 56 | 2F | 2012 | 50 | 2 | 142.60 | 141.00 | 150 | - | 104 | 12 | 20 | - | 32 | - | 2.10 | 53.37 |
| 8M-60S-12 | 60 | 2F | 2012 | 50 | 2 | 152.79 | 151.19 | 158 | - | 111 | 12 | 20 | - | 32 | - | 2.40 | 70.03 |
| 8M-64S-12 | 64 | 2F | 2012 | 50 | 2 | 162.97 | 161.37 | 168 | - | 111 | 12 | 20 | - | 32 | - | 2.70 | 89.64 |
| 8M-75S-12 | 75 | 2 | 2012 | 50 | 2 | 190.99 | 189.39 | - | - | 111 | 12 | 20 | - | 32 | - | 3.70 | 168.70 |
| 8M-80S-12 | 80 | 2 | 2012 | 50 | 2 | 203.72 | 202.12 | - | - | 111 | 12 | 20 | - | 32 | - | 4.40 | 228.26 |
| 8M-90S-12 | 90 | 2 | 2012 | 50 | 2 | 229.18 | 227.58 | - | - | 111 | 12 | 20 | - | 32 | - | 5.50 | 361.10 |
| 8M-22S-21 | 22 | 1F | PB | 28* | 1 1/8 | 56.02 | 54.42 | 60 | - | 43 | 12 | 30 | - | 42 | - | 0.56 | 2.19 |
| 8M-25S-21 | 25 | 3F | 1108 | 28 | 1 1/8 | 63.66 | 62.06 | 70 | - | - | - | 30 | 8 | 22 | - | 0.36 | 1.82 |
| 8M-28S-21 | 28 | 3F | 1210 | 32 | 1 1/4 | 71.30 | 69.70 | 75 | - | - | - | 30 | 5 | 25 | - | 0.41 | 2.60 |
| 8M-30S-21 | 30 | 3F | 1210 | 32 | 1 1/4 | 76.39 | 74.79 | 82.5 | - | - | - | 30 | 5 | 25 | - | 0.56 | 4.08 |
| 8M-32S-21 | 32 | 3F | 1610 | 42 | 1 5/8 | 81.49 | 79.89 | 87 | - | - | - | 30 | 5 | 25 | - | 0.52 | 4.31 |
| 8M-34S-21 | 34 | 3F | 1610 | 42 | 1 5/8 | 86.58 | 84.98 | 91 | - | - | - | 30 | 5 | 25 | - | 0.61 | 5.72 |
| 8M-36S-21 | 36 | 3F | 1610 | 42 | 1 5/8 | 91.67 | 90.07 | 97 | - | - | - | 30 | 5 | 25 | - | 0.70 | 7.13 |
| 8M-38S-21 | 38 | 3F | 1610 | 42 | 1 5/8 | 96.77 | 95.17 | 102 | - | - | - | 30 | 5 | 25 | - | 0.92 | 10.72 |
| 8M-40S-21 | 40 | 3F | 1610 | 42 | 1 5/8 | 101.86 | 100.26 | 106 | - | - | - | 30 | 5 | 25 | - | 1.06 | 13.75 |
| 8M-45S-21 | 45 | 2F | 2012 | 50 | 2 | 114.59 | 112.99 | 120 | - | 92 | 2 | 30 | - | 32 | - | 1.30 | 21.33 |
| 8M-48S-21 | 48 | 2F | 2012 | 50 | 2 | 122.23 | 120.63 | 128 | - | 103 | 2 | 30 | - | 32 | - | 1.60 | 29.88 |
| 8M-50S-21 | 50 | 2F | 2012 | 50 | 2 | 127.32 | 125.72 | 135 | - | 104 | 2 | 30 | - | 32 | - | 1.83 | 37.08 |
| 8M-56S-21 | 56 | 2F | 2012 | 50 | 2 | 142.60 | 141.00 | 150 | - | 111 | 2 | 30 | - | 32 | - | 2.40 | 61.00 |
| 8M-60S-21 | 60 | 2F | 2517 | 60 | 2 1/2 | 152.79 | 151.19 | 158 | - | 124 | 15 | 30 | - | 45 | - | 3.20 | 93.37 |
| 8M-64S-21 | 64 | 2F | 2517 | 60 | 2 1/2 | 162.97 | 161.37 | 168 | - | 124 | 15 | 30 | - | 45 | - | 3.80 | 126.15 |
| 8M-75S-21 | 75 | 2 | 2517 | 60 | 2 1/2 | 190.99 | 189.39 | - | - | 124 | 15 | 30 | - | 45 | - | 5.20 | 237.10 |
| 8M-80S-21 | 80 | 2 | 2517 | 60 | 2 1/2 | 203.72 | 202.12 | - | - | 124 | 15 | 30 | - | 45 | - | 6.00 | 311.41 |
| 8M-90S-21 | 90 | 2 | 2517 | 60 | 2 1/2 | 229.18 | 227.58 | - | 198 | 124 | - | 30 | 7.5 | 45 | 7.5 | 5.40 | 354.53 |
| 8M-112S-21 | 112 | 2 | 2517 | 60 | 2 1/2 | 285.21 | 283.61 | - | 253 | 124 | - | 30 | 7.5 | 45 | 7.5 | 7.40 | 752.44 |
| 8M-140S-21 | 140 | 10 | 3020 | 75 | 3 | 356.51 | 354.91 | - | 324 | 150 | - | 30 | 10.5 | 51 | 10.5 | 9.00 | 1429.86 |

* Max. bore to be fitted with shallow keys. PB = Plain Bored Bush. For peripheral speeds greater than 40 m/sec consult Gates.

## PULLEY INFORMATION

**Notes:** Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Gates reserves the right to supply pulleys of either material against orders for standard pulleys.
**Specification:** cast iron 220 N/mm² / steel 220 M07.

### PULLEY SPECIFICATIONS

| Pulley designation | No. of teeth | Pulley type | Bush No. | Max. bore | | Diameters mm | | | A | B | E | F | K | L | M | Weight | Moment of inertia $10^{-4}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Metric | Inch | Pitch | Outside | Flange | | | | | | | | kg | kgm² |
| 8M-25S-36 | 25 | 1F | PB | 32 | 1 1/4 | 63.66 | 62.06 | 70 | - | 49 | 10 | 45 | - | 55 | - | 1.04 | 5.26 |
| 8M-28S-36 | 28 | 3F | 1210 | 32 | 1 1/4 | 71.30 | 69.70 | 75 | - | - | - | 45 | - | - | - | 0.64 | 4.06 |
| 8M-30S-36 | 30 | 3F | 1610 | 42 | 1 5/8 | 76.39 | 74.79 | 82.5 | - | - | - | 45 | - | - | - | 0.59 | 4.30 |
| 8M-32S-36 | 32 | 3F | 1610 | 42 | 1 5/8 | 81.49 | 79.89 | 87 | - | - | - | 45 | - | - | - | 0.79 | 6.55 |
| 8M-34S-36 | 34 | 3F | 1610 | 42 | 1 5/8 | 86.58 | 84.98 | 91 | - | - | - | 45 | - | - | - | 0.93 | 8.71 |
| 8M-36S-36 | 36 | 3F | 1610 | 42 | 1 5/8 | 91.67 | 90.07 | 97 | - | - | - | 45 | - | - | - | 1.15 | 12.07 |
| 8M-38S-36 | 38 | 3F | 1610 | 42 | 1 5/8 | 96.77 | 95.17 | 102 | - | - | - | 45 | - | - | - | 1.39 | 16.27 |
| 8M-40S-36 | 40 | 3F | 2012 | 50 | 2 | 101.86 | 100.26 | 106 | - | - | - | 45 | - | - | - | 1.34 | 17.37 |
| 8M-45S-36 | 45 | 3F | 2012 | 50 | 2 | 114.59 | 112.99 | 120 | - | - | - | 45 | - | - | - | 1.87 | 30.69 |
| 8M-48S-36 | 48 | 3F | 2012 | 50 | 2 | 122.23 | 120.63 | 128 | - | - | - | 45 | - | - | - | 2.20 | 41.09 |
| 8M-50S-36 | 50 | 3F | 2012 | 50 | 2 | 127.32 | 125.72 | 135 | - | - | - | 45 | - | - | - | 2.70 | 54.71 |
| 8M-56S-36 | 56 | 3F | 2517 | 60 | 2 1/2 | 142.60 | 141.00 | 150 | - | - | - | 45 | - | - | - | 3.00 | 76.26 |
| 8M-60S-36 | 60 | 3F | 2517 | 60 | 2 1/2 | 152.79 | 151.19 | 158 | - | - | - | 45 | - | - | - | 3.80 | 110.88 |
| 8M-64S-36 | 64 | 3F | 2517 | 60 | 2 1/2 | 161.97 | 161.37 | 168 | - | - | - | 45 | - | - | - | 4.50 | 149.40 |
| 8M-75S-36 | 75 | 2 | 3020 | 75 | 3 | 190.99 | 189.39 | - | - | 150 | 6 | 45 | - | 51 | - | 6.20 | 282.70 |
| 8M-80S-36 | 80 | 2 | 3020 | 75 | 3 | 203.72 | 202.12 | - | - | 150 | 6 | 45 | - | 51 | - | 7.40 | 383.89 |
| 8M-90S-36 | 90 | 9 | 3020 | 75 | 3 | 229.18 | 227.58 | - | 197 | 150 | - | 45 | 3 | 51 | 3 | 7.20 | 472.71 |
| 8M-112S-36 | 112 | 9 | 3020 | 75 | 3 | 285.21 | 283.61 | - | 253 | 150 | - | 45 | 3 | 51 | 3 | 10.40 | 1057.50 |
| 8M-140S-36 | 140 | 10 | 3020 | 75 | 3 | 356.51 | 354.91 | - | 324 | 150 | - | 45 | 3 | 51 | 3 | 12.70 | 2017.70 |
| 8M-168S-36 | 168 | 10 | 3525 | 100 | 4 | 427.81 | 426.21 | - | 396 | 198 | - | 45 | 10 | 65 | 10 | 21.50 | 4918.70 |
| 8M-192S-36 | 192 | 10 | 3525 | 100 | 4 | 488.92 | 487.32 | - | 457 | 198 | - | 45 | 10 | 65 | 10 | 27.00 | 8067.69 |
| 8M-30S-62 | 30 | 1F | PB | 42 | 1 5/8 | 76.39 | 74.79 | 82.5 | - | 63 | 12 | 72 | - | 84 | - | 2.40 | 17.50 |
| 8M-32S-62 | 32 | 1F | PB | 50* | 2 | 81.49 | 79.89 | 87 | - | 68 | 12 | 72 | - | 84 | - | 2.80 | 23.24 |
| 8M-34S-62 | 34 | 1F | PB | 55* | 2 1/4 | 86.58 | 84.98 | 91 | - | 69 | 12 | 72 | - | 84 | - | 3.00 | 28.11 |
| 8M-36S-62 | 36 | 1F | PB | 60* | 2 1/2 | 91.67 | 90.07 | 97 | - | 76 | 12 | 72 | - | 84 | - | 3.40 | 35.71 |
| 8M-38S-62 | 38 | 1F | PB | 60 | 2 1/2 | 96.77 | 95.17 | 102 | - | 78 | 12 | 72 | - | 84 | - | 3.80 | 44.48 |
| 8M-40S-62 | 40 | 3F | 2012 | 50 | 2 | 101.86 | 100.26 | 106 | - | - | - | 72 | - | - | - | 2.06 | 26.71 |
| 8M-45S-62 | 45 | 3F | 2012 | 50 | 2 | 114.59 | 112.99 | 120 | - | - | - | 72 | - | - | - | 3.00 | 49.24 |
| 8M-48S-62 | 48 | 3F | 2517 | 60 | 2 1/2 | 122.23 | 120.63 | 128 | - | - | - | 72 | - | - | - | 2.90 | 54.51 |
| 8M-50S-62 | 50 | 3F | 2517 | 60 | 2 1/2 | 127.32 | 125.72 | 135 | - | - | - | 72 | - | - | - | 3.25 | 65.85 |
| 8M-56S-62 | 56 | 6F | 2517 | 60 | 2 1/2 | 142.60 | 141.00 | 150 | 111 | - | - | 72 | 13.5 | 45 | 13.5 | 3.90 | 99.13 |
| 8M-60S-62 | 60 | 6F | 2517 | 60 | 2 1/2 | 152.79 | 151.19 | 158 | 121 | - | - | 72 | 13.5 | 45 | 13.5 | 4.70 | 137.15 |
| 8M-64S-62 | 64 | 6F | 2517 | 60 | 2 1/2 | 162.97 | 161.37 | 168 | 131 | - | - | 72 | 13.5 | 45 | 13.5 | 5.60 | 185.91 |
| 8M-75S-62 | 75 | 6 | 3020 | 75 | 3 | 190.99 | 189.39 | - | 159 | - | - | 72 | 10.5 | 51 | 10.5 | 7.50 | 341.87 |
| 8M-80S-62 | 80 | 6 | 3020 | 75 | 3 | 203.72 | 202.12 | - | 172 | - | - | 72 | 10.5 | 51 | 10.5 | 9.20 | 477.21 |
| 8M-90S-62 | 90 | 6 | 3020 | 75 | 3 | 229.18 | 227.58 | - | 197 | - | - | 72 | 10.5 | 51 | 10.5 | 7.70 | 505.54 |
| 8M-112S-62 | 112 | 7 | 3020 | 75 | 3 | 285.21 | 283.61 | - | 253 | 150 | - | 72 | 10.5 | 51 | 10.5 | 12.10 | 1230.34 |
| 8M-140S-62 | 140 | 7 | 3525 | 100 | 4 | 356.51 | 354.91 | - | 324 | 198 | - | 72 | 3.5 | 65 | 3.5 | 22.70 | 3606.44 |
| 8M-168S-62 | 168 | 8 | 3525 | 100 | 4 | 427.81 | 426.21 | - | 396 | 198 | - | 72 | 3.5 | 65 | 3.5 | 26.80 | 6131.21 |
| 8M-192S-62 | 192 | 8 | 3525 | 100 | 4 | 488.92 | 487.32 | - | 457 | 198 | - | 72 | 3.5 | 65 | 3.5 | 34.20 | 10219.08 |

* Max. bore to be fitted with shallow keys. PB = Plain Bored Bush. For peripheral speeds greater than 40 m/sec consult Gates.

## PULLEY INFORMATION

**Notes:** Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Gates reserves the right to supply pulleys of either material against orders for standard pulleys.
**Specification:** cast iron 220 N/mm² / steel 220 M07.

### PULLEY SPECIFICATIONS

| Pulley designation | No. of teeth | Pulley type | Bush No. | Max. bore | | Diameters mm | | | | | | | | | Weight | Moment of inertia $10^{-4}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Metric | Inch | Pitch | Outside | Flange | A | B | E | F | K | L | M | kg | kgm² |
| 14M-28S-20 | 28 | 3F | 2012 | 50 | 2 | 124.78 | 121.98 | 128 | - | - | - | 33 | - | - | - | 1.66 | 32.30 |
| 14M-30S-20 | 30 | 3F | 2012 | 50 | 2 | 133.69 | 130.89 | 138 | - | - | - | 33 | - | - | - | 2.20 | 49.15 |
| 14M-32S-20 | 32 | 3F | 2012 | 50 | 2 | 142.60 | 139.80 | 154 | - | - | - | 33 | - | - | - | 3.20 | 81.33 |
| 14M-34S-20 | 34 | 2F | 2517 | 60 | 2 1/2 | 151.52 | 148.72 | 160 | - | 117 | 12 | 33 | - | 45 | - | 3.00 | 86.09 |
| 14M-36S-20 | 36 | 2F | 2517 | 60 | 2 1/2 | 160.43 | 157.63 | 168 | - | 117 | 12 | 33 | - | 45 | - | 3.60 | 115.82 |
| 14M-38S-20 | 38 | 2F | 2517 | 60 | 2 1/2 | 169.34 | 166.54 | 183 | - | 117 | 12 | 33 | - | 45 | - | 4.00 | 143.38 |
| 14M-40S-20 | 40 | 2F | 2517 | 60 | 2 1/2 | 178.25 | 175.45 | 188 | - | 117 | 12 | 33 | - | 45 | - | 4.70 | 186.66 |
| 14M-44S-20 | 44 | 2F | 3020 | 75 | 3 | 196.08 | 193.28 | 211 | - | 144 | 18 | 33 | - | 51 | - | 5.60 | 269.13 |
| 14M-48S-20 | 48 | 2F | 3020 | 75 | 3 | 213.90 | 211.11 | 226 | - | 144 | 18 | 33 | - | 51 | - | 6.80 | 388.90 |
| 14M-50S-20 | 50 | 2F | 3020 | 75 | 3 | 222.82 | 220.02 | 240 | - | 144 | 18 | 33 | 9 | 51 | - | 7.70 | 477.87 |
| 14M-56S-20 | 56 | 9F | 3020 | 75 | 3 | 249.55 | 246.76 | 256 | 207 | 144 | - | 33 | 9 | 51 | 9 | 7.70 | 599.39 |
| 14M-60S-20 | 60 | 9 | 3020 | 75 | 3 | 267.38 | 264.58 | - | 224 | 159 | - | 33 | 9 | 51 | 9 | 8.50 | 759.60 |
| 14M-64S-20 | 64 | 9 | 3020 | 75 | 3 | 285.21 | 282.41 | - | 242 | 159 | - | 33 | 9 | 51 | 9 | 10.20 | 1037.15 |
| 14M-72S-20 | 72 | 9 | 3020 | 75 | 3 | 320.86 | 318.06 | - | 278 | 159 | - | 33 | 9 | 51 | 9 | 11.50 | 1479.92 |
| 14M-80S-20 | 80 | 9 | 3020 | 75 | 3 | 356.51 | 353.71 | - | 314 | 159 | - | 33 | 9 | 51 | 9 | 13.50 | 2144.80 |
| 14M-90S-20 | 90 | 10 | 3020 | 75 | 3 | 401.07 | 398.27 | - | 360 | 159 | - | 33 | 9 | 51 | 9 | 14.20 | 2855.21 |
| 14M-112S-20 | 112 | 10 | 3020 | 75 | 3 | 499.11 | 496.31 | - | 456 | 159 | - | 33 | 9 | 51 | 9 | 18.10 | 5636.13 |
| 14M-140S-20 | 140 | 10 | 3020 | 75 | 3 | 623.89 | 621.09 | - | 581 | 159 | - | 33 | 9 | 51 | 9 | 22.90 | 11149.96 |
| 14M-28S-37 | 28 | 5F | 2012 | 50 | 2 | 124.78 | 121.98 | 128 | 88 | - | - | 51 | - | 32 | 19 | 2.20 | 42.81 |
| 14M-30S-37 | 30 | 6F | 2517 | 60 | 2 1/2 | 133.69 | 130.89 | 138 | 98 | - | - | 51 | 3 | 45 | 3 | 2.50 | 55.85 |
| 14M-32S-37 | 32 | 6F | 2517 | 60 | 2 1/2 | 142.60 | 139.80 | 154 | 100 | - | - | 51 | 3 | 45 | 3 | 3.00 | 76.25 |
| 14M-34S-37 | 34 | 6F | 2517 | 60 | 2 1/2 | 151.52 | 148.72 | 160 | 109 | - | - | 51 | 3 | 45 | 3 | 3.80 | 109.05 |
| 14M-36S-37 | 36 | 5F | 2517 | 60 | 2 1/2 | 160.43 | 157.63 | 168 | 117 | - | - | 51 | - | 45 | 6 | 4.30 | 138.34 |
| 14M-38S-37 | 38 | 5F | 2517 | 60 | 2 1/2 | 169.34 | 166.54 | 183 | 126 | - | - | 51 | - | 45 | 6 | 5.10 | 182.81 |
| 14M-40S-37 | 40 | 5F | 2517 | 60 | 2 1/2 | 178.25 | 175.45 | 188 | 135 | - | - | 51 | - | 45 | 6 | 6.00 | 238.30 |
| 14M-44S-37 | 44 | 3F | 3020 | 75 | 3 | 196.08 | 193.28 | 211 | - | - | - | 51 | - | - | 6 | 7.00 | 336.41 |
| 14M-48S-37 | 48 | 3F | 3020 | 75 | 3 | 213.90 | 211.11 | 226 | - | - | - | 51 | - | - | - | 9.00 | 514.72 |
| 14M-50S-37 | 50 | 3F | 3020 | 75 | 3 | 222.82 | 220.02 | 240 | - | - | - | 51 | - | - | - | 10.00 | 620.61 |
| 14M-56S-37 | 56 | 7F | 3020 | 75 | 3 | 249.55 | 246.76 | 256 | 207 | 144 | - | 51 | 0 | 51 | 0 | 9.20 | 715.88 |
| 14M-60S-37 | 60 | 7 | 3020 | 75 | 3 | 267.38 | 264.58 | 224 | 224 | 159 | - | 51 | 0 | 51 | 0 | 10.20 | 911.52 |
| 14M-64S-37 | 64 | 7 | 3020 | 75 | 3 | 285.21 | 282.41 | 242 | 242 | 159 | - | 51 | 0 | 51 | 0 | 12.20 | 1240.51 |
| 14M-72S-37 | 72 | 7 | 3020 | 75 | 3 | 320.86 | 318.06 | - | 278 | 159 | - | 51 | 0 | 51 | 0 | 13.40 | 1724.43 |
| 14M-80S-37 | 80 | 7 | 3020 | 75 | 3 | 356.51 | 353.71 | - | 314 | 159 | - | 51 | 0 | 51 | 0 | 16.10 | 2557.88 |
| 14M-90S-37 | 90 | 8 | 3020 | 75 | 3 | 401.07 | 398.27 | - | 360 | 159 | - | 51 | 0 | 51 | 0 | 17.20 | 3458.43 |
| 14M-112S-37 | 112 | 8 | 3020 | 75 | 3 | 499.11 | 496.31 | - | 456 | 159 | - | 51 | 0 | 51 | 0 | 23.00 | 7161.94 |
| 14M-140S-37 | 140 | 10 | 3525 | 100 | 4 | 623.89 | 621.09 | - | 581 | 206 | - | 51 | 7 | 65 | 7 | 41.00 | 19948.49 |
| 14M-168S-37 | 168 | 10 | 3525 | 100 | 4 | 748.66 | 745.87 | - | 706 | 206 | - | 51 | 7 | 65 | 7 | 51.50 | 36081.66 |
| 14M-192S-37 | 192 | 10 | 4030 | 115 | 4 1/2 | 855.61 | 852.82 | - | 812 | 215 | - | 51 | 12.5 | 76 | 12.5 | 60.00 | 54905.14 |

* Max. bore to be fitted with shallow keys. PB = Plain Bored Bush. For peripheral speeds greater than 40 m/sec consult Gates.

## PULLEY INFORMATION

**Notes:** Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Gates reserves the right to supply pulleys of either material against orders for standard pulleys.
**Specification:** cast iron 220 N/mm² / steel 220 M07.

### PULLEY SPECIFICATIONS

| Pulley designation | No. of teeth | Pulley type | Bush No. | Max. bore | | Diameters mm | | | A | B | E | F | K | L | M | Weight | Moment of inertia $10^{-4}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Metric | Inch | Pitch | Outside | Flange | | | | | | | | kg | kgm² |
| 14M-34S-68 | 34 | 1F | PB | 100 | 4 | 151.52 | 148.72 | 160 | - | 132 | 20 | 84 | - | 104 | - | 10.50 | 301.33 |
| 14M-36S-68 | 36 | 1F | PB | 100 | 4 1/4 | 160.43 | 157.63 | 168 | - | 131 | 20 | 84 | - | 104 | - | 11.70 | 376.42 |
| 14M-38S-68 | 38 | 1F | PB | 115* | 4 1/2 | 169.34 | 166.54 | 183 | - | 141 | 20 | 84 | - | 104 | - | 13.40 | 481.46 |
| 14M-40S-68 | 40 | 1F | PB | 125* | 5 | 178.25 | 175.45 | 188 | - | 156 | 20 | 84 | - | 104 | - | 15.40 | 611.63 |
| 14M-44S-68 | 44 | 6F | 3020 | 75 | 3 | 196.08 | 193.28 | 211 | 153 | - | - | 84 | 16.5 | 51 | 16.5 | 9.20 | 442.14 |
| 14M-48S-68 | 48 | 5F | 3020 | 75 | 3 | 213.90 | 211.11 | 226 | 171 | - | - | 84 | - | 51 | 33 | 11.30 | 646.26 |
| 14M-50S-68 | 50 | 6F | 3525 | 100 | 4 | 222.82 | 220.02 | 240 | 180 | - | - | 84 | 9.5 | 65 | 9.5 | 15.50 | 775.76 |
| 14M-56S-68 | 56 | 6F | 3525 | 100 | 4 | 249.55 | 246.76 | 256 | 207 | - | - | 84 | 9.5 | 65 | 9.5 | 16.80 | 1307.78 |
| 14M-60S-68 | 60 | 6 | 3525 | 100 | 4 | 267.38 | 264.58 | - | 224 | - | - | 84 | 9.5 | 65 | 9.5 | 20.40 | 1823.05 |
| 14M-64S-68 | 64 | 6 | 3525 | 100 | 4 | 285.21 | 282.41 | - | 242 | - | - | 84 | 9.5 | 65 | 9.5 | 23.60 | 2399.67 |
| 14M-72S-68 | 72 | 7 | 3525 | 100 | 4 | 320.86 | 318.06 | - | 278 | 178 | - | 84 | 9.5 | 65 | 9.5 | 20.30 | 2612.89 |
| 14M-80S-68 | 80 | 7 | 3525 | 100 | 4 | 356.51 | 353.71 | - | 314 | 178 | - | 84 | 9.5 | 65 | 9.5 | 21.30 | 3384.02 |
| 14M-90S-68 | 90 | 8 | 3525 | 100 | 4 | 401.07 | 398.27 | - | 360 | 178 | - | 84 | 9.5 | 65 | 9.5 | 24.40 | 4966.46 |
| 14M-112S-68 | 112 | 8 | 3525 | 100 | 4 | 499.11 | 496.31 | - | 456 | 178 | - | 84 | 9.5 | 65 | 9.5 | 32.70 | 10182.40 |
| 14M-140S-68 | 140 | 8 | 3525 | 100 | 4 | 623.89 | 621.09 | - | 581 | 206 | - | 84 | 9.5 | 65 | 9.5 | 55.00 | 26760.16 |
| 14M-168S-68 | 168 | 8 | 3525 | 100 | 4 | 748.66 | 745.87 | - | 706 | 206 | - | 84 | 9.5 | 65 | 9.5 | 71.00 | 49743.65 |
| 14M-192S-68 | 192 | 8 | 4030 | 115 | 4 1/2 | 855.61 | 852.82 | - | 812 | 215 | - | 84 | 4 | 76 | 4 | 80.50 | 73664.39 |
| 14M-36S-90 | 36 | 1F | PB | 110 | 4 1/4 | 160.43 | 157.63 | 168 | - | 131 | 30 | 106 | - | 136 | - | 14.50 | 466.50 |
| 14M-38S-90 | 38 | 1F | PB | 115 | 4 1/2 | 169.34 | 166.50 | 183 | - | 141 | 30 | 106 | - | 136 | - | 17.50 | 627.29 |
| 14M-40S-90 | 40 | 1F | PB | 125 | 5 1/2 | 178.25 | 175.45 | 188 | - | 156 | 30 | 106 | - | 136 | - | 19.10 | 758.59 |
| 14M-44S-90 | 44 | 1F | PB | 140 | 6 1/2 | 196.08 | 193.28 | 211 | - | 169 | 30 | 106 | - | 136 | - | 23.90 | 1150.95 |
| 14M-48S-90 | 48 | 6F | 3525 | 100 | 4 | 213.90 | 211.11 | 226 | 171 | - | - | 106 | 20 | 66 | 20 | 12.70 | 726.33 |
| 14M-50S-90 | 50 | 6F | 3525 | 100 | 4 | 222.82 | 220.02 | 240 | 180 | - | - | 106 | 20 | 66 | 20 | 14.50 | 899.88 |
| 14M-56S-90 | 56 | 6F | 3525 | 100 | 4 | 249.55 | 246.76 | 256 | 207 | - | - | 106 | 20 | 66 | 20 | 19.00 | 1479.04 |
| 14M-60S-90 | 60 | 6 | 3525 | 100 | 4 | 267.38 | 264.58 | - | 224 | - | - | 106 | 20 | 66 | 20 | 22.50 | 2010.71 |
| 14M-64S-90 | 64 | 6 | 3525 | 100 | 4 | 285.21 | 282.41 | - | 242 | - | - | 106 | 20 | 66 | 20 | 24.00 | 2433.77 |
| 14M-72S-90 | 72 | 7 | 3525 | 100 | 4 | 320.86 | 318.06 | - | 278 | 178 | - | 106 | 20 | 66 | 20 | 22.60 | 2908.37 |
| 14M-80S-90 | 80 | 7 | 4030 | 115 | 4 1/2 | 356.51 | 353.71 | - | 314 | 215 | - | 106 | 15 | 76 | 15 | 27.00 | 4289.60 |
| 14M-90S-90 | 90 | 7 | 4030 | 115 | 4 1/2 | 401.07 | 398.27 | - | 360 | 215 | - | 106 | 15 | 76 | 15 | 34.10 | 6856.54 |
| 14M-112S-90 | 112 | 8 | 4535 | 125 | 5 | 499.11 | 496.31 | - | 456 | 215 | - | 106 | 8 | 90 | 8 | 46.00 | 14323.87 |
| 14M-140S-90 | 140 | 8 | 4535 | 125 | 5 | 623.89 | 621.09 | - | 581 | 215 | - | 106 | 8 | 90 | 8 | 61.00 | 29679.45 |
| 14M-168S-90 | 168 | 8 | 5040 | 130* | 5 | 748.66 | 745.87 | - | 706 | 267 | - | 106 | 2 | 102 | 2 | 90.00 | 63055.33 |
| 14M-192S-90 | 192 | 8 | 5040 | 130* | 5 | 855.61 | 852.82 | - | 812 | 267 | - | 106 | 2 | 102 | 2 | 108.50 | 93796.27 |

* Max. bore to be fitted with shallow keys. PB = Plain Bored Bush. For peripheral speeds greater than 40 m/sec consult Gates.

## PULLEY INFORMATION

**Notes:** Pulleys of cast iron or steel material are supplied. Pulleys of either material provide required durability and service life. Gates reserves the right to supply pulleys of either material against orders for standard pulleys.
**Specification:** cast iron 220 N/mm² / steel 220 M07.

### PULLEY SPECIFICATIONS

| Pulley designation | No. of teeth | Pulley type | Bush No. | Max. bore | | Diameters mm | | | | | | | | | Weight | Moment of inertia $10^{-4}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Metric | Inch | Pitch | Outside | Flange | A | B | E | F | K | L | M | kg | kgm² |
| 14M-38S-125 | 38 | 1F | PB | 115* | 4 1/2 | 169.34 | 166.54 | 183 | - | 141 | 20 | 141 | - | 161 | - | 20.30 | 727.65 |
| 14M-40S-125 | 40 | 1F | PB | 125* | 5 | 178.25 | 175.45 | 188 | - | 156 | 20 | 141 | - | 161 | - | 23.00 | 913.48 |
| 14M-44S-125 | 44 | 1F | PB | 140* | 5 1/2 | 196.08 | 193.28 | 211 | - | 169 | 20 | 141 | - | 161 | - | 28.80 | 1384.10 |
| 14M-48S-125 | 48 | 1F | PB | 160* | 6 1/4 | 213.90 | 211.11 | 226 | - | 185 | 20 | 141 | - | 161 | - | 34.60 | 1978.83 |
| 14M-50S-125 | 50 | 6F | 3525 | 100 | 4 | 222.82 | 220.02 | 240 | 180 | - | - | 141 | 38 | 65 | 38 | 16.80 | 1042.62 |
| 14M-56S-125 | 56 | 6F | 3525 | 100 | 4 | 249.55 | 246.76 | 256 | 207 | - | - | 141 | 38 | 65 | 38 | 21.60 | 1681.43 |
| 14M-60S-125 | 60 | 6 | 4030 | 115 | 4 1/2 | 267.38 | 264.58 | - | 224 | - | - | 141 | 32.5 | 76 | 32.5 | 25.60 | 2287.85 |
| 14M-64S-125 | 64 | 6 | 4030 | 115 | 4 1/2 | 285.21 | 282.41 | - | 242 | - | - | 141 | 32.5 | 76 | 32.5 | 29.70 | 3024.16 |
| 14M-72S-125 | 72 | 7 | 4030 | 115 | 4 1/2 | 320.86 | 318.06 | - | 278 | 215 | - | 141 | 32.5 | 76 | 32.5 | 30.00 | 3860.66 |
| 14M-80S-125 | 80 | 7 | 4030 | 115 | 4 1/2 | 356.51 | 353.71 | - | 314 | 215 | - | 141 | 32.5 | 76 | 32.5 | 33.40 | 5306.40 |
| 14M-90S-125 | 90 | 7 | 4030 | 115 | 4 1/2 | 401.07 | 398.27 | - | 360 | 215 | - | 141 | 32.5 | 76 | 32.5 | 39.40 | 7947.12 |
| 14M-112S-125 | 112 | 8 | 4535 | 125 | 5 | 499.11 | 496.31 | - | 456 | 215 | - | 141 | 32.5 | 76 | 32.5 | 56.00 | 17437.76 |
| 14M-140S-125 | 140 | 8 | 4535 | 125 | 5 | 623.89 | 621.09 | - | 581 | 215 | - | 141 | 26 | 89 | 26 | 73.00 | 35518.03 |
| 14M-168S-125 | 168 | 8 | 5040 | 125 | 5 | 748.66 | 745.87 | - | 706 | 267 | - | 141 | 19.5 | 102 | 19.5 | 101.00 | 70762.02 |
| 14M-192S-125 | 192 | 8 | 5040 | 125 | 5 | 855.61 | 852.82 | - | 812 | 267 | - | 141 | 19.5 | 102 | 19.5 | 121.50 | 111182.90 |

### MINIMUM STOCK BORES FOR PLAIN BORED (PB) PULLEYS

| Pulley | Minimum bore |
|---|---|
| | mm |
| 8M-22S-12 | 12.00 |
| 8M-22S-21 | 12.00 |
| 8M-25S-36 | 16.00 |
| 8M-30S-62 | 20.00 |
| 8M-32S-62 | 20.00 |
| 8M-34S-62 | 20.00 |
| 8M-36S-62 | 20.00 |
| 8M-38S-62 | 20.00 |

| Pulley | Minimum bore |
|---|---|
| | mm |
| 14M-34S-68 | 40.00 |
| 14M-36S-68 | 40.00 |
| 14M-38S-68 | 40.00 |
| 14M-40S-68 | 40.00 |
| 14M-36S-90 | 50.00 |
| 14M-38S-90 | 50.00 |
| 14M-40S-90 | 50.00 |
| 14M-44S-90 | 50.00 |
| 14M-38S-125 | 50.00 |
| 14M-40S-125 | 50.00 |
| 14M-44S-125 | 50.00 |
| 14M-48S-125 | 50.00 |

* Max. bore to be fitted with shallow keys. PB = Plain Bored Bush. For peripheral speeds greater than 40 m/sec consult Gates.

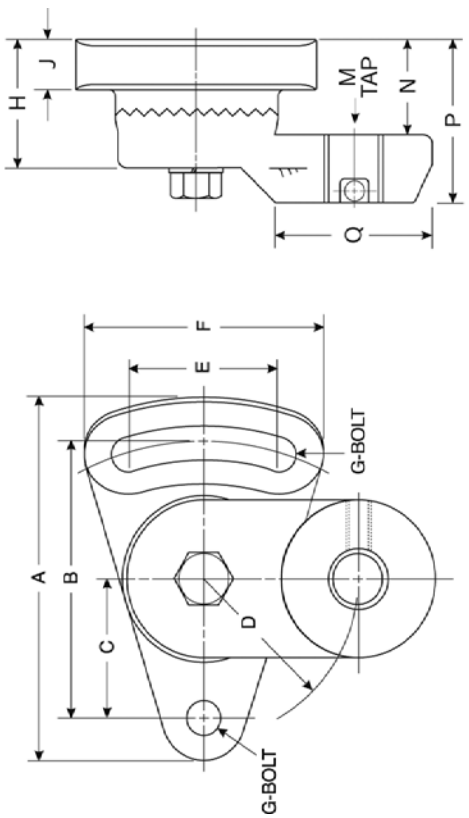
| Description | Number of Grooves | Pitch Diameter | Material | Bore or Bushing | Bore Range | | Weight | |
|---|---|---|---|---|---|---|---|---|
| | | mm | | | inch | mm | Lbs. | kg |
| PCGT 5M 18S 15 PB | 18 | 28.66 | ST | PB | 1/4 -3/8 | 6.35 - 9.525 | 0.24 | 0.11 |
| PCGT 5M 19S 15 PB | 19 | 30.26 | ST | PB | 1/4 - 7/16 | 6.35 - 11.11 | 0.28 | 0.13 |
| PCGT 5M 20S 15 PB | 20 | 31.83 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.32 | 0.15 |
| PCGT 5M 21S 15 PB | 21 | 33.43 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.36 | 0.17 |
| PCGT 5M 22S 15 PB | 22 | 35.03 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.40 | 0.19 |
| PCGT 5M 23S 15 PB | 23 | 36.61 | ST | PB | 3/8 - 5/8 | 9.525 - 15.875 | 0.44 | 0.20 |
| PCGT 5M 24S 15 PB | 24 | 38.21 | ST | PB | 3/8 - 5/8 | 9.525 - 15.875 | 0.47 | 0.22 |
| PCGT 5M 25S 15 PB | 25 | 39.81 | ST | PB | 3/8 - 5/8 | 9.525 - 15.875 | 0.55 | 0.25 |
| PCGT 5M 26S 15 PB | 26 | 41.38 | ST | PB | 3/8 - 11/16 | 9.525 - 17.46 | 0.57 | 0.26 |
| PCGT 5M 28S 15 PB | 28 | 44.58 | ST | PB | 1/2 - 3/4 | 12.7 - 19.05 | 0.67 | 0.31 |
| PCGT 5M 30S 15 PB | 30 | 47.76 | ST | PB | 1/2 - 15/16 | 12.7 - 23.81 | 0.77 | 0.35 |
| PCGT 5M 32S 15 PB | 32 | 50.93 | ST | PB | 1/2 - 15/16 | 12.7 - 23.81 | 0.88 | 0.40 |
| PCGT 5M 34S 15 PB | 34 | 54.11 | ST | PB | 1 1/2 - 1 | 12.7 - 25.4 | 0.95 | 0.44 |
| PCGT 5M 36S 15 PB | 36 | 57.31 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.50 | 0.23 |
| PCGT 5M 36S 15 PB | 36 | 57.31 | ST | PB | 1/2 - 1 | 12.7 - 28.575 | 1.12 | 0.51 |
| PCGT 5M 38S 15 | 38 | 60.48 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.61 | 0.28 |
| PCGT 5M 38S 15 PB | 38 | 60.48 | ST | PB | 1/2 - 1 1/4 | 12.7 - 31.75 | 1.35 | 0.62 |
| PCGT 5M 40S 15 | 40 | 63.66 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.72 | 0.33 |
| PCGT 5M 40S 15 PB | 40 | 63.66 | ST | PB | 1/2 - 1 5/16 | 12.7 - 1.3125 | 1.54 | 0.70 |
| PCGT 5M 44S 15 | 44 | 70.03 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.95 | 0.44 |
| PCGT 5M 45S 15 PB | 45 | 71.63 | ST | PB | 1/2 - 1 1/2 | 12.7 - 38.1 | 2.00 | 0.91 |
| PCGT 5M 48S 15 | 48 | 76.38 | ST | 1210 | 1/2 - 1 1/4 | 12.7 - 31.75 | 0.97 | 0.44 |
| PCGT 5M 50S 15 PB | 50 | 79.08 | ST | PB | 1/2 - 1 3/4 | 12.7 - 44.45 | 2.30 | 1.05 |
| PCGT 5M 52S 15 | 52 | 82.76 | DI | 1210 | 1/2 - 1 1/4 | 12.7 - 31.75 | 1.17 | 0.54 |
| PCGT 5M 56S 15 | 56 | 89.13 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 1.37 | 0.63 |
| PCGT 5M 60S 15 | 60 | 95.51 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 1.68 | 0.77 |
| PCGT 5M 64S 15 | 64 | 101.86 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 2.17 | 0.99 |
| PCGT 5M 68S 15 | 68 | 108.23 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 2.10 | 0.96 |
| PCGT 5M 72S 15 | 72 | 114.58 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 2.72 | 1.24 |
| PCGT 5M 80S 15 | 80 | 127.34 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 3.15 | 1.43 |
| PCGT 5M 90S 15 | 90 | 143.24 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 4.17 | 1.90 |
| PCGT 5M 112S 15 | 112 | 178.26 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 5.16 | 2.35 |
| PCGT 5M 18S 25 PB | 18 | 28.66 | ST | PB | 1/4 -3/8 | 6.35 - 9.525 | 0.39 | 0.18 |
| PCGT 5M 19S 25 PB | 19 | 30.26 | ST | PB | 1/4 - 7/16 | 6.35 - 11.11 | 0.43 | 0.20 |
| PCGT 5M 20S 25 PB | 20 | 31.83 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.47 | 0.22 |
| PCGT 5M 21S 25 PB | 21 | 33.43 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.51 | 0.24 |
| PCGT 5M 22S 25 PB | 22 | 35.03 | ST | PB | 1/4 - 1/2 | 6.35 - 12.7 | 0.55 | 0.25 |
| PCGT 5M 23S 25 PB | 23 | 36.61 | ST | PB | 3/8 - 5/8 | 9.525 - 15.875 | 0.59 | 0.27 |
| PCGT 5M 24S 25 PB | 24 | 38.21 | ST | PB | 3/8 - 5/8 | 9.525 - 15.875 | 0.64 | 0.30 |
| PCGT 5M 25S 25 PB | 25 | 39.78 | ST | PB | 3/8 - 5/5 | 9.525 - 15.875 | 0.70 | 0.32 |
| PCGT 5M 26S 25 PB | 26 | 41.38 | ST | PB | 3/8 - 11/16 | 9.525 - 17.46 | 0.76 | 0.35 |
| PCGT 5M 28S 25 PB | 28 | 44.56 | ST | PB | 1/2 - 15/16 | 12.7 - 23.81 | 0.88 | 0.40 |
| PCGT 5M 30S 25 PB | 30 | 47.76 | ST | PB | 1/2 - 15/16 | 12.7 - 23.81 | 1.00 | 0.46 |
| PCGT 5M 32S 25 PB | 32 | 50.93 | ST | PB | 1/2 - 15/16 | 12.7 - 23.81 | 1.16 | 0.53 |
| PCGT 5M 34S 25 PB | 34 | 54.11 | ST | PB | 1 1/2 - 1 | 12.7 - 25.4 | 1.32 | 0.60 |
| PCGT 5M 36S 25 | 36 | 57.31 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.72 | 0.33 |
| PCGT 5M 36S 25 PB | 36 | 57.31 | ST | PB | 1 1/2 - 1 | 12.7 - 25.4 | 1.49 | 0.68 |
| PCGT 5M 38S 25 | 38 | 60.48 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 0.80 | 0.37 |
| PCGT 5M 38S 25 PB | 38 | 60.48 | ST | PB | 1/2 - 1 1/4 | 12.7 - 31.75 | 0.79 | 0.36 |
| PCGT 5M 40S 25 | 40 | 63.66 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 1.08 | 0.49 |
| PCGT 5M 40S 25 PB | 40 | 63.66 | ST | PB | 1/2 - 1 5/16 | 12.7 - 1.3125 | 2.10 | 0.96 |

| Description | Number of Grooves | Pitch Diameter | Material | Bore or Bushing | Bore Range | | Weight | |
|---|---|---|---|---|---|---|---|---|
| | | mm | | | inch | mm | Lbs. | kg |
| PCGT 5M 44S 25 | 44 | 70.03 | ST | 1108 | 1/2 - 1 1/8 | 12.7 - 28.575 | 1.20 | 0.55 |
| PCGT 5M 45S 25 PB | 45 | 71.63 | ST | PB | 1/2 - 1 1/2 | 12.7 - 38.1 | 2.65 | 1.21 |
| PCGT 5M 48S 25 | 48 | 76.41 | ST | 1210 | 1/2 - 1 1/4 | 12.7 - 31.75 | 1.40 | 0.64 |
| PCGT 5M 50S 25 PB | 50 | 79.58 | ST | PB | 1/2 - 1 3/4 | 12.7 - 44.45 | 3.00 | 1.37 |
| PCGT 5M 52S 25 | 52 | 82.76 | DI | 1210 | 1/2 - 1 1/4 | 12.7 - 31.75 | 1.43 | 0.65 |
| PCGT 5M 56S 25 | 56 | 89.13 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 1.64 | 0.75 |
| PCGT 5M 60S 25 | 60 | 95.51 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 1.83 | 0.84 |
| PCGT 5M 64S 25 | 64 | 101.86 | DI | 1610 | 1/2 - 1 11/16 | 12.7 - 42.8625 | 2.16 | 0.98 |
| PCGT 5M 68S 25 | 68 | 108.23 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 2.46 | 1.12 |
| PCGT 5M 72S 25 | 72 | 114.58 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 2.84 | 1.29 |
| PCGT 5M 80S 25 | 80 | 127.34 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 3.61 | 1.64 |
| PCGT 5M 90S 25 | 90 | 143.24 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 4.69 | 2.13 |
| PCGT 5M 112S 25 | 112 | 178.26 | DI | 2012 | 1/2 - 2 1/8 | 12.7 - 53.975 | 6.02 | 2.74 |

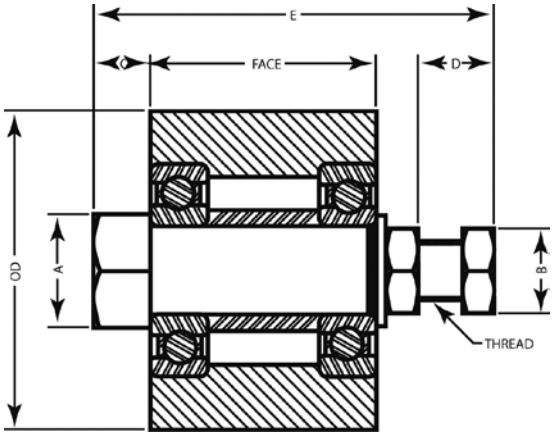
Note: PB = Plain Bore (Pilot bore).
Sprocket materials: ST = Steel; DI = Ductile Iron.

| Description | Number of Grooves | Pitch Diameter | Material | Bore or Bushing | Bore Range | | Weight | |
|---|---|---|---|---|---|---|---|---|
| | | mm | | | inch | mm | Lbs. | kg |
| PCGT 8M 28S 12 SS | 28 | 71.310 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 0.90 | 0.41 |
| PCGT 8M 28S 12 SS | 28 | 71.310 | SS | PB | 12.70 - 44.45 | 1/2 - 1 3/4 | 1.40 | 0.64 |
| PCGT 8M 29S 12 SS | 29 | 73.850 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 0.90 | 0.41 |
| PCGT 8M 29S 12 SS | 29 | 73.850 | SS | PB | 12.70 - 44.45 | 1/2 - 1 3/4 | 1.50 | 0.69 |
| PCGT 8M 30S 12 SS | 30 | 76.400 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 1.00 | 0.46 |
| PCGT 8M 30S 12 SS | 30 | 76.400 | SS | PB | 12.70 - 46.0375 | 1/2 - 1 13/16 | 1.60 | 0.73 |
| PCGT 8M 32S 12 SS | 32 | 81.490 | SS | 1210 | 12.70 - 31.75 | 1/2 - 1 1/4 | 1.20 | 0.55 |
| PCGT 8M 32S 12 SS | 32 | 81.490 | SS | PB | 12.70 - 50.8 | 1/2 - 2 | 1.70 | 0.78 |
| PCGT 8M 34S 12 SS | 34 | 86.590 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 1.30 | 0.59 |
| PCGT 8M 34S 12 SS | 34 | 86.590 | SS | PB | 12.70 - 53.975 | 1/2 - 2 1/8 | 1.80 | 0.82 |
| PCGT 8M 36S 12 SS | 36 | 91.680 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 1.40 | 0.64 |
| PCGT 8M 38S 12 SS | 38 | 96.770 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 1.60 | 0.73 |
| PCGT 8M 40S 12 SS | 40 | 101.860 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 1.90 | 0.87 |
| PCGT 8M 42S 12 SS | 42 | 106.960 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 2.30 | 1.05 |
| PCGT 8M 45S 12 SS | 45 | 114.600 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 2.50 | 1.14 |
| PCGT 8M 48S 12 SS | 48 | 122.240 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 2.70 | 1.23 |
| PCGT 8M 50S 12 SS | 50 | 127.330 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 3.90 | 1.77 |
| PCGT 8M 53S 12 SS | 53 | 134.970 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 3.70 | 1.68 |
| PCGT 8M 56S 12 SS | 56 | 142.610 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 4.20 | 1.91 |
| PCGT 8M 60S 12 SS | 60 | 152.790 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 4.90 | 2.23 |
| PCGT 8M 28S 21 SS | 28 | 71.310 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 2.10 | 0.96 |
| PCGT 8M 28S 21 SS | 28 | 71.310 | SS | PB | 12.70 - 44.45 | 1/2 - 1 3/4 | 1.80 | 0.82 |
| PCGT 8M 29S 21 SS | 29 | 73.850 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 2.30 | 1.05 |
| PCGT 8M 29S 21 SS | 29 | 73.850 | SS | PB | 12.70 - 44.45 | 1/2 - 1 3/4 | 2.00 | 0.91 |
| PCGT 8M 30S 21 SS | 30 | 76.400 | SS | 1108 | 12.70 - 28.575 | 1/2 - 1 1/8 | 2.50 | 1.14 |
| PCGT 8M 30S 21 SS | 30 | 76.400 | SS | PB | 12.70 - 46.0375 | 1/2 - 1 13/16 | 2.20 | 1.00 |
| PCGT 8M 32S 21 SS | 32 | 81.490 | SS | 1210 | 12.70 - 31.75 | 1/2 - 1 1/4 | 3.00 | 1.37 |
| PCGT 8M 32S 21 SS | 32 | 81.490 | SS | PB | 12.70 - 50.8 | 1/2 - 2 | 2.50 | 1.14 |
| PCGT 8M 34S 21 SS | 34 | 86.590 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 1.90 | 0.87 |
| PCGT 8M 34S 21 SS | 34 | 86.590 | SS | PB | 12.70 - 50.8 | 1/2 - 2 | 2.70 | 1.23 |
| PCGT 8M 36S 21 SS | 36 | 91.680 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 2.10 | 0.96 |
| PCGT 8M 38S 21 SS | 38 | 96.770 | SS | 1610 | 12.70 - 42.8625 | 1/2 - 1 11/16 | 2.30 | 1.05 |
| PCGT 8M 40S 21 SS | 40 | 101.860 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 2.30 | 1.05 |
| PCGT 8M 42S 21 SS | 42 | 106.960 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 2.50 | 1.14 |
| PCGT 8M 45S 21 SS | 45 | 114.600 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 3.00 | 1.37 |
| PCGT 8M 48S 21 SS | 48 | 122.240 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 3.40 | 1.55 |
| PCGT 8M 50S 21 SS | 50 | 127.330 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 3.90 | 1.77 |
| PCGT 8M 53S 21 SS | 53 | 134.970 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 4.40 | 2.00 |
| PCGT 8M 56S 21 SS | 56 | 142.610 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 4.80 | 2.18 |
| PCGT 8M 60S 21 SS | 60 | 152.790 | SS | 2012 | 12.70 - 53.975 | 1/2 - 2 1/8 | 7.70 | 3.50 |

| Description | Product number | Use with | Use with | Belt width | No. of teeth | O.D. | B ref. | C | D | E Ref. | G Ref. | H | J | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | mm | | mm | mm | mm | mm | mm | in | mm | mm | mm | lb | kg |
| PCGT IDLER 8M 32S 12 | 7720-01500 | 8mm pitch Poly Chain GT2/GT Carbon Volt | 7720-01010 | 12 | 32 | 79.88 | 31.75 | 12.70 | 21.59 | 39.62 | 3/4-16 | 23.88 | 69.85 | - | 1.00 | 0.45 |
| PCGT IDLER 8M 32S 21 | 7720-01510 | | 7720-01010 | 21 | 32 | 79.88 | 31.75 | 12.70 | 31.50 | 39.62 | 3/4-16 | 14.22 | 69.85 | - | 1.10 | 0.50 |
| PCGT IDLER 8M 36S 36 | 7720-01520 | | 7720-01010 | 36 | 36 | 90.07 | 48.51 | 19.05 | 47.24 | 41.40 | 3/4-16 | - | - | - | 2.00 | 0.91 |
| PCGT IDLER 8M 36S 62 | 7720-01530 | | 7720-01010 | 62 | 36 | 90.07 | 48.51 | 19.05 | 73.91 | 42.93 | 3/4-16 | 17.53 | 79.50 | - | 2.10 | 0.95 |
| PCGT IDLER 14M 30S 20 | 7720-01600 | 14mm pitch Poly Chain GT2/GT Carbon Volt | 7720-01020 | 20 | 30 | 130.89 | 64.77 | 25.40 | 34.54 | 57.15 | 1-14 | 25.40 | 111.25 | - | 9.00 | 4.08 |
| PCGT IDLER 14M 30S 37 | 7720-01610 | | 7720-01020 | 37 | 30 | 130.89 | 64.77 | 25.40 | 52.32 | 57.15 | 1-14 | 6.35 | 111.25 | - | 12.00 | 5.44 |
| PCGT IDLER 14M 34S 68 | 7720-01620 | | 7720-01020 | 68 | 34 | 148.72 | 85.85 | 14.22 | 84.58 | 57.15 | 1-14 | 25.40 | 123.95 | 110.24 | 15.60 | 7.08 |
| PCGT IDLER 14M 34S 90 | 7720-01640 | | 7720-01020 | 90 | 34 | 148.72 | 85.85 | 7.87 | 106.68 | 57.15 | 1-14 | 25.40 | 123.95 | 110.24 | 16.70 | 7.57 |
| PCGT IDLER 14M 34S 125 | 7720-01630 | | 7720-01020 | 125 | 34 | 148.72 | 85.85 | 4.83 | 143.00 | 57.15 | 1-14 | 27.69 | 123.95 | 110.24 | 23.10 | 10.48 |




| Description | Product number | Use with | A | B | C | D | E | F | G | H | J | N | P | Q | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | Threads | mm | mm | mm | lb | kg |
| PCGT IDLER BRACKET 10 | 7720-01010 | 8mm Pitch Idler Sprockets | 117.60 | 88.90 | 44.45 | 50.80 | 52.32 | 77.72 | 9.65 | 38.10 | 16.00 | 3/4-16 | 25.40 | 47.75 | 44.45 | 3.40 | 1.54 |
| PCGT IDLER BRACKET 20 | 7720-01020 | 14mm Pitch Idler Sprockets | 176.28 | 133.35 | 66.80 | 127.00 | 76.20 | 115.82 | 16.00 | 60.45 | 25.40 | 1-14 | 41.40 | 74.68 | 69.85 | 11.20 | 5.08 |




| Description | Product number | Use with Idler bracker | Pitch | Use With Synchronous Belt | Use with V-belt | Outside Dia. | Face Width | A | B | C | D | E | Thread Size | Bearing No. | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Belt Width | | mm | mm | mm | mm | mm | mm | mm | | | lb | kg |
| IDLER FLAT 4.25X1.25 | 7723-04125 | 7720-01010 | 8mm, L, H | Up to 21 mm | XPZ/3VX, XPA*; SPZ/3V/9J; Z: 1-2 Strand A/AX: 1 Strand; Micro-V PJ: 8 ribs | 107.95 | 31.75 | 28.71 | 28.71 | 16.26 | 33.02 | 95.25 | 3/4-16 | 6304 | 5.20 | 2.36 |
| IDLER FLAT 4.25X2.00 | 7723-04200 | 7720-01010 | 8mm, L, H | Up to 38 mm | XPZ/3VX, XPA*; SPZ/3V/9J; Z: 3-4 Strand A/AX: 2 Strand; Micro-V PJ: 14 ribs | 107.95 | 50.80 | 38.10 | 28.71 | 16.01 | 33.53 | 114.30 | 3/4-16 | 6306 | 7.50 | 3.41 |
| IDLER FLAT 4.25X3.00 | 7723-04300 | 7720-01010 | 8mm, L, H | Up to 62 mm | XPZ/3VX, XPA*; SPZ/3V/9J; Z: 5-6 Strand A/AX: 3 Strand; Micro-V PJ: 24 ribs | 107.95 | 76.20 | 38.10 | 28.71 | 19.05 | 33.53 | 143.01 | 3/4-16 | 6306 | 10.60 | 4.81 |
| IDLER FLAT 4.25X4.00 | 7723-04400 | 7720-01010 | 8mm, L, H | Up to 85 mm | XPZ/3VX, XPA*; SPZ/3V/9J; Z: 8 Strand A/AX: 4 Strand; Micro-V PJ: 34 ribs | 107.95 | 101.60 | 38.10 | 28.71 | 19.05 | 33.53 | 168.41 | 3/4-16 | 6306 | 13.60 | 6.17 |
| IDLER FLAT 6.50X1.75 | 7723-06175 | 7720-01020 | 14mm | Up to 20 mm | XPA, XPB/5VX*; SPA; A, B; BX: 1 Strand Micro-V PL: 4 ribs | 165.10 | 44.45 | 50.80 | 38.10 | 26.42 | 49.79 | 144.53 | 1-14 | 6308 | 17.10 | 7.76 |
| IDLER FLAT 6.50X2.75 | 7723-06275 | 7720-01020 | 14mm | Up to 55 mm | XPA, XPB/5VX*; SPA; A, B; BX: 2-3 Strand Micro-V PL: 10 ribs | 165.10 | 69.85 | 50.80 | 38.10 | 3.31 | 53.34 | 144.53 | 1-14 | 6308 | 23.00 | 10.44 |
| IDLER FLAT 6.50X4.25 | 7723-06425 | 7720-01020 | 14mm | Up to 90 mm | SPA; XPA; XPB/5VX*; A, B; BX: 4-5 Strand Micro-V PL: 18 ribs | 165.10 | 107.95 | 60.46 | 38.10 | 3.31 | 50.30 | 179.33 | 1-14 | 6308 | 33.00 | 14.97 |
| IDLER FLAT 6.50X5.75 | 7723-06575 | 7720-01020 | 14mm | Up to 125 mm | XPA, XPB/5VX*; SPA; A, B; BX: 6 Strand Micro-V PL: 24 ribs | 165.10 | 146.05 | 60.46 | 38.10 | 25.15 | 50.30 | 236.48 | 1-14 | 6308 | 45.00 | 20.42 |
| IDLER FLAT 6.50X7.50 | 7723-06750 | 7720-01020 | 14mm | Up to 170mm | XPA, XPB/5VX*; SPA; A, B; BX: 8 Strand Micro-V PL: 34 ribs | 165.10 | 190.50 | 60.46 | 38.10 | 25.40 | 50.30 | 284.23 | 1-14 | 6308 | 57.01 | 25.86 |

* Valid for single belts.

# 8. SUPPORT SERVICES

# SUPPORT

**Every day, design engineers, maintenance people, equipment manufacturers and their customers around the world rely on Gates to keep them running smoothly, safely and reliably. Whether driven by people, equipment or technology, Gates provides a wide range of services to optimise belt drive performance and deliver the best value to customers in return for their investment in Gates' products.**

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Gates Power Transmission Industrial has product dedicated production sites in Germany, Poland, Scotland, France and Spain. Distribution is handled from one central warehouse in Ghent (Belgium).

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# NOTES

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