

# **BRECO** *flex* **CO., L.L.C.**

High Precision Drive Components



B212

## **POLYURETHANE TIMING BELTS**

# POLYURETHANE TIMING BELTS



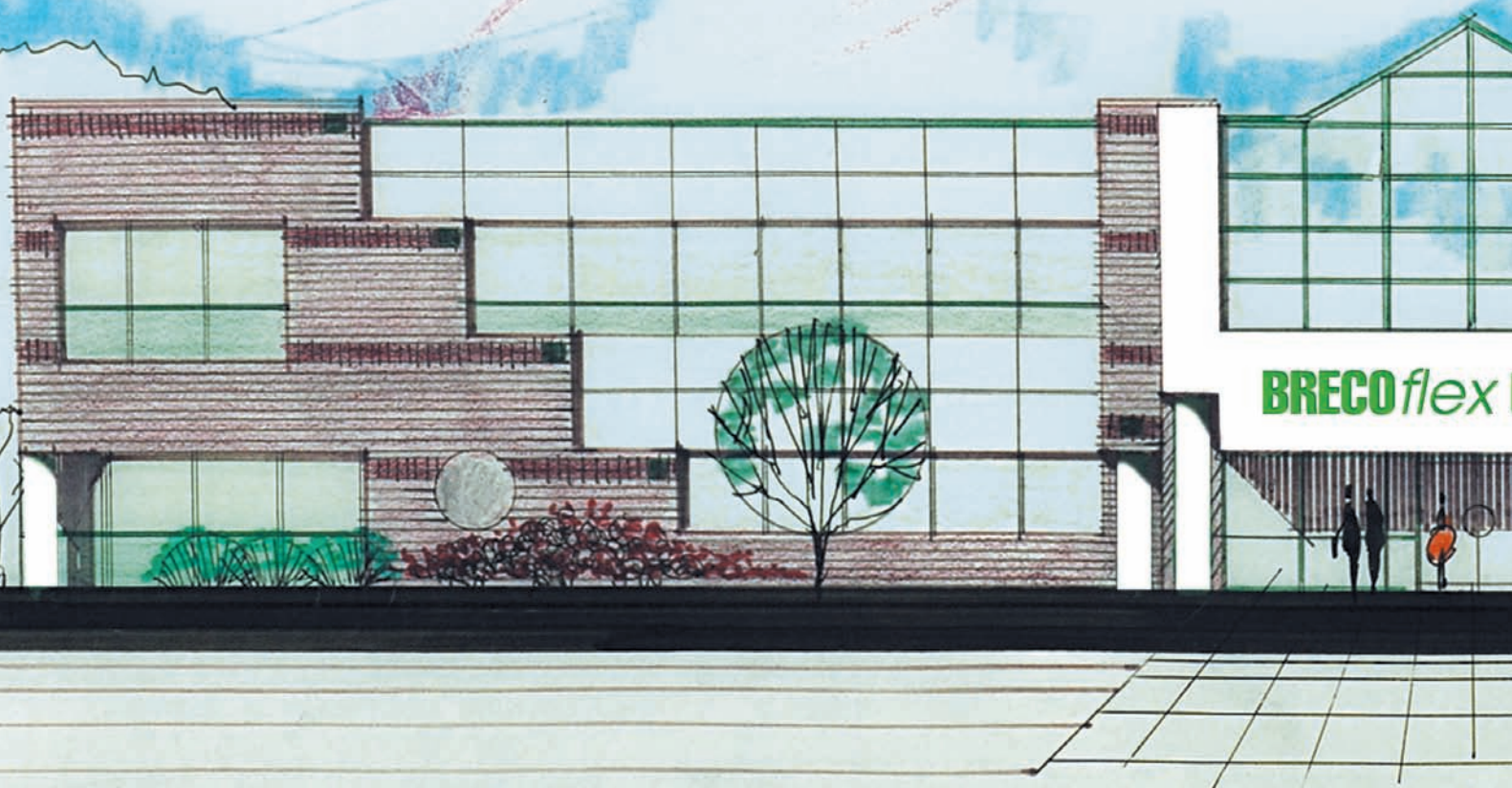
BRECOflex CO., L.L.C. was founded in 1989 with an unwavering commitment to excellence in the products we bring to the market, the customers we serve and the people we employ, who are dedicated to meet our customers' highest expectations. Our products offer superior quality and innovative design features to meet your most challenging requirements of today and in the future.

BRECOflex CO., L.L.C. translates the customers' needs into new and expanded product lines. We are committed to partner with our customers in providing unique solutions and superior service for the long term.

BRECOflex CO., L.L.C., the world leader in the polyurethane timing belt industry, sets higher standards with new state-of-the-art product designs. Diverse timing belt products, metal pulleys and accessories are scientifically designed and manufactured for undeviating precision and quality. It is our mission to provide our customers with outstanding products and technical support from the initial design phase through to after-sales-service.

BRECOflex CO., L.L.C.'s polyurethane timing belts and drive components are specified by OEM's more often than any other brands and they are used in many diverse industries and applications worldwide.

BRECOflex CO., L.L.C. offers the most comprehensive product range with more than



# POLYURETHANE TIMING BELTS

100 tooth configurations and new leading edge timing belt designs such as ARC-Power® , ATN® - Convertible Timing Belt system and REDFLEX GEN III. See Table Of Contents for a complete listing of all timing belt types available.

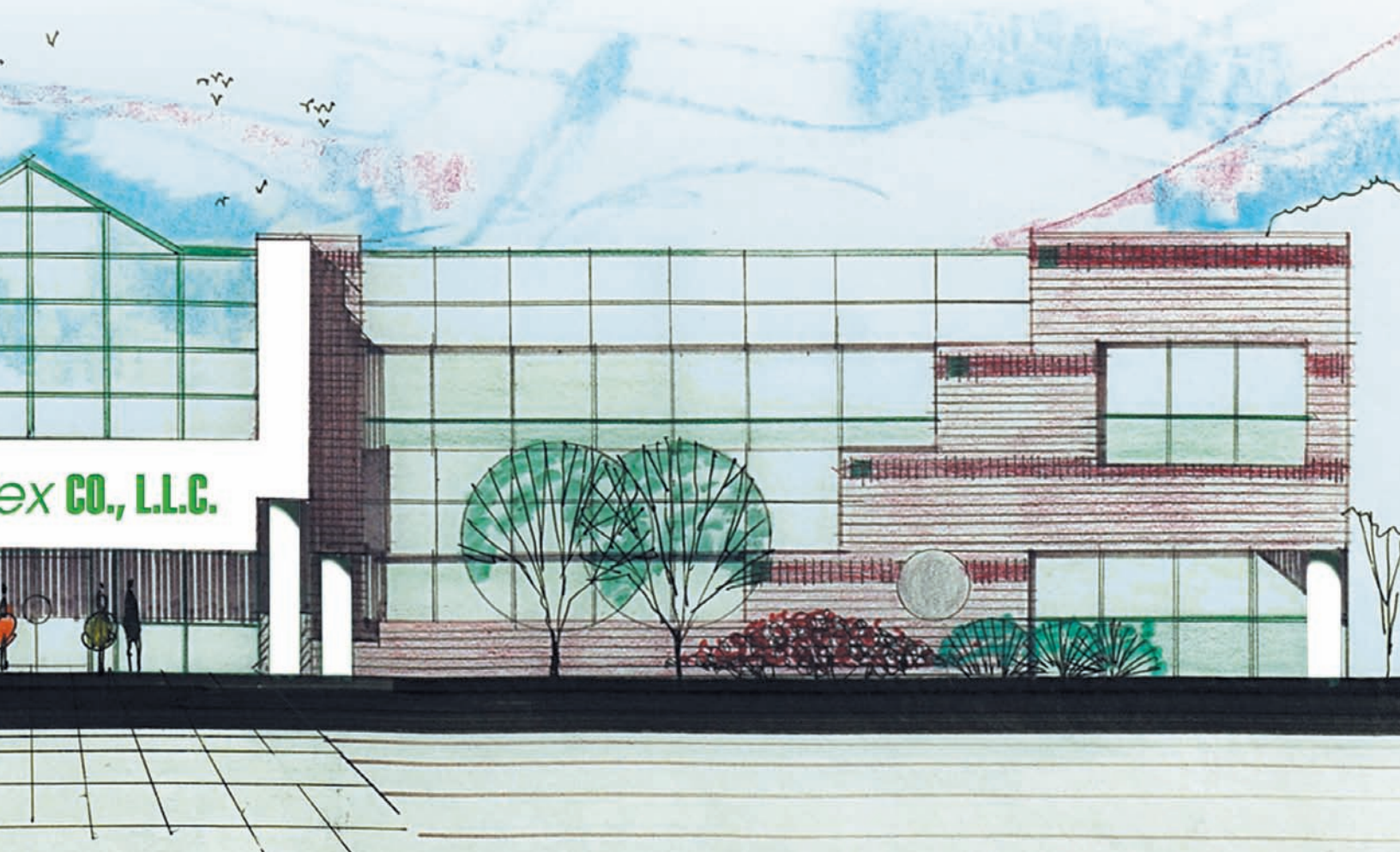
BRECOflex CO., L.L.C. is ISO 9001 certified in recognition of its quality management system and provides evidence of conformance with ISO's internationally accepted standards of quality assurance.

This very comprehensive catalog illustrates the many basic timing belt designs available and does not list the various special and customized timing belts we manufacture on a regular basis. If you cannot find the perfect timing belt type for your requirements, we will design one just for your individual needs.

Please contact us so that we may assist and support you with your timing belt design needs.

## OUR COMMITMENT

- To maintain leadership by professionally supporting our customers with high precision polyurethane timing belts, metal pulleys, woven endless flat belts and accessories for: Conveying, Driving, Indexing, Linear Drive, and Power Transmission Applications
- To meet customer requirements and continually improve quality through:
  - Advancement of product technology
  - State-of-the-art business and information systems
  - Broadening manufacturing capabilities
  - Highly skilled and trained personnel
  - Maintaining mutually beneficial relationships with customers and suppliers
- To provide our customers with outstanding products, engineering support and customer service to meet their highest expectations



# POLYURETHANE TIMING BELTS

## TABLE OF CONTENTS

<b>Polyurethane Timing Belt Design</b> .....	10
<b>Timing Belt Versions - Codes</b> .....	12
<b>Timing Belt Technology by Application</b> .....	13
<b>Tooth Profiles</b> .....	14
<b>Strength Comparisons</b> .....	18
<b>T-Series Timing Belts</b>	
T2.....	20
T2.5.....	22
T5.....	24
T10.....	26
T20.....	28
<b>AT-Series Timing Belts</b>	
AT3.....	30
AT5.....	32
AT10.....	34
AT20.....	36
<b>REDFLEX GENIII-Series Timing Belts</b>	
AT3 REDFLEX GEN III.....	38
AT5 REDFLEX GEN III.....	39
AT10 REDFLEX GEN III.....	40
ATP10 REDFLEX GEN III.....	41

# POLYURETHANE TIMING BELTS

## ATN-Series Timing Belts

ATN10 .....	42
ATN12.7 .....	43
ATN20 .....	44

## ATL-Series Timing Belts

ATL5 .....	45
ATL10 .....	46
ATL20 .....	47

## ATP-Series Timing Belts

ATP10 .....	48
ATP15 .....	49

## Imperial Series Timing Belts

MXL / .080 .....	50
XL / T1/5" .....	52
L / T3/8" .....	54
H / T1/2" .....	56
XH / T7/8" .....	58

## Self-Tracking Timing Belts

TK5 K6 .....	60
TK10 K6 .....	62
TK10 K13 .....	64
TK20 K13 .....	66
ATK5 K6 .....	68
ATK10 K6 .....	70

# POLYURETHANE TIMING BELTS

ATK10 K6-DL .....	72
ATK10 K13 .....	73
ATK20 K13 .....	74
ATN10 K6.....	75
ATN12.7 K6.....	76
HK13.....	77

## ARC-Power Self Tracking Series Timing Belts

BAT10.....	78
BATK10.....	80

## SFAT Self-Tracking Timing Belts

SFAT10.....	82
SFAT15.....	84
SFAT20.....	86

## Double Sided Timing Belts

T5-DL .....	88
T10-DL.....	90
T20-DL.....	92
AT5-DL .....	94
AT10-DL.....	95
ATK10 K6-DL .....	96
AT20-DL.....	97
H-DL / T1/2"-DL.....	98

## HTD-Series Timing Belts

HTD 3M.....	99
HTD 5M.....	100

# POLYURETHANE TIMING BELTS

HTD 8M .....	102
HTD 14M.....	104

## STD-Series Timing Belts

STD S5M .....	105
STD S8M .....	106

## Other Timing Belts

K1 .....	107
K1.5 .....	108
AR .....	109
AR-DL.....	110
BR.....	111
CR .....	112
CR-DL .....	113
DR .....	114
DR-DL.....	115
V .....	116
V-DL.....	125

## Supported Polyurethane Flat Belt Series

F.....	126
F1.0.....	127
F2.0.....	128
F3.0.....	130
F6.0.....	131
AF.....	132
BF.....	132
CF .....	133

# POLYURETHANE TIMING BELTS

DF.....	133
---------	-----

## **Polyurethane V-Belt Series – FERROPAN**

FERROPAN.....	134
---------------	-----

## **Specification Charts**

T-Series.....	136
AT-Series.....	136
REFLEX GENIII-Series.....	136
ATN-Series.....	138
ATL-Series.....	138
ATP-Series.....	138
Imperial Series.....	140
ARC-Power Self-Tracking Series.....	140
SFAT Self-Tracking Series.....	140
Double-Sided Series.....	142
HTD-Series.....	142
STD-Series.....	144
Supported Polyurethane Flat Belt Series.....	146
Polyurethane V-Belt-Series FERROPAN.....	146

<b>Length Tolerances.....</b>	<b>148</b>
-------------------------------	------------

<b>Timing Belt Options.....</b>	<b>149</b>
---------------------------------	------------

## **Timing Belt Materials**

Polyurethane.....	150
Tension Members.....	152
Tension Member Arrangement.....	153



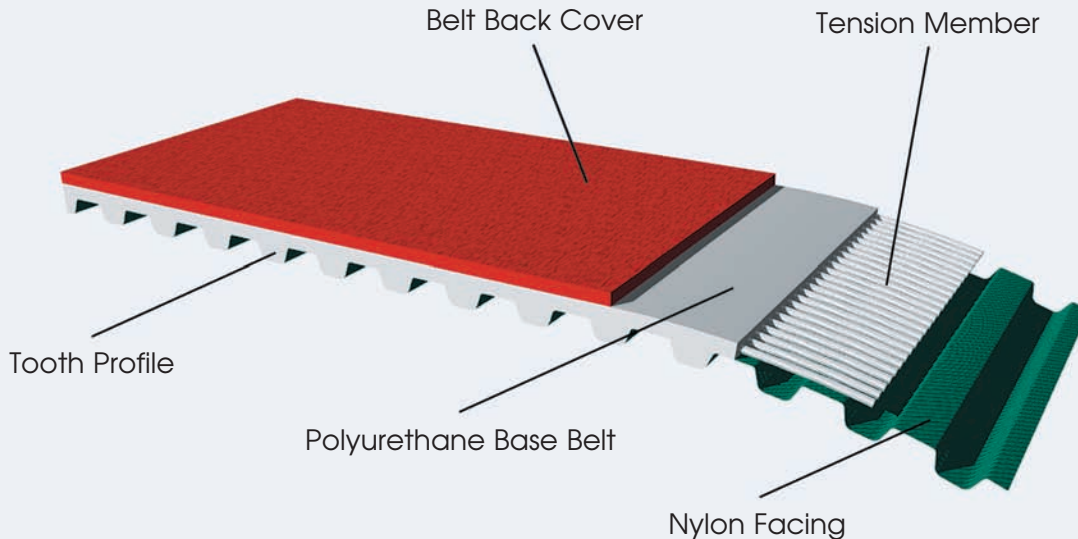
# POLYURETHANE TIMING BELTS

Strength and Flexibility .....	154
<b>Timing Belt Backings</b> .....	156
<b>Profiled Belts</b>	
Convertible Profiles .....	160
Weld-on Profiles .....	161
Profile Examples .....	162
<b>Timing Belt Modifications</b> .....	166
<b>Timing Belt Pulleys</b>	
Pulley Materials and Finishes .....	169
Stock Pulleys .....	170
Stock Pulley Modifications .....	171
Pulley Product Range .....	172
Pulley Tooth Gap Design .....	173
<b>Accessory Items for Polyurethane Timing Belts</b> .....	174
<b>Field Welder</b> .....	175
<b>Application Examples</b> .....	176
<b>Index</b> .....	180
<b>BRECOflex CO., L.L.C. Product Catalogs</b> .....	183

# POLYURETHANE TIMING BELTS

## POLYURETHANE TIMING BELT DESIGN

Timing Belt shown with belt back cover and nylon facing



BRECOflex CO., L.L.C., the world leader in the polyurethane timing belt industry, manufactures high precision timing belts made of many advanced materials which are selected for their unique properties. BRECO® and BRECOFLEX® timing belts are extruded of wear resistant polyurethane materials and high tensile braided steel tension members. For special applications Kevlar® and stainless steel tension members are also available. The combination of the superior materials results in precision products with a fine balance of high strength and high flexibility.

BRECOflex CO., L.L.C. drive components distinguish themselves with the following characteristics:

- **Superior Bonding** of tension members and polyurethane for high efficiency and for high torque applications
- **High Spring Rate** tension members for high accuracy, high repeatability, and short settling times
- **Superior Performance** and **Long Service Life** due to the perfect combination of strength and flexibility
- **Dimensionally Stable** due to high quality standards in manufacturing
- **Maintenance Free** belt systems require virtually no retensioning as tension members do not permanently elongate (no stretch)

BRECOflex CO., L.L.C. offers the most comprehensive and innovative product range for designing state-of-the-art drive applications for conveying, driving, indexing, linear drives and power transmission. The design engineer can select from more than 100 standard timing belt tooth configurations of polyurethane timing belts. In addition special belt modifications are offered.

## POLYURETHANE TIMING BELTS

### Characteristics

#### Mechanical:

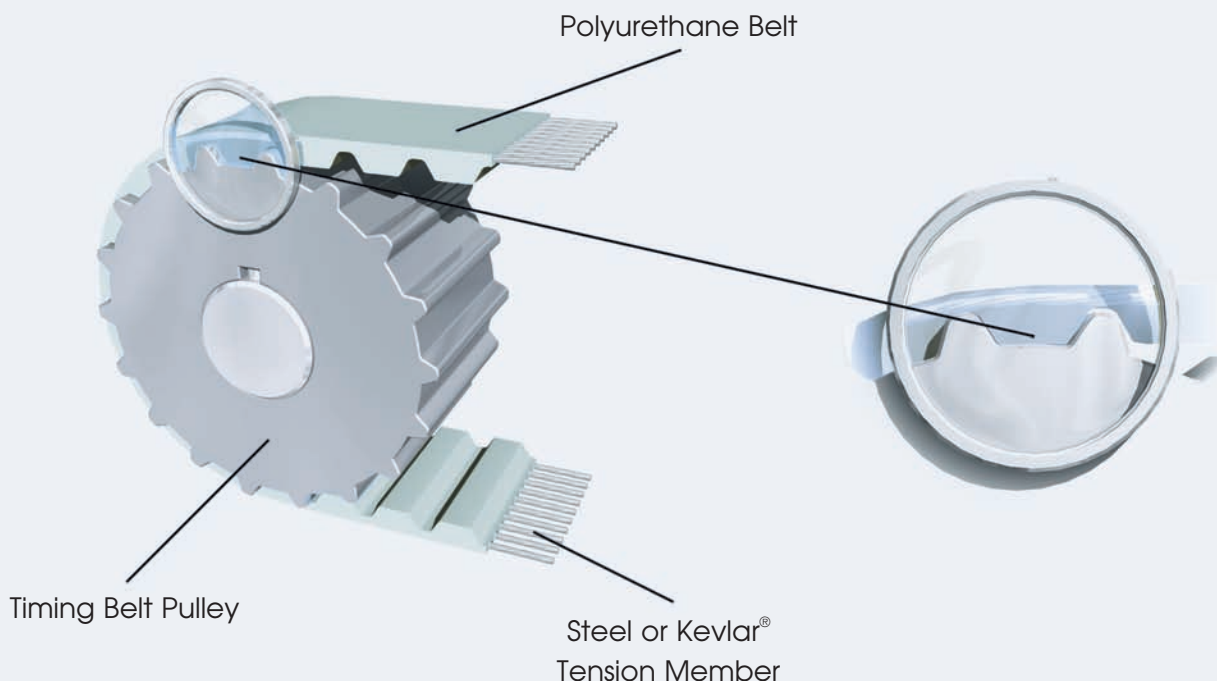
- positive, synchronous drive
- constant length, no post-elongation
- low running noise
- wear resistant
- highly flexible
- positional and angular accuracy
- no maintenance
- low pre-tension
- low bearing and shaft load
- fatigue-resistant
- compact design
- belt speed up to 80 m/s
- crossed belt drives
- low inertia – high power

- high efficiency up to 98%
- long belt lengths possible
- large transmission ratios
- no lubrication required
- non-marking

#### Chemical:

- hydrolysis-resistant
- aging-resistant
- temperature range:  
standard 0°C to +80°C, options from -30°C to +110°C  
(standard +32°F to +176°F, options from -22°F to +230°F)
- resistant to simple oils, greases, fats and benzene
- resistant to some acids and bases

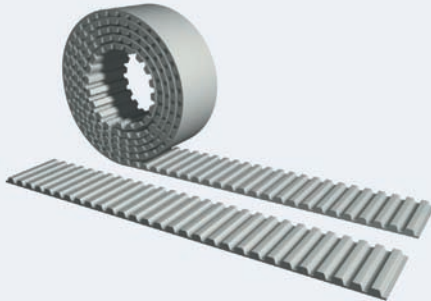
### Tooth engagement (AT-Series)



# POLYURETHANE TIMING BELTS

## TIMING BELT VERSIONS – CODES

### Open Ended – Code “M” –

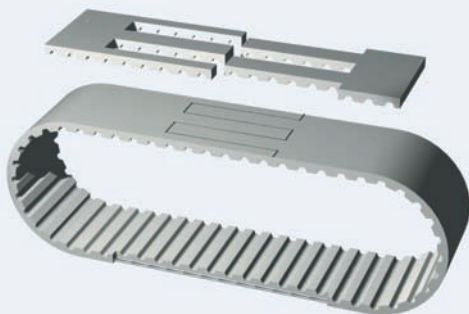


BRECO M timing belts are manufactured as open ended belts with bifilar, parallel tension members. The most common application is linear drives, in which rotary motor motion is translated into linear movement.

- High speed, up to 80 m/s
- High spring rate
- Any length available
- Various polyurethane materials available

### Applications: Linear Drives

### Spliced and Welded Endless – Code “V” –

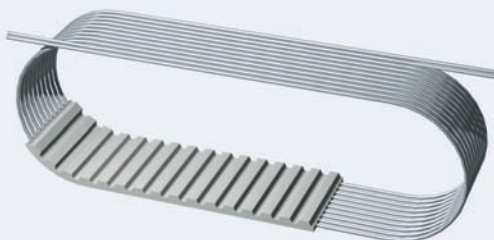


BRECO V timing belts are spliced and welded endless from open ended roll stock. The timing belt ends are joined together in a heat welding process. Virtually any length is possible and can be determined in one tooth increments. One half of the tension members transmit load in the weld area. Preferred for conveying belts, profiled belts, covered belts and general purpose applications.

- Can be profiled and machined
- Any length available
- Many facings are offered
- Various polyurethane materials available

### Applications: Conveying

### Truly Endless BRECOFLEX – Code “BFX” –

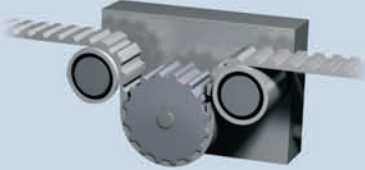
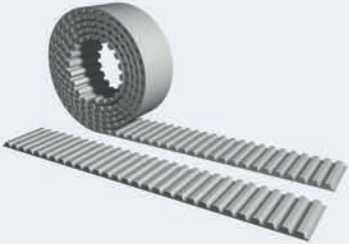
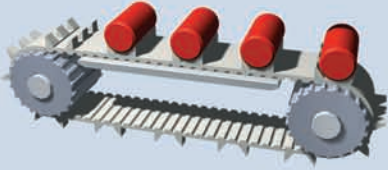
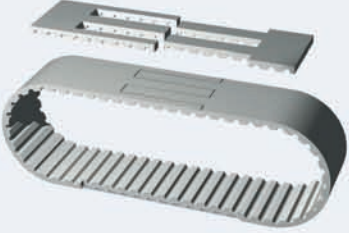
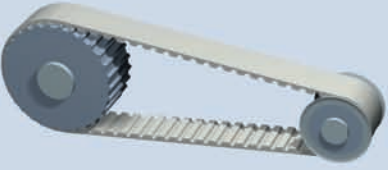
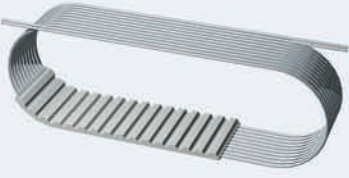


BRECOFLEX BFX versions are manufactured as truly endless timing belts resulting in timing belts with no interruptions or joints. Two bifilar tension members are helically wound throughout the timing belt for superior strength and true tracking. All tension members carry full load throughout the entire timing belt length.

- High speed, up to 80 m/s
- High strength, up to 200 kW (275 hp)
- Wide range of standard sizes
- Long lengths available (up to 22 meters)

### Applications: Power Transmission

## TIMING BELT TECHNOLOGY BY APPLICATION

Application	Belt Technology	Code
 <p>Linear Drive</p>	 <p>Open Ended</p>	<b>M</b>
 <p>Conveying</p>	 <p>Spliced and Welded</p>	<b>V</b>
 <p>Power Transmission</p>	 <p>Truly Endless</p>	<b>BFX</b>

# POLYURETHANE TIMING BELTS

## TOOTH PROFILES

### T-Series

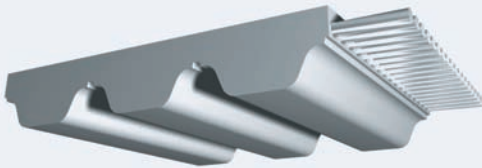


page 20 - 29

**Standard timing belt for conveying and moderate power transmission applications**

- Manufactured to DIN 7721
- Flexible for back bending applications
- Used for profiled belts with metric profile spacing
- Wide range of pitch sizes (2.0 mm to 20.0 mm)
- Wide range of belt widths (up to 150 mm)
- Bifilar tension member design for true tracking

### AT-Series

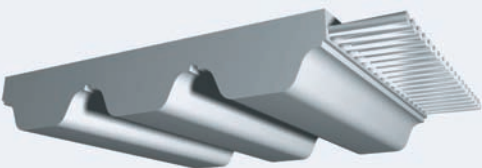


page 30 - 37

**High strength timing belt for power transmission and high accuracy positioning applications**

- High strength tension members (up to twice as strong as standard T-Series and Imperial pitch belts)
- Increased tension member spring rate for better repeatability and reduced settling time
- High tooth shear strength (up to 45% higher than standard T-Series and Imperial pitch belts)
- Reduced backlash (zero backlash pulleys available for highest accuracy)
- Bifilar tension member design for true tracking

### REDFLEX GEN III-Series

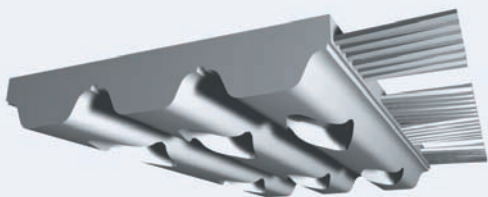


page 38 - 41

**Highest strength timing belt available utilizing advanced materials for demanding power transmission applications**

- More densely wound bifilar tension members for true tracking, up to 40% more tensile strength than AT-Series
- Increased tension member spring rate for better repeatability and reduced settling time
- High performance polyurethane for up to 60% higher tooth shear strength and improved service life
- Temperature range up to 100°C
- Used with standard AT-Series pulleys
- Available in AT3, AT5, AT10 and ATP10

### ATN-Series



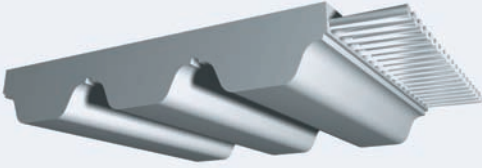
page 42 - 44

**Most advanced profile timing belt system utilizing molded belt cavities and specially designed inserts allowing profiles to be mechanically fastened**

- Quick and easy profile change (variable profile pitch)
- Various profile materials can be utilized
- No belt disassembly necessary to change profiles
- Connecting kit available for field assembly
- ATN components available in nylon, brass, stainless steel
- Alternative to chain with the advantages of a timing belt

## TOOTH PROFILES

### ATL-Series

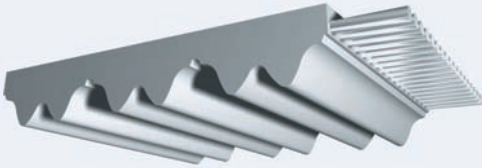


page 45 - 47

#### Special linear drive belt designed for the highest accuracy

- Predictably negative belt length tolerance to allow near perfect length tolerance after proper pretensioning
- Larger tension members than AT-Series for the highest tensile strength and spring rate for better repeatability and reduced settling time
- Used with standard AT-Series pulleys (zero backlash pulleys available for highest accuracy)
- Bifilar tension member design for true tracking
- Available in ATL5, ATL10, ATL20

### ATP-Series

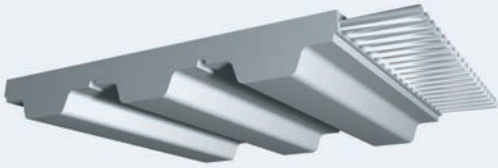


page 48 - 49

#### Specially designed power transmission belt available for replacement and existing OEM equipment

- High tooth shear strength from modified tooth design
- More uniform stress distribution
- Noise reduction
- Available in ATP10 and ATP15

### Imperial-Series



page 50 - 59

#### Standard timing belt for driving and conveying applications

- Manufactured to ANSI/RMA standard
- Used for profiled belt applications with inch based profile spacing
- Upgrade neoprene belts to high performance polyurethane belts without replacing pulleys
- Wide range of pitch sizes (MXL, XL, L, H, XH)

### Self-Tracking-Series



page 60 - 77

#### Self-tracking timing belt with center guide

- No pulley flanges necessary
- Suitable for side loading
- Tracking guides available in K6 and K13
- Timing belts available in most pitches with molded, homogeneous, serrated guides for the best belt performance and flexibility
- Solid tracking guides can be added to any belt in all pitches

# POLYURETHANE TIMING BELTS

## TOOTH PROFILES

### ARC-Power Self-Tracking-Series



page 78 - 81

**Revolutionary Arc shaped tooth timing belt represents the most unique and efficient timing belt available**

- No pulley flanges necessary
- Smooth tooth engagement – Arc shaped belt teeth are continuously engaging
- Reduced polygonal effect for less vibration
- Reduced noise level
- No lateral movement for high efficiency
- Designed with high strength AT tooth profile
- Bifilar tension member design for true tracking

### SFAT Self-Tracking-Series

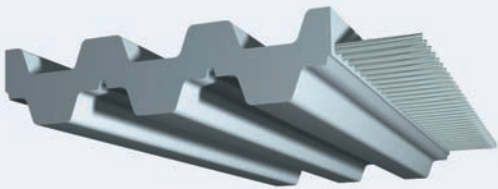


page 82 - 87

**Split tooth timing belt design for high power, bidirectional self-tracking applications**

- No pulley flanges necessary
- Designed with high strength AT tooth profile
- Increased tension member spring rate for better repeatability and reduced settling time
- Used with SFAT pulleys
- Bifilar tension member design for true tracking
- Available in SFAT10, SFAT15 and SFAT20

### Double Sided Series

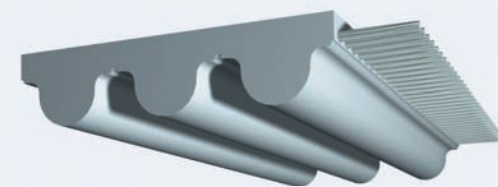


page 88 - 98

**Double sided timing belt transmits power on both sides**

- Offset tooth design reduces polygonal effect and stress concentration
- Flexible tension members for long service life (Hi-Flex cables available for extreme bending)
- Available in T, AT, Imperial and Self-Tracking
- BRECOFLEX truly endless available up to 22 meters for high speed, high power
- BRECO V spliced and welded endless available up to 50 meters

### HTD-Series



page 99 - 104

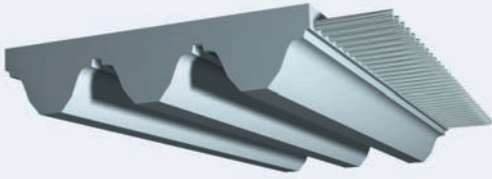
**HTD belting offered with the benefits of advanced polyurethane and steel tension members**

- Manufactured to ANSI/RMA standard
- Upgrade neoprene power transmission belts with truly endless high performance polyurethane timing belts (HTD 8M) without replacing pulleys
- High Power (HP) open ended belting with high strength, and high spring rate used for linear drives – 3M, 5M, 8M, 14M
- High Flex (HF) spliced and welded endless belts for conveying and moderate power transmission applications



## TOOTH PROFILES

### STD-Series

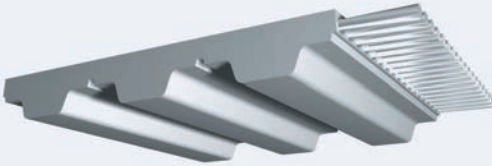


page 105 - 106

**STD belting offered with the benefits of advanced polyurethane and steel tension members**

- Manufactured to ANSI/RMA standard
- High Power (HP) open ended belting with high strength and high spring rate used for linear drives – S5M, S8M
- 30 meter rolls standard

### Other Timing Belts



page 107 - 125

**Special pitch polyurethane timing belts available for:**

- Current designs  
K1, K1.5
- Replacement on older machines  
single sided: AR, BR, CR, DR, V  
double sided: AR-DL, CR-DL, DR-DL, V-DL

### Supported Polyurethane Flat Belt Series

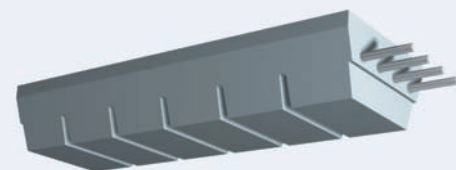


page 126 - 133

**Polyurethane flat belt steel reinforced for conveying**

- Alternative to standard flat belts
- High spring rate and high tensile strength
- Wear and abrasion resistant polyurethane for longer service life
- Available in 1, 2, 3 and 6 mm

### FERROPAN Polyurethane V-Belt Series



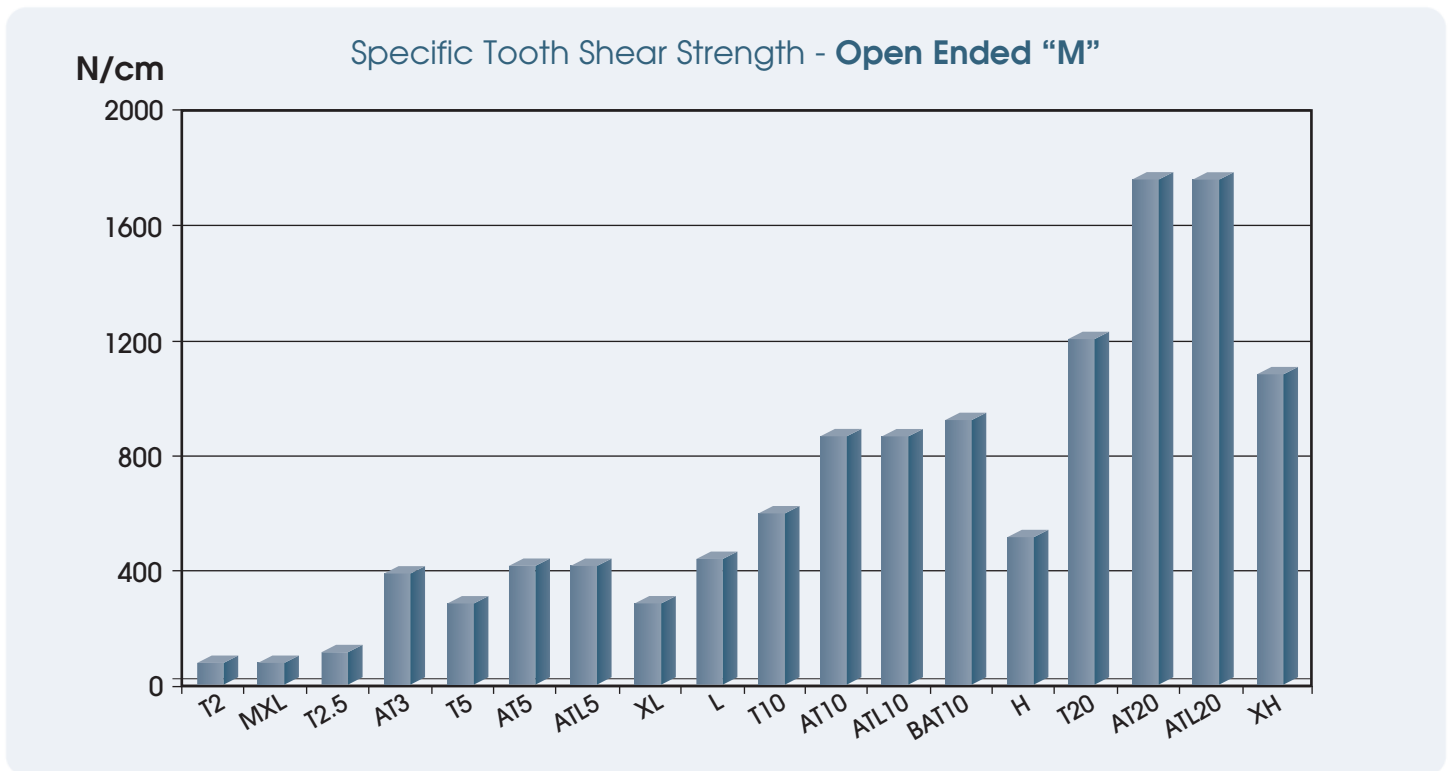
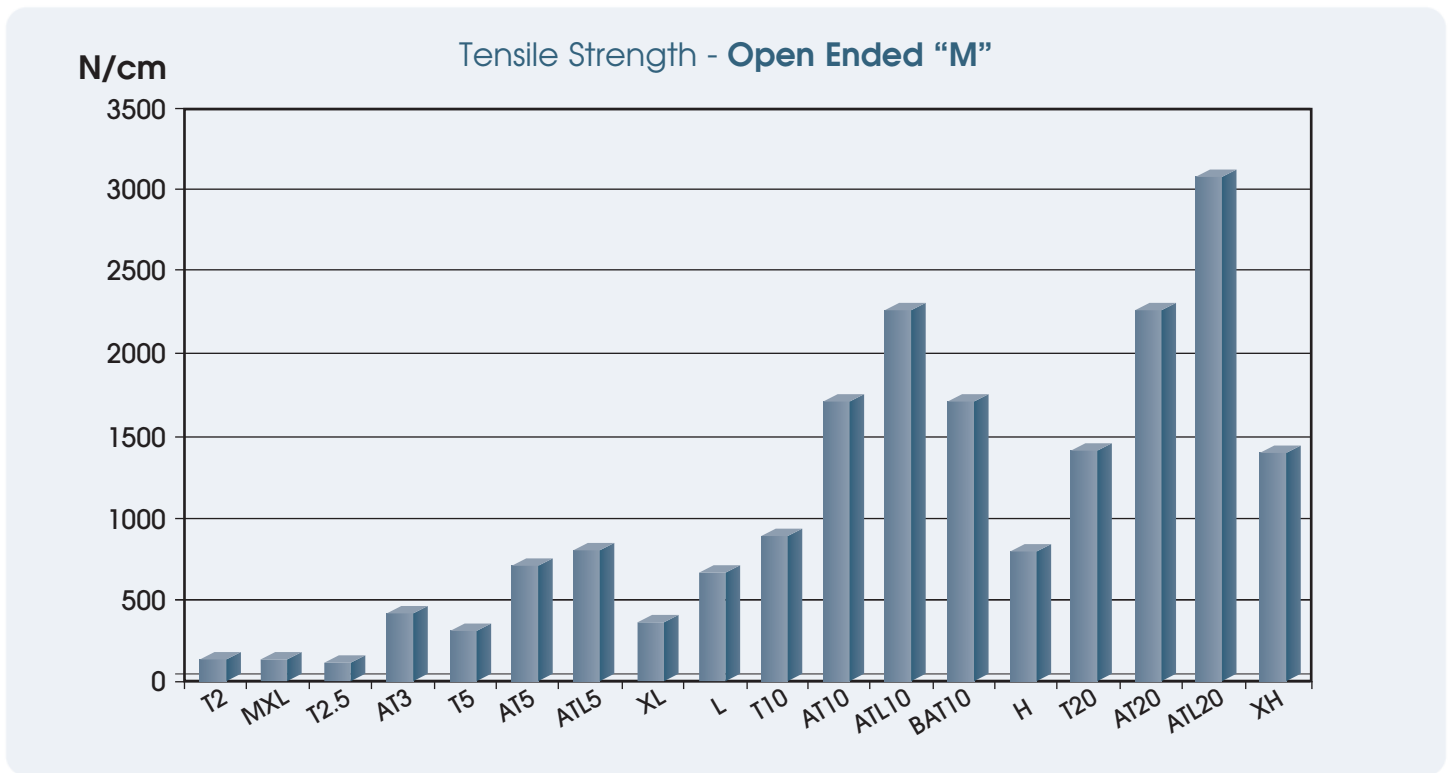
page 134 - 135

**Polyurethane V belt steel reinforced for conveying**

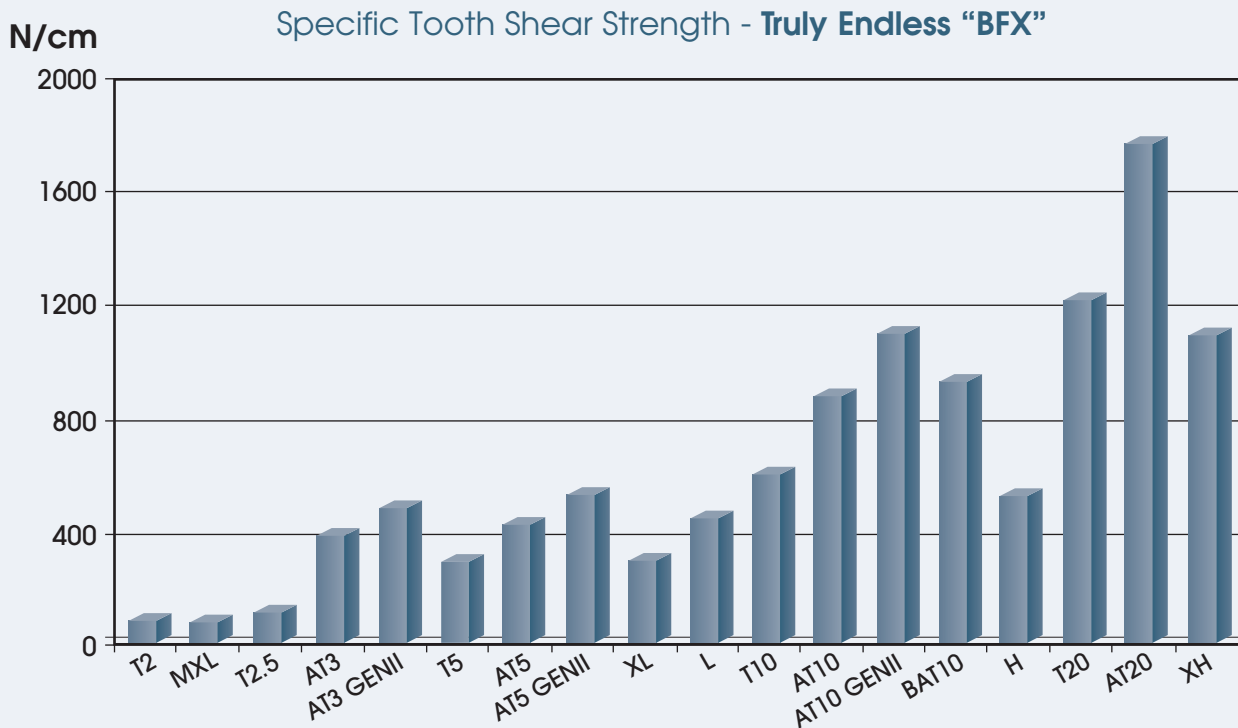
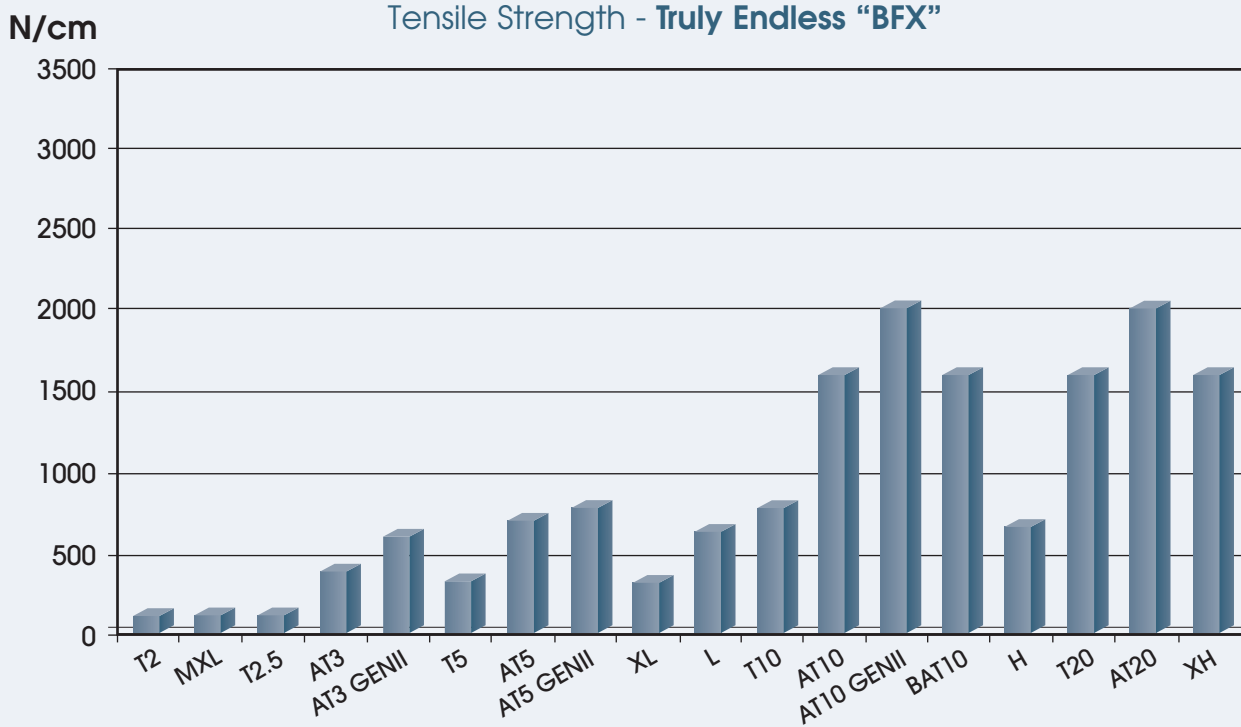
- Reinforcement improves spring rate and strength
- Wear and abrasion resistant polyurethane for longer service life
- Ideal for long length conveying applications

# POLYURETHANE TIMING BELTS

## STRENGTH COMPARISONS



## STRENGTH COMPARISONS



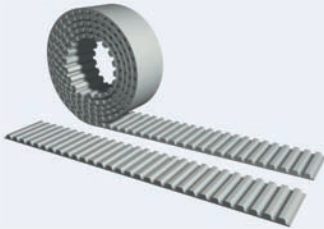
# POLYURETHANE TIMING BELTS

## T-SERIES

# T2



KEVLAR® Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

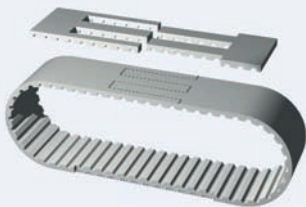
**Widths:** Standard Belt Widths in mm (in between widths available):

4                  6                  10                  16

**max. lengths:** 15,000    12,000    8,000    5,000

**Ordering example:** BRECO Timing Belt    10 T2 / 8000 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V

– on request –



Pulleys  
page 168

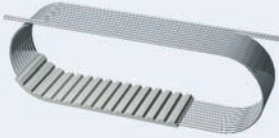
# POLYURETHANE TIMING BELTS

## T-SERIES

# T2



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

4    6    10    12    16    20

Pitch/Length Version	Number of Teeth
T2 / 90 SFX	45
T2 / 118 SFX	59
T2 / 120 SFX	60
T2 / 138 SFX	69
T2 / 140 SFX	70
T2 / 144 SFX	72
T2 / 150 SFX	75

Pitch/Length Version	Number of Teeth
T2 / 160 SFX	80
T2 / 180 SFX	90
T2 / 200 SFX	100
T2 / 220 SFX	110
T2 / 240 SFX	120
T2 / 256 SFX	128
T2 / 262 SFX	131

Pitch/Length Version	Number of Teeth
T2 / 280 SFX	140
T2 / 292 SFX	146
T2 / 320 SFX	160
T2 / 360 SFX	180
T2 / 600 SFX	300
T2 / 710 SFX	355

**Ordering example:** TRULY ENDLESS Timing Belt 10 T2 / 360 SFX



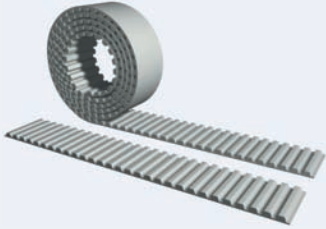
# POLYURETHANE TIMING BELTS

## T-SERIES

### T2.5



STEEL Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6    8    10    12    16    20

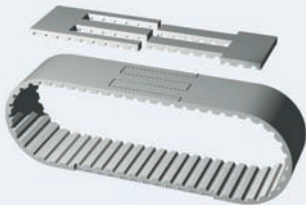
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt    20   T2.5 / 525   M



Available Options (page 149):

- PAR



### SPLICED AND WELDED ENDLESS – V

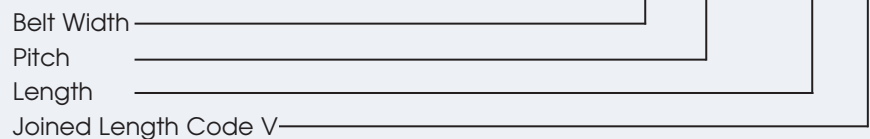


Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
8    10    12    16    20

**Lengths:** Minimum Joined Length: 350 mm  
Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt    20   T2.5 / 525   V



Available Options (page 149):

- PAR



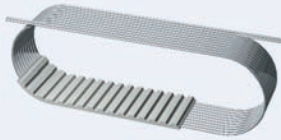
# POLYURETHANE TIMING BELTS

## T-SERIES

# T2.5



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

4    6    10    12    16    20

Pitch/Length Version	Number of Teeth
T2.5 / 120 SFX	48
T2.5 / 145 SFX	58
T2.5 / 160 SFX	64
T2.5 / 177.5 SFX	71
T2.5 / 180 SFX	72
T2.5 / 182.5 SFX	73
T2.5 / 200 SFX	80
T2.5 / 225 SFX	90
T2.5 / 230 SFX	92

Pitch/Length Version	Number of Teeth
T2.5 / 245 SFX	98
T2.5 / 250 SFX	100
T2.5 / 265 SFX	106
T2.5 / 285 SFX	114
T2.5 / 290 SFX	116
T2.5 / 305 SFX	122
T2.5 / 317.5 SFX	127
T2.5 / 330 SFX	132
T2.5 / 380 SFX	152

Pitch/Length Version	Number of Teeth
T2.5 / 420 SFX	168
T2.5 / 480 SFX	192
T2.5 / 500 SFX	200
T2.5 / 540 SFX	216
T2.5 / 620 SFX	248
T2.5 / 650 SFX	260
T2.5 / 780 SFX	312
T2.5 / 950 SFX	380
T2.5 / 1300 SFX	520

**Available Options (page 149):**

- DL



**Ordering example: TRULY ENDLESS Timing Belt 10 T2.5 / 380 SFX**



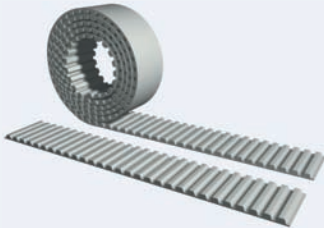
# POLYURETHANE TIMING BELTS

## T-SERIES

# T5



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

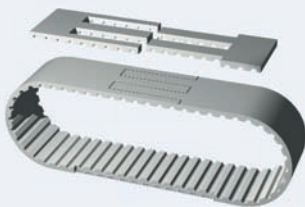
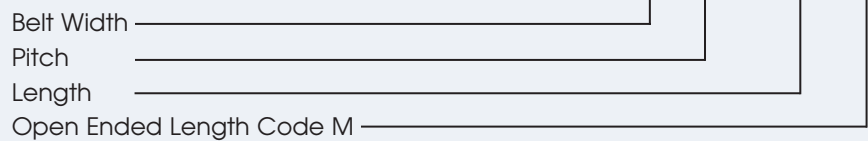
#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 6 10 12 16 20 25 32 50 75

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt 20 T5 / 2355 M



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 10 12 16 20 25 32 50 75

**Lengths:** Minimum Joined Length: 800 mm  
 Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt 20 T5 / 2355 V





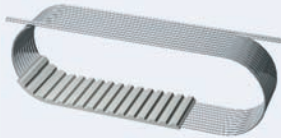
# POLYURETHANE TIMING BELTS

## T-SERIES

# T5



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 10 12 16 20 25 32 50 75 100

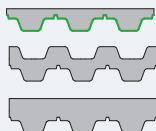
Pitch/ Length Version	Number of Teeth	Pitch/ Length Version	Number of Teeth	Pitch/ Length Version	Number of Teeth	Pitch/ Length Version	Number of Teeth
T5 / 100 SFX	20	T5 / 410 BFX	82	T5 / 765 SFX	153	T5 / 2000 BFX	400
T5 / 150 SFX	30	T5 / 420 BFX	84	T5 / 780 BFX	156	T5 / 2120 BFX	424
T5 / 165 SFX	33	T5 / 435 BFX	87	T5 / 800 BFX	160	T5 / 2240 BFX	448
T5 / 180 SFX	36	T5 / 455 BFX	91	T5 / 815 BFX	163	T5 / 2360 BFX	472
T5 / 185 SFX	37	T5 / 460 SFX	92	T5 / 840 BFX	168	T5 / 2500 BFX	500
T5 / 200 SFX	40	T5 / 480 BFX	96	T5 / 850 BFX	170	T5 / 2650 BFX	530
T5 / 210 SFX	42	T5 / 500 BFX	100	T5 / 860 BFX	172	T5 / 2800 BFX	560
T5 / 215 BFX	43	T5 / 505 SFX	101	T5 / 900 BFX	180	T5 / 3000 BFX	600
T5 / 220 BFX	44	T5 / 510 BFX	102	T5 / 925 SFX	185	T5 / 3150 BFX	630
T5 / 225 BFX	45	T5 / 525 BFX	105	T5 / 940 SFX	188	T5 / 3350 BFX	670
T5 / 240 BFX	48	T5 / 545 BFX	109	T5 / 945 BFX	189	T5 / 3550 BFX	690
T5 / 245 BFX	49	T5 / 550 SFX	110	T5 / 980 BFX	196	T5 / 3750 BFX	750
T5 / 250 SFX	50	T5 / 560 BFX	112	T5 / 990 BFX	198	T5 / 4000 BFX	800
T5 / 255 BFX	51	T5 / 575 BFX	115	T5 / 1040 BFX	208	T5 / 4250 BFX	850
T5 / 260 BFX	52	T5 / 590 SFX	118	T5 / 1075 BFX	215	T5 / 4500 BFX	900
T5 / 270 BFX	54	T5 / 610 BFX	122	T5 / 1100 BFX	220	T5 / 4750 BFX	950
T5 / 280 BFX	56	T5 / 620 BFX	124	T5 / 1160 BFX	232	T5 / 5000 BFX	1000
T5 / 295 BFX	59	T5 / 630 BFX	126	T5 / 1215 BFX	243	T5 / 5300 BFX	1060
T5 / 305 BFX	61	T5 / 650 SFX	130	T5 / 1315 BFX	263	T5 / 5600 BFX	1120
T5 / 330 BFX	66	T5 / 660 BFX	132	T5 / 1380 BFX	276	T5 / 6000 BFX	1200
T5 / 340 BFX	68	T5 / 690 BFX	138	T5 / 1400 BFX	280	T5 / 6300 BFX	1260
T5 / 355 BFX	71	T5 / 700 SFX	140	T5 / 1500 BFX	300	T5 / 6700 BFX	1340
T5 / 365 BFX	73	T5 / 720 BFX	144	T5 / 1600 BFX	320	T5 / 7100 BFX	1420
T5 / 370 BFX	74	T5 / 725 SFX	145	T5 / 1700 BFX	340	T5 / 7500 BFX	1500
T5 / 390 BFX	78	T5 / 750 BFX	150	T5 / 1800 BFX	360		
T5 / 400 BFX	80	T5 / 755 BFX	151	T5 / 1900 BFX	380		

Further lengths up to 15,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.

### Available Options (page 149):

- PAZ
- DL
- DR



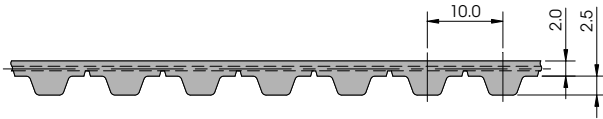
**Ordering example:** BRECOFLEX Timing Belt **25** **T5** / **2360** **BFX**



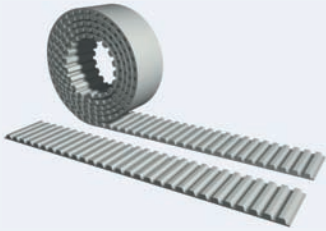
# POLYURETHANE TIMING BELTS

## T-SERIES

### T10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 10 12 16 20 25 32 50 75 100 150

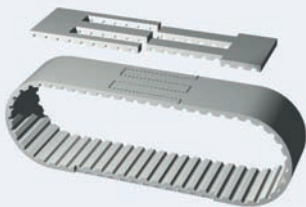
**Lengths:** Any length available – Stock Rolls: 50 meters

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Ordering example:** BRECO Timing Belt **50 T10 / 2390 M**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 20 25 32 50 75 100 150

**Lengths:** Minimum Joined Length: 880 mm  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

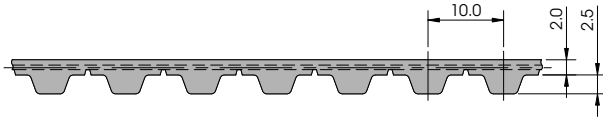
**Ordering example:** BRECO Timing Belt **50 T10 / 2390 V**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_

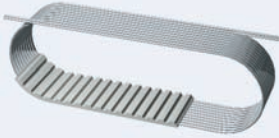
# POLYURETHANE TIMING BELTS

## T-SERIES

# T10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
T10 / 260 SFX	26	T10 / 920 BFX	92	T10 / 1960 BFX	196
T10 / 350 SFX	35	T10 / 960 BFX	96	T10 / 2250 BFX	225
T10 / 370 SFX	37	T10 / 970 BFX	97	T10 / 2360 BFX	236
T10 / 420 SFX	42	T10 / 980 BFX	98	T10 / 2500 BFX	250
T10 / 440 SFX	44	T10 / 990 BFX	99	T10 / 2650 BFX	265
T10 / 450 SFX	45	T10 / 1010 BFX	101	T10 / 2800 BFX	280
T10 / 500 BFX	50	T10 / 1080 BFX	108	T10 / 3000 BFX	300
T10 / 530 BFX	53	T10 / 1110 BFX	111	T10 / 3100 BFX	310
T10 / 560 BFX	56	T10 / 1140 BFX	114	T10 / 3150 BFX	315
T10 / 600 BFX	60	T10 / 1150 BFX	115	T10 / 3350 BFX	335
T10 / 610 BFX	61	T10 / 1210 BFX	121	T10 / 3750 BFX	375
T10 / 630 BFX	63	T10 / 1240 BFX	124	T10 / 4000 BFX	400
T10 / 660 BFX	66	T10 / 1250 BFX	125	T10 / 4250 BFX	425
T10 / 680 SFX	68	T10 / 1300 BFX	130	T10 / 4500 BFX	450
T10 / 690 BFX	69	T10 / 1320 BFX	132	T10 / 4750 BFX	475
T10 / 700 BFX	70	T10 / 1350 BFX	135	T10 / 4780 BFX	478
T10 / 720 BFX	72	T10 / 1390 BFX	139	T10 / 5000 BFX	500
T10 / 730 SFX	73	T10 / 1400 BFX	140	T10 / 5300 BFX	530
T10 / 750 SFX	75	T10 / 1420 BFX	142	T10 / 5600 BFX	560
T10 / 760 SFX	76	T10 / 1450 BFX	145	T10 / 6000 BFX	600
T10 / 780 BFX	78	T10 / 1460 BFX	146	T10 / 6300 BFX	630
T10 / 800 SFX	80	T10 / 1500 BFX	150	T10 / 6700 BFX	670
T10 / 810 BFX	81	T10 / 1560 BFX	156	T10 / 7100 BFX	710
T10 / 840 BFX	84	T10 / 1610 BFX	161	T10 / 7500 BFX	750
T10 / 850 SFX	85	T10 / 1750 BFX	175	T10 / 8000 BFX	800
T10 / 880 BFX	88	T10 / 1780 BFX	178	T10 / 9000 BFX	900
T10 / 890 BFX	89	T10 / 1880 BFX	188		

Further lengths up to 20,000 mm available.

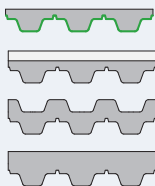
Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.

**Ordering example: BRECOFLEX Timing Belt 50 T10 / 2360 BFX**



### Available Options (page 149):

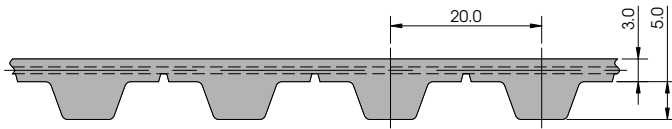
- PAZ
- T-Cover
- DL
- DR



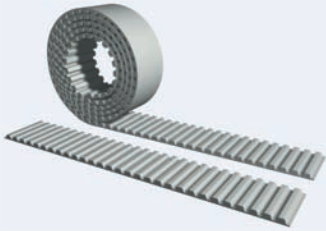
# POLYURETHANE TIMING BELTS

## T-SERIES

# T20



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

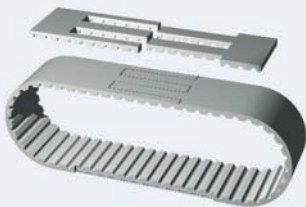
#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 20 25 32 50 75 100 150

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **75 T20 / 4500 M**



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

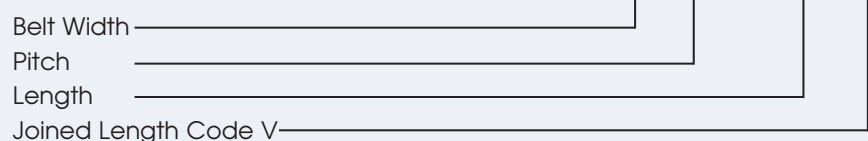
#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 20 25 32 50 75 100 150

**Lengths:** Minimum Joined Length: 1000 mm  
 Length of timing belt can be specified in one tooth increments

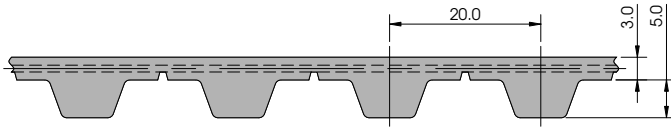
**Ordering example:** BRECO Timing Belt **75 T20 / 4500 V**



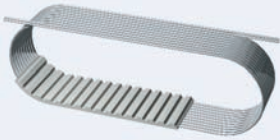
# POLYURETHANE TIMING BELTS

## T-SERIES

# T20



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

16 20 25 32 50 75 100 150

Pitch/Length Version	Number of Teeth
T20 / 1260 SFX	63
T20 / 1460 SFX	73
T20 / 1500 BFX	75
T20 / 1600 BFX	80
T20 / 1700 BFX	85
T20 / 1780 BFX	89
T20 / 1800 BFX	90
T20 / 1880 BFX	94
T20 / 1900 BFX	95
T20 / 2000 BFX	100
T20 / 2120 BFX	106
T20 / 2240 BFX	112
T20 / 2360 BFX	118

Pitch/Length Version	Number of Teeth
T20 / 2500 BFX	125
T20 / 2600 BFX	130
T20 / 2660 BFX	133
T20 / 2800 BFX	140
T20 / 3000 BFX	150
T20 / 3100 BFX	155
T20 / 3160 BFX	158
T20 / 3360 BFX	168
T20 / 3560 BFX	178
T20 / 3620 BFX	181
T20 / 3760 BFX	188
T20 / 4000 BFX	200
T20 / 4260 BFX	213

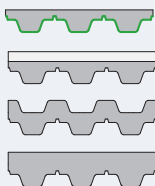
Pitch/Length Version	Number of Teeth
T20 / 4500 BFX	225
T20 / 4760 BFX	238
T20 / 5000 BFX	250
T20 / 5300 BFX	265
T20 / 5600 BFX	280
T20 / 6000 BFX	300
T20 / 6300 BFX	315
T20 / 6700 BFX	335
T20 / 7100 BFX	355
T20 / 7500 BFX	375
T20 / 8000 BFX	400
T20 / 8500 BFX	425
T20 / 9000 BFX	450

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.

### Available Options (page 149):

- PAZ
- T-Cover
- DL
- DR



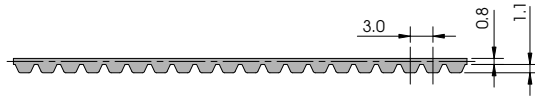
**Ordering example:** BRECOFLEX Timing Belt 100 T20 / 5300 BFX

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Truly Endless Length Code BFX \_\_\_\_\_

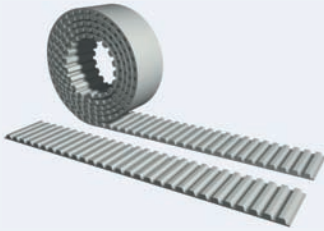
# POLYURETHANE TIMING BELTS

## AT-SERIES

### AT3



STEEL Tension Member — standard



#### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6    8    10    12    16    20    25

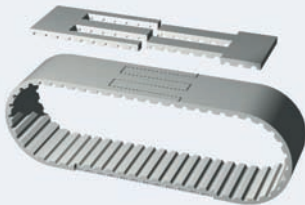
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt    25 AT3 / 900 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_

Available Options (page 149):

- PAZ



#### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
8    10    12    16    20    25

**Lengths:** Minimum Joined Length: 879 mm  
Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt    20 AT3 / 900 V

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

Available Options (page 149):

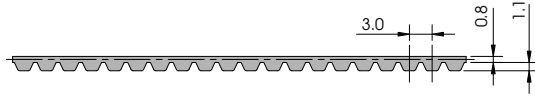
- PAZ



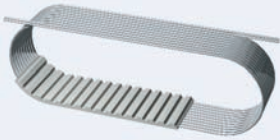
# POLYURETHANE TIMING BELTS

## AT-SERIES

# AT3



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional  
 (SFX only)



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth
AT3 / 150 SFX	50
AT3 / 201 SFX	67
AT3 / 252 SFX	84
AT3 / 267 SFX	89
AT3 / 270 SFX	90
AT3 / 300 SFX	100
AT3 / 351 SFX	117
AT3 / 399 SFX	133
AT3 / 417 SFX	139
AT3 / 450 SFX	150

Pitch/Length Version	Number of Teeth
AT3 / 501 SFX	167
AT3 / 549 SFX	183
AT3 / 600 SFX	200
AT3 / 639 SFX	213
AT3 / 720 BFX	240
AT3 / 816 SFX	272
AT3 / 819 BFX	273
AT3 / 900 SFX	300
AT3 / 918 BFX	306

Pitch/Length Version	Number of Teeth
AT3 / 1011 SFX	337
AT3 / 1017 BFX	339
AT3 / 1116 BFX	372
AT3 / 1215 BFX	405
AT3 / 1314 BFX	438
AT3 / 1413 BFX	471
AT3 / 1512 BFX	504
AT3 / 1611 BFX	537
AT3 / 1710 BFX	570

Further lengths up to 1,710 mm available.  
 Length of timing belt can be increased in increments of one tooth  
 from minimum length of 720 mm.

**Ordering example: TRULY ENDLESS Timing Belt 10 AT3 / 399 BFX**



**Available Options (page 149):**

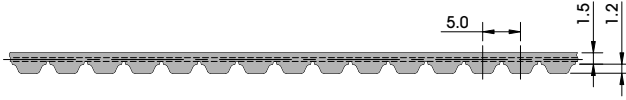
- PAZ



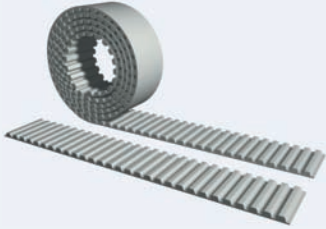
# POLYURETHANE TIMING BELTS

## AT-SERIES

### AT5



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 6 8 10 12 16 20 25 32 50 75

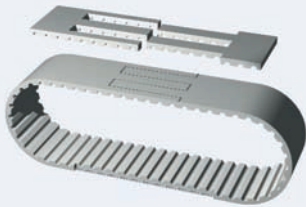
**Lengths:** Any length available – Stock Rolls: 50 meters

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DR 

**Ordering example:** BRECO Timing Belt 25 AT5 / 1200 M

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 10 12 16 20 25 32 50 75

**Lengths:** Minimum Joined Length: 880 mm  
 Length of timing belt can be specified in one tooth increments

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DR 

**Ordering example:** BRECO Timing Belt 25 AT5 / 1200 V

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_



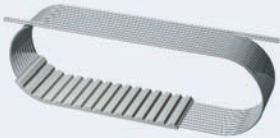
# POLYURETHANE TIMING BELTS

## AT-SERIES

# AT5



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT5 / 225 BFX	45	AT5 / 750 SFX	150	AT5 / 1900 BFX	380
AT5 / 255 BFX	51	AT5 / 780 BFX	156	AT5 / 2000 BFX	400
AT5 / 260 SFX	52	AT5 / 825 SFX	165	AT5 / 2120 BFX	424
AT5 / 280 BFX	56	AT5 / 840 BFX	168	AT5 / 2240 BFX	448
AT5 / 300 SFX	60	AT5 / 855 BFX	171	AT5 / 2360 BFX	472
AT5 / 305 BFX	61	AT5 / 860 SFX	172	AT5 / 2500 BFX	500
AT5 / 330 SFX	66	AT5 / 875 BFX	175	AT5 / 2650 BFX	530
AT5 / 340 BFX	68	AT5 / 900 SFX	180	AT5 / 2800 BFX	560
AT5 / 375 SFX	75	AT5 / 920 SFX	184	AT5 / 3000 BFX	600
AT5 / 390 BFX	78	AT5 / 960 BFX	192	AT5 / 3150 BFX	630
AT5 / 420 BFX	84	AT5 / 975 SFX	195	AT5 / 3350 BFX	670
AT5 / 450 SFX	90	AT5 / 990 BFX	198	AT5 / 3550 BFX	710
AT5 / 455 BFX	91	AT5 / 1005 BFX	201	AT5 / 3750 BFX	750
AT5 / 480 SFX	96	AT5 / 1020 BFX	204	AT5 / 4000 BFX	800
AT5 / 490 SFX	98	AT5 / 1050 SFX	210	AT5 / 4250 BFX	850
AT5 / 500 BFX	100	AT5 / 1075 BFX	215	AT5 / 4500 BFX	900
AT5 / 525 SFX	105	AT5 / 1100 BFX	220	AT5 / 4750 BFX	950
AT5 / 545 BFX	109	AT5 / 1125 BFX	225	AT5 / 5000 BFX	1000
AT5 / 600 SFX	120	AT5 / 1215 BFX	243	AT5 / 5300 BFX	1060
AT5 / 610 BFX	122	AT5 / 1230 BFX	246	AT5 / 5600 BFX	1120
AT5 / 620 SFX	124	AT5 / 1380 BFX	276	AT5 / 6000 BFX	1200
AT5 / 630 SFX	126	AT5 / 1400 BFX	280	AT5 / 6300 BFX	1260
AT5 / 660 BFX	132	AT5 / 1500 BFX	300	AT5 / 6700 BFX	1340
AT5 / 670 SFX	134	AT5 / 1600 BFX	320	AT5 / 7100 BFX	1420
AT5 / 690 SFX	138	AT5 / 1700 BFX	340	AT5 / 7500 BFX	1500
AT5 / 710 SFX	142	AT5 / 1750 BFX	350		
AT5 / 720 BFX	144	AT5 / 1800 BFX	360		

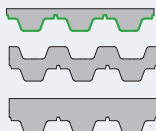
Further lengths up to 15,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.

**Ordering example: BRECOFLEX Timing Belt 50 AT5 / 2360 BFX**

### Available Options (page 149):

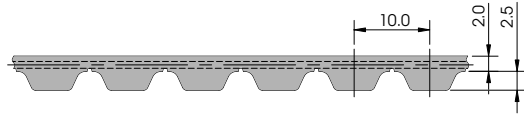
- PAZ
- DL
- DR



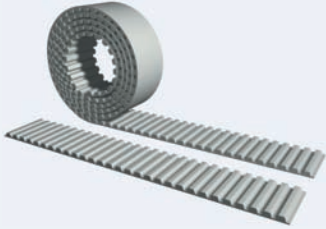
# POLYURETHANE TIMING BELTS

## AT-SERIES

# AT10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

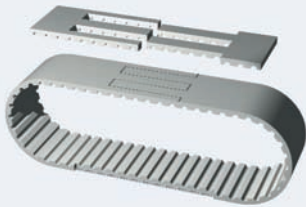
#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 10 12 16 20 25 32 50 75 100 150

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **50** **AT10** / **2000** **M**



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths in mm (in between widths available):  
 20 25 32 50 75 100 150

**Lengths:** Minimum Joined Length: 880 mm  
 Length of timing belt can be specified in one tooth increments

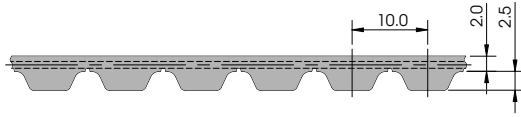
**Ordering example:** BRECO Timing Belt **50** **AT10** / **2000** **V**



# POLYURETHANE TIMING BELTS

## AT-SERIES

# AT10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
 page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

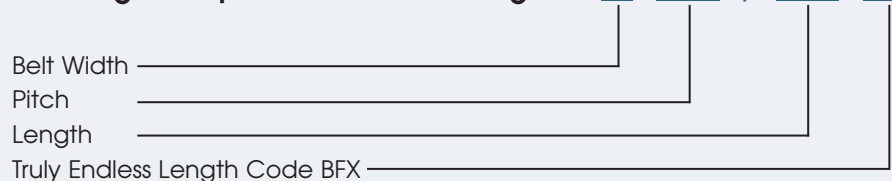
10 12 16 20 25 32 50 75 100 150

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT10 / 400 BFX	40	AT10 / 1080 BFX	108	AT10 / 2240 BFX	224
AT10 / 500 BFX	50	AT10 / 1100 BFX	110	AT10 / 2360 BFX	236
AT10 / 530 BFX	53	AT10 / 1150 BFX	115	AT10 / 2500 BFX	250
AT10 / 560 BFX	56	AT10 / 1200 BFX	120	AT10 / 2650 BFX	265
AT10 / 580 SFX	58	AT10 / 1210 BFX	121	AT10 / 2800 BFX	280
AT10 / 600 SFX	60	AT10 / 1240 BFX	124	AT10 / 3000 BFX	300
AT10 / 610 BFX	61	AT10 / 1250 BFX	125	AT10 / 3150 BFX	315
AT10 / 630 BFX	63	AT10 / 1280 BFX	128	AT10 / 3350 BFX	335
AT10 / 660 BFX	66	AT10 / 1300 BFX	130	AT10 / 3550 BFX	355
AT10 / 700 BFX	70	AT10 / 1320 BFX	132	AT10 / 3750 BFX	375
AT10 / 720 BFX	72	AT10 / 1350 BFX	135	AT10 / 4000 BFX	400
AT10 / 730 SFX	73	AT10 / 1360 BFX	136	AT10 / 4250 BFX	425
AT10 / 780 BFX	78	AT10 / 1400 BFX	140	AT10 / 4500 BFX	450
AT10 / 800 BFX	80	AT10 / 1420 BFX	142	AT10 / 4750 BFX	475
AT10 / 810 BFX	81	AT10 / 1480 BFX	148	AT10 / 5000 BFX	500
AT10 / 840 BFX	84	AT10 / 1500 BFX	150	AT10 / 5300 BFX	530
AT10 / 850 BFX	85	AT10 / 1530 BFX	153	AT10 / 5600 BFX	560
AT10 / 880 BFX	88	AT10 / 1600 BFX	160	AT10 / 6000 BFX	600
AT10 / 890 BFX	89	AT10 / 1700 BFX	170	AT10 / 6300 BFX	630
AT10 / 920 BFX	92	AT10 / 1720 BFX	172	AT10 / 6700 BFX	670
AT10 / 960 BFX	96	AT10 / 1800 BFX	180	AT10 / 7100 BFX	710
AT10 / 970 BFX	97	AT10 / 1860 BFX	186	AT10 / 7500 BFX	750
AT10 / 980 BFX	98	AT10 / 1900 BFX	190	AT10 / 8000 BFX	800
AT10 / 1000 SFX	100	AT10 / 1940 BFX	194	AT10 / 9000 BFX	900
AT10 / 1010 BFX	101	AT10 / 2000 BFX	200		
AT10 / 1050 SFX	105	AT10 / 2120 BFX	212		

Further lengths up to 20,000 mm available.

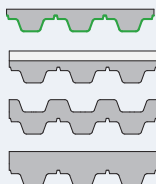
Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.

**Ordering example: BRECOFLEX Timing Belt 50 AT10 / 2360 BFX**



### Available Options (page 149):

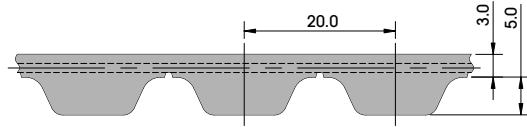
- PAZ
- T-Cover
- DL
- DR



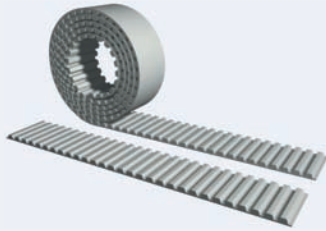
# POLYURETHANE TIMING BELTS

## AT-SERIES

### AT20



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



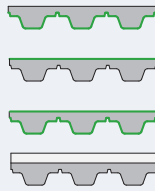
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100 150

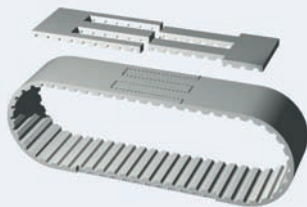
**Lengths:** Any length available – Stock Rolls: 50 meters

**Available Options (page 149):**

- PAZ
- PAR
- PAZ-PAR
- T-Cover



**Ordering example:** BRECO Timing Belt **50 AT20 / 2000 M**



### SPLICED AND WELDED ENDLESS – V



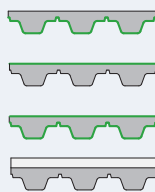
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100 150

**Lengths:** Minimum Joined Length: 1000 mm  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ
- PAR
- PAZ-PAR
- T-Cover



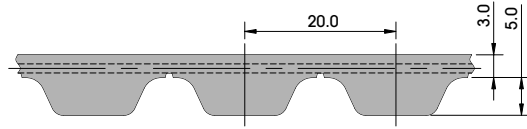
**Ordering example:** BRECO Timing Belt **50 AT20 / 2000 V**



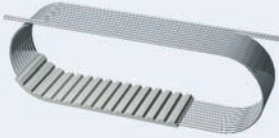
# POLYURETHANE TIMING BELTS

## AT-SERIES

# AT20



STEEL Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

25 32 50 75 100 150

Pitch/Length Version	Number of Teeth
AT20 / 1000 SFX	50
AT20 / 1100 SFX	55
AT20 / 1200 SFX	60
AT20 / 1260 SFX	63
AT20 / 1500 BFX	75
AT20 / 1600 BFX	80
AT20 / 1700 BFX	85
AT20 / 1760 BFX	88
AT20 / 1800 BFX	90
AT20 / 1900 BFX	95
AT20 / 1960 BFX	98
AT20 / 2000 BFX	100
AT20 / 2120 BFX	106

Pitch/Length Version	Number of Teeth
AT20 / 2240 BFX	112
AT20 / 2360 BFX	118
AT20 / 2500 BFX	125
AT20 / 2660 BFX	133
AT20 / 2800 BFX	140
AT20 / 3000 BFX	150
AT20 / 3160 BFX	158
AT20 / 3360 BFX	168
AT20 / 3560 BFX	178
AT20 / 3760 BFX	188
AT20 / 4000 BFX	200
AT20 / 4260 BFX	213
AT20 / 4500 BFX	225

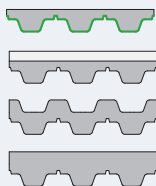
Pitch/Length Version	Number of Teeth
AT20 / 4760 BFX	238
AT20 / 5000 BFX	250
AT20 / 5300 BFX	265
AT20 / 5600 BFX	280
AT20 / 6000 BFX	300
AT20 / 6300 BFX	315
AT20 / 6700 BFX	335
AT20 / 7100 BFX	355
AT20 / 7500 BFX	375
AT20 / 8000 BFX	400
AT20 / 8500 BFX	425
AT20 / 9000 BFX	450

Further lengths up to 20,000 mm available.

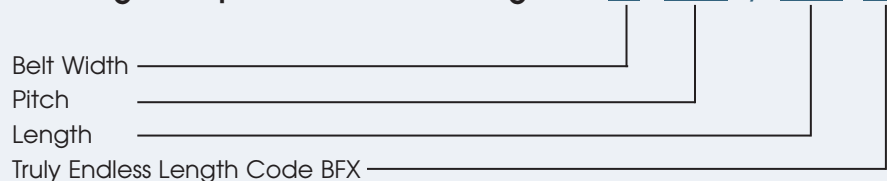
Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.

### Available Options (page 149):

- PAZ
- T-Cover
- DL
- DR



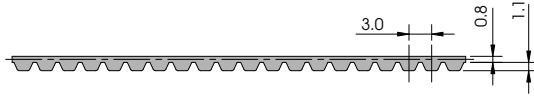
**Ordering example: BRECOFLEX Timing Belt 50 AT20 / 3760 BFX**



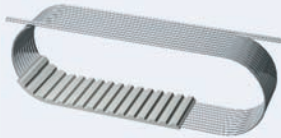
# POLYURETHANE TIMING BELTS

## REDFLEX GEN III-SERIES

### AT3 REDFLEX GEN III



STEEL Tension Member — standard



### TRULY ENDLESS - SFX GEN III



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 10 16 25 32 50 75 100

Pitch/Length Version	Number of Teeth
AT3 / 150 SFX	50
AT3 / 201 SFX	67
AT3 / 252 SFX	84
AT3 / 267 SFX	89
AT3 / 270 SFX	90
AT3 / 300 SFX	100

Pitch/Length Version	Number of Teeth
AT3 / 351 SFX	117
AT3 / 399 SFX	133
AT3 / 417 SFX	139
AT3 / 450 SFX	150
AT3 / 501 SFX	167
AT3 / 549 SFX	183

Pitch/Length Version	Number of Teeth
AT3 / 600 SFX	200
AT3 / 639 SFX	213
AT3 / 816 SFX	272
AT3 / 900 SFX	300
AT3 / 1011 SFX	337

**Ordering example:**  
TRULY ENDLESS Timing Belt

**10 AT3 / 399 SFX GEN III**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_  
 High Performance GEN III \_\_\_\_\_

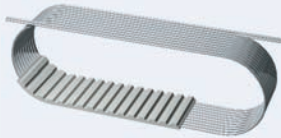
# POLYURETHANE TIMING BELTS

## REDFLEX GEN III-SERIES

### AT5 REDFLEX GEN III



STEEL Tension Member — standard



### TRULY ENDLESS - SFX GEN III



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 10 16 25 32 50 75 100

Pitch/Length Version	Number of Teeth
AT5 / 225 SFX	45
AT5 / 255 SFX	51
AT5 / 260 SFX	52
AT5 / 280 SFX	56
AT5 / 300 SFX	60
AT5 / 330 SFX	66
AT5 / 340 SFX	68
AT5 / 375 SFX	75
AT5 / 390 SFX	78
AT5 / 420 SFX	84
AT5 / 450 SFX	90
AT5 / 455 SFX	91
AT5 / 480 SFX	96
AT5 / 490 SFX	98

Pitch/Length Version	Number of Teeth
AT5 / 500 SFX	100
AT5 / 525 SFX	105
AT5 / 545 SFX	109
AT5 / 600 SFX	120
AT5 / 610 SFX	122
AT5 / 620 SFX	124
AT5 / 630 SFX	126
AT5 / 660 SFX	132
AT5 / 670 SFX	134
AT5 / 690 SFX	138
AT5 / 710 SFX	142
AT5 / 720 SFX	144
AT5 / 750 SFX	150
AT5 / 780 SFX	156

Pitch/Length Version	Number of Teeth
AT5 / 825 SFX	165
AT5 / 860 SFX	172
AT5 / 875 SFX	175
AT5 / 900 SFX	180
AT5 / 920 SFX	184
AT5 / 975 SFX	195
AT5 / 1050 SFX	210
AT5 / 1125 SFX	225
AT5 / 1230 SFX	246
AT5 / 1500 SFX	300
AT5 / 1750 SFX	350
AT5 / 2000 SFX	400
AT5 / 3350 SFX	670
AT5 / 3800 SFX	760

#### Ordering example:

TRULY ENDLESS Timing Belt

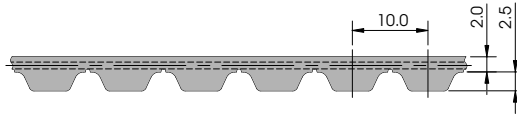
50 AT5 / 3350 SFX GEN III

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_  
 High Performance GEN III \_\_\_\_\_

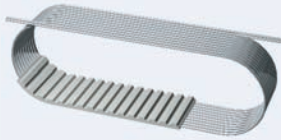
# POLYURETHANE TIMING BELTS

## REDFLEX GEN III-SERIES

### AT10 REDFLEX GEN III



STEEL Tension Member — standard



### TRULY ENDLESS - SFX GEN III



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

16 25 32 50 75 100 150

Pitch/Length Version	Number of Teeth
AT10 / 500 SFX	50
AT10 / 560 SFX	56
AT10 / 580 SFX	58
AT10 / 600 SFX	60
AT10 / 610 SFX	61
AT10 / 660 SFX	66
AT10 / 700 SFX	70
AT10 / 730 SFX	73
AT10 / 780 SFX	78
AT10 / 800 SFX	80
AT10 / 840 SFX	84
AT10 / 880 SFX	88
AT10 / 890 SFX	89

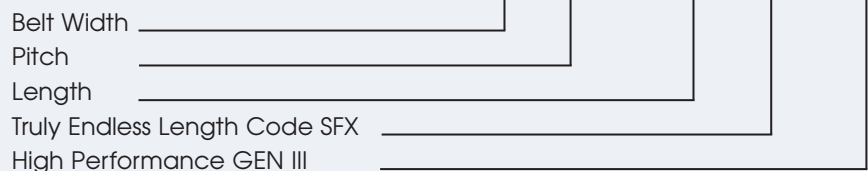
Pitch/Length Version	Number of Teeth
AT10 / 920 SFX	92
AT10 / 960 SFX	96
AT10 / 980 SFX	98
AT10 / 1000 SFX	100
AT10 / 1010 SFX	101
AT10 / 1050 SFX	105
AT10 / 1080 SFX	108
AT10 / 1100 SFX	110
AT10 / 1150 SFX	115
AT10 / 1200 SFX	120
AT10 / 1210 SFX	121
AT10 / 1250 SFX	125
AT10 / 1280 SFX	128

Pitch/Length Version	Number of Teeth
AT10 / 1300 SFX	130
AT10 / 1320 SFX	132
AT10 / 1350 SFX	135
AT10 / 1360 SFX	136
AT10 / 1400 SFX	140
AT10 / 1480 SFX	148
AT10 / 1500 SFX	150
AT10 / 1600 SFX	160
AT10 / 1700 SFX	170
AT10 / 1720 SFX	172
AT10 / 1800 SFX	180
AT10 / 1860 SFX	186
AT10 / 1940 SFX	194

**Ordering example:**

**TRULY ENDLESS Timing Belt**

**50 AT10 / 1480 SFX GEN III**

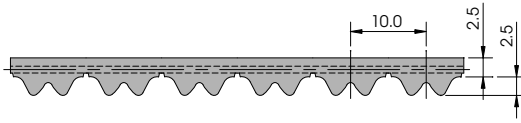




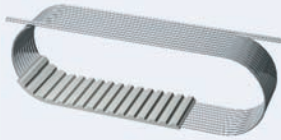
# POLYURETHANE TIMING BELTS

## REDFLEX GEN III-SERIES

### ATP10 REDFLEX GEN III



STEEL Tension Member — standard



### TRULY ENDLESS - SFX GEN III



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

16 25 32 50 75 100 150

Pitch/Length Version	Number of Teeth
ATP10 / 630 SFX	63
ATP10 / 660 SFX	66
ATP10 / 700 SFX	70
ATP10 / 780 SFX	78
ATP10 / 840 SFX	84

Pitch/Length Version	Number of Teeth
ATP10 / 890 SFX	89
ATP10 / 920 SFX	92
ATP10 / 1010 SFX	101
ATP10 / 1080 SFX	108
ATP10 / 1150 SFX	115

Pitch/Length Version	Number of Teeth
ATP10 / 1280 SFX	128
ATP10 / 1400 SFX	140
ATP10 / 1650 SFX	165
ATP10 / 1800 SFX	180

#### Ordering example:

TRULY ENDLESS Timing Belt

50 ATP10 / 1280 SFX GEN III

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

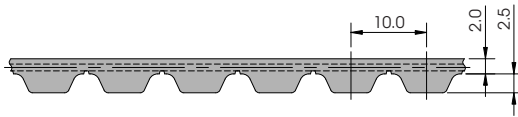
Truly Endless Length Code SFX \_\_\_\_\_

High Performance GEN III \_\_\_\_\_

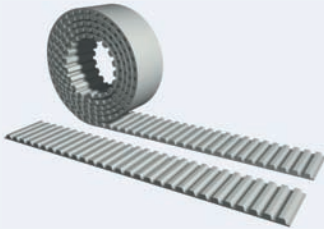
# POLYURETHANE TIMING BELTS

## ATN-SERIES

# ATN10



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

For more technical information please see catalog **B209** "ATN®-Convertible Timing Belt System"

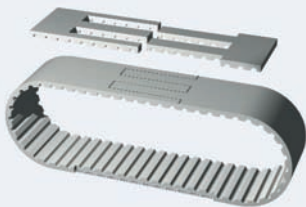
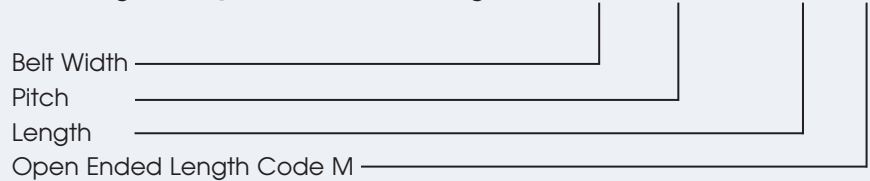
**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

**Ordering example:** BRECO Timing Belt **50** **ATN10** / **4000** **M**



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

For more technical information please see catalog **B209** "ATN®-Convertible Timing Belt System"

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 75 100

**Lengths:** Minimum Joined Length: 880 mm  
Length of timing belt can be specified in one tooth increments

#### Available Options (page 149):

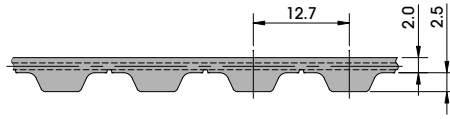
- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

**Ordering example:** BRECO Timing Belt **50** **ATN10** / **4000** **V**

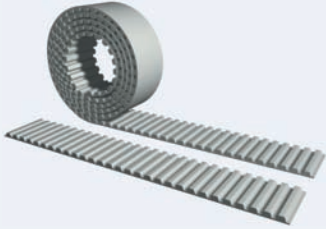


## ATN-SERIES

# ATN12.7



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

For more technical information please see catalog **B209 “ATN®-Convertible Timing Belt System”**

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 75 100

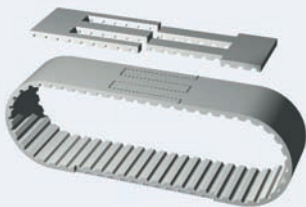
**Lengths:** Any length available – Stock Rolls: 50 meters

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

**Ordering example:** BRECO Timing Belt **50** **ATN12.7** / **3810** **M**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

For more technical information please see catalog **B209 “ATN®-Convertible Timing Belt System”**

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 75 100

**Lengths:** Minimum Joined Length: 876.3 mm  
Length of timing belt can be specified in one tooth increments

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

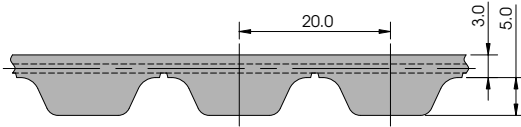
**Ordering example:** BRECO Timing Belt **50** **ATN12.7** / **3810** **V**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

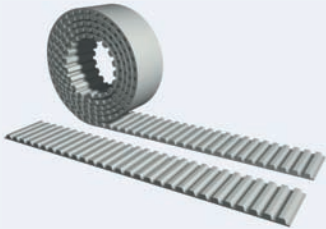
# POLYURETHANE TIMING BELTS

## ATN-SERIES

# ATN20



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

For more technical information please see catalog **B209 “ATN®-Convertible Timing Belt System”**

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

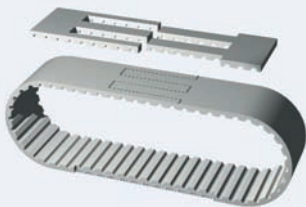
**Lengths:** Any length available – Stock Rolls: 50 meters

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

**Ordering example:** BRECO Timing Belt 50 ATN20 / 4000 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

For more technical information please see catalog **B209 “ATN®-Convertible Timing Belt System”**

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

**Lengths:** Minimum Joined Length: 1,000 mm  
Length of timing belt can be specified in one tooth increments

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

**Ordering example:** BRECO Timing Belt 50 ATN20 / 4000 V

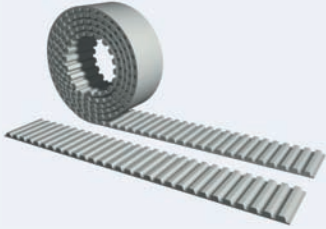
Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

## ATL-SERIES

# ATL5



**STEEL** Tension Member — increased



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
16    20    25    32    50

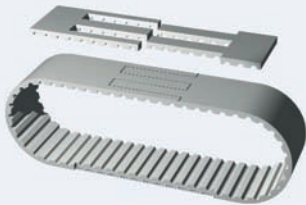
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **32** **ATL5** / **2000** **M**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_

**Available Options (page 149):**

- PAZ



## SPLICED AND WELDED ENDLESS – V

– not recommended as welded endless, see page 32  
for AT5 spliced and welded endless V –

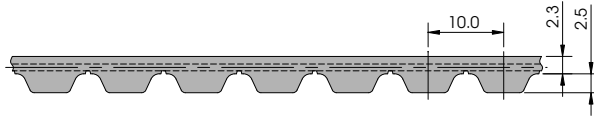


Pulleys  
page 168

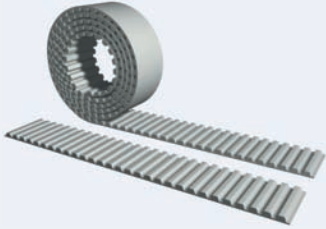
# POLYURETHANE TIMING BELTS

## ATL-SERIES

# ATL10



**STEEL** Tension Member — increased



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 32 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **50** **ATL10** / **3000** **M**

Belt Width \_\_\_\_\_

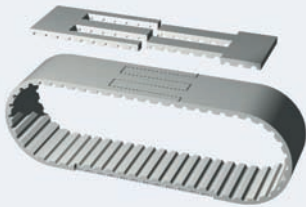
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

**Available Options (page 149):**

- PAZ



### SPLICED AND WELDED ENDLESS – V

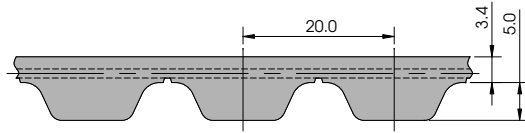
– not recommended as welded endless, see page 34 for ATL10 spliced and welded endless V –



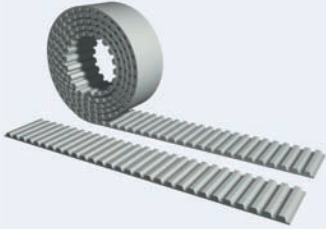
Pulleys  
page 168

## ATL-SERIES

# ATL20



**STEEL** Tension Member — increased



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
32 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **75** **ATL20** / **4000** **M**

Belt Width \_\_\_\_\_

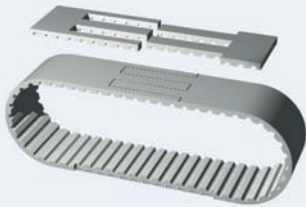
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

**Available Options (page 149):**

- PAZ



### SPLICED AND WELDED ENDLESS – V

– not recommended as welded endless, see page 36 for AT20 spliced and welded endless V –



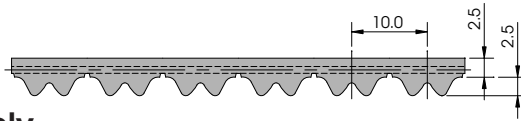
Pulleys  
page 168

# POLYURETHANE TIMING BELTS

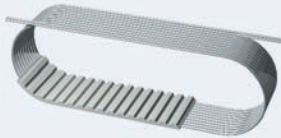
## ATP-SERIES

# ATP10

For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

16 25 32 50 75 100

Pitch/Length Version	Number of Teeth
ATP10 / 630 SFX	63
ATP10 / 660 SFX	66
ATP10 / 700 SFX	70
ATP10 / 780 SFX	78
ATP10 / 840 SFX	84
ATP10 / 890 SFX	89
ATP10 / 920 SFX	92
ATP10 / 1010 SFX	101
ATP10 / 1080 SFX	108
ATP10 / 1150 SFX	115
ATP10 / 1280 SFX	128
ATP10 / 1400 SFX	140
ATP10 / 1500 BFX	150
ATP10 / 1600 BFX	160

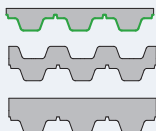
Pitch/Length Version	Number of Teeth
ATP10 / 1650 BFX	165
ATP10 / 1700 BFX	170
ATP10 / 1760 BFX	176
ATP10 / 1800 BFX	180
ATP10 / 1900 BFX	190
ATP10 / 2000 BFX	200
ATP10 / 2120 BFX	212
ATP10 / 2240 BFX	224
ATP10 / 2360 BFX	236
ATP10 / 2500 BFX	250
ATP10 / 2650 BFX	265
ATP10 / 2800 BFX	280
ATP10 / 3000 BFX	300
ATP10 / 3150 BFX	315

Pitch/Length Version	Number of Teeth
ATP10 / 3350 BFX	335
ATP10 / 3550 BFX	355
ATP10 / 3750 BFX	375
ATP10 / 4000 BFX	400
ATP10 / 4250 BFX	425
ATP10 / 4500 BFX	450
ATP10 / 4750 BFX	475
ATP10 / 5000 BFX	500
ATP10 / 5300 BFX	530
ATP10 / 5600 BFX	560
ATP10 / 6000 BFX	600
ATP10 / 6300 BFX	630

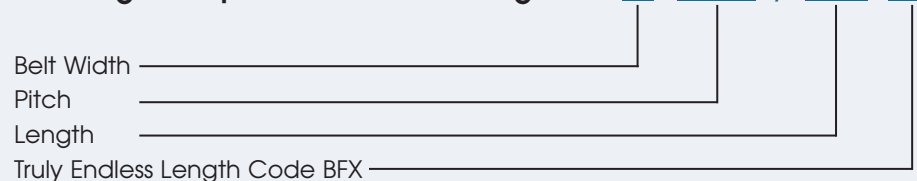
Further lengths up to 12,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.

Available Options (page 149):

- PAZ
- DL
- DR



Ordering example: BRECOFLEX Timing Belt **50** **ATP10** / **3750** **BFX**



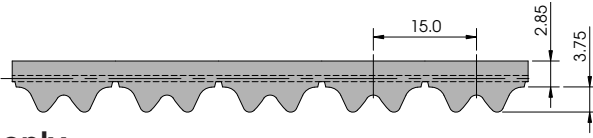


# POLYURETHANE TIMING BELTS

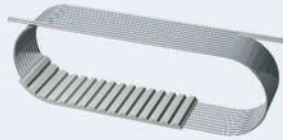
## ATP-SERIES

# ATP15

For replacements only



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

25 32 50 75 100 150

Pitch/Length Version	Number of Teeth
ATP15 / 990 SFX	66
ATP15 / 1125 SFX	75
ATP15 / 1185 SFX	79
ATP15 / 1260 SFX	84
ATP15 / 1395 SFX	93
ATP15 / 1560 SFX	104
ATP15 / 1740 BFX	116
ATP15 / 1965 BFX	131
ATP15 / 2100 BFX	140

Pitch/Length Version	Number of Teeth
ATP15 / 2250 BFX	150
ATP15 / 2385 BFX	159
ATP15 / 2520 BFX	168
ATP15 / 2670 BFX	178
ATP15 / 2805 BFX	187
ATP15 / 3000 BFX	200
ATP15 / 3225 BFX	215
ATP15 / 3450 BFX	230
ATP15 / 3675 BFX	245

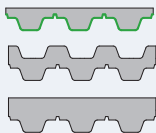
Pitch/Length Version	Number of Teeth
ATP15 / 3900 BFX	260
ATP15 / 4125 BFX	275
ATP15 / 4500 BFX	300
ATP15 / 4875 BFX	325
ATP15 / 5250 BFX	350
ATP15 / 5625 BFX	375
ATP15 / 6000 BFX	400

Further lengths up to 12,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Available Options (page 149):**

- PAZ
- DL
- DR



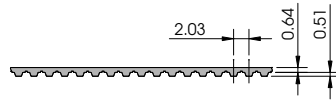
**Ordering example: BRECOFLEX Timing Belt 50 ATP15 / 3900 BFX**



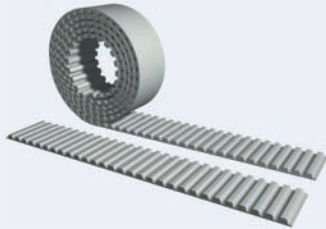
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**MXL=.080**  
(2.032mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

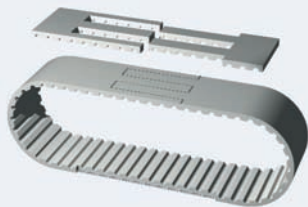
in inch:	0.157	0.236	0.394	0.630
in mm:	4	6	10	16

**max. length** in mm: 15,000 12,000 8,000 5,000

**Ordering example:**

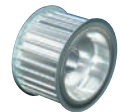
**BRECO Timing Belt** 10 MXL / 8000 M or 3150 MXL 039 M

Belt Width	_____	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____	_____	_____



### SPLICED AND WELDED ENDLESS – V

– not recommended as welded endless, see page 51  
for MXL truly endless SFX –

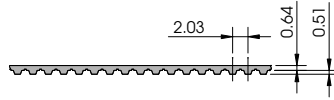


Pulleys  
page 168

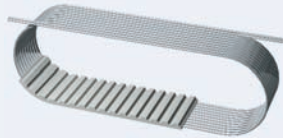
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**MXL=.080**  
(2.032mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	0.157	0.236	0.394	0.472	0.630	0.787	0.984	1.260	1.969	3.937
in mm:	4	6	10	12	16	20	25	32	50	100

Length/Pitch Code	Length in mm	Number of Teeth
44 MXL	111.76	55
45 MXL	113.79	56
48 MXL	121.92	60
52 MXL	132.08	65
56 MXL	142.24	70
57 MXL	144.27	71
64 MXL	162.56	80
72 MXL	182.88	90
78 MXL	197.10	97
80 MXL	203.20	100
82 MXL	209.30	103
84 MXL	213.36	105
96 MXL	243.84	120

Length/Pitch Code	Length in mm	Number of Teeth
101 MXL	256.03	126
104 MXL	264.16	130
112 MXL	284.48	140
120 MXL	304.80	150
140 MXL	355.60	175
147 MXL	373.89	184
177 MXL	449.07	221
198 MXL	503.94	248
205 MXL	520.19	256
236 MXL	599.44	295
288 MXL	731.52	360
464 MXL	1178.56	580

**Ordering example:**

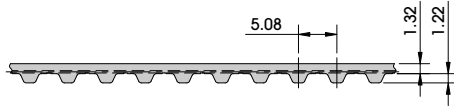
**TRULY ENDLESS** Timing Belt 10 MXL / 256 SFX or 101 MXL 39 SFX

Belt Width	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____
Truly Endless Length Code SFX	_____	_____	_____	_____	_____	_____

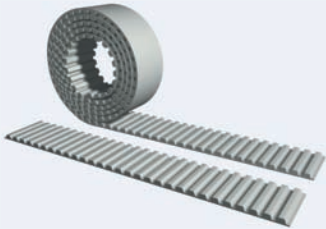
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**XL=T1/5"**  
(5.08mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
in inch: 0.25 0.313 0.375 0.5 0.75 1.0  
in mm: 6.35 7.94 9.53 12.7 19.05 25.4

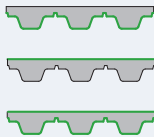
**Lengths:** Any length available – Stock Rolls: 50 meters (164 feet)

**Ordering example:**

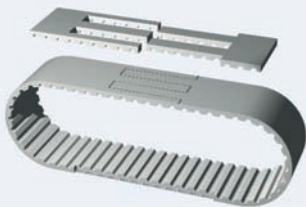
**BRECO Timing Belt** 25.4 T1/5" / 2540 M or 1000 XL 100 M

Available Options (page 149):

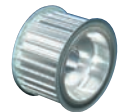
- PAZ
- PAR
- PAZ-PAR



Belt Width	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____	_____



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
in inch: 0.375 0.5 0.75 1.0  
in mm: 9.53 12.7 19.05 25.4

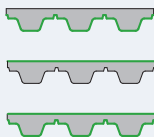
**Lengths:** Minimum Joined Length: 878.84 mm (34.6 inches)  
Length of timing belt can be specified in one tooth increments

**Ordering example:**

**BRECO Timing Belt** 25.4 T1/5" / 2540 V or 1000 XL 100 V

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

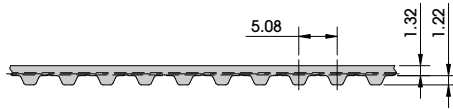


Belt Width	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____
Joined Length Code V	_____	_____	_____	_____	_____	_____

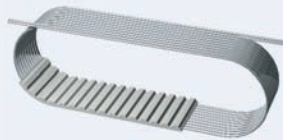
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**XL=T1/5"**  
(5.08mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	0.25	0.313	0.375	0.5	0.75	1.0	1.5	2.0	3.0	4.0
in mm:	6.35	7.94	9.53	12.7	19.05	25.4	38.1	50.8	76.2	101.6

Length/Pitch Code	Length in mm	Number of Teeth
60 XL	152.4	30
70 XL	177.8	35
80 XL	203.2	40
90 XL	228.6	45
100 XL	254.0	50
110 XL	279.4	55
120 XL	304.8	60
130 XL	330.2	65
140 XL	355.6	70
150 XL	381.0	75
160 XL	406.4	80

Length/Pitch Code	Length in mm	Number of Teeth
170 XL	431.8	85
180 XL	457.2	90
190 XL	482.6	95
200 XL	508.0	100
210 XL	533.4	105
220 XL	558.8	110
230 XL	584.2	115
240 XL	609.6	120
250 XL	635.0	125
260 XL	660.4	130

**Ordering example:**

**BRECOFLEX** Timing Belt 25.4 T1/5" / 508 BFX or 200 XL 100 BFX

Belt Width	_____
Pitch	_____
Length	_____
Truly Endless Length Code BFX	_____

**Available Options (page 149):**

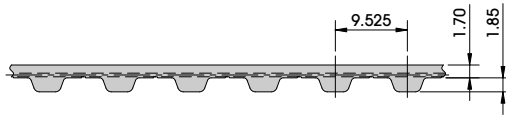
- PAZ



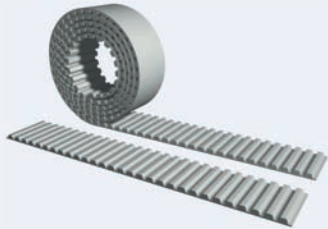
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**L=T3/8"**  
(9.525mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
in inch: 0.375 0.5 0.75 1.0 1.5 2.0 3.0  
in mm: 9.53 12.7 19.05 25.4 38.1 50.8 76.2

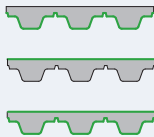
**Lengths:** Any length available – Stock Rolls: 50 meters (164 feet)

**Ordering example:**

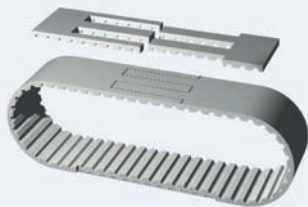
**BRECO Timing Belt** 25.4 T3/8" / 762 M or 300 L 100 M

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



Belt Width	_____	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____	_____	_____



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
in inch: 0.375 0.5 0.75 1.0 1.5 2.0 3.0  
in mm: 9.53 12.7 19.05 25.4 38.1 50.8 76.2

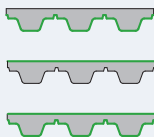
**Lengths:** Minimum Joined Length: 752.5 mm (29.6 inches)  
Length of timing belt can be specified in one tooth increments

**Ordering example:**

**BRECO Timing Belt** 25.4 T3/8" / 762 V or 300 L 100 V

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

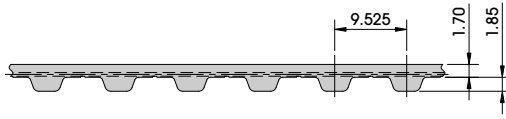


Belt Width	_____	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____	_____
Joined Length Code V	_____	_____	_____	_____	_____	_____	_____

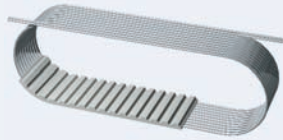
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**L=T3/8"**  
(9.525mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

in inch:	0.375	0.5	0.75	1.0	1.5	2.0	3.0	4.0
in mm:	9.53	12.7	19.1	25.4	38.1	50.8	76.2	101.6

Length/Pitch Code	Length in mm	Number of Teeth
124 L	314.33	33
150 L	381.00	40
187 L	476.25	50
202 L	514.35	54
210 L	533.40	56
225 L	571.50	60
240 L	609.60	64
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

Length/Pitch Code	Length in mm	Number of Teeth
390 L	990.60	104
420 L	1066.80	112
450 L	1143.00	120
480 L	1219.20	128
540 L	1371.60	144
570 L	1447.80	152
600 L	1524.00	160
630 L	1600.20	168
660 L	1676.40	176
705 L	1790.70	188
750 L	1905.00	200
1102 L	2800.35	294
2002 L	5086.35	534
3000 L	7620.00	800

Further lengths up to 14,992.35 mm (590.25 inches) available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 723.9 mm (28.5 inches).

**Ordering example:**

**BRECOFLEX** Timing Belt 25.4 T3/8" / 762 BFX or 300 L 100 BFX

Belt Width	_____
Pitch	_____
Length	_____
Truly Endless Length Code BFX	_____

**Available Options (page 149):**

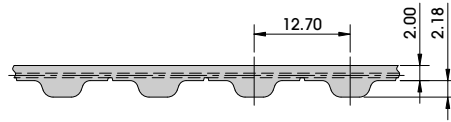
- PAZ



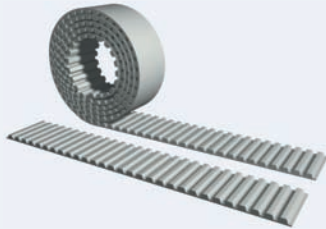
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**H=T1/2"**  
(12.7mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

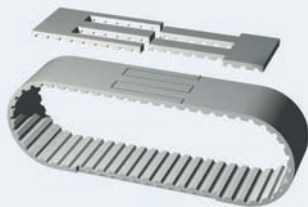
**Widths:** Standard Belt Widths (in between widths available):  
 in inch: 0.5 0.75 1.0 1.5 2.0 3.0 4.0 6.0  
 in mm: 12.7 19.05 25.4 38.1 50.8 76.2 101.6 152.4

**Lengths:** Any length available – Stock Rolls: 50 meters (164 feet)

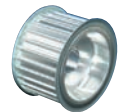
#### Ordering example:

**BRECO Timing Belt** 50.8 T1/2" / 2032 M or 800 H 200 M

Belt Width	_____	_____	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____	_____	_____	_____



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DL 
- DR 

**Widths:** Standard Belt Widths (in between widths available):  
 in inch: 0.5 0.75 1.0 1.5 2.0 3.0 4.0 6.0  
 in mm: 12.7 19.05 25.4 38.1 50.8 76.2 101.6 152.4

**Lengths:** Minimum Joined Length: 876.3 mm (34.5 inches)  
 Length of timing belt can be specified in one tooth increments

#### Ordering example:

**BRECO Timing Belt** 50.8 T1/2" / 2032 V or 800 H 200 V

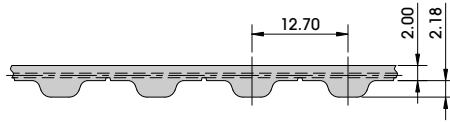
Belt Width	_____	_____	_____	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____	_____	_____	_____
Joined Length Code V	_____	_____	_____	_____	_____	_____	_____	_____



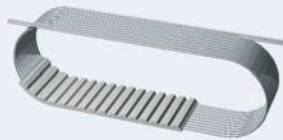
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**H=T 1/2"**  
(12.7mm)



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	0.5	0.75	1.0	1.5	2.0	3.0	4.0
in mm:	12.7	19.05	25.4	38.1	50.8	76.2	101.6

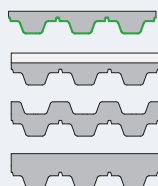
Length/Pitch Code	Length in mm	Number of Teeth
285 H	723.9	57
300 H	762.0	60
315 H	800.1	63
330 H	838.2	66
345 H	876.3	69
360 H	914.4	72
375 H	952.5	75
390 H	990.6	78
405 H	1028.7	81
420 H	1066.8	84
450 H	1143.0	90
480 H	1219.2	96
510 H	1295.4	102
540 H	1371.6	108
570 H	1447.8	114
600 H	1524.0	120

Length/Pitch Code	Length in mm	Number of Teeth
630 H	1600.2	126
660 H	1676.4	132
700 H	1778.0	140
750 H	1905.0	150
800 H	2032.0	160
850 H	2159.0	170
900 H	2286.0	180
1000 H	2540.0	200
1100 H	2794.0	220
1250 H	3175.0	250
1400 H	3556.0	280
1700 H	4318.0	340
2000 H	5080.0	400
2300 H	5842.0	460
2600 H	6604.0	520
3000 H	7620.0	600

Further lengths up to 16,002.00 mm (630 inches) available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 723.9 mm (28.5 inches).

**Available Options (page 149):**

- PAZ
- T-Cover
- DL
- DR



**Ordering example:**

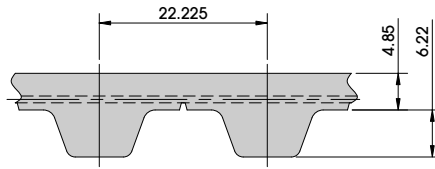
**BRECOFLEX** Timing Belt 50.8 T 1/2" / 1905 BFX or 750 H 200 BFX

Belt Width	_____
Pitch	_____
Length	_____
Truly Endless Length Code BFX	_____

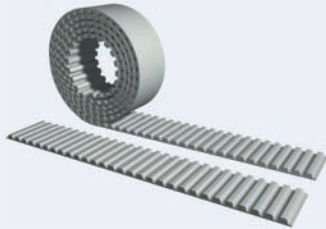
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**XH=T7/8"**  
(22.225mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	1.0	1.5	2.0	3.0	4.0
in mm:	25.4	38.1	50.8	76.2	101.6

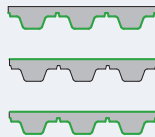
**Lengths:** Any length available – Stock Rolls: 50 meters (164 feet)

**Ordering example:**

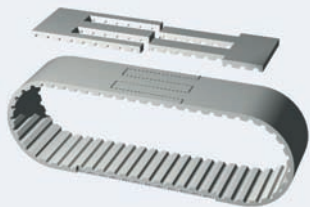
**BRECO Timing Belt** 50.8 T7/8" / 1778 M or 700 XH 200 M

Available Options (page 149):

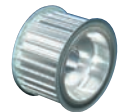
- PAZ
- PAR
- PAZ-PAR



Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	1.0	1.5	2.0	3.0	4.0
in mm:	25.4	38.1	50.8	76.2	101.6

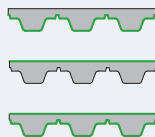
**Lengths:** Minimum Joined Length: 889 mm (35 inches)  
Length of timing belt can be specified in one tooth increments

**Ordering example:**

**BRECO Timing Belt** 50.8 T7/8" / 1778 V or 700 XH 200 V

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

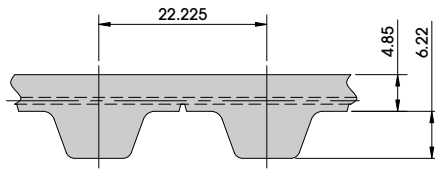


Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Joined Length Code V	_____	_____	_____	_____	_____

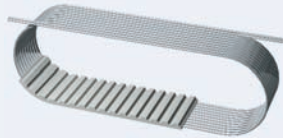
# POLYURETHANE TIMING BELTS

## IMPERIAL-SERIES

**XH=T7/8"**  
(22.225mm)



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	0.75	1.0	1.5	2.0	3.0	4.0
in mm:	19.05	25.4	38.1	50.8	76.2	101.6

Length/Pitch Code	Length in mm	Number of Teeth
560 XH	1422.4	64
630 XH	1600.2	72
700 XH	1778.0	80
770 XH	1955.8	88
840 XH	2133.6	96
980 XH	2489.2	112
1120 XH	2844.8	128
1260 XH	3200.4	144

Length/Pitch Code	Length in mm	Number of Teeth
1400 XH	3556.0	160
1540 XH	3911.6	176
1750 XH	4445.0	200
1960 XH	4978.4	224
2275 XH	5778.5	260
2450 XH	6223.0	280
3500 XH	8890.0	400

Further lengths up to 16,002.0 mm (630 inches) available.  
Length of belt can be increased in increments of one tooth from minimum length of 1,422.4 mm (56 inches).

**Ordering example:**

**BRECOFLEX Timing Belt** 50.8 T7/8" / 1778 BFX or 700 XH 200 BFX

**Available Options (page 149):**

- PAZ

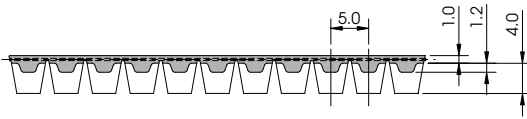


Belt Width	_____
Pitch	_____
Length	_____
Truly endless length BFX	_____

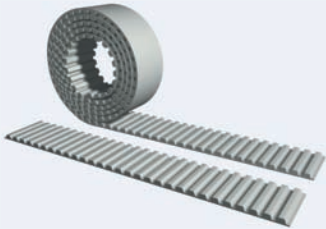
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

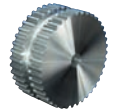
### TK5 K6



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

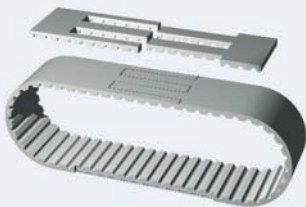
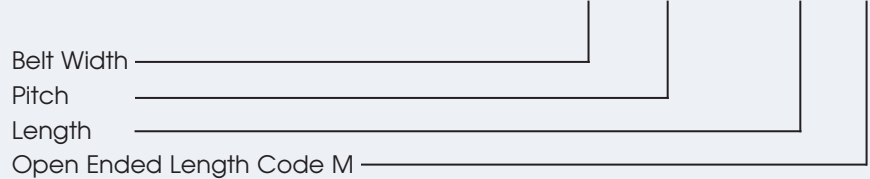
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50

**Lengths:** Any length available – Stock Rolls: 50 meters

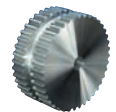
**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 

**Ordering example:** BRECO Timing Belt 50 TK5 K6 / 4000 M



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

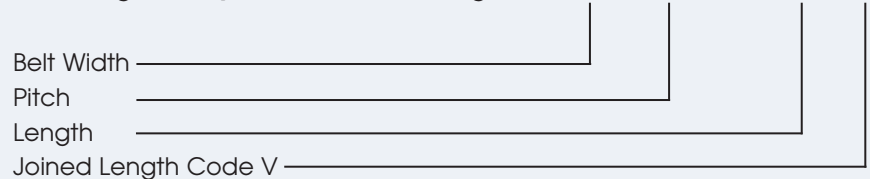
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50

**Lengths:** Minimum Joined Length: 1000 mm  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

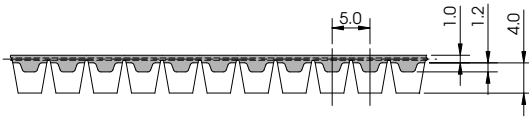
- PAZ 
- PAR 
- PAZ-PAR 

**Ordering example:** BRECO Timing Belt 50 TK5 K6 / 4000 V

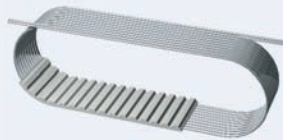


## SELF-TRACKING-SERIES

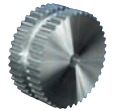
# TK5 K6



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
TK5 K6 / 1075 BFX	215	TK5 K6 / 2240 BFX	448	TK5 K6 / 4500 BFX	900
TK5 K6 / 1100 BFX	220	TK5 K6 / 2360 BFX	472	TK5 K6 / 4750 BFX	950
TK5 K6 / 1215 BFX	243	TK5 K6 / 2500 BFX	500	TK5 K6 / 5000 BFX	1000
TK5 K6 / 1380 BFX	276	TK5 K6 / 2650 BFX	530	TK5 K6 / 5300 BFX	1060
TK5 K6 / 1400 BFX	280	TK5 K6 / 2800 BFX	560	TK5 K6 / 5600 BFX	1120
TK5 K6 / 1500 BFX	300	TK5 K6 / 3000 BFX	600	TK5 K6 / 6000 BFX	1200
TK5 K6 / 1600 BFX	320	TK5 K6 / 3150 BFX	630	TK5 K6 / 6300 BFX	1260
TK5 K6 / 1700 BFX	340	TK5 K6 / 3350 BFX	670	TK5 K6 / 6700 BFX	1340
TK5 K6 / 1800 BFX	360	TK5 K6 / 3550 BFX	710	TK5 K6 / 7100 BFX	1420
TK5 K6 / 1900 BFX	380	TK5 K6 / 3750 BFX	750	TK5 K6 / 7500 BFX	1500
TK5 K6 / 2000 BFX	400	TK5 K6 / 4000 BFX	800		
TK5 K6 / 2120 BFX	424	TK5 K6 / 4450 BFX	850		

Further lengths up to 15,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.  
Except 1,075 mm minimum length for widths > 75 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 TK5 K6 / 5300 BFX**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

**Available Options (page 149):**

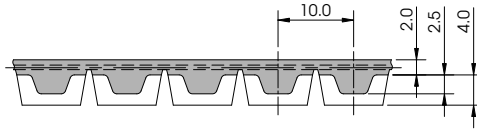
- PAZ



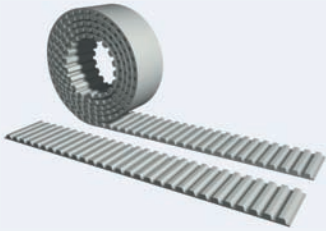
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

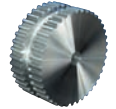
### TK10 K6



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

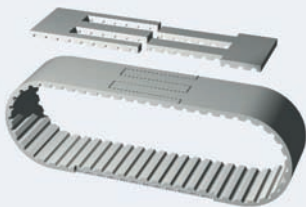
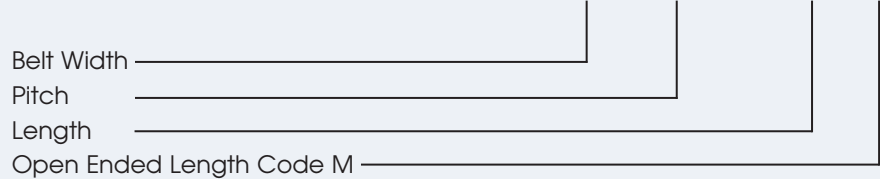
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 50

**Lengths:** Any length available – Stock Rolls: 50 meters

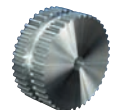
Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt **50** **TK10 K6** / **4000** **M**



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

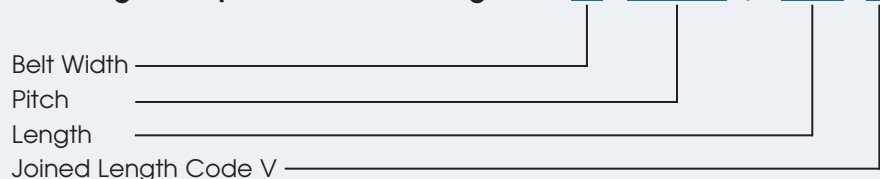
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 50

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

Available Options (page 149):

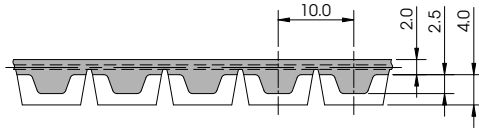
- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt **50** **TK10 K6** / **4000** **V**

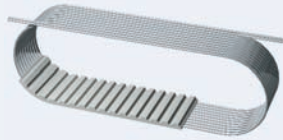


## SELF-TRACKING-SERIES

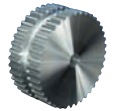
# TK10 K6



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
TK10 K6 / 1080 BFX	108	TK10 K6 / 1750 BFX	175	TK10 K6 / 4000 BFX	400
TK10 K6 / 1150 BFX	115	TK10 K6 / 1780 BFX	178	TK10 K6 / 4250 BFX	425
TK10 K6 / 1210 BFX	121	TK10 K6 / 1880 BFX	188	TK10 K6 / 4500 BFX	450
TK10 K6 / 1240 BFX	124	TK10 K6 / 1960 BFX	196	TK10 K6 / 4750 BFX	475
TK10 K6 / 1250 BFX	125	TK10 K6 / 2250 BFX	225	TK10 K6 / 5000 BFX	500
TK10 K6 / 1320 BFX	132	TK10 K6 / 2360 BFX	236	TK10 K6 / 5300 BFX	530
TK10 K6 / 1350 BFX	135	TK10 K6 / 2500 BFX	250	TK10 K6 / 5600 BFX	560
TK10 K6 / 1390 BFX	139	TK10 K6 / 2650 BFX	265	TK10 K6 / 6000 BFX	600
TK10 K6 / 1400 BFX	140	TK10 K6 / 2800 BFX	280	TK10 K6 / 6300 BFX	630
TK10 K6 / 1420 BFX	142	TK10 K6 / 3000 BFX	300	TK10 K6 / 6700 BFX	670
TK10 K6 / 1460 BFX	146	TK10 K6 / 3100 BFX	310	TK10 K6 / 7100 BFX	710
TK10 K6 / 1500 BFX	150	TK10 K6 / 3150 BFX	315	TK10 K6 / 7500 BFX	750
TK10 K6 / 1560 BFX	156	TK10 K6 / 3350 BFX	335	TK10 K6 / 8000 BFX	800
TK10 K6 / 1610 BFX	161	TK10 K6 / 3750 BFX	375	TK10 K6 / 9000 BFX	900

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.  
Except 1,080 mm minimum length for widths > 50 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 TK10 K6 / 5300 BFX**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_

**Available Options (page 149):**

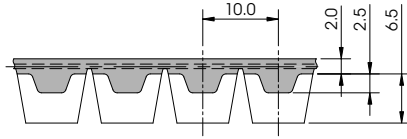
- PAZ



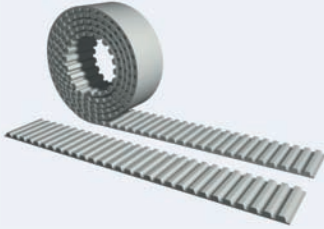
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

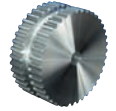
### TK10 K13



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M







Pulleys  
page 168

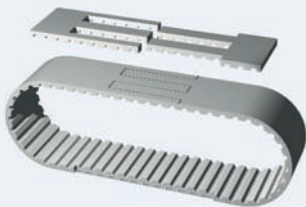
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

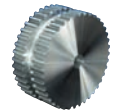
**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:** BRECO Timing Belt 50 TK10 K13 / 4000 M



### SPLICED AND WELDED ENDLESS – V






Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:** BRECO Timing Belt 50 TK10 K13 / 4000 V

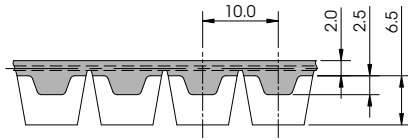




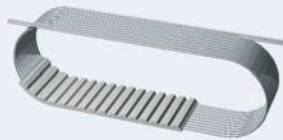
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

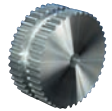
# TK10 K13



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
TK10 K13 / 1080 BFX	108	TK10 K13 / 1750 BFX	175	TK10 K13 / 4000 BFX	400
TK10 K13 / 1150 BFX	115	TK10 K13 / 1780 BFX	178	TK10 K13 / 4250 BFX	425
TK10 K13 / 1210 BFX	121	TK10 K13 / 1880 BFX	188	TK10 K13 / 4500 BFX	450
TK10 K13 / 1240 BFX	124	TK10 K13 / 1960 BFX	196	TK10 K13 / 4750 BFX	475
TK10 K13 / 1250 BFX	125	TK10 K13 / 2250 BFX	225	TK10 K13 / 5000 BFX	500
TK10 K13 / 1320 BFX	132	TK10 K13 / 2360 BFX	236	TK10 K13 / 5300 BFX	530
TK10 K13 / 1350 BFX	135	TK10 K13 / 2500 BFX	250	TK10 K13 / 5600 BFX	560
TK10 K13 / 1390 BFX	139	TK10 K13 / 2650 BFX	265	TK10 K13 / 6000 BFX	600
TK10 K13 / 1400 BFX	140	TK10 K13 / 2800 BFX	280	TK10 K13 / 6300 BFX	630
TK10 K13 / 1420 BFX	142	TK10 K13 / 3000 BFX	300	TK10 K13 / 6700 BFX	670
TK10 K13 / 1460 BFX	146	TK10 K13 / 3100 BFX	310	TK10 K13 / 7100 BFX	710
TK10 K13 / 1500 BFX	150	TK10 K13 / 3150 BFX	315	TK10 K13 / 7500 BFX	750
TK10 K13 / 1560 BFX	156	TK10 K13 / 3350 BFX	335	TK10 K13 / 8000 BFX	800
TK10 K13 / 1610 BFX	161	TK10 K13 / 3750 BFX	375	TK10 K13 / 9000 BFX	900

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,200 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 TK10 K13 / 5300 BFX**



**Available Options (page 149):**

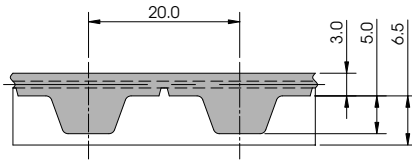
- PAZ



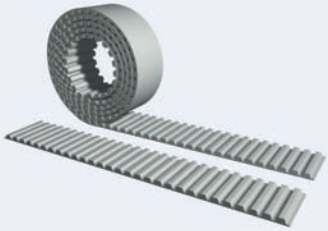
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

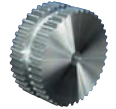
### TK20 K13



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

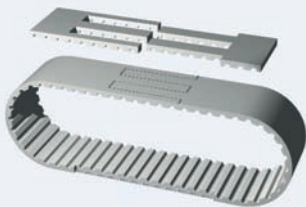
**Widths:** Standard Belt Widths in mm (in between widths available):  
 32 50 75 100 150

**Lengths:** Any length available – Stock Rolls: 50 meters

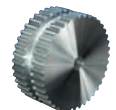
**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DR 

**Ordering example:** BRECO Timing Belt 75 TK20 K13 / 4000 M



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 32 50 75 100 150

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 
- DR 

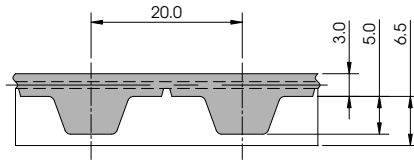
**Ordering example:** BRECO Timing Belt 75 TK20 K13 / 4000 V



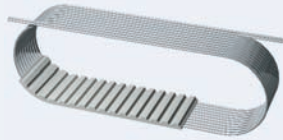
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

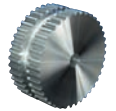
# TK20 K13



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



## TRULY ENDLESS - BFX



Pulleys  
page 168

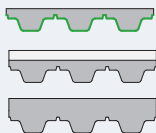
**Widths:** Standard Belt Widths in mm (in between widths available):  
 32 50 75 100 150

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
TK20 K13 / 1260 BFX	63	TK20 K13 / 2500 BFX	125	TK20 K13 / 4500 BFX	225
TK20 K13 / 1460 BFX	73	TK20 K13 / 2600 BFX	130	TK20 K13 / 4760 BFX	238
TK20 K13 / 1500 BFX	75	TK20 K13 / 2660 BFX	133	TK20 K13 / 5000 BFX	250
TK20 K13 / 1600 BFX	80	TK20 K13 / 2800 BFX	140	TK20 K13 / 5300 BFX	265
TK20 K13 / 1700 BFX	85	TK20 K13 / 3000 BFX	150	TK20 K13 / 5600 BFX	280
TK20 K13 / 1780 BFX	89	TK20 K13 / 3100 BFX	155	TK20 K13 / 6000 BFX	300
TK20 K13 / 1800 BFX	90	TK20 K13 / 3160 BFX	158	TK20 K13 / 6300 BFX	315
TK20 K13 / 1880 BFX	94	TK20 K13 / 3360 BFX	168	TK20 K13 / 6700 BFX	335
TK20 K13 / 1900 BFX	95	TK20 K13 / 3560 BFX	178	TK20 K13 / 7100 BFX	355
TK20 K13 / 2000 BFX	100	TK20 K13 / 3620 BFX	181	TK20 K13 / 7500 BFX	375
TK20 K13 / 2120 BFX	106	TK20 K13 / 3760 BFX	188	TK20 K13 / 8000 BFX	400
TK20 K13 / 2240 BFX	112	TK20 K13 / 4000 BFX	200	TK20 K13 / 8500 BFX	425
TK20 K13 / 2360 BFX	118	TK20 K13 / 4260 BFX	213	TK20 K13 / 9000 BFX	450

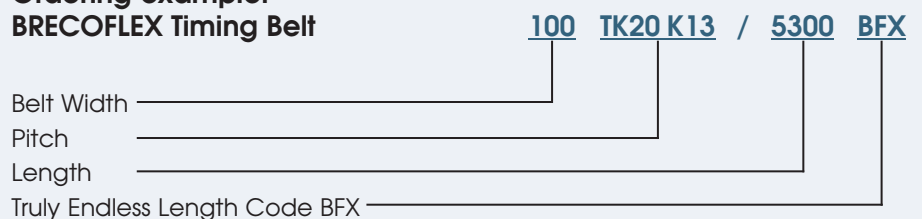
Further lengths up to 20,000 mm available.  
 Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

### Available Options (page 149):

- PAZ
- T-Cover
- DR



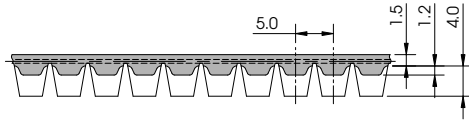
### Ordering example: BRECOFLEX Timing Belt



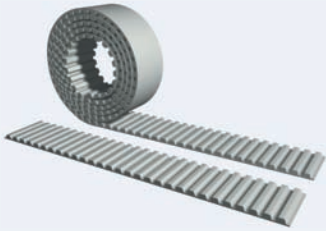
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

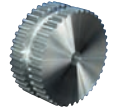
### ATK5 K6



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50

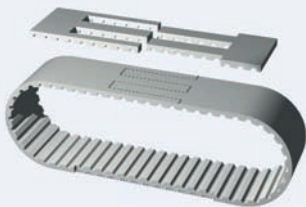
**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

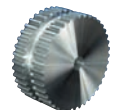
- PAZ 
- PAR 
- PAZ-PAR 

**Ordering example:** BRECO Timing Belt 50 ATK5 K6 / 4000 M

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

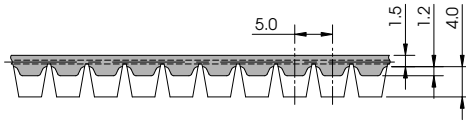
**Ordering example:** BRECO Timing Belt 50 ATK5 K6 / 4000 V

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_

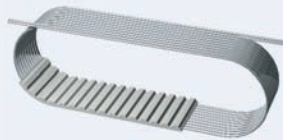
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

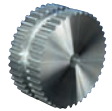
# ATK5 K6



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

25    32    50    75    100

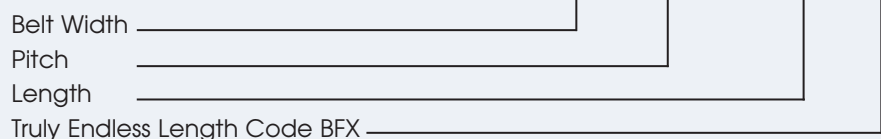
Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
ATK5 K6 / 1075 BFX	215	ATK5 K6 / 2240 BFX	448	ATK5 K6 / 4500 BFX	900
ATK5 K6 / 1100 BFX	220	ATK5 K6 / 2360 BFX	472	ATK5 K6 / 4750 BFX	950
ATK5 K6 / 1215 BFX	243	ATK5 K6 / 2500 BFX	500	ATK5 K6 / 5000 BFX	1000
ATK5 K6 / 1380 BFX	276	ATK5 K6 / 2650 BFX	530	ATK5 K6 / 5300 BFX	1060
ATK5 K6 / 1400 BFX	280	ATK5 K6 / 2800 BFX	560	ATK5 K6 / 5600 BFX	1120
ATK5 K6 / 1500 BFX	300	ATK5 K6 / 3000 BFX	600	ATK5 K6 / 6000 BFX	1200
ATK5 K6 / 1600 BFX	320	ATK5 K6 / 3150 BFX	630	ATK5 K6 / 6300 BFX	1260
ATK5 K6 / 1700 BFX	340	ATK5 K6 / 3350 BFX	670	ATK5 K6 / 6700 BFX	1340
ATK5 K6 / 1800 BFX	360	ATK5 K6 / 3550 BFX	710	ATK5 K6 / 7100 BFX	1420
ATK5 K6 / 1900 BFX	380	ATK5 K6 / 3750 BFX	750	ATK5 K6 / 7500 BFX	1500
ATK5 K6 / 2000 BFX	400	ATK5 K6 / 4000 BFX	800		
ATK5 K6 / 2120 BFX	424	ATK5 K6 / 4250 BFX	850		

Further lengths up to 15,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,075 mm.

### Ordering example:

**BRECOFLEX Timing Belt**

**50 ATK5 K6 / 5300 BFX**



**Available Options (page 149):**

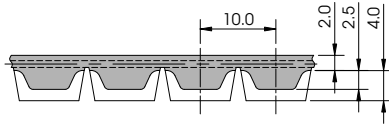
- PAZ



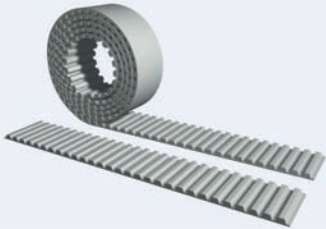
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

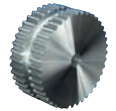
### ATK10 K6



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



#### OPEN ENDED – M



Pulleys  
page 168

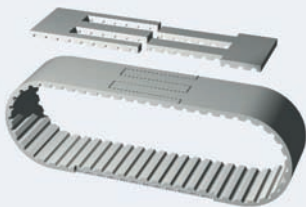
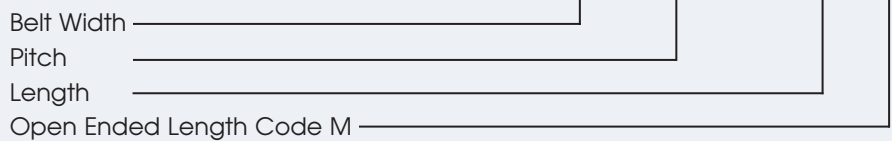
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 50

**Lengths:** Any length available – Stock Rolls: 50 meters

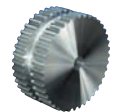
Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt 50 ATK10 K6 / 4000 M



#### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

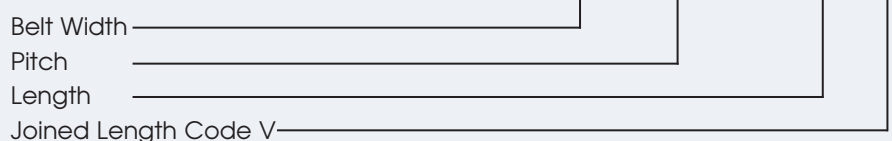
**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 50

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

Available Options (page 149):

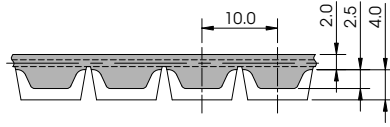
- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt 50 ATK10 K6 / 4000 V

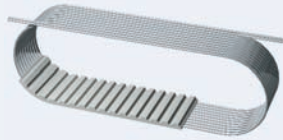


## SELF-TRACKING-SERIES

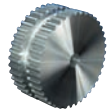
# ATK10 K6



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
ATK10 K6 / 1500 BFX	150	ATK10 K6 / 2650 BFX	265	ATK10 K6 / 4750 BFX	475
ATK10 K6 / 1600 BFX	160	ATK10 K6 / 2800 BFX	280	ATK10 K6 / 5000 BFX	500
ATK10 K6 / 1700 BFX	170	ATK10 K6 / 3000 BFX	300	ATK10 K6 / 5300 BFX	530
ATK10 K6 / 1800 BFX	180	ATK10 K6 / 3150 BFX	315	ATK10 K6 / 5600 BFX	560
ATK10 K6 / 1900 BFX	190	ATK10 K6 / 3350 BFX	335	ATK10 K6 / 6000 BFX	600
ATK10 K6 / 2000 BFX	200	ATK10 K6 / 3550 BFX	355	ATK10 K6 / 6300 BFX	630
ATK10 K6 / 2120 BFX	212	ATK10 K6 / 3750 BFX	375	ATK10 K6 / 6700 BFX	670
ATK10 K6 / 2240 BFX	224	ATK10 K6 / 4000 BFX	400	ATK10 K6 / 7100 BFX	710
ATK10 K6 / 2360 BFX	236	ATK10 K6 / 4250 BFX	425	ATK10 K6 / 7500 BFX	750
ATK10 K6 / 2500 BFX	250	ATK10 K6 / 4500 BFX	450	ATK10 K6 / 8000 BFX	800

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 720 mm.  
Except 1,080 mm minimum length for widths > 50 mm.

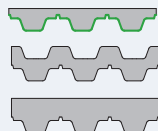
### Ordering example:

**BRECOFLEX** Timing Belt

**50** **ATK10 K6** / **5300** **BFX**

### Available Options (page 149):

- PAZ
- DL
- DR



Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

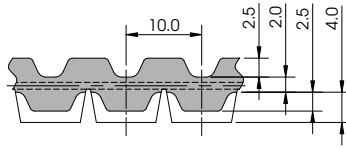
Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

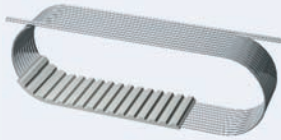
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

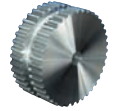
# ATK10 K6-DL



STEEL Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
ATK10 K6 / 1500 BFX DL	150	ATK10 K6 / 2650 BFX DL	265	ATK10 K6 / 4750 BFX DL	475
ATK10 K6 / 1600 BFX DL	160	ATK10 K6 / 2800 BFX DL	280	ATK10 K6 / 5000 BFX DL	500
ATK10 K6 / 1700 BFX DL	170	ATK10 K6 / 3000 BFX DL	300	ATK10 K6 / 5300 BFX DL	530
ATK10 K6 / 1800 BFX DL	180	ATK10 K6 / 3150 BFX DL	315	ATK10 K6 / 5600 BFX DL	560
ATK10 K6 / 1900 BFX DL	190	ATK10 K6 / 3350 BFX DL	335	ATK10 K6 / 6000 BFX DL	600
ATK10 K6 / 2000 BFX DL	200	ATK10 K6 / 3550 BFX DL	355	ATK10 K6 / 6300 BFX DL	630
ATK10 K6 / 2120 BFX DL	212	ATK10 K6 / 3750 BFX DL	375	ATK10 K6 / 6700 BFX DL	670
ATK10 K6 / 2240 BFX DL	224	ATK10 K6 / 4000 BFX DL	400	ATK10 K6 / 7100 BFX DL	710
ATK10 K6 / 2360 BFX DL	236	ATK10 K6 / 4250 BFX DL	425	ATK10 K6 / 7500 BFX DL	750
ATK10 K6 / 2500 BFX DL	250	ATK10 K6 / 4500 BFX DL	450	ATK10 K6 / 8000 BFX DL	800

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Ordering example:**  
BRECOFLEX Timing Belt

**50 ATK10 K6 / 5300 BFX DL**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

Double Sided \_\_\_\_\_

Available Options (page 149):

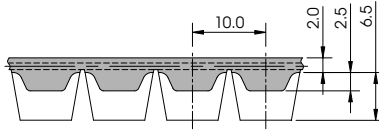
- PAZ



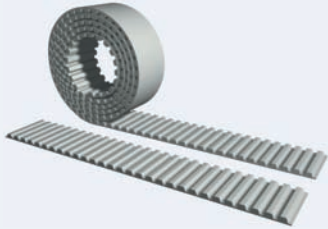


## SELF-TRACKING-SERIES

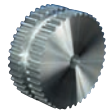
# ATK10 K13



**STEEL** Tension Member — standard



### OPEN ENDED – M







Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 32 50 75 100 150

**Lengths:** Any length available – Stock Rolls: 50 meters

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

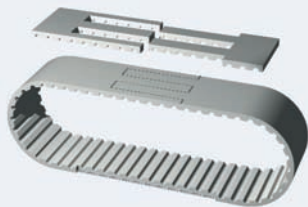
**Ordering example:** BRECO Timing Belt 50 ATK10 K13 / 4000 M

Belt Width \_\_\_\_\_

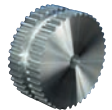
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V







Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 32 50 75 100 150

**Lengths:** Minimum Joined Length: 1,000 mm  
Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:** BRECO Timing Belt 50 ATK10 K13 / 4000 V

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

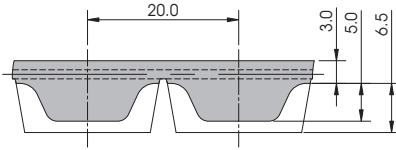
Length \_\_\_\_\_

Joined Length Code V \_\_\_\_\_

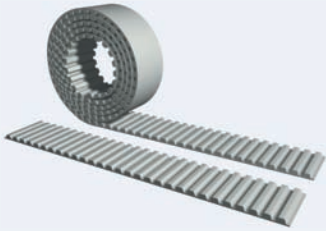
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

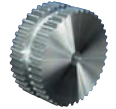
# ATK20 K13



STEEL Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

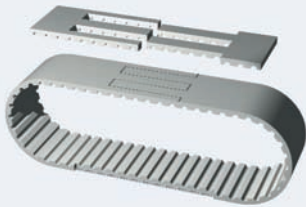
**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

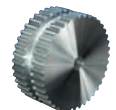
- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt 75 ATK20 K13 / 4000 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

**Lengths:** Minimum Joined Length: 1,000 mm  
Length of timing belt can be specified in one tooth increments

Available Options (page 149):

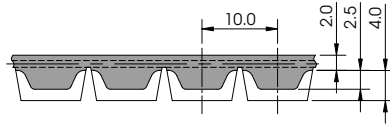
- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt 75 ATK20 K13 / 4000 V

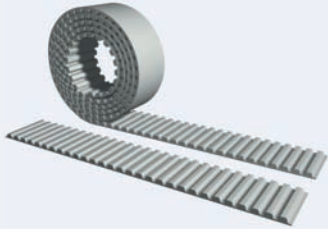
Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

## SELF-TRACKING-SERIES

### ATN10 K6



STEEL Tension Member — standard

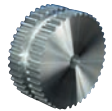


For more technical information please see catalog **B209 "ATN®-Convertible Timing Belt System"**

#### Available Options (page 149):

- PAZ (white) 
- PAR (green) 
- PAZ-PAR (white-green) 

### OPEN ENDED – M



Pulleys  
page 168

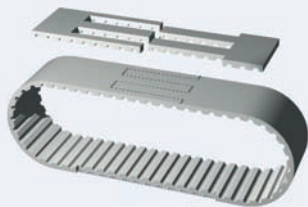
**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

Note: Location of self-tracking guide always 25 mm from belt edge

**Lengths:** Any length available – Stock Rolls: 50 meters



**Ordering example:** BRECO Timing Belt 75 ATN10 K6 / 4000 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_

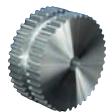


For more technical information please see catalog **B209 "ATN®-Convertible Timing Belt System"**

#### Available Options (page 149):

- PAZ (white) 
- PAR (green) 
- PAZ-PAR (white-green) 

### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

Note: Location of self-tracking guide always 25 mm from belt edge

**Lengths:** Minimum Joined Length: 1,000 mm  
Length of timing belt can be specified in one tooth increments

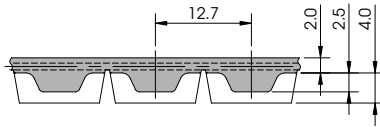
**Ordering example:** BRECO Timing Belt 75 ATN10 K6 / 4000 V

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

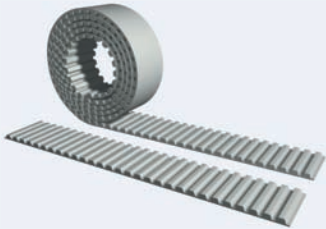
# POLYURETHANE TIMING BELTS

## SELF-TRACKING-SERIES

### ATN 12.7 K6



STEEL Tension Member — standard

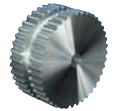


For more technical information please see catalog **B209 "ATN®-Convertible Timing Belt System"**

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

### OPEN ENDED – M



Pulleys  
page 168

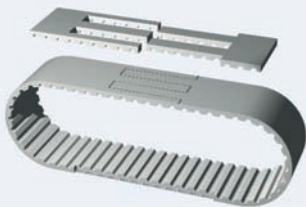
**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

Note: Location of self-tracking guide always 25 mm from belt edge

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt 75 ATN12.7 K6 / 3810 M

Belt Width	_____
Pitch	_____
Length	_____
Open Ended Length Code M	_____

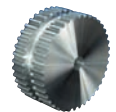


For more technical information please see catalog **B209 "ATN®-Convertible Timing Belt System"**

#### Available Options (page 149):

- **PAZ** (white) 
- **PAR** (green) 
- **PAZ-PAR** (white-green) 

### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
50 75 100

Note: Location of self-tracking guide always 25 mm from belt edge

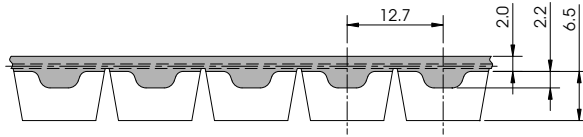
**Lengths:** Minimum Joined Length: 990.6 mm  
Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt 75 ATN12.7 K6 / 3810 V

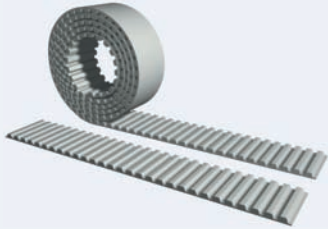
Belt Width	_____
Pitch	_____
Length	_____
Joined Length Code V	_____

## SELF-TRACKING-SERIES

### HK13



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M







Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
 in inch: 1.0 1.5 2.0 3.0 4.0  
 in mm: 25.4 38.1 50.8 76.2 101.6

**Lengths:** Any length available – Stock Rolls: 50 meters (164 feet)

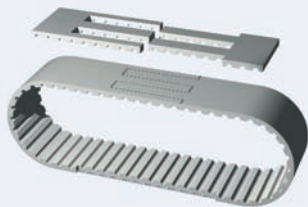
**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:**

**BRECO Timing Belt** 50.8 HK13 / 2032 M or 800 HK13 200 M

Belt Width	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pitch	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Length	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Open Ended Length Code M	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



### SPLICED AND WELDED ENDLESS – V







Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):  
 in inch: 1.0 1.5 2.0 3.0 4.0  
 in mm: 25.4 38.1 50.8 76.2 101.6

**Lengths:** Minimum Joined Length: 990.6 mm (39 inches)  
 Length of timing belt can be specified in one tooth increments

**Available Options (page 149):**

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:**

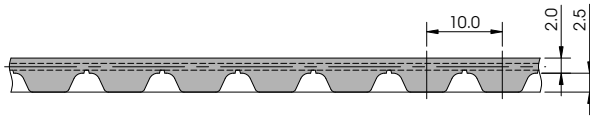
**BRECO Timing Belt** 50.8 HK13 / 2032 V or 800 HK13 200 V

Belt Width	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pitch	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Length	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Joined Length Code V	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

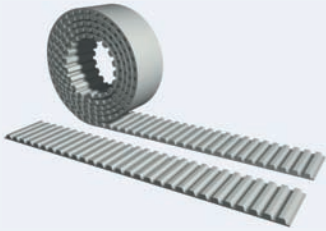
# POLYURETHANE TIMING BELTS

## ARC-POWER SELF-TRACKING-SERIES

### BAT10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



For more technical information  
 please see catalog  
**B217 “ARC-POWER® TECHNOLOGY”**

### OPEN ENDED – M




Pulleys  
 page 168

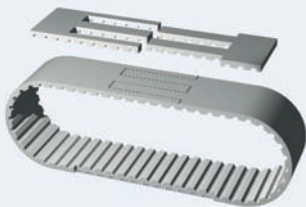
**Widths:** Standard Belt Widths in mm:  
 25 32 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:** BRECO Timing Belt **75** **BAT10** / **4500** **M**



For more technical information  
 please see catalog  
**B217 “ARC-POWER® TECHNOLOGY”**

### SPLICED AND WELDED ENDLESS – V







Pulleys  
 page 168

**Widths:** Standard Belt Widths in mm:  
 25 32 50 75 100

**Lengths:** Minimum Joined Length: 880 mm  
 Length of timing belt can be specified in one tooth  
 increments

#### Available Options (page 149):

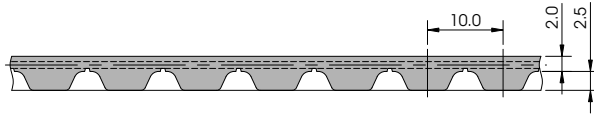
- PAZ 
- PAR 
- PAZ-PAR 
- T-Cover 

**Ordering example:** BRECO Timing Belt **75** **BAT10** / **4500** **V**

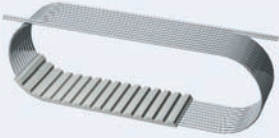


## ARC-POWER SELF-TRACKING-SERIES

# BAT10



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm:  
25 32 50 75 100

Pitch/Length Version	Number of Teeth
BAT10 / 1100 BFX	110
BAT10 / 1150 BFX	115
BAT10 / 1210 BFX	121
BAT10 / 1240 BFX	124
BAT10 / 1250 BFX	125
BAT10 / 1320 BFX	132
BAT10 / 1400 BFX	140
BAT10 / 1500 BFX	150
BAT10 / 1600 BFX	160

Pitch/Length Version	Number of Teeth
BAT10 / 1700 BFX	170
BAT10 / 1800 BFX	180
BAT10 / 1900 BFX	190
BAT10 / 2000 BFX	200
BAT10 / 2240 BFX	224
BAT10 / 2500 BFX	250
BAT10 / 2800 BFX	280
BAT10 / 3000 BFX	300
BAT10 / 3550 BFX	355

Pitch/Length Version	Number of Teeth
BAT10 / 4000 BFX	400
BAT10 / 4500 BFX	450
BAT10 / 5000 BFX	500
BAT10 / 5600 BFX	560
BAT10 / 6000 BFX	600
BAT10 / 6700 BFX	670
BAT10 / 7100 BFX	710
BAT10 / 7500 BFX	750

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.  
Except 720 mm lengths for 50 mm belt width.

For more technical information please see catalog

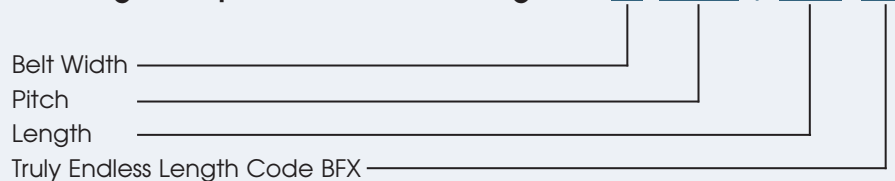
**B217 "ARC-POWER® TECHNOLOGY"**

**Available Options (page 149):**

- PAZ



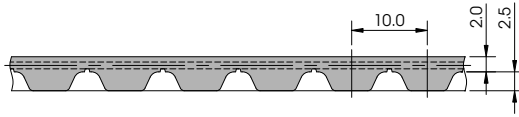
**Ordering example: BRECOFLEX Timing Belt 50 BAT10 / 5000 BFX**



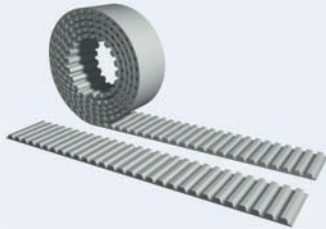
# POLYURETHANE TIMING BELTS

## ARC-POWER SELF-TRACKING-SERIES

### BATK10



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M

**BATK15** (Tooth Pitch 15 mm)

See catalog **B217**

**Widths:** Standard Belt Widths in mm:  
 32 50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

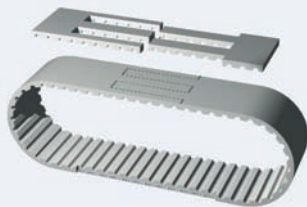
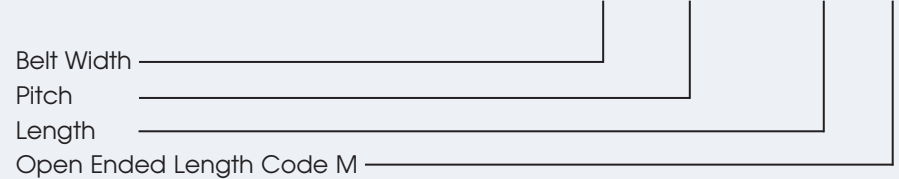


Pulleys  
page 168

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt **75** **BATK10** / **4500** **M**



### SPLICED AND WELDED ENDLESS – V

**BATK15** (Tooth Pitch 15 mm)

See catalog **B217**

**Widths:** Standard Belt Widths in mm:  
 32 50 75 100

**Lengths:** Minimum Joined Length: 880 mm  
 Length of timing belt can be specified in one tooth increments

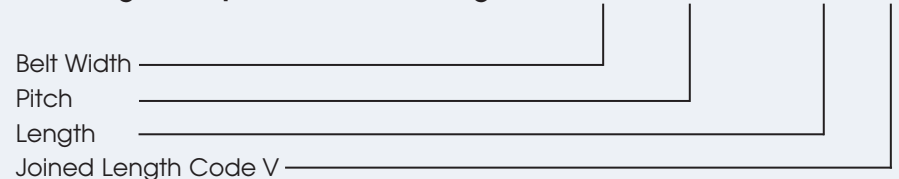


Pulleys  
page 168

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

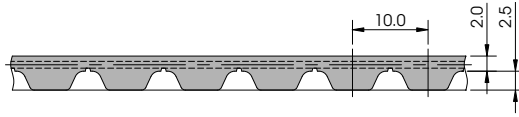
Ordering example: BRECO Timing Belt **75** **BATK10** / **4500** **V**



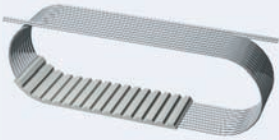


## ARC-POWER SELF-TRACKING-SERIES

# BATK10



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX

**BATK15 (Tooth Pitch 15 mm)**

See catalog **B217**



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm:  
32 50 75 100

Pitch/Length Version	Number of Teeth
BATK10 / 1100 BFX	110
BATK10 / 1150 BFX	115
BATK10 / 1210 BFX	121
BATK10 / 1240 BFX	124
BATK10 / 1250 BFX	125
BATK10 / 1320 BFX	132
BATK10 / 1400 BFX	140
BATK10 / 1500 BFX	150
BATK10 / 1600 BFX	160

Pitch/Length Version	Number of Teeth
BATK10 / 1700 BFX	170
BATK10 / 1800 BFX	180
BATK10 / 1900 BFX	190
BATK10 / 2000 BFX	200
BATK10 / 2240 BFX	224
BATK10 / 2500 BFX	250
BATK10 / 2800 BFX	280
BATK10 / 3000 BFX	300
BATK10 / 3550 BFX	355

Pitch/Length Version	Number of Teeth
BATK10 / 4000 BFX	400
BATK10 / 4500 BFX	450
BATK10 / 5000 BFX	500
BATK10 / 5600 BFX	560
BATK10 / 6000 BFX	600
BATK10 / 6700 BFX	670
BATK10 / 7100 BFX	710
BATK10 / 7500 BFX	750

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 BATK10 / 5000 BFX**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_

**Available Options (page 149):**

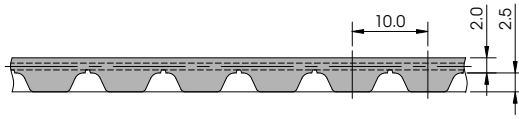
- PAZ



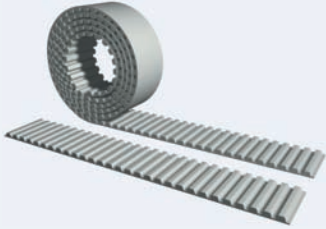
# POLYURETHANE TIMING BELTS

## SFAT SELF-TRACKING-SERIES

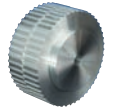
### SFAT10



STEEL Tension Member — standard



#### OPEN ENDED – M



Pulleys  
page 168

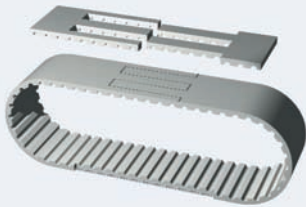
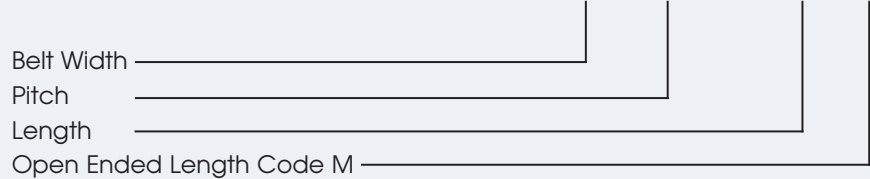
**Widths:** Standard Belt Widths in mm:  
50 75 100

**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Ordering example: BRECO Timing Belt **75** **SFAT10** / **4500** **M**



#### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

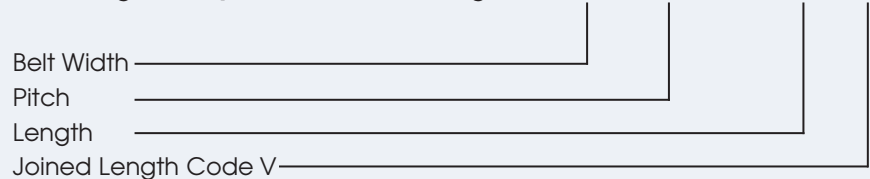
**Widths:** Standard Belt Widths in mm:  
50 75 100

**Lengths:** Minimum Joined Length: 880 mm  
Length of timing belt can be specified in one tooth increments

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

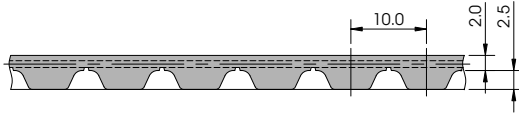
Ordering example: BRECO Timing Belt **75** **SFAT10** / **4500** **V**



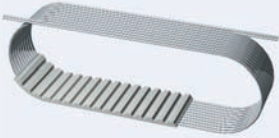
# POLYURETHANE TIMING BELTS

## SFAT SELF-TRACKING-SERIES

### SFAT10



STEEL Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm:

50 75 100

Pitch/Length Version	Number of Teeth
SFAT10 / 1100 BFX	110
SFAT10 / 1200 BFX	120
SFAT10 / 1300 BFX	130
SFAT10 / 1400 BFX	140
SFAT10 / 1500 BFX	150
SFAT10 / 1600 BFX	160
SFAT10 / 1700 BFX	170
SFAT10 / 1800 BFX	180

Pitch/Length Version	Number of Teeth
SFAT10 / 1900 BFX	190
SFAT10 / 2000 BFX	200
SFAT10 / 2240 BFX	224
SFAT10 / 2500 BFX	250
SFAT10 / 2800 BFX	280
SFAT10 / 3000 BFX	300
SFAT10 / 3550 BFX	355
SFAT10 / 4000 BFX	400

Pitch/Length Version	Number of Teeth
SFAT10 / 4500 BFX	450
SFAT10 / 5000 BFX	500
SFAT10 / 5600 BFX	560
SFAT10 / 6000 BFX	600
SFAT10 / 6700 BFX	670
SFAT10 / 7100 BFX	710
SFAT10 / 7500 BFX	750

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,100 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**100 SFAT10 / 5600 BFX**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

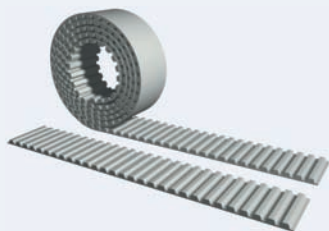
**Available Options (page 149):**

- PAZ



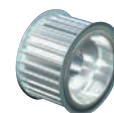
## SFAT SELF-TRACKING-SERIES

# SFAT15

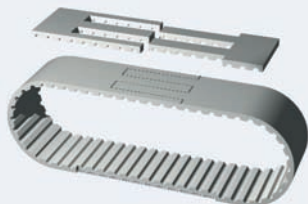


### OPEN ENDED – M

– on request –



Pulleys  
page 168

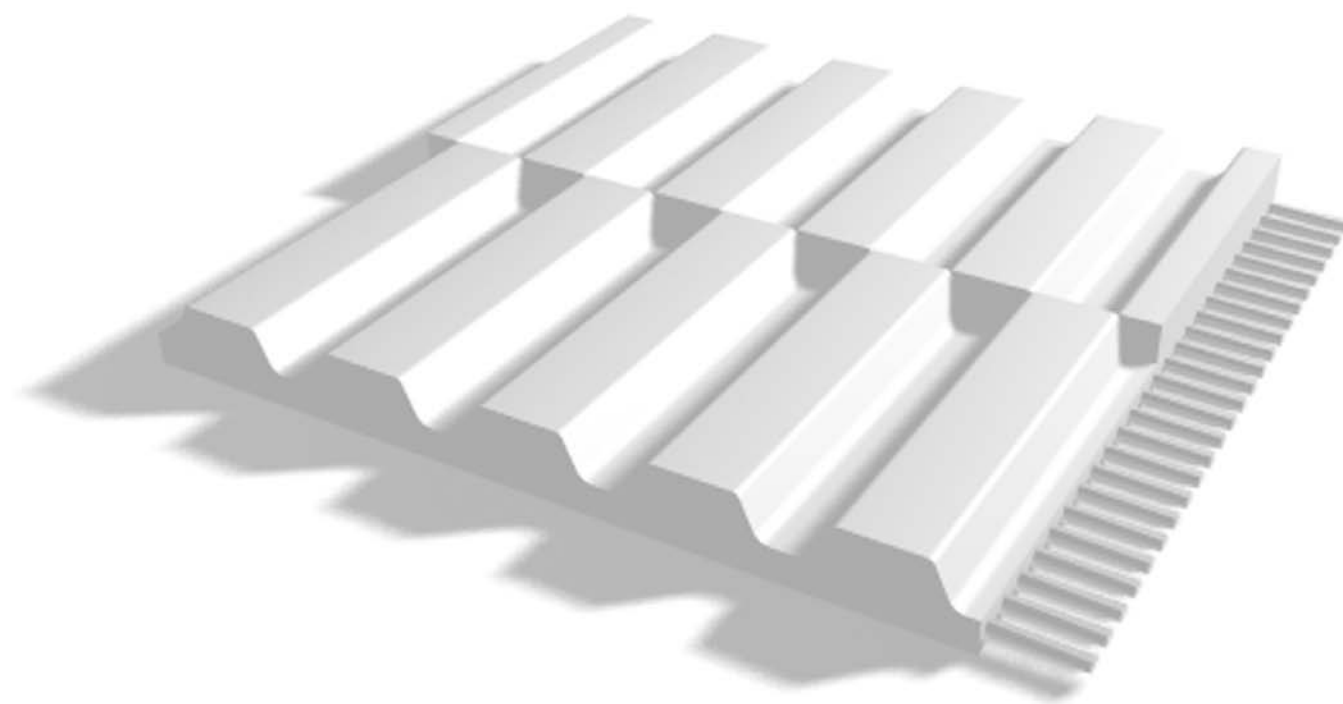


### SPLICED AND WELDED ENDLESS – V

– on request –



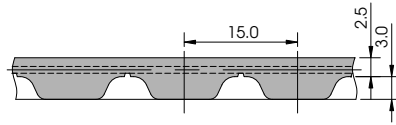
Pulleys  
page 168



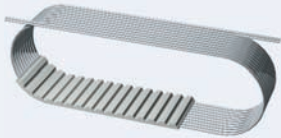
# POLYURETHANE TIMING BELTS

## SFAT SELF-TRACKING-SERIES

### SFAT15



STEEL Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm:  
50 75 100

Pitch/Length Version	Number of Teeth
SFAT15 / 1500 BFX	100
SFAT15 / 1590 BFX	106
SFAT15 / 1710 BFX	114
SFAT15 / 1800 BFX	120
SFAT15 / 1905 BFX	127
SFAT15 / 1995 BFX	133
SFAT15 / 2250 BFX	150
SFAT15 / 2505 BFX	167

Pitch/Length Version	Number of Teeth
SFAT15 / 2790 BFX	186
SFAT15 / 3000 BFX	200
SFAT15 / 3495 BFX	233
SFAT15 / 3750 BFX	250
SFAT15 / 4005 BFX	267
SFAT15 / 4500 BFX	300
SFAT15 / 4995 BFX	333
SFAT15 / 5295 BFX	353

Pitch/Length Version	Number of Teeth
SFAT15 / 5595 BFX	373
SFAT15 / 6000 BFX	400
SFAT15 / 6300 BFX	420
SFAT15 / 6705 BFX	447
SFAT15 / 7095 BFX	473
SFAT15 / 7500 BFX	500

Further lengths up to 21,990 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Ordering example:**  
BRECOFLEX Timing Belt

100 SFAT15 / 5295 BFX

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_

**Available Options (page 149):**

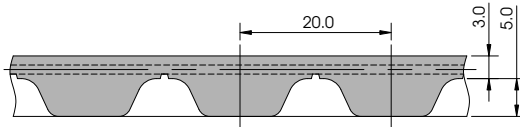
- PAZ



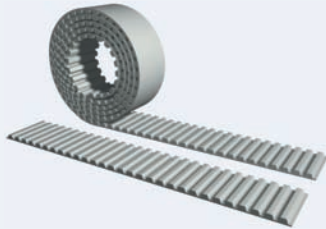
# POLYURETHANE TIMING BELTS

## SFAT SELF-TRACKING-SERIES

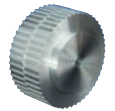
# SFAT20



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm :  
50 75 100

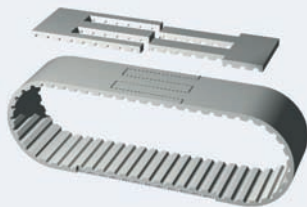
**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

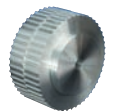
- PAZ 
- PAR 
- PAZ-PAR 

**Ordering example:** BRECO Timing Belt 75 SFAT20 / 4500 M

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm:  
50 75 100

**Lengths:** Minimum Joined Length: 1000 mm  
Length of timing belt can be specified in one tooth increments

Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

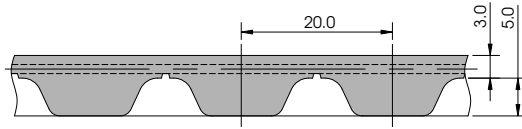
**Ordering example:** BRECO Timing Belt 75 SFAT20 / 4500 V

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

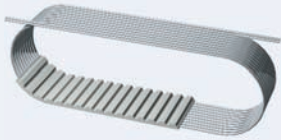
# POLYURETHANE TIMING BELTS

## SFAT SELF-TRACKING-SERIES

# SFAT20



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm :

50 75 100

Pitch/Length Version	Number of Teeth
SFAT20 / 1500 BFX	75
SFAT20 / 1600 BFX	80
SFAT20 / 1700 BFX	85
SFAT20 / 1800 BFX	90
SFAT20 / 1900 BFX	95
SFAT20 / 2000 BFX	100
SFAT20 / 2240 BFX	112

Pitch/Length Version	Number of Teeth
SFAT20 / 2500 BFX	125
SFAT20 / 2800 BFX	140
SFAT20 / 3000 BFX	150
SFAT20 / 3560 BFX	178
SFAT20 / 3760 BFX	188
SFAT20 / 4000 BFX	200
SFAT20 / 4500 BFX	225

Pitch/Length Version	Number of Teeth
SFAT20 / 5000 BFX	250
SFAT20 / 5600 BFX	280
SFAT20 / 6000 BFX	300
SFAT20 / 6700 BFX	335
SFAT20 / 7100 BFX	355
SFAT20 / 7500 BFX	375

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Ordering example:**

**BRECOFLEX Timing Belt**

**100 SFAT20 / 5600 BFX**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Truly Endless Length Code BFX \_\_\_\_\_

**Available Options (page 149):**

- PAZ



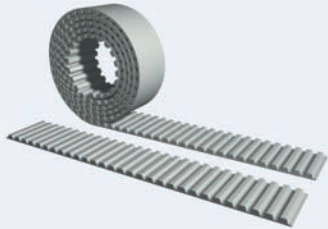
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

### T5-DL



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 6 10 12 16 20 25 32 50 75

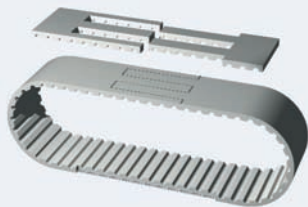
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt **25 T5 / 2355 M DL**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

- PAZ (one side only)



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 10 12 16 20 25 32 50 75

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt **25 T5 / 2355 V DL**

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

- PAZ (one side only)





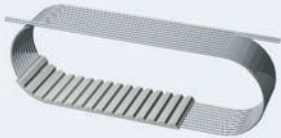
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

### T5-DL



STEEL Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth
T5 / 150 SFX DL	30
T5 / 260 SFX DL	52
T5 / 300 SFX DL	60
T5 / 410 SFX DL	82
T5 / 460 SFX DL	92
T5 / 515 SFX DL	103
T5 / 525 SFX DL	105
T5 / 590 SFX DL	118
T5 / 620 SFX DL	124
T5 / 625 SFX DL	125
T5 / 750 SFX DL	150
T5 / 815 SFX DL	163
T5 / 860 SFX DL	172
T5 / 940 SFX DL	188
T5 / 1075 BFX DL	215
T5 / 1100 BFX DL	220
T5 / 1215 BFX DL	243

Pitch/Length Version	Number of Teeth
T5 / 1325 BFX DL	265
T5 / 1380 BFX DL	276
T5 / 1400 BFX DL	280
T5 / 1500 BFX DL	300
T5 / 1600 BFX DL	320
T5 / 1700 BFX DL	340
T5 / 1800 BFX DL	360
T5 / 1900 BFX DL	380
T5 / 2000 BFX DL	400
T5 / 2120 BFX DL	424
T5 / 2240 BFX DL	448
T5 / 2360 BFX DL	472
T5 / 2500 BFX DL	500
T5 / 2650 BFX DL	530
T5 / 2800 BFX DL	560
T5 / 3000 BFX DL	600
T5 / 3150 BFX DL	630

Pitch/Length Version	Number of Teeth
T5 / 3350 BFX DL	670
T5 / 3550 BFX DL	710
T5 / 3750 BFX DL	750
T5 / 4000 BFX DL	800
T5 / 4250 BFX DL	850
T5 / 4500 BFX DL	900
T5 / 4750 BFX DL	950
T5 / 5000 BFX DL	1000
T5 / 5300 BFX DL	1060
T5 / 5600 BFX DL	1120
T5 / 6000 BFX DL	1200
T5 / 6300 BFX DL	1260
T5 / 6700 BFX DL	1340
T5 / 7100 BFX DL	1420
T5 / 7500 BFX DL	1500

Further lengths up to 15,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 900 mm.

**Ordering example:**  
BRECOFLEX Timing Belt

**50 T5 / 2500 BFX DL**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

Double Sided \_\_\_\_\_

**Available Options (page 149):**

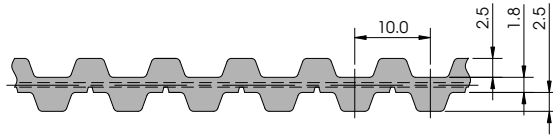
- PAZ (one side only)



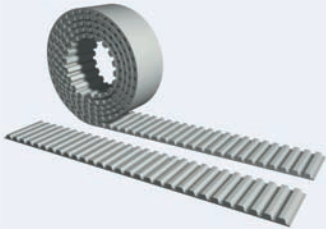
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

### T10-DL



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 25 32 50 75 100

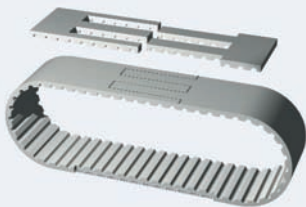
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt 50 T10 / 2300 M DL

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

- PAZ (one side only)



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 25 32 50 75 100

**Lengths:** Minimum Joined Length: 1,000 mm  
 Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt 50 T10 / 2300 V DL

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

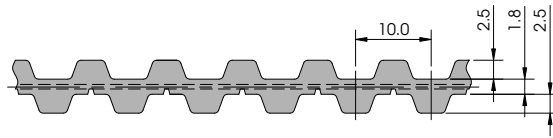
- PAZ (one side only)



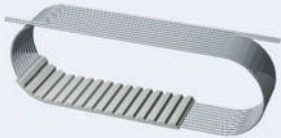
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

# T10-DL



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth
T10 / 260 SFX DL	26
T10 / 530 SFX DL	53
T10 / 630 SFX DL	63
T10 / 660 SFX DL	66
T10 / 720 SFX DL	72
T10 / 840 SFX DL	84
T10 / 980 SFX DL	98
T10 / 1080 BFX DL	108
T10 / 1150 BFX DL	115
T10 / 1210 BFX DL	121
T10 / 1240 BFX DL	124
T10 / 1250 BFX DL	125
T10 / 1320 BFX DL	132
T10 / 1350 BFX DL	135
T10 / 1390 BFX DL	139
T10 / 1400 BFX DL	140
T10 / 1420 BFX DL	142

Pitch/Length Version	Number of Teeth
T10 / 1460 BFX DL	146
T10 / 1500 BFX DL	150
T10 / 1560 BFX DL	156
T10 / 1610 BFX DL	161
T10 / 1750 BFX DL	175
T10 / 1780 BFX DL	178
T10 / 1880 BFX DL	188
T10 / 1960 BFX DL	196
T10 / 2250 BFX DL	225
T10 / 2360 BFX DL	236
T10 / 2500 BFX DL	250
T10 / 2650 BFX DL	265
T10 / 2800 BFX DL	280
T10 / 3000 BFX DL	300
T10 / 3100 BFX DL	310
T10 / 3150 BFX DL	315
T10 / 3350 BFX DL	335

Pitch/Length Version	Number of Teeth
T10 / 3750 BFX DL	375
T10 / 4000 BFX DL	400
T10 / 4250 BFX DL	425
T10 / 4500 BFX DL	450
T10 / 4750 BFX DL	475
T10 / 5000 BFX DL	500
T10 / 5300 BFX DL	530
T10 / 5600 BFX DL	560
T10 / 6000 BFX DL	600
T10 / 6300 BFX DL	630
T10 / 6700 BFX DL	670
T10 / 7100 BFX DL	710
T10 / 7500 BFX DL	750
T10 / 8000 BFX DL	800
T10 / 9000 BFX DL	900

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 900 mm.

### Ordering example:

#### BRECOFLEX Timing Belt

**50 T10 / 2500 BFX DL**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

Double Sided \_\_\_\_\_

### Available Options (page 149):

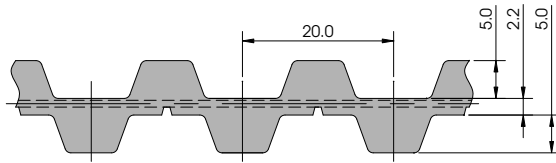
- PAZ (one side only)



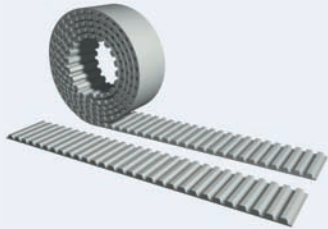
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

### T20-DL



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100

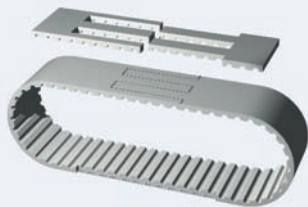
**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Timing Belt 50 T20 / 2300 M DL

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Open Ended Length Code M \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

- PAZ (one side only)



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 25 32 50 75 100

**Lengths:** Minimum Joined Length: 1200 mm  
 Length of timing belt can be specified in one tooth increments

**Ordering example:** BRECO Timing Belt 50 T20 / 2300 V DL

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_  
 Double Sided \_\_\_\_\_

**Available Options (page 149):**

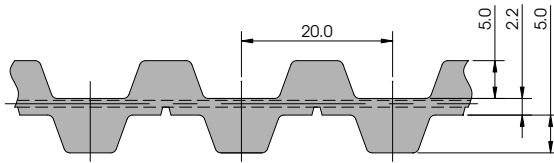
- PAZ (one side only)



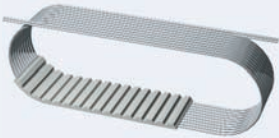
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

# T20-DL



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

25 32 50 75 100

Pitch/Length Version	Number of Teeth
T20 / 1500 BFX DL	75
T20 / 1600 BFX DL	80
T20 / 1700 BFX DL	85
T20 / 1800 BFX DL	90
T20 / 1900 BFX DL	95
T20 / 2000 BFX DL	100
T20 / 2120 BFX DL	106
T20 / 2240 BFX DL	112
T20 / 2360 BFX DL	118
T20 / 2500 BFX DL	125
T20 / 2600 BFX DL	130
T20 / 2660 BFX DL	133

Pitch/Length Version	Number of Teeth
T20 / 2800 BFX DL	140
T20 / 3000 BFX DL	150
T20 / 3160 BFX DL	158
T20 / 3360 BFX DL	168
T20 / 3560 BFX DL	178
T20 / 3620 BFX DL	181
T20 / 3760 BFX DL	188
T20 / 4000 BFX DL	200
T20 / 4260 BFX DL	213
T20 / 4500 BFX DL	225
T20 / 4760 BFX DL	238
T20 / 5000 BFX DL	250

Pitch/Length Version	Number of Teeth
T20 / 5300 BFX DL	265
T20 / 5600 BFX DL	280
T20 / 6000 BFX DL	300
T20 / 6300 BFX DL	315
T20 / 6700 BFX DL	335
T20 / 7100 BFX DL	355
T20 / 7500 BFX DL	375
T20 / 8000 BFX DL	400
T20 / 8500 BFX DL	425
T20 / 9000 BFX DL	450

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

### Ordering example:

**BRECOFLEX** Timing Belt

**50 T20 / 2500 BFX DL**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_  
Double Sided \_\_\_\_\_

### Available Options (page 149):

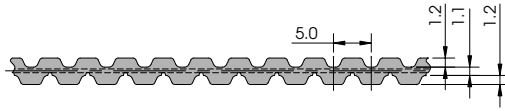
- **PAZ** (one side only)



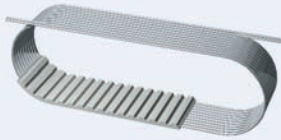
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

# AT5-DL



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT5 / 1075 BFX DL	215	AT5 / 2240 BFX DL	448	AT5 / 4500 BFX DL	900
AT5 / 1100 BFX DL	220	AT5 / 2360 BFX DL	472	AT5 / 4750 BFX DL	950
AT5 / 1215 BFX DL	243	AT5 / 2500 BFX DL	500	AT5 / 5000 BFX DL	1000
AT5 / 1380 BFX DL	276	AT5 / 2650 BFX DL	530	AT5 / 5300 BFX DL	1060
AT5 / 1400 BFX DL	280	AT5 / 2800 BFX DL	560	AT5 / 5600 BFX DL	1120
AT5 / 1500 BFX DL	300	AT5 / 3000 BFX DL	600	AT5 / 6000 BFX DL	1200
AT5 / 1600 BFX DL	320	AT5 / 3150 BFX DL	630	AT5 / 6300 BFX DL	1260
AT5 / 1700 BFX DL	340	AT5 / 3350 BFX DL	670	AT5 / 6700 BFX DL	1340
AT5 / 1800 BFX DL	360	AT5 / 3550 BFX DL	710	AT5 / 7100 BFX DL	1420
AT5 / 1900 BFX DL	380	AT5 / 3750 BFX DL	750	AT5 / 7500 BFX DL	1500
AT5 / 2000 BFX DL	400	AT5 / 4000 BFX DL	800		
AT5 / 2120 BFX DL	424	AT5 / 4250 BFX DL	850		

Further lengths up to 15,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 900 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 AT5 / 2500 BFX DL**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_  
Double Sided \_\_\_\_\_

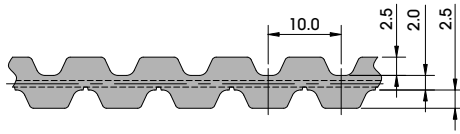
**Available Options (page 149):**

- **PAZ** (one side only)

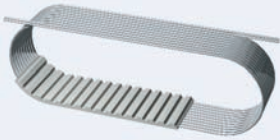


## DOUBLE SIDED-SERIES

# AT10-DL



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

10 12 16 20 25 32 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT10 / 1150 BFX DL	115	AT10 / 2000 BFX DL	200	AT10 / 4250 BFX DL	425
AT10 / 1210 BFX DL	121	AT10 / 2120 BFX DL	212	AT10 / 4500 BFX DL	450
AT10 / 1240 BFX DL	124	AT10 / 2240 BFX DL	224	AT10 / 4750 BFX DL	475
AT10 / 1250 BFX DL	125	AT10 / 2360 BFX DL	236	AT10 / 5000 BFX DL	500
AT10 / 1320 BFX DL	132	AT10 / 2500 BFX DL	250	AT10 / 5300 BFX DL	530
AT10 / 1400 BFX DL	140	AT10 / 2650 BFX DL	265	AT10 / 5600 BFX DL	560
AT10 / 1420 BFX DL	142	AT10 / 2800 BFX DL	280	AT10 / 6000 BFX DL	600
AT10 / 1500 BFX DL	150	AT10 / 3000 BFX DL	300	AT10 / 6300 BFX DL	630
AT10 / 1530 BFX DL	153	AT10 / 3150 BFX DL	315	AT10 / 6700 BFX DL	670
AT10 / 1600 BFX DL	160	AT10 / 3350 BFX DL	335	AT10 / 7100 BFX DL	710
AT10 / 1700 BFX DL	170	AT10 / 3550 BFX DL	355	AT10 / 7500 BFX DL	750
AT10 / 1800 BFX DL	180	AT10 / 3750 BFX DL	375	AT10 / 8000 BFX DL	800
AT10 / 1900 BFX DL	190	AT10 / 4000 BFX DL	400	AT10 / 9000 BFX DL	900

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 900 mm.

**Ordering example:**  
**BRECOFLEX Timing Belt**

**50 AT10 / 2500 BFX DL**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_  
Double Sided \_\_\_\_\_

**Available Options (page 149):**

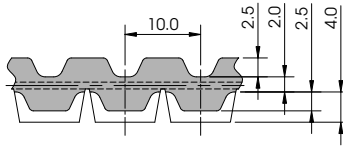
- **PAZ** (one side only)



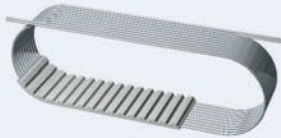
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

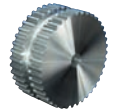
# ATK10 K6-DL



STEEL Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
ATK10 K6 / 1500 BFX DL	150	ATK10 K6 / 2650 BFX DL	265	ATK10 K6 / 4750 BFX DL	475
ATK10 K6 / 1600 BFX DL	160	ATK10 K6 / 2800 BFX DL	280	ATK10 K6 / 5000 BFX DL	500
ATK10 K6 / 1700 BFX DL	170	ATK10 K6 / 3000 BFX DL	300	ATK10 K6 / 5300 BFX DL	530
ATK10 K6 / 1800 BFX DL	180	ATK10 K6 / 3150 BFX DL	315	ATK10 K6 / 5600 BFX DL	560
ATK10 K6 / 1900 BFX DL	190	ATK10 K6 / 3350 BFX DL	335	ATK10 K6 / 6000 BFX DL	600
ATK10 K6 / 2000 BFX DL	200	ATK10 K6 / 3550 BFX DL	355	ATK10 K6 / 6300 BFX DL	630
ATK10 K6 / 2120 BFX DL	212	ATK10 K6 / 3750 BFX DL	375	ATK10 K6 / 6700 BFX DL	670
ATK10 K6 / 2240 BFX DL	224	ATK10 K6 / 4000 BFX DL	400	ATK10 K6 / 7100 BFX DL	710
ATK10 K6 / 2360 BFX DL	236	ATK10 K6 / 4250 BFX DL	425	ATK10 K6 / 7500 BFX DL	750
ATK10 K6 / 2500 BFX DL	250	ATK10 K6 / 4500 BFX DL	450	ATK10 K6 / 8000 BFX DL	800

Further lengths up to 20,000 mm available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Ordering example:**  
BRECOflex Timing Belt

**50 ATK10 K6 / 5300 BFX DL**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

Double Sided \_\_\_\_\_

**Available Options (page 149):**

- PAZ (one side only)

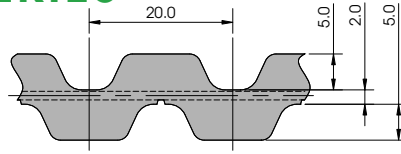




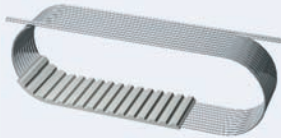
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

# AT20-DL



**STEEL** Tension Member — standard



## TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

25 32 50 75 100

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT20 / 1500 BFX DL	75	AT20 / 2800 BFX DL	140	AT20 / 5300 BFX DL	265
AT20 / 1600 BFX DL	80	AT20 / 3000 BFX DL	150	AT20 / 5600 BFX DL	280
AT20 / 1700 BFX DL	85	AT20 / 3160 BFX DL	158	AT20 / 6000 BFX DL	300
AT20 / 1800 BFX DL	90	AT20 / 3360 BFX DL	168	AT20 / 6300 BFX DL	315
AT20 / 1900 BFX DL	95	AT20 / 3560 BFX DL	178	AT20 / 6700 BFX DL	335
AT20 / 2000 BFX DL	100	AT20 / 3620 BFX DL	181	AT20 / 7100 BFX DL	355
AT20 / 2120 BFX DL	106	AT20 / 3760 BFX DL	188	AT20 / 7500 BFX DL	375
AT20 / 2240 BFX DL	112	AT20 / 4000 BFX DL	200	AT20 / 8000 BFX DL	400
AT20 / 2360 BFX DL	118	AT20 / 4260 BFX DL	213	AT20 / 8500 BFX DL	425
AT20 / 2500 BFX DL	125	AT20 / 4500 BFX DL	225	AT20 / 9000 BFX DL	450
AT20 / 2600 BFX DL	130	AT20 / 4760 BFX DL	238		
AT20 / 2660 BFX DL	133	AT20 / 5000 BFX DL	250		

Further lengths up to 20,000 mm available.

Length of timing belt can be increased in increments of one tooth from minimum length of 1,500 mm.

**Ordering example:**  
BRECOFLEX Timing Belt

**50 AT20 / 2500 BFX DL**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code BFX \_\_\_\_\_  
Double Sided \_\_\_\_\_

**Available Options (page 149):**

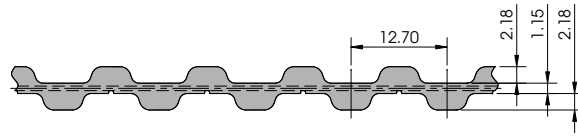
- PAZ (one side only)



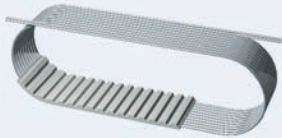
# POLYURETHANE TIMING BELTS

## DOUBLE SIDED-SERIES

### H-DL (12.7mm)



**STEEL** Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths (in between widths available):

in inch:	0.5	0.75	1.0	1.5	2.0	3.0	4.0
in mm:	12.7	19.05	25.4	38.1	50.8	76.2	101.6

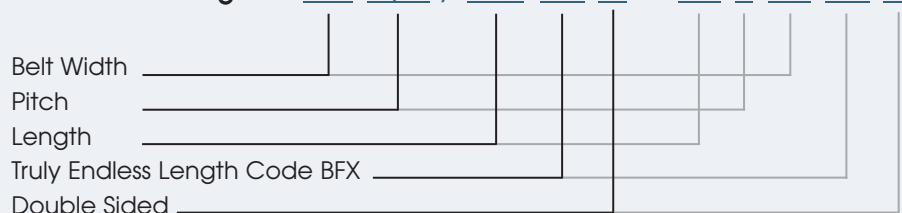
Length/Pitch Code	Length in mm	Number of Teeth
420 H-DL	1066.8	84
450 H-DL	1143.0	90
480 H-DL	1219.2	96
510 H-DL	1295.4	102
540 H-DL	1371.6	108
570 H-DL	1447.8	114
600 H-DL	1524.0	120
630 H-DL	1600.2	126
660 H-DL	1676.4	132
700 H-DL	1778.0	140
750 H-DL	1905.0	150
800 H-DL	2032.0	160

Length/Pitch Code	Length in mm	Number of Teeth
850 H-DL	2159.0	170
900 H-DL	2286.0	180
1000 H-DL	2540.0	200
1100 H-DL	2794.0	220
1250 H-DL	3175.0	250
1400 H-DL	3556.0	280
1700 H-DL	4318.0	340
2000 H-DL	5080.0	400
2300 H-DL	5842.0	460
2600 H-DL	6604.0	520
3000 H-DL	7620.0	600

Further lengths up to 16,002.00 mm (630 inches) available.  
Length of timing belt can be increased in increments of one tooth from minimum length of 901.7 mm (35.5 inches).

**Ordering example:**

**BRECOFLEX** Timing Belt 25.4 1 1/2" / 1134 **BFX** **DL** or 450 **H** 100 **BFX** **DL**



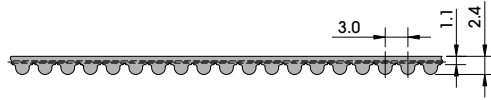
**Available Options (page 149):**

- **PAZ** (one side only)



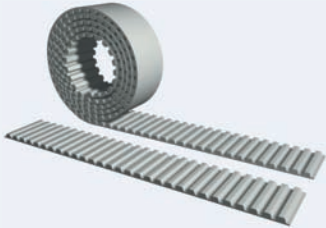
## HTD-SERIES

# HTD 3M



**STEEL** Tension Member — standard

High Power HP



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
5 10 15 20 25 30 50

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt**    25 HTD 3M / 3000 M HP

Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____
High Power Tension Member	_____	_____	_____	_____	_____

Available Options (page 149):

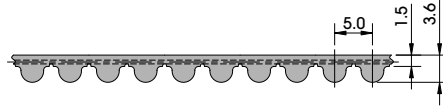
- PAZ



# POLYURETHANE TIMING BELTS

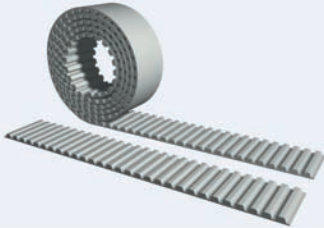
## HTD-SERIES

# HTD 5M



**STEEL** Tension Member — standard

### High Power HP



## OPEN ENDED – M



Pulleys  
page 168

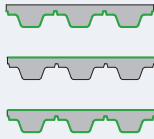
**Widths:** Standard Belt Widths in mm (in between widths available):  
5 10 15 25 50

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 50 HTD 5M / 2000 M HP

### Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

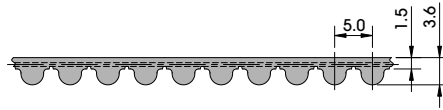


Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____
High Power Tension Member	_____	_____	_____	_____	_____



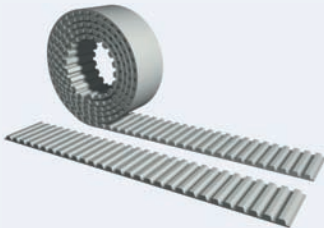
## HTD-SERIES

# HTD 5M



**STEEL** Tension Member — standard

### High Flex HF



## OPEN ENDED – M



Pulleys  
page 168

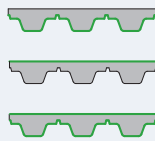
**Widths:** Standard Belt Widths in mm (in between widths available):  
5 10 15 25 50

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 50 HTD 5M / 3000 M HF

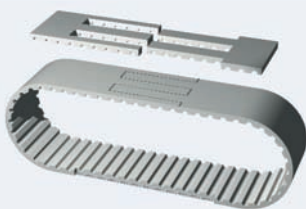
#### Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



Belt Width	_____	_____	_____	_____
Pitch	_____	_____	_____	_____
Length	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____
High Flex Tension Member	_____	_____	_____	_____

### High Flex HF



## SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

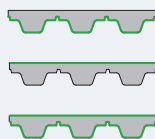
**Widths:** Standard Belt Widths in mm (in between widths available):  
25 50

**Lengths:** Minimum Joined Length: 1100 mm  
Length of timing belt can be specified in one tooth increments

**Ordering example: Timing Belt** 50 HTD 5M / 3000 V HF

#### Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

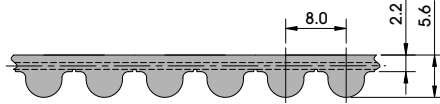


Belt Width	_____	_____	_____	_____
Pitch	_____	_____	_____	_____
Length	_____	_____	_____	_____
Joined Length Code V	_____	_____	_____	_____
High Flex Tension Member	_____	_____	_____	_____

# POLYURETHANE TIMING BELTS

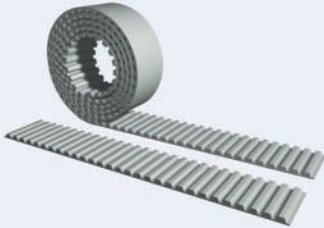
## HTD-SERIES

# HTD 8M



**STEEL** Tension Member — standard

### High Power HP



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
10 15 20 25 30 50 85 100

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 85 HTD 8M / 3000 M HP

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

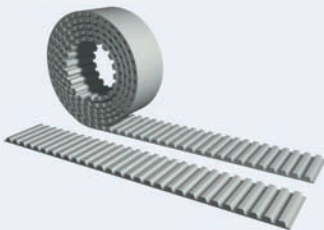
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

High Power Tension Member \_\_\_\_\_

### High Flex HF



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
10 15 20 25 30 50 85 100

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 85 HTD 8M / 3000 M HF

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

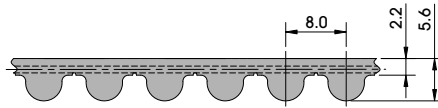
Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

High Flex Tension Member \_\_\_\_\_

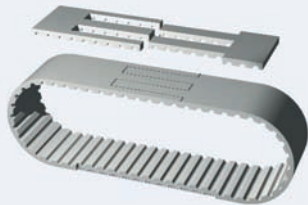
## HTD-SERIES

# HTD 8M



**STEEL** Tension Member — standard

### High Flex HF



## SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
15 20 25 30 50 85 100

**Lengths:** Minimum Joined Length: 880 mm  
Length of timing belt can be specified in one tooth increments

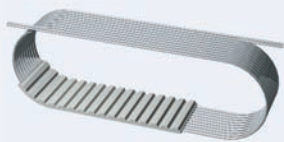
### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

### Ordering example: Timing Belt

50 HTD 8M / 2400 V HF

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_  
 High Flex Tension Member \_\_\_\_\_



## TRULY ENDLESS – BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm  
(in between widths available):  
10 15 20 25 30 50 85 100

Pitch/Length Version	Number of Teeth
HTD 8M / 1496 BFX	187
HTD 8M / 1560 BFX	195
HTD 8M / 1600 BFX	200
HTD 8M / 1752 BFX	219
HTD 8M / 1784 BFX	223


Pitch/Length Version	Number of Teeth
HTD 8M / 1880 BFX	235
HTD 8M / 1960 BFX	245
HTD 8M / 2240 BFX	280
HTD 8M / 2360 BFX	295
HTD 8M / 2504 BFX	313

Pitch/Length Version	Number of Teeth
HTD 8M / 2648 BFX	331
HTD 8M / 2800 BFX	350
HTD 8M / 3000 BFX	375
HTD 8M / 3096 BFX	387
HTD 8M / 3152 BFX	394

Minimum Length 720 mm

Maximum Length 20,000 mm

### Available Options (page 149):

- PAZ 

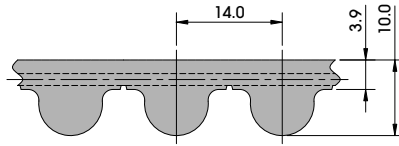
### Ordering example: BRECOFLEX Timing Belt 50 HTD 8M / 2400 BFX

Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Truly Endless Length Code BFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

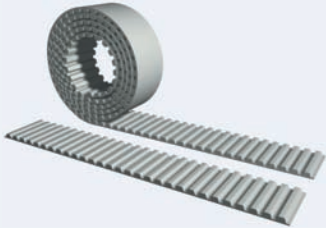
## HTD-SERIES

# HTD 14M



**STEEL** Tension Member — standard

### High Power HP



## OPEN ENDED – M




Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
20 25 30 40 50 55 85 100 115 120

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 100 HTD 14M / 29988 M HP

### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

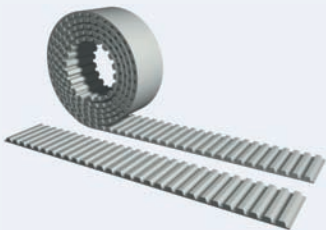
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

High Power Tension Member \_\_\_\_\_

### High Flex HF



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
20 25 30 40 50 55 85 100 115 120

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt** 100 HTD 14M / 29988 M HF

### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

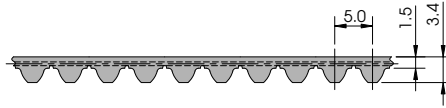
Open Ended Length Code M \_\_\_\_\_

High Flex Tension Member \_\_\_\_\_



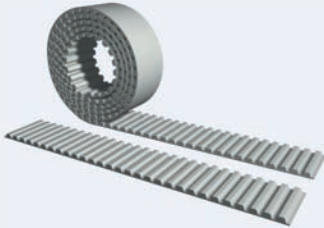
## STD-SERIES

# STD S5M



**STEEL** Tension Member — standard

### High Power HP



## OPEN ENDED – M



Pulleys  
page 168

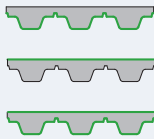
**Widths:** Standard Belt Widths in mm (in between widths available):  
5 10 15 25 50

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt**     **50** **STD S5M** / **3000** **M** **HP**

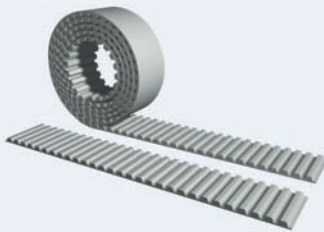
### Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____
High Power Tension Member	_____	_____	_____	_____	_____

### High Flex HF



## OPEN ENDED – M



Pulleys  
page 168

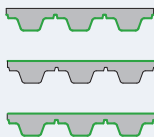
**Widths:** Standard Belt Widths in mm (in between widths available):  
5 10 15 25 50

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt**     **50** **STD S5M** / **3000** **M** **HF**

### Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR

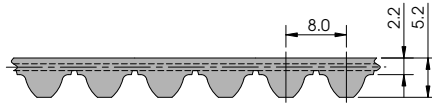


Belt Width	_____	_____	_____	_____	_____
Pitch	_____	_____	_____	_____	_____
Length	_____	_____	_____	_____	_____
Open Ended Length Code M	_____	_____	_____	_____	_____
High Flex Tension Member	_____	_____	_____	_____	_____

# POLYURETHANE TIMING BELTS

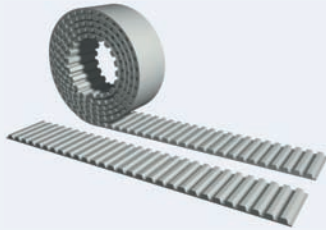
## STD-SERIES

# STD S8M



**STEEL** Tension Member — standard

### High Power HP



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
10 15 20 25 30 50 85 100

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt**     **85** **STD S8M** / **3000** **M** **HP**

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

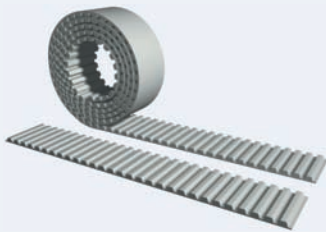
Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

High Power Tension Member \_\_\_\_\_

### High Flex HF



## OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
10 15 20 25 30 50 85 100

**Lengths:** Any length available – Stock Rolls: 30 meters

**Ordering example: Timing Belt**     **85** **STD S8M** / **3000** **M** **HF**

#### Available Options (page 149):

- PAZ 
- PAR 
- PAZ-PAR 

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

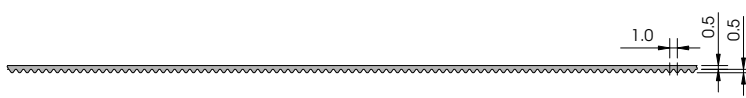
Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_

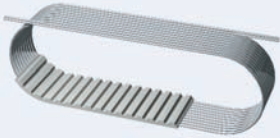
High Flex Tension Member \_\_\_\_\_

## OTHER-SERIES

# K1



**STEEL** Tension Member — standard



### TRULY ENDLESS - SFX



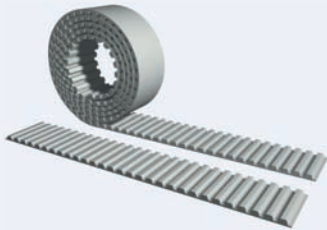
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
4 6 10

Pitch/Length Version	Number of Teeth
K1 / 279 SFX	279
K1 / 348 SFX	348

**Ordering example: TRULY ENDLESS Timing Belt 10 K1 / 279 SFX**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Truly Endless Length Code SFX \_\_\_\_\_

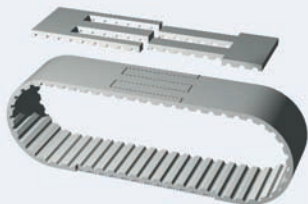


### OPEN ENDED – M

– not available –



Pulleys  
page 168



### SPLICED AND WELDED ENDLESS – V

– not recommended as spliced and welded endless, see above for K1 truly endless SFX–

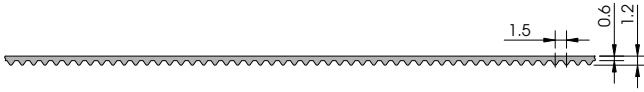


Pulleys  
page 168

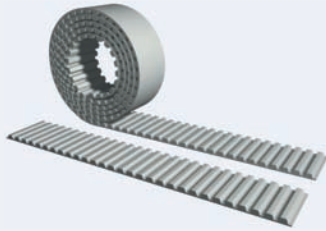
# POLYURETHANE TIMING BELTS

## OTHER-SERIES

### K1.5



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
4          6          8          10        12        16

**max. lengths:** 15,000    12,000    10,000    8,000    7,000    5,000

**Ordering example:** Timing Belt

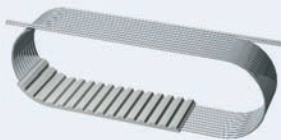
**10 K1.5 / 1500 M**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Open Ended Length Code M \_\_\_\_\_



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm  
(in between widths available):  
4    6    8    10    12    16    20

Pitch/Length Version	Number of Teeth
K1.5 / 57 SFX	38
K1.5 / 64.5 SFX	43
K1.5 / 100.5 SFX	67
K1.5 / 165 SFX	110
K1.5 / 201 SFX	134

Pitch/Length Version	Number of Teeth
K1.5 / 228 SFX	152
K1.5 / 286.5 SFX	191
K1.5 / 300 SFX	200
K1.5 / 400.5 SFX	267
K1.5 / 501 SFX	334

Pitch/Length Version	Number of Teeth
K1.5 / 600 SFX	400
K1.5 / 1242 SFX	828
K1.5 / 1671 SFX	1114

**Ordering example:** TRULY ENDLESS Timing Belt **10 K1.5 / 286.5 SFX**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

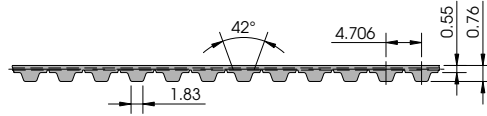
Length \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

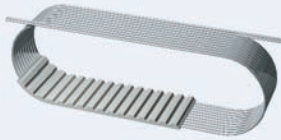
## OTHER-SERIES

# AR

For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50

Type	Length in mm	Number of Teeth
AR28	131.77	28
AR36	169.42	36
AR39	183.53	39
AR43	202.36	43
AR45	211.77	45
AR46	216.48	46
AR53	249.42	53
AR54	254.12	54
AR56	263.54	56
AR60	282.36	60
AR62	291.77	62
AR64	301.18	64
AR65	305.89	65

Type	Length in mm	Number of Teeth
AR 67	315.30	67
AR 70	329.42	70
AR 73	343.54	73
AR 76	357.66	76
AR 82	385.89	82
AR 87	409.42	87
AR 94	442.36	94
AR 98	461.19	98
AR127	597.66	127
AR148	696.49	148
AR157	738.84	157
AR202	950.61	202

Ordering example: TRULY ENDLESS Timing Belt 10 AR28 SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

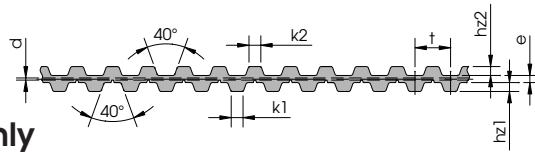
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

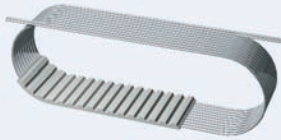
## OTHER-SERIES

### AR-DL

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k1 (mm)	k2 (mm)	hz1 (mm)	hz2 (mm)	e (mm)	d (mm)
AR62-DL	4.706	62	291.77	1.83	1.83	0.76	0.76	0.55	0.15
AR87-DL	4.706	87	409.42	1.83	1.83	0.76	0.76	0.55	0.15

Ordering example: TRULY ENDLESS Timing Belt 10 AR62-DL SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

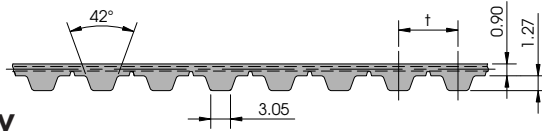
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

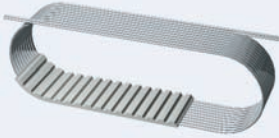
## OTHER-SERIES

# BR

For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Length	Number of Teeth	Type	Pitch t (mm)	Length	Number of Teeth
BR32	7.854	251.33	32	BR70	7.841	548.87	70
BR36	7.854	282.74	36	BR75	7.841	588.08	75
BR40	7.854	314.16	40	BR80	7.841	627.28	80
BR44	7.854	345.58	44	BR86	7.841	674.33	86
BR48	7.854	376.99	48	BR90	7.841	705.69	90
BR50	7.854	392.70	50	BR97	7.841	760.58	97
BR51	7.854	400.55	51	BR100	7.841	784.10	100
BR55	7.854	431.97	55	BR107	7.841	838.99	107
BR61	7.854	479.09	61	BR119	7.841	933.08	119
BR64	7.841	501.82	64	BR125	7.841	980.13	125
BR67	7.841	525.35	67	BR230	7.841	1803.43	230

Ordering example: TRULY ENDLESS Timing Belt 10 BR32 SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

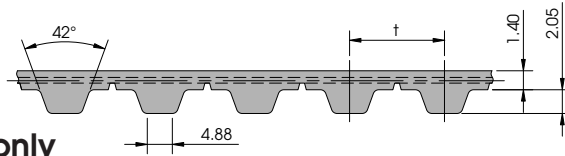
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

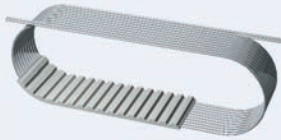
## OTHER-SERIES

# CR

For replacements only



**STEEL** Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Length	Number of Teeth	Type	Pitch t (mm)	Length	Number of Teeth
CR31	12.553	389.14	31	CR 78	12.553	979.13	78
CR43	12.553	539.78	43	CR 80	12.553	1004.24	80
CR50	12.553	627.65	50	CR 81	12.553	1016.79	81
CR53	12.553	655.31	53	CR 83	12.553	1041.90	83
CR54	12.553	677.86	54	CR 85	12.553	1067.01	85
CR57	12.553	715.52	57	CR 86	12.553	1079.56	86
CR59	12.553	740.63	59	CR 88	12.553	1104.66	88
CR60	12.553	753.18	60	CR 94	12.553	1179.98	94
CR63	12.553	790.84	63	CR100	12.553	1255.30	100
CR66	12.553	828.50	66	CR110	12.553	1380.83	110
CR69	12.553	866.16	69	CR115	12.553	1443.60	115
CR70	12.553	878.71	70	CR119	12.553	1493.81	119
CR75	12.553	941.48	75	CR126	12.553	1581.68	126
CR76	12.553	954.03	76	CR133	12.553	1669.55	133

Ordering example: **TRULY ENDLESS** Timing Belt 10 CR31 SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

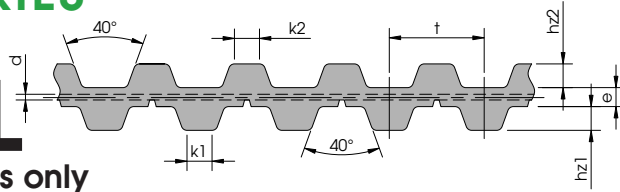
Truly Endless Length Code SFX \_\_\_\_\_



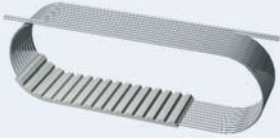
## OTHER-SERIES

### CR-DL

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k1 (mm)	k2 (mm)	hz1 (mm)	hz2 (mm)	e (mm)	d (mm)
CR66-DL	12.553	66	828.50	4.88	4.88	2.05	2.05	1.40	0.60
CR88-DL	12.553	88	1104.66	4.88	4.88	2.05	2.05	1.40	0.60

Ordering example: TRULY ENDLESS Timing Belt 10 CR66-DL SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

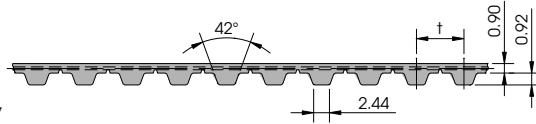
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

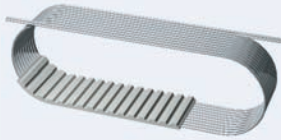
## OTHER-SERIES

# DR

For replacements only



**STEEL Tension Member — standard**



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Length	Number of Teeth
DR33	6.283	207.34	33
DR37	6.283	232.47	37
DR43	6.283	270.17	43
DR53	6.283	333.00	53
DR55	6.283	345.57	55
DR63	6.283	395.83	63
DR67	6.283	420.96	67
DR70	6.283	439.81	70
DR79	6.271	495.41	79
DR83	6.271	520.49	83
DR88	6.271	551.85	88
DR90	6.271	564.39	90

Type	Pitch t (mm)	Length	Number of Teeth
DR 98	6.271	614.56	98
DR 101	6.271	633.37	101
DR140	6.271	652.18	104
DR117	6.271	733.71	117
DR119	6.271	746.25	119
DR130	6.271	815.23	130
DR132	6.271	827.77	132
DR153	6.271	959.46	153
DR155	6.271	972.01	155
DR186	6.271	1166.41	186
DR188	6.271	1178.95	188

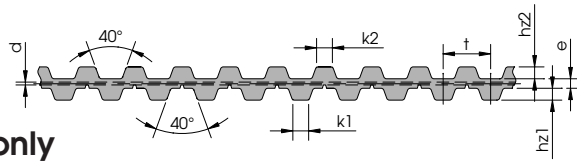
**Ordering example:** TRULY ENDLESS Timing Belt 10 DR33 SFX

Belt Width \_\_\_\_\_  
 Type \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_

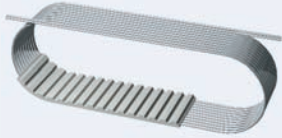
## OTHER-SERIES

### DR-DL

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k1 (mm)	k2 (mm)	hz1 (mm)	hz2 (mm)	e (mm)	d (mm)
DR83-DL	6.271	83	520.49	2.44	2.44	0.92	0.92	0.90	0.30

Ordering example: TRULY ENDLESS Timing Belt 10 DR83-DL SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

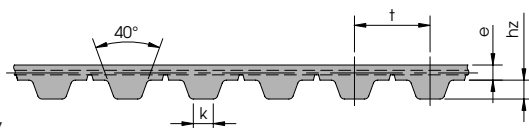
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## OTHER-SERIES

# V

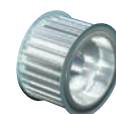
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch $t$ (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V100 / 3F	3.060	33	100.98	1.20	0.80	0.70
V149 / 4F	4.983	30	149.49	1.80	1.20	1.00
V150 / 5F	5.176	29	150.10	1.60	1.50	1.30
V158 / 4F	4.522	35	158.27	1.50	1.00	1.20
V161 / 5F	5.951	27	160.68	2.00	1.50	1.50
V165 / 3F	3.581	46	164.73	1.00	1.00	1.30
V167 / 4F	4.522	37	167.31	1.50	1.00	1.20
V170 / 4FA	4.459	38	169.44	1.50	1.00	1.00
V172 / 4F	4.921	35	172.24	1.60	1.50	1.20
V174 / 3F	3.300	53	174.90	1.00	1.00	1.20
V177 / 5F	5.080	35	177.80	1.20	1.20	0.85
V190 / 4F	4.572	42	192.02	1.30	1.20	1.40
V203 / 5F	5.080	40	203.20	1.37	1.27	0.80
V206 / 6FK	6.063	34	206.14	1.80	1.20	1.00
V213 / 7F	7.869	27	212.46	2.50	1.40	1.40
V225 / 3F	3.000	75	225.00	1.20	0.80	0.70
V226 / 5F	5.950	38	226.10	2.00	1.50	1.50
V228 / 6F	6.350	36	228.60	2.00	1.50	0.80
V229 / 6F	6.736	34	229.02	2.00	1.20	1.20
V233 / 5F	5.080	46	233.68	1.37	1.22	1.28
V238 / 5F	5.951	40	238.04	2.00	1.50	1.10

Ordering example: TRULY ENDLESS Timing Belt 10 V100/3F SFX

Belt Width \_\_\_\_\_

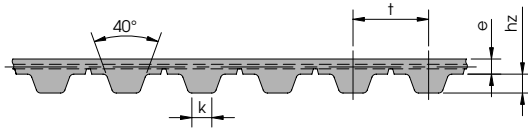
Type \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

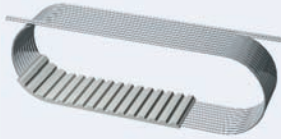
## OTHER-SERIES

# V

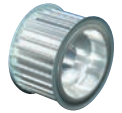
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V242 / 5F	5.050	48	242.40	1.60	1.50	1.20
V248 / 7F	7.285	34	247.69	2.50	1.40	1.50
V252 / 6K	6.475	39	252.53	2.20	1.20	1.80
V255 / 6FK	6.717	38	255.25	2.50	1.80	1.00
V261 / 7K	7.927	33	261.59	2.50	1.40	1.00
V265 / 8F	8.019	33	264.63	2.50	1.40	1.50
V268 / 7F	7.258	37	268.55	2.50	1.80	1.50
V277 / 3F	3.300	84	277.20	1.00	1.00	1.20
V279 / 6F	6.350	44	279.40	2.00	1.50	1.05
V284 / 5F	5.080	56	284.48	1.80	1.20	0.70
V285 / 6F	6.350	45	285.75	1.80	1.20	1.00
V290 / 3F	3.300	88	290.40	1.00	1.00	1.20
V291 / 7F	7.256	40	290.24	2.50	1.40	1.60
V295 / 6F	6.266	47	294.50	1.60	1.50	1.50
V304 / 5F	5.080	60	304.80	1.37	1.27	0.60
V307 / 5F	5.202	59	306.92	1.60	1.50	1.30
V309 / 7FK	7.226	43	310.72	2.20	1.60	1.30
V310 / 5F	5.953	52	309.56	1.80	1.50	1.50
V316 / 3F	3.300	96	316.80	1.00	1.00	1.20
V323 / 3F	3.300	98	323.40	1.00	1.00	1.20
V337 / 7F	7.660	44	337.04	2.50	1.60	1.45

Ordering example: TRULY ENDLESS Timing Belt 20 V242/5F SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

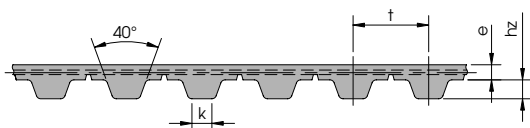
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

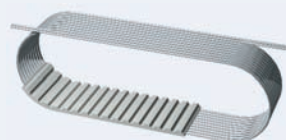
## OTHER-SERIES

# V

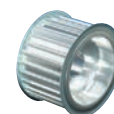
For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6 8 10 12 16 20 25 32 50 100

Type	Pitch $t$ (mm)	Number of Teeth	Length (mm)	$k$ (mm)	$hz$ (mm)	$e$ (mm)
V341 / 7F	7.734	44	340.30	2.50	2.00	1.40
V350 / 5FK	5.077	69	350.31	1.80	1.20	1.00
V351 / 2F	2.645	133	351.79	1.50	1.00	0.60
V354 / 6F	5.997	59	353.82	2.20	1.40	1.50
V356 / 7F	7.261	49	355.79	2.50	1.80	1.40
V357 / 7F	7.431	48	356.69	2.50	2.00	1.90
V360 / 6F	6.934	52	360.57	2.50	1.80	1.40
V361 / 6F	6.929	52	360.31	2.50	2.00	2.00
V364 / 7F	7.923	46	364.46	2.50	1.40	1.80
V367 / 7FK	7.060	52	367.12	2.50	1.40	1.40
V367 / 7F	7.527	49	368.82	2.50	2.00	1.50
V368 / 7F	7.370	50	368.50	2.50	1.80	1.50
V368 / 7F	7.527	49	368.82	2.50	1.60	1.30
V370 / 6F	6.268	59	369.81	1.60	1.50	1.50
V375 / 6FK	6.588	57	375.52	2.20	1.60	1.20
V381 / 5F	5.080	75	381.00	1.35	1.25	0.95
V381 / 5FK	5.077	75	380.78	1.80	1.50	1.00
V385 / 4FK	4.939	78	385.24	1.80	1.20	1.00
V386 / 6F	6.662	58	386.40	2.20	1.80	1.40
V388 / 7K	7.070	55	388.85	2.03	1.40	1.20
V392 / 7F	7.255	54	391.77	2.50	1.80	1.40

Ordering example: TRULY ENDLESS Timing Belt 20 V341 / 7F SFX

Belt Width \_\_\_\_\_

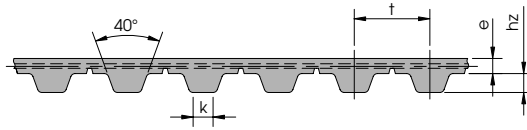
Type \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

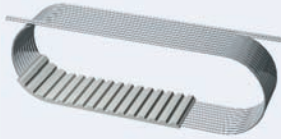
## OTHER-SERIES

# V

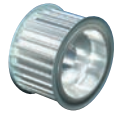
For replacements only



**STEEL Tension Member — standard**



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V395 / 6F	6.585	60	395.10	2.20	1.80	1.20
V402 / 7K	7.791	52	405.13	2.50	1.40	1.40
V406 / 5F	5.080	80	406.40	1.37	1.27	1.30
V409 / 4FK	5.000	82	410.00	1.80	1.20	1.00
V411 / 5F	5.956	69	410.96	1.80	1.50	1.50
V419 / 7F	7.346	57	418.72	2.50	2.20	2.00
V420 / 6F	6.270	67	420.09	1.60	1.50	1.50
V423 / 7F	7.981	53	422.99	2.50	2.00	2.00
V431 / 6F	6.145	70	430.15	2.00	1.40	1.50
V431 / 6K	6.158	70	431.06	2.00	1.40	1.60
V432 / 7F	7.447	58	431.93	2.50	2.20	2.00
V432 / 7K	7.450	58	432.10	2.50	1.40	1.40
V432 / 7F	7.450	58	432.10	2.50	1.40	1.40
V437 / 9FK	9.950	44	437.80	3.50	2.50	1.60
V438 / 9F	9.525	46	438.15	3.20	1.80	1.20
V440 / 5F	5.712	77	439.82	1.60	1.50	1.20
V443 / 7K	7.383	60	442.98	2.50	1.40	1.40
V444 / 7F	7.403	60	444.18	2.50	1.80	1.40
V446 / 7F	7.430	60	445.80	2.50	1.80	1.50
V448 / 7F	7.852	57	447.45	2.50	1.40	1.50
V449 / 7K	7.880	57	449.16	2.50	1.40	1.80

**Ordering example:** TRULY ENDLESS Timing Belt 25 V395 / 6F SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

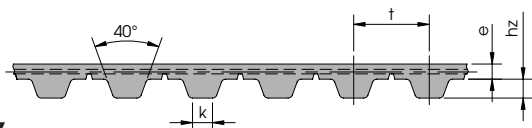
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## OTHER-SERIES

# V

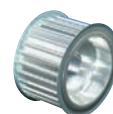
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V449 / 9K	9.358	48	449.18	3.20	2.20	1.90
V450 / 7F	7.023	64	449.47	2.50	1.40	1.20
V457 / 6K	6.352	72	457.34	2.20	1.20	1.60
V459 / 9F	9.182	50	459.10	3.00	2.50	1.70
V463 / 7F	7.249	64	463.94	2.50	1.80	1.50
V468 / 7K	7.559	62	468.66	2.50	1.60	2.00
V473 / 7K	7.284	65	473.46	2.50	1.40	1.60
V474 / 7F	7.394	64	473.22	2.50	1.80	1.50
V480 / 7K	7.753	62	480.69	2.50	1.40	1.60
V491 / 7F	7.915	62	490.73	2.00	1.40	1.10
V508 / 5F	5.080	100	508.00	1.32	1.22	1.32
V510 / 10F	10.000	51	510.00	3.50	2.50	1.60
V511 / 9F	9.471	54	511.43	3.00	2.50	2.00
V513 / 8K	8.860	58	513.88	2.80	1.60	0.00
V514 / 9K	9.183	56	514.25	3.20	2.20	2.00
V515 / 7F	7.577	68	515.24	2.50	1.80	1.60
V515 / 9FK	9.553	54	515.86	3.50	2.50	1.40
V516 / 7F	7.947	65	516.56	2.50	1.40	1.30
V522 / 6F	6.295	83	522.49	2.50	1.40	1.40
V532 / 9F	9.509	56	532.50	3.20	2.20	2.00
V537 / 7F	7.910	68	537.88	2.50	1.40	1.40

Ordering example: TRULY ENDLESS Timing Belt 25 [V449 / 9K](#) [SFX](#)

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

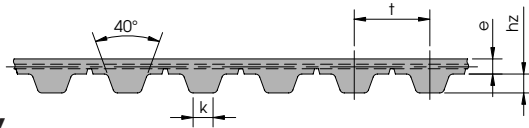


# POLYURETHANE TIMING BELTS

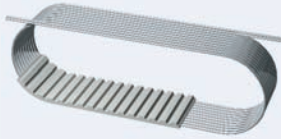
## OTHER-SERIES

# V

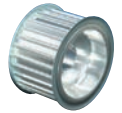
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V546 / 7F	7.806	70	546.42	2.50	1.80	1.50
V548 / 2F	2.540	216	548.64	1.00	0.70	0.60
V552 / 6F	6.278	88	552.46	2.20	1.20	1.20
V555 / 7FK	7.823	71	555.43	2.50	1.80	1.30
V563 / 9F	9.720	58	563.76	3.20	1.80	2.00
V567 / 5F	5.971	95	567.25	2.00	1.50	1.50
V570 / 9F	9.205	62	570.71	3.00	2.50	2.00
V571 / 9F	9.525	60	571.50	3.26	1.91	1.69
V574 / 7F	7.561	76	574.64	2.50	2.20	2.00
V583 / 9F	9.709	60	582.54	3.00	2.50	2.00
V592 / 7F	7.896	75	592.20	2.50	2.20	2.00
V609 / 5F	5.080	120	609.60	1.36	1.20	0.70
V609 / 4F	4.233	144	609.55	1.80	1.20	1.00
V620 / 6FK	6.969	89	620.24	2.50	1.40	1.30
V620 / 6F	6.969	89	620.24	2.50	1.40	1.50
V623 / 9F	9.744	64	623.62	3.20	1.60	1.50
V626 / 6F	6.265	100	626.50	1.60	1.50	1.50
V628 / 6F	6.283	100	628.30	2.20	1.80	1.80
V629 / 9F	9.992	63	629.50	3.50	2.50	2.00
V635 / 5F	5.080	125	635.00	1.32	1.20	0.60
V651 / 7F	7.239	90	651.51	2.50	1.40	1.60

Ordering example: TRULY ENDLESS Timing Belt 32 V546 / 7F SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

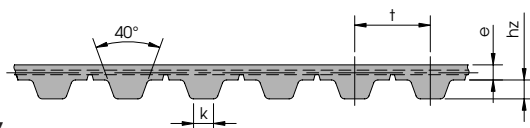
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

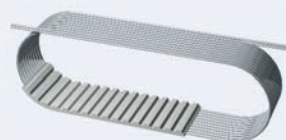
## OTHER-SERIES

# V

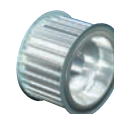
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch $t$ (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V685 / 5F	5.080	135	685.80	1.36	1.20	0.70
V686 / 9F	9.538	72	686.74	3.20	1.80	1.50
V698 / 9FK	9.986	70	699.02	3.50	2.50	1.60
V728 / 15K	15.500	47	728.50	4.70	2.30	1.60
V758 / 8FA	8.508	89	757.21	3.00	2.50	2.40
V760 / 8F	8.538	89	759.88	3.00	2.50	1.80
V779 / 2F	2.540	307	779.78	1.00	0.70	0.60
V818 / 6F	6.935	118	818.33	2.50	1.80	1.60
V829 / 8F	8.630	96	828.48	3.00	2.50	2.00
V850 / 4F	4.032	211	850.75	1.30	1.20	1.90
V853 / 5F	5.966	143	853.14	1.60	1.50	1.30
V859 / 6F	6.095	141	859.40	2.44	0.92	0.90
V862 / 13F	13.252	65	861.38	3.20	2.80	2.50
V870 / 9F	9.655	90	868.95	3.00	2.50	2.00
V889 / 5F	5.080	175	889.00	1.80	1.20	1.00
V901 / 9F	9.185	98	900.13	3.00	2.50	2.50
V910 / 10F	10.000	91	910.00	3.50	2.50	1.60
V912 / 7F	7.473	122	911.71	2.50	1.60	1.50
V914 / 12F	12.700	72	914.40	4.30	2.20	1.85
V939 / 9F	9.583	98	939.13	3.20	1.80	1.50
V969 / 6F	6.094	159	968.95	2.44	0.92	0.90

Ordering example: TRULY ENDLESS Timing Belt 32 V685 / 5F SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

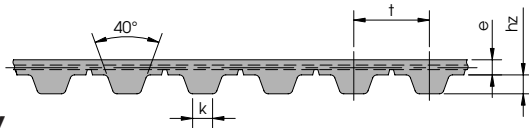
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## OTHER-SERIES

# V

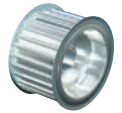
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V971 / 9F	9.525	102	971.55	3.25	1.90	1.40
V978 / 9F	9.980	98	978.04	3.50	2.50	0.00
V990 / 9F	9.525	104	990.60	3.10	2.20	1.65
V1000 / 9F	9.525	105	1000.13	3.10	2.20	1.65
V1003 / 2F	2.073	484	1003.33	0.60	0.42	0.80
V1010 / 10F	10.000	101	1010.00	3.50	2.50	1.60
V1023 / 9K	9.307	110	1023.77	3.20	2.20	2.00
V1023 / 9F	9.293	110	1022.23	3.00	2.50	2.50
V1027 / 9F	9.420	109	1026.78	3.00	2.50	2.00
V1028 / 9F	9.525	108	1028.70	3.10	1.90	1.65
V1052 / 15F	15.708	67	1052.44	5.00	1.70	3.00
V1060 / 4F	4.975	213	1059.68	1.80	1.20	1.00
V1065 / 12FK	12.694	84	1066.30	4.00	2.20	1.40
V1080 / 4F	4.032	268	1080.58	1.32	1.20	0.70
V1097 / 5F	5.080	216	1097.28	1.37	1.27	1.30
V1102 / 5F	5.080	217	1102.36	1.80	1.20	1.00
V1104 / 9F	9.525	116	1104.90	3.25	1.90	2.30
V1106 / 2F	2.922	392	1145.42	0.76	0.51	0.59
V1110 / 10F	10.000	111	1110.00	3.50	2.50	1.60
V1140 / 10F	10.945	104	1138.28	3.20	2.80	2.50
V1149 / 4F	4.032	285	1149.12	1.32	1.20	0.70

Ordering example: TRULY ENDLESS Timing Belt 50 V971 / 9F SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

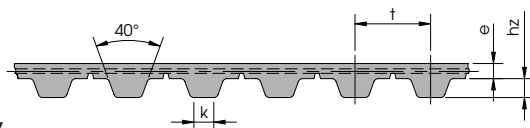
Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

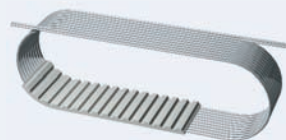
## OTHER-SERIES

# V

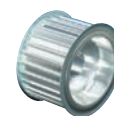
For replacements only



STEEL Tension Member — standard



## TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k (mm)	hz (mm)	e (mm)
V1152 / 9F	9.525	121	1152.53	3.10	1.90	1.65
V1177 / 4F	4.032	292	1177.34	1.30	1.20	0.90
V1178 / 5F	5.080	232	1178.56	1.80	1.20	1.00
V1215 / 9FA	9.334	130	1213.42	3.00	2.50	2.00
V1215 / 9F	9.334	130	1213.42	3.20	1.80	2.00
V1257 / 9F	9.525	132	1257.30	3.20	1.90	1.65
V1270 / 12F	12.700	100	1270.00	4.45	2.18	2.01
V1300 / 9F	9.425	138	1300.65	3.00	2.50	2.00
V1332 / 6F	6.279	212	1331.15	2.20	1.80	1.80
V1390 / 9F	9.525	146	1390.65	3.20	1.90	1.30
V1423 / 9F	9.553	149	1423.40	3.50	1.90	1.30
V1529 / 6F	6.291	243	1528.71	2.20	1.80	1.30
V1563 / 9F	9.407	166	1561.56	3.00	2.50	2.00
V1584 / 5F	5.080	312	1584.96	1.80	1.20	1.00
V1635 / 9F	9.382	174	1632.47	3.00	2.50	2.50
V1637 / 9F	9.390	174	1633.86	3.00	2.50	2.50
V1676 / 12F	12.674	132	1672.97	4.40	2.30	1.95
V1778 / 12F	12.700	140	1778.00	4.40	2.30	1.40
V1997 / 18F	18.840	106	1997.04	6.50	4.00	3.00

Ordering example: TRULY ENDLESS Timing Belt 50 [V1152 / 9F](#) [SFX](#)

Belt Width \_\_\_\_\_

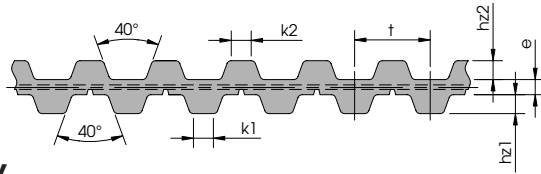
Type \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

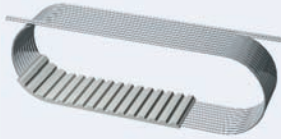
## OTHER-SERIES

### V-DL

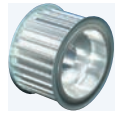
For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Pitch t (mm)	Number of Teeth	Length (mm)	k1 (mm)	k2 (mm)	hz1 (mm)	hz2 (mm)	e (mm)
V409 / 4DL	4.989	82	409.10	1.80	1.80	1.20	1.20	1.00
V431 / 5DL	5.080	85	431.80	1.37	1.37	1.27	1.27	0.81
V454 / 7DL	7.818	58	453.44	2.20	2.50	1.00	1.40	1.20
V461 / 5DL	5.486	84	460.82	1.60	1.60	1.50	1.50	1.10
V551 / 7DL	7.536	73	550.13	2.80	2.50	1.60	1.60	1.50
V758 / 8DLII	8.511	89	757.48	3.00	5.50	2.50	2.00	2.70
V785 / 6DL	6.282	125	785.25	2.20	2.20	1.50	1.50	0.90
V1215 / 9DL	9.327	130	1212.51	3.20	3.20	1.80	1.80	1.70
V1357 / 6DL	6.919	196	1356.12	2.20	2.20	1.80	1.80	1.30
V1635 / 9DL	9.390	174	1633.86	3.00	3.00	2.50	2.50	2.30
V1635 / 9DLII	9.390	174	1633.86	3.00	3.20	2.50	1.80	2.30

Ordering example: TRULY ENDLESS Timing Belt 20 [V409 / 4DL](#) [SFX](#)

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6 8 10 12 16 20 25 32 50 100

Type	Length (mm)	e (mm)	u (mm)	de (mm)	Type	Length (mm)	e (mm)	u (mm)	de (mm)
F213 / 7	212.95	1.60	0.800	0.15	F697 / 4	695.57	0.55	0.275	0.15
F254 / 4	253.74	0.80	0.400	0.15	F738 / 4	738.64	0.80	0.400	0.15
F314 / 5	314.16	5.50	2.000	0.60	F762 / 7	762.00	2.60	1.300	0.30
F315 / 4	315.73	1.20	0.600	0.15	F959 / 2	959.40	1.00	0.500	0.30
F330 / 2	330.00	1.00	0.400	0.15	F1240 / 10	1240.00	1.20	0.800	0.60
F435 / 2	435.00	0.80	0.400	0.15	F1458 / 9	1458.50	2.60	0.450	0.30
F502 / 7	501.84	1.00	0.500	0.30	F1780 / 10	1780.00	1.40	0.600	0.60

Ordering example: TRULY ENDLESS Timing Belt 10 F330/2 SFX

Belt Width \_\_\_\_\_

Type \_\_\_\_\_

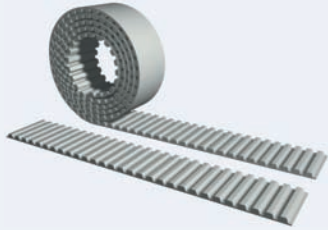
Truly Endless Length Code SFX \_\_\_\_\_

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F1.0



**STEEL** Tension Member — standard



### OPEN ENDED – M



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
8 10 12 20

**Lengths:** Any length available – Stock Rolls: 50 meters

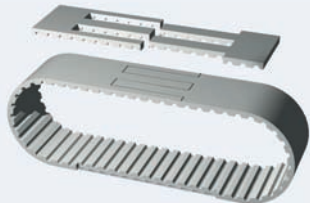
**Ordering example:** BRECO Flat Belt **20 F1.0 / 1800 M**

Belt Width

Pitch

Length

Open Ended Length Code M



### SPLICED AND WELDED ENDLESS – V

– on request –

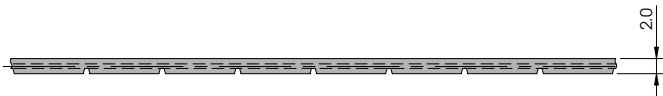


Pulleys  
page 168

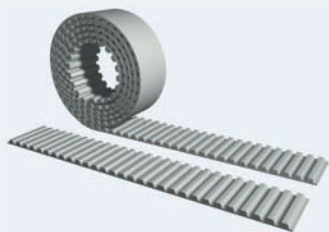
# POLYURETHANE TIMING BELTS

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F2.0



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### OPEN ENDED – M



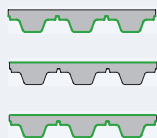
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 25 32 50 75 100

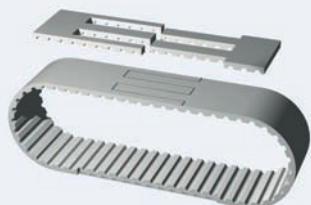
**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



**Ordering example:** BRECO Flat Belt **50 F2.0 / 1800 M**



### SPLICED AND WELDED ENDLESS – V



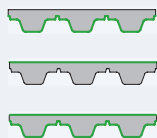
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 25 32 50 75 100

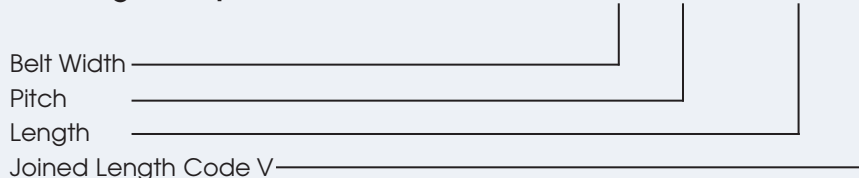
**Lengths:** Minimum Joined Length: 880 mm  
 Length of flat belt can be specified in 10 mm increments

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



**Ordering example:** BRECO Flat Belt **50 F2.0 / 1800 V**

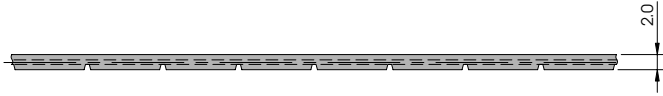




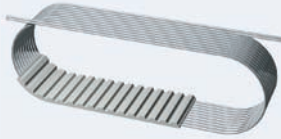
# POLYURETHANE TIMING BELTS

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F2.0



**STEEL** Tension Member — standard  
**KEVLAR®** Tension Member — optional



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
 16 25 32 50 75 100

Pitch / Length
F2 / 1500
F2 / 1550
F2 / 1600
F2 / 1650
F2 / 1700
F2 / 1750

Pitch / Length
F2 / 1800
F2 / 1850
F2 / 1900
F2 / 1950
F2 / 2000
F2 / 2100

Pitch / Length
F2 / 2500
F2 / 3000
F2 / 4000
F2 / 5000

Further lengths up to 20,000 mm available.  
 Length of belt can be increased in increments of 10 mm from minimum length of 1,500 mm.

**Ordering example: BRECOFLEX Flat Belt 50 F2.0 / 3000 BFX**



**Available Options (page 149):**

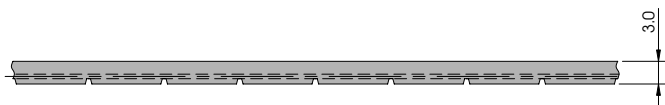
- PAZ



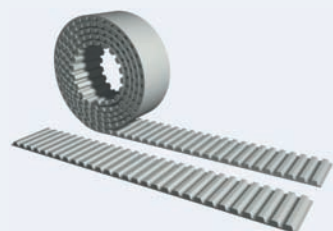
# POLYURETHANE TIMING BELTS

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F3.0



**STEEL** Tension Member — standard



### OPEN ENDED – M



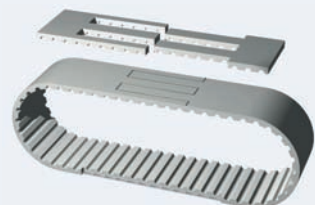
Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
30 50 100

**Lengths:** Any length available – Stock Rolls: 50 meters

**Ordering example:** BRECO Flat Belt **30 F3.0 / 1800 M**

Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Open Ended Length Code M \_\_\_\_\_



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
30 50 100

**Lengths:** Minimum Joined Length: 880 mm  
Length of flat belt can be specified in 10 mm increments

**Ordering example:** BRECO Flat Belt **30 F3.0 / 1800 V**

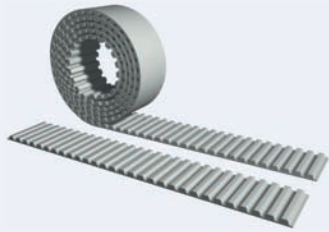
Belt Width \_\_\_\_\_  
Pitch \_\_\_\_\_  
Length \_\_\_\_\_  
Joined Length Code V \_\_\_\_\_

## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# F6.0



**STEEL** Tension Member — standard



### OPEN ENDED – M



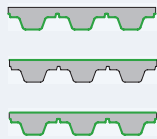
Pulleys  
page 168

**Widths:** Standard Belt Width in mm:  
30

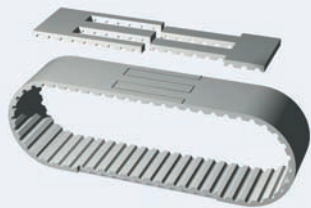
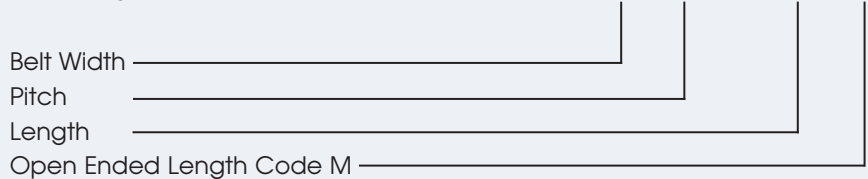
**Lengths:** Any length available – Stock Rolls: 50 meters

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



**Ordering example:** BRECO Flat Belt **30 F6.0 / 1800 M**



### SPLICED AND WELDED ENDLESS – V



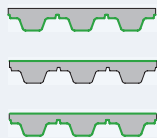
Pulleys  
page 168

**Widths:** Standard Belt Width in mm:  
30

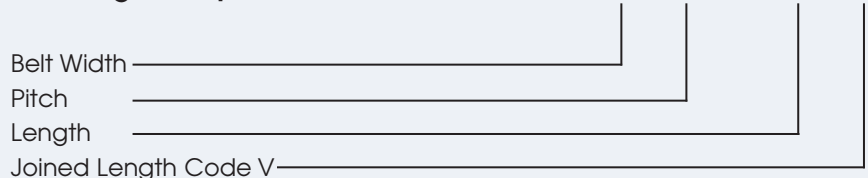
**Lengths:** Minimum Joined Length: 880 mm  
Length of flat belt can be specified in 10 mm increments

Available Options (page 149):

- PAZ
- PAR
- PAZ-PAR



**Ordering example:** BRECO Flat Belt **30 F6.0 / 1800 V**



# POLYURETHANE TIMING BELTS

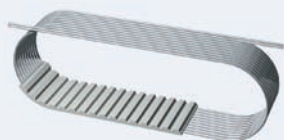
## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# AF

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6 8 10 12 16 20 25 32 50 100

Type	Length (mm)	e (mm)	u (mm)	de (mm)	Type	Length (mm)	e (mm)	u (mm)	de (mm)
AF24	113.08	0.80	0.275	0.15	AF108	508.39	0.70	0.275	0.15
AF56	263.16	0.80	0.400	0.15	AF138	649.60	0.80	0.275	0.15
AF67	315.70	0.70	0.275	0.15	AF140	659.03	0.60	0.275	0.15
AF76	357.30	0.80	0.400	0.15	AF148	695.57	0.80	0.275	0.15
AF87	409.57	0.85	0.575	0.15					

Ordering example: TRULY ENDLESS Flat Belt 10 AF108 SFX

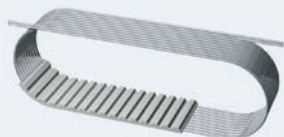
Belt Width \_\_\_\_\_  
 Type \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_

# BF

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):  
6 8 10 12 16 20 25 32 50 100

Type	Length (mm)	e (mm)	u (mm)	de (mm)	Type	Length (mm)	e (mm)	u (mm)	de (mm)
BF44	345.57	0.90	0.450	0.30	BF67	525.70	0.90	0.450	0.30
BF64	501.85	0.90	0.450	0.30	BF70	548.90	0.90	0.450	0.30

Ordering example: TRULY ENDLESS Flat Belt 10 BF67 SFX

Belt Width \_\_\_\_\_  
 Type \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_

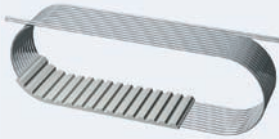
## SUPPORTED POLYURETHANE FLAT BELT-SERIES

# CF

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Length (mm)	e (mm)	u (mm)	de (mm)
CF66	828.55	1.40	0.700	0.60

Ordering example: TRULY ENDLESS Flat Belt 10 CF66 SFX

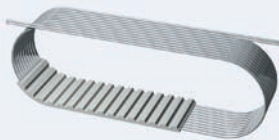
Belt Width \_\_\_\_\_  
 Type \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_

# DF

For replacements only



STEEL Tension Member — standard



### TRULY ENDLESS - SFX



Pulleys  
page 168

**Widths:** Standard Belt Widths in mm (in between widths available):

6 8 10 12 16 20 25 32 50 100

Type	Length (mm)	e (mm)	u (mm)	de (mm)
DF45	282.74	0.90	0.450	0.30
DF130	815.34	0.90	0.450	0.30
DF153	959.40	0.90	0.450	0.30

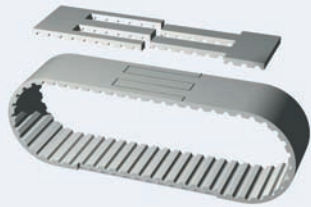
Ordering example: TRULY ENDLESS Flat Belt 10 DF130 SFX

Belt Width \_\_\_\_\_  
 Type \_\_\_\_\_  
 Truly Endless Length Code SFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## POLYURETHANE V-BELT-SERIES

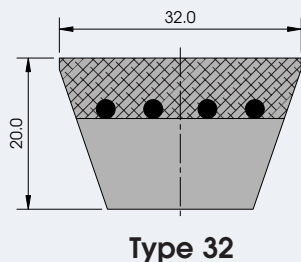
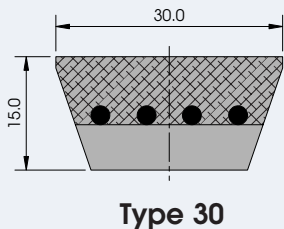
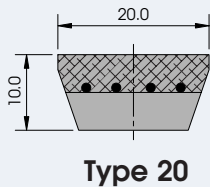
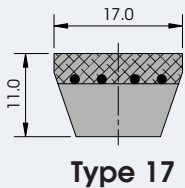
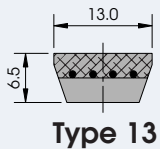
# FERROPAN STEEL Tension Member — standard



### SPLICED AND WELDED ENDLESS – V



Pulleys  
page 168



Type	13	17	20	30	32
Belt widths b (mm)	13	17	20	30	32
Belt height h (mm)	6.5	11	10	15	20
Pitch (serration) † (mm)	8	10	10	15	15
Angle $\alpha$	38°	38°	38°	38°	38°
hw-Value	3.25	4.0	5.0	9.0	8.0
Coefficient of friction (steel)	0.7	0.7	0.7	0.7	0.7
Minimum joined length (mm)	1200	1500	1600	2010	2505

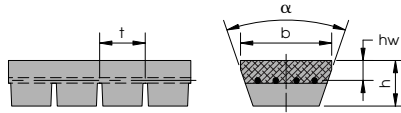
Length of V-Belt can be specified in pitch increments.

Ordering example: FERROPAN V-Belt **20** FERROPAN / **2360** V

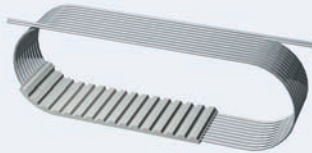
Belt Width \_\_\_\_\_  
 Pitch \_\_\_\_\_  
 Length \_\_\_\_\_  
 Joined Length Code V \_\_\_\_\_

## POLYURETHANE V-BELT-SERIES

# FERROPAN



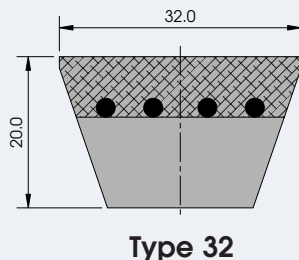
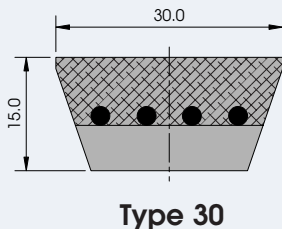
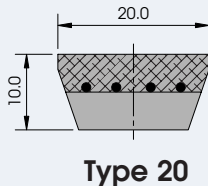
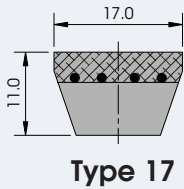
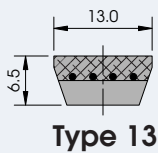
STEEL Tension Member — standard



### TRULY ENDLESS - BFX



Pulleys  
page 168



Type	13	17	20	30	32
Belt widths b (mm)	13	17	20	30	32
Belt height h (mm)	6.5	11	10	15	20
Pitch (serration) † (mm)	8	10	10	15	15
Angle $\alpha$	38°	38°	38°	38°	38°
hw-Value	3.25	4.0	5.0	9.0	8.0
Coefficient of friction (steel)	0.7	0.7	0.7	0.7	0.7
Minimum endless length (mm)	2504	2500	2500	2505	2505

Length of V-Belt can be increased in pitch increments from minimum length.

Ordering example: FERROPAN V-Belt **20** FERROPAN / **2500** **BFX**

Belt Width \_\_\_\_\_

Pitch \_\_\_\_\_

Length \_\_\_\_\_

Truly Endless Length Code BFX \_\_\_\_\_

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (kg/m)
T-Series	T2	2	M	360	90	—	$1.34 \times 10^4$	0.012
			V	—	—	—	—	
			BFX	500	125	$3.13 \times 10^4$	$1.87 \times 10^4$	
	T2.5	2.5	M	392	98	$2.45 \times 10^4$	—	0.017
			V	—	49	—	—	
			BFX	500	125	$3.13 \times 10^4$	$1.87 \times 10^4$	
	T5	5	M	1344	336	$8.40 \times 10^4$	$5.01 \times 10^4$	0.021
			V	—	168	—	—	
			BFX	1572	393	$9.83 \times 10^4$	$5.87 \times 10^4$	
	T10	10	M	3520	880	$2.20 \times 10^5$	$1.31 \times 10^5$	0.045
			V	—	440	—	—	
			BFX	3120	780	$1.95 \times 10^5$	$1.16 \times 10^5$	
T20	20	M	5600	1400	$3.50 \times 10^5$	$2.09 \times 10^5$	0.074	
		V	—	700	—	—		
		BFX	6400	1600	$4.00 \times 10^5$	$2.39 \times 10^5$		
AT-Series	AT3	3	M	1600	400	$1.00 \times 10^5$	—	0.022
			V	—	200	—	—	
			BFX	1760	440	$1.10 \times 10^5$	$6.57 \times 10^4$	
	AT5	5	M	2800	700	$1.75 \times 10^5$	$1.04 \times 10^5$	0.033
			V	—	318	—	—	
			BFX	3444	861	$2.15 \times 10^5$	$1.29 \times 10^5$	
	AT10	10	M	6800	1700	$4.25 \times 10^5$	$2.54 \times 10^5$	0.058
			V	—	850	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	$2.39 \times 10^5$	
AT20	20	M	8960	2240	$5.60 \times 10^5$	$3.34 \times 10^5$	0.096	
		V	—	1066	—	—		
		BFX	8640	2160	$5.40 \times 10^5$	—		
REFLEX	AT3 REFLEX GEN III	3	M	—	—	—	—	0.026
			V	—	—	—	—	
			BFX	2600	650	$1.63 \times 10^5$	—	



# POLYURETHANE TIMING BELTS

	Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on Pulley (no Back Bending)	Minimum # of Teeth on Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
	1.1	0.5	$\pm 0.5$	10	18	15	15	T-Series
	1.3	0.7	$\pm 0.5$	15	18	15	18	
	2.2	1.2	$\pm 0.5$	10	15	30	30	
	4.5	2.5	$\pm 0.5$	12	20	60	60	
	8.0	5.0	$\pm 1.0$	15	25	120	120	
	1.9	1.1	$\pm 0.5$	15	25	30	30	AT-Series
	2.7	1.2	$\pm 0.5$	15	20	25	60	
	4.5	2.5	$\pm 0.5$	15	25	50	120	
	8.0	5.0	$\pm 1.0$	18	25	120	180	
	1.9	1.1	$\pm 0.5$	15	20	20	20	REFLEX

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (kg/m)
REDFLEX GEN III-Series	AT5 REDFLEX GEN III	5	M	—	—	—	—	0.036
			V	—	—	—		
			BFX	3644	911	2.28 x 10 <sup>5</sup>		
	AT10 REDFLEX GEN III	10	M	—	—	—	—	0.073
			V	—	—	—		
			BFX	8800	2200	5.50 x 10 <sup>5</sup>		
ATP10 REDFLEX GEN III	10	M	—	—	—	—	0.068	
		V	—	—	—			
		BFX	8800	2200	5.50 x 10 <sup>5</sup>			
ATN-Series	ATN10	10	M	4800	1200	3.00 x 10 <sup>5</sup>	—	0.048
			V	—	400	—	—	
			BFX	—	—	—	—	
	ATN12.7	12.7	M	4800	1200	3.00 x 10 <sup>5</sup>	—	0.044
			V	—	400	—	—	
			BFX	—	—	—	—	
ATN20	20	M	6400	1600	4.00 x 10 <sup>5</sup>	—	0.080	
		V	—	540	—	—		
		BFX	—	—	—	—		
ATL-Series	ATL5	5	M	3360	840	2.10 x 10 <sup>5</sup>	—	0.037
			V	—	—	—	—	
			BFX	—	—	—	—	
	ATL10	10	M	8960	2240	5.60 x 10 <sup>5</sup>	—	0.068
			V	—	—	—	—	
			BFX	—	—	—	—	
ATL20	20	M	12600	3150	7.88 x 10 <sup>5</sup>	—	0.110	
		V	—	—	—	—		
		BFX	—	—	—	—		
ATP	ATP10	10	M	—	—	—	—	0.060
			V	—	—	—	—	
			BFX	6520	1630	4.08 x 10 <sup>5</sup>	—	

# POLYURETHANE TIMING BELTS

	Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on Pulley (no Back Bending)	Minimum # of Teeth on Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
	2.7	1.2	$\pm 0.5$	15	20	25	60	REDFLEX GEN III-Series
	5.0	2.5	$\pm 0.5$	15	25	50	120	
	5.0	2.5	$\pm 0.5$	20	25	60	120	
	4.5	2.5	$\pm 0.5$	25	—	80	—	ATN-Series
	4.5	2.5	$\pm 0.5$	20	—	80	—	
	8.0	5.0	$\pm 0.5$	20	—	125	—	
	2.9	1.2	$\pm 0.5$	25	25	40	60	ATL-Series
	4.8	2.5	$\pm 0.5$	25	25	80	150	
	8.4	5.0	$\pm 0.5$	25	25	160	250	
	5.0	2.5	$\pm 0.5$	15	25	50	120	ATP

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (kg/m)
ATP	ATP15	15	M	—	—	—	—	0.080
			V	—	—	—		
			BFX	9720	2430	$6.08 \times 10^5$	—	
Imperial-Series	MXL	2.032	M	360	90	—	$1.34 \times 10^4$	0.012
			V	—	—	—	—	
			BFX	500	125	$3.13 \times 10^4$	$1.87 \times 10^4$	
	XL	5.080	M	1320	330	$8.25 \times 10^4$	$4.93 \times 10^4$	0.023
			V	—	165	—	—	
			BFX	1464	366	$9.15 \times 10^4$	$5.46 \times 10^4$	
	L	9.525	M	2752	688	$1.72 \times 10^5$	$1.03 \times 10^5$	0.035
			V	—	344	—	—	
			BFX	2480	620	$1.55 \times 10^5$	$9.25 \times 10^4$	
	H	12.700	M	3464	866	$2.17 \times 10^5$	$1.29 \times 10^5$	0.043
			V	—	433	—	—	
			BFX	3108	777	$1.94 \times 10^5$	$1.16 \times 10^5$	
XH	22.225	M	5508	1307	$3.44 \times 10^5$	$2.06 \times 10^5$	0.104	
		V	—	688	—	—		
		BFX	6400	1600	$4.00 \times 10^5$	$2.39 \times 10^5$		
Arc-Power-Series	BAT10	10	M	6400	1600	$4.00 \times 10^5$	$2.39 \times 10^5$	0.058
			V	—	850	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
	BATK10	10	M	6400	1600	$4.00 \times 10^5$	$2.39 \times 10^5$	0.058
			V	—	850	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
SFAT-Series	SFAT10	10	M	6400	1600	$4.00 \times 10^5$	—	0.058
			V	—	800	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
	SFAT15	15	M	—	—	—	—	0.087
			V	—	—	—	—	
			BFX	8480	2120	$5.30 \times 10^5$	—	

# POLYURETHANE TIMING BELTS

	Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on Pulley (no Back Bending)	Minimum # of Teeth on Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
	6.6	3.75	$\pm 0.5$	20	30	100	160	ATP
	1.15	0.51	$\pm 0.5$	10	18	15	15	Imperial-Series
	2.54	1.32	$\pm 0.5$	10	15	30	30	
	3.55	1.85	$\pm 0.5$	15	20	60	60	
	4.18	2.18	$\pm 0.5$	14	20	60	80	
	11.07	6.22	$\pm 1.0$	18	25	150	180	
	4.5	2.5	$\pm 0.5$	20	25	60	120	Arc-Power-Series
	4.5	2.5	$\pm 0.5$	20	25	60	120	
	4.5	2.5	$\pm 0.5$	15	25	50	120	SFAT-Series
	6.3	3.8	$\pm 0.5$	20	25	100	150	

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (kg/m)
SFAT	SFAT20	20	M	8960	2240	$5.60 \times 10^5$	—	0.096
			V	—	1120	—	—	
			BFX	8480	2120	$5.30 \times 10^5$	—	
Double-Sided Series	T5-DL	5	M	1344	336	$8.40 \times 10^4$	$5.01 \times 10^4$	0.028
			V	—	168	—	—	
			BFX	1572	393	$9.83 \times 10^4$	—	
	T10-DL	10	M	3520	880	$2.20 \times 10^5$	$1.31 \times 10^5$	0.058
			V	—	440	—	—	
			BFX	3120	780	$1.95 \times 10^5$	—	
	T20-DL	20	M	5600	1400	$3.50 \times 10^5$	$2.09 \times 10^5$	0.100
			V	—	700	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
	AT5-DL	5	M	—	—	—	—	0.041
			V	—	—	—	—	
			BFX	3444	861	$2.15 \times 10^5$	—	
	AT10-DL	10	M	—	—	—	—	0.076
			V	—	—	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
	ATK10K6-DL	10	M	—	—	—	—	0.077
			V	—	—	—	—	
			BFX	6400	1600	$4.00 \times 10^5$	—	
	AT20-DL	20	M	—	—	—	—	0.125
			V	—	—	—	—	
			BFX	8640	2160	$5.40 \times 10^5$	—	
	H-DL	12.7	M	—	—	—	—	0.052
			V	—	—	—	—	
			BFX	3108	777	$1.94 \times 10^5$	—	
HTD	HTD 3M HP	3	M	1200	300	$7.50 \times 10^4$	—	0.031
			V	—	—	—	—	
			BFX	—	—	—	—	

# POLYURETHANE TIMING BELTS

	Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on Pulley (no Back Bending)	Minimum # of Teeth on Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
	8.0	5.0	$\pm 1.0$	18	25	120	180	SFAT
	3.2	1.2	$\pm 0.5$	15	15	30	30	Double-Sided Series
	6.8	2.5	$\pm 0.5$	20	20	60	60	
	12.2	5.0	$\pm 1.0$	25	25	150	180	
	3.5	1.2	$\pm 0.5$	20	20	25	60	
	6.5	2.5	$\pm 0.5$	25	25	80	120	
	8.0	2.5	$\pm 0.5$	25	25	80	120	
	12.0	5.0	$\pm 1.0$	25	25	120	180	
	5.51	2.18	$\pm 0.5$	20	25	80	80	
	2.4	1.2	$\pm 0.5$	20	20	19	30	HTD

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (kg/m)
HTD-Series	HTD 5M HP	5	M	2600	650	1.63 x 10 <sup>5</sup>	—	0.041
			V	—	—	—	—	
			BFX	—	—	—	—	
	HTD 5M HF	5	M	1200	300	7.50 x 10 <sup>4</sup>	—	0.034
			V	—	150	—	—	
			BFX	—	—	—	—	
	HTD 8M HP	8	M	4800	1200	3.05 x 10 <sup>5</sup>	—	0.063
			V	—	—	—	—	
			BFX	—	—	—	—	
	HTD 8M HF	8	M	2600	650	1.63 x 10 <sup>5</sup>	—	0.054
			V	—	325	—	—	
			BFX	—	—	—	—	
	HTD 8M	8	M	—	—	—	—	0.058
			V	—	—	—	—	
			BFX	3120	780	1.95 x 10 <sup>5</sup>	—	
	HTD 14M HP	14	M	8400	2100	5.25 x 10 <sup>5</sup>	—	0.113
			V	—	—	—	—	
			BFX	—	—	—	—	
HTD 14M HF	14	M	4800	1200	3.05 x 10 <sup>5</sup>	—	0.104	
		V	—	—	—	—		
		BFX	—	—	—	—		
STD-Series	STD S5M HP	5	M	2600	650	1.63 x 10 <sup>5</sup>	—	0.039
			V	—	—	—	—	
			BFX	—	—	—	—	
	STD S5M HF	5	M	1200	300	7.50 x 10 <sup>4</sup>	—	0.032
			V	—	—	—	—	
			BFX	—	—	—	—	
	STD S8M HP	8	M	4800	1200	3.05 x 10 <sup>5</sup>	—	0.062
			V	—	—	—	—	
			BFX	—	—	—	—	



# POLYURETHANE TIMING BELTS

	Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on Pulley (no Back Bending)	Minimum # of Teeth on Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
	3.6	2.1	$\pm 0.5$	16	16	25	50	HTD-Series
	3.6	2.1	$\pm 0.5$	12	12	19	30	
	5.6	3.4	$\pm 0.5$	20	20	50	100	
	5.6	3.4	$\pm 0.5$	16	16	40	60	
	5.6	3.4	$\pm 0.5$	16	16	40	60	
	10.0	6.1	$\pm 1.0$	26	26	115	180	
	10.0	6.1	$\pm 1.0$	18	18	80	120	
	3.4	1.9	$\pm 0.5$	16	16	25	50	
	3.4	1.9	$\pm 0.5$	12	12	19	30	
	5.2	3.0	$\pm 0.5$	20	20	50	100	

# POLYURETHANE TIMING BELTS

## SPECIFICATION CHART

**NOTE:**

Additional information and calculation examples see: FAQ at [www.brecoflex.com](http://www.brecoflex.com)

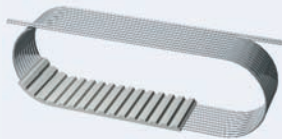
		Pitch (mm)	Code	Ultimate Tensile Strength (per 10 mm belt width) (N/10mm) (FERROPAN: N/cross section)	Maximum Allowable Tensile Strength (per 10 mm belt width) (N/10mm) (FERROPAN: N/cross section)	Specific Belt Stiffness Steel reinforced (N/10mm belt width)	Specific Belt Stiffness Kevlar reinforced (N/10mm belt width)	Specific Belt Mass (per 10 mm belt width, steel reinforced) (FERROPAN: per cross section) (kg/m)		
STD	STD S8M HF	8	M	2600	650	1.63 x 10 <sup>5</sup>	—	0.052		
			V	—	—	—	—			
			BFX	—	—	—	—			
FLATBELT-Series	F1.0	—	M	1000	250	6.25 x 10 <sup>4</sup>	—	0.015		
			V	—	—	—	—			
			BFX	—	—	—	—			
	F2.0	—	—	M	3360	840	2.1 x 10 <sup>5</sup>	1.25 x 10 <sup>5</sup>	0.030	
				V	—	420	—	—		
				BFX	3120	780	1.95 x 10 <sup>5</sup>	1.16 x 10 <sup>5</sup>		
	F3.0	—	—	M	12320	3080	7.70 x 10 <sup>5</sup>	—	0.068	
				V	—	1540	—	—		
				BFX	—	—	—	—		
	F6.0	—	—	M	1600	400	1.00 x 10 <sup>5</sup>	—	0.080	
				V	—	200	—	—		
				BFX	—	—	—	—		
FERROPAN V-BELT-Series	Type 13	—	—	M	—	—	—	0.100		
				V	1800	400	—	—		
				BFX	3900	1000	—	—		
	Type 17	—	—	—	M	—	—	—	0.220	
					V	3900	800	—	—	
					BFX	6400	1600	—	—	
	Type 20	—	—	—	M	—	—	—	0.250	
					V	3900	800	—	—	
					BFX	6400	1600	—	—	
	Type 30	—	—	—	M	—	—	—	0.580	
					V	12500	2500	—	—	
					BFX	13200	3300	—	—	
Type 32	—	—	—	M	—	—	—	0.750		
				V	12500	2500	—	—		
				BFX	13200	3300	—	—		

# POLYURETHANE TIMING BELTS

Overall Thickness (mm)	Tooth Height (mm)	Belt Width Tolerance (mm)	Minimum # of Teeth on $\phi$ (in mm) of Pulley (no Back Bending)	Minimum # of Teeth or $\phi$ (in mm) of Pulley with Back Bending	Minimum $\phi$ of Flat Pulley Running on Tooth Side (mm)	Minimum $\phi$ of Flat Pulley Running on Belt Back (mm)	
5.2	3.0	$\pm 0.5$	16	16	40	60	STD
1.0	—	$\pm 0.5$	$\phi 16$	$\phi 30$	16	30	FLATBELT-Series
2.0	—	$\pm 0.5$	$\phi 30$	$\phi 30$	30	60	
3.0	—	$\pm 0.5$	$\phi 120$	$\phi 120$	120	150	
6.0	—	$\pm 0.5$	$\phi 75$	$\phi 100$	75	150	
6.5	—	$\pm 0.5$	$\phi 75$	$\phi 100$	75	150	FERROPAN V-BELT-Series
11.0	—	$\pm 0.5$	$\phi 110$	$\phi 160$	110	210	
10.0	—	$\pm 0.5$	$\phi 100$	$\phi 150$	100	200	
15.0	—	$\pm 0.5$	$\phi 200$	$\phi 250$	200	400	
20.0	—	$\pm 0.5$	$\phi 200$	$\phi 250$	200	450	

# POLYURETHANE TIMING BELTS

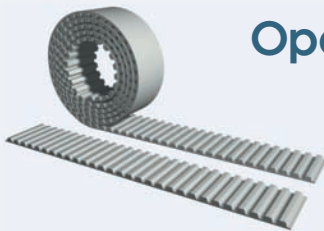
## LENGTH TOLERANCES



### TRULY ENDLESS - BFX

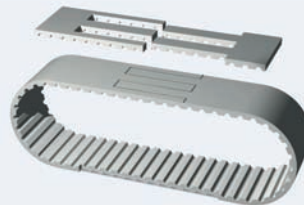
Belt Length up to	Length Tolerance*
300 mm	± 0.41 mm
500 mm	± 0.53 mm
700 mm	± 0.64 mm
900 mm	± 0.75 mm
1100 mm	± 0.85 mm
1300 mm	± 0.95 mm
1500 mm	± 1.04 mm
1700 mm	± 1.13 mm
1900 mm	± 1.22 mm
2120 mm	± 1.31 mm
2240 mm	± 1.36 mm
2360 mm	± 1.44 mm
2500 mm	± 1.49 mm
2650 mm	± 1.57 mm
2800 mm	± 1.61 mm
3000 mm	± 1.70 mm
3150 mm	± 1.74 mm

Belt Length up to	Length Tolerance*
3350 mm	± 1.82 mm
3550 mm	± 1.91 mm
3750 mm	± 2.03 mm
4000 mm	± 2.11 mm
4250 mm	± 2.24 mm
4500 mm	± 2.32 mm
4750 mm	± 2.40 mm
5000 mm	± 2.52 mm
5300 mm	± 2.64 mm
5600 mm	± 2.72 mm
6000 mm	± 2.92 mm
6300 mm	± 3.04 mm
6700 mm	± 3.19 mm
7100 mm	± 3.35 mm
7500 mm	± 3.51 mm
8000 mm	± 3.70 mm
9000 mm	± 4.09 mm



### Open Ended - M

Length Tolerance*
± 0.8 mm/m



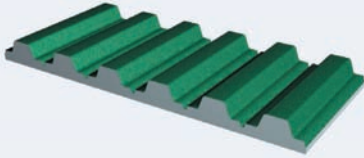
### Spliced and Welded Endless - V

Length Tolerance*
± 0.8 mm/m

\* Reduced and Negative Length Tolerances upon Request

## TIMING BELT OPTIONS

**PAZ**

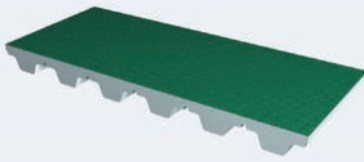


**Nylon facing on tooth side**

- Reduced coefficient of friction
- Improved belt/pulley engagement
- Reduced noise and vibration
- Lower friction force when used with metal support

**Suffix: PAZ**

**PAR**

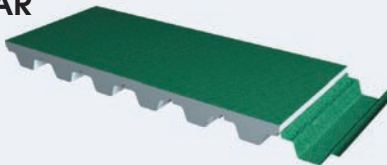


**Nylon facing on belt back**

- Reduced coefficient of friction
- Ideal for accumulator conveyor
- Resistant to most oils and greases

**Suffix: PAR**

**PAZ-PAR**

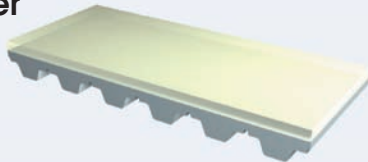


**Nylon facing on tooth side and belt back**

- Reduced coefficient of friction
- Resistant to most oils and greases
- Combines advantages of PAZ and PAR

**Suffix: PAZ-PAR**

**T-Cover**

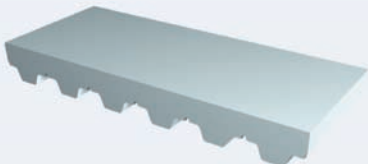


**Extra thick polyurethane belt back cover**

- 85 durometer
- 2 mm thick (T5 1.5 mm)
- Wear and abrasion resistant
- Higher friction ideal for smooth surfaces, i.e. glass, metal, wood

**Suffix: T**

**DR**

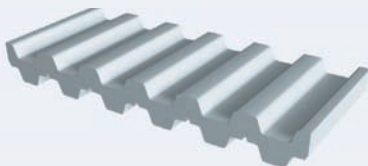


**Extra thick polyurethane belt back**

- Homogeneous
- Perfect for longitudinal and/or lateral machining
- Extended service life for high wear (abrasive) conveying applications

**Suffix: DR**

**DL**



**Double sided timing belt**

- Transmits power on both sides of the belt
- Ideal for serpentine drives
- For available pitches see page xyz-sdf

**Suffix: DL**

Add above suffix to timing belt part number, for example: 25 T10 / 5000 V **PAZ-PAR**

# POLYURETHANE TIMING BELTS

## TIMING BELT MATERIALS

BRECOflex CO., L.L.C. manufactures high precision timing belts with the most advanced materials available. Extremely wear resistant polyurethane materials and high tensile braided steel tension members or Kevlar® tension members are selected for their unique properties. The combination of the superior materials results in timing belts with a fine balance of high strength and high flexibility. BRECOflex CO., L.L.C. offers the best performing timing belts available in the market place.

### Strength and Flexibility – The Perfect Combination

#### Polyurethane

Polyurethane is the obvious choice for high strength timing belts. BRECOflex CO., L.L.C. offers many polyurethane polyester elastomers to meet various application requirements.

NOTE: Certain materials may require minimum quantities.

All of our many specially selected polyurethane materials offer the following properties:

- extremely wear resistant
- extensive temperature range
- resistant to petroleum, oils and fats
- ozone and sunlight resistant
- no lubrication required
- high tooth shear strength
- high tear resistance
- allows belt processing with no loss in material properties
- non-marking

#### General Use:

Type	Products	Color	Hardness	Temperature range	Comment
TPU-ST1	all belt types, BFX-belts > 720mm, profiles	white (special colors available)	92 Shore A	0°C to +80°C (+32°F to +176°F)	- great performance characteristics - suitable for most applications - standard material with steel cord
TPU-ST2	all belt types, BFX-belts > 720mm, profiles	transparent	85 Shore A	+5°C to +50°C (+41°F to +122°F)	- higher coefficient of friction - softer profile material - flexible at lower temperature - increased resistance to hydrolysis - standard material with Kevlar® Cord
TPU-ST3	BFX-belts ≤ 720mm	transparent	92 Shore A	0°C to +80°C (+32°F to +176°F)	- meets FDA-Regulations
TPU-N1	profiles	white	96 Shore A	0°C to +80°C (+32°F to +176°F)	- high wear resistance - for thin wall profiles
TPU-N2	profiles	transparent	98 Shore A	0°C to +80°C (+32°F to +176°F)	- high wear resistance - for thin wall profiles - fiber glass reinforced
TPU-B1	profiles	transparent	60 Shore A	0°C to +80°C (+32°F to +176°F)	- highly flexible - high coefficient of friction - delicate product conveying

NOTE: Standard temperature ranges may be exceeded under specific conditions.

Please contact BRECOflex CO., L.L.C. Engineering Department for further information.

# POLYURETHANE TIMING BELTS

## General Use (cont.) :

Type	Products	Color	Hardness	Temperature range	Comment
PA-N1	ATN-profiles	black	—	0°C to +80°C (+32°F to +176°F)	- contact temp. up to 120°C - E-modulus: 14.500 N/mm <sup>2</sup> - fiber glass reinforced
TPU-SM1	ATP-Timing Belts	transparent	92 Shore A	0°C to +80°C (+32°F to +176°F)	- for ATP timing belts only

## Food Grade:

Type	Products	Color	Hardness	Temperature range	Comment
TPU-FDA1	all belt types, all BFX-belt sizes, profiles	transparent	92 Shore A	0°C to +80°C (+32°F to +176°F)	- suitable for intermittent cleaning with diluted cleaning agents - meets FDA-Regulations
TPU-FDA2	all belt types, BFX-belts > 720mm, profiles	transparent	85 Shore A	+5°C to +50°C (+41°F to +122°F)	- suitable for intermittent cleaning with diluted cleaning agents - higher coefficient of friction - meets FDA-Regulations
TPU-AU1	all belt types, BFX-belts > 720mm, profiles	transparent	92 Shore A	0°C to +50°C (+32°F to +122°F)	- suitable for continuous cleaning with diluted cleaning agents - meets FDA-Regulations

## Low Ambient Temperatures:

Type	Products	Color	Hardness	Temperature range	Comment
TPU-KF1	all belt types, BFX-belts > 720mm, profiles	transparent	85 Shore A	-25°C to +5°C (-13°F to +41°F)	- reduced strength during cold start up - high resistance to hydrolysis and bacteria
TPU-KF2	all belt types, BFX-belts > 720mm, profiles	transparent	82 Shore A	-30°C to -10°C (-22°F to +14°F)	- reduced strength during cold start up - high resistance to hydrolysis

## High Ambient Temperatures:

Type	Products	Color	Hardness	Temperature range	Comment
TPU-WB	all belt types, profiles	white	94 Shore A	+20°C to +110°C (+68°F to +230°F)	- reduced strength during high temperature operation - not available with PAZ and PAR

NOTE: Standard temperature ranges may be exceeded under specific conditions.

Please contact BRECOflex CO., L.L.C. Engineering Department for further information.

# POLYURETHANE TIMING BELTS

## TENSION MEMBERS

High strength steel or Kevlar® tension members are the perfect match for our advanced polyurethane materials. The selected cords give BRECOflex timing belts low elongation for high accuracy and high flexibility for long service life. In addition, with no permanent elongation, retensioning over time is not required.

These special tension members provide the following superior timing belt characteristics:

- highest efficiency
- most desirable strength/flex characteristics
- maximum accuracy
- high repeatability
- extreme flexibility
- compact design
- outstanding reliability
- long service life

**The following tension member types are available to meet your specific application requirements:**

### High Carbon Steel

- standard tension member
- mild corrosion resistance
- high spring rate

### Kevlar®

- excellent chemical and corrosion resistance
- non-metallic
- also available with Food Grade Urethane materials

### Stainless Steel

- chemical and corrosion resistance
- also available with Food Grade Urethane materials
- high spring rate

### Hi-Flex Steel

- extended belt life (frequent bending and/or small pulley diameters)
- mild corrosion resistance
- high spring rate



## TENSION MEMBER ARRANGEMENT

### Balanced Tension Member Arrangement for true tracking - Bifilar Design

The bifilar tension member arrangement is the most advanced concept in tension member placement. Tension members with "S" (left-hand lay) and "Z" (right-hand lay) are used alternately to balance the timing belt for true tracking.

BRECO V spliced and welded endless belts and BRECO M open ended belting are produced in the bifilar tension member arrangement spaced parallel and symmetrical across the timing belt width. The tension member diameter and cable spacing determine the tensile strength which is appropriate for each timing belt pitch.

BRECOFLEX truly-endless timing belts are manufactured with two helically wound tension members in the bifilar arrangement across the entire timing belt width. The result is a completely continuous uninterrupted timing belt with no joints. Tracking is greatly improved with the BRECOflex CO., L.L.C. truly endless bifilar design compared to standard single lay tension member designs.

### Tension Free Zones

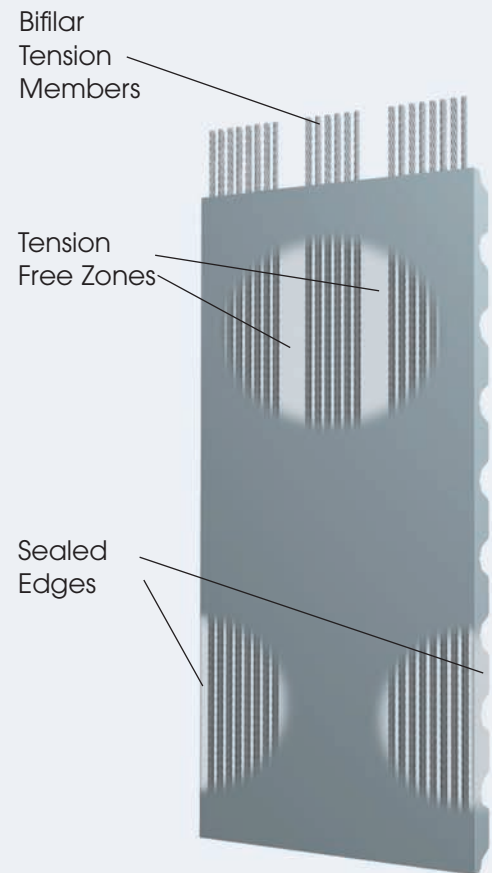
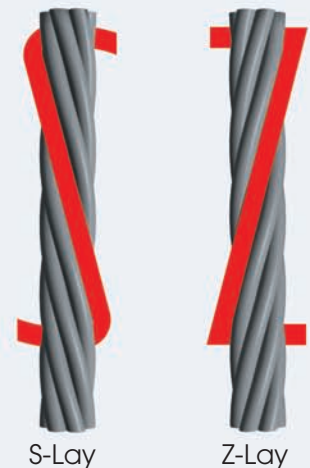
Tension free zones are available with most timing belts. Special processes allow sections of timing belt widths to be manufactured with no tension member reinforcement. Tension free zones allow for very clean vacuum hole perforation, longitudinal grinding or virtually no tension member penetration with truly endless BRECOFLEX timing belts.

### Sealed Edges

BRECO M open ended and BRECO V spliced and welded endless timing belts are designed with tension member arrangements that provide the advantage of sealed edges for standard belt widths. Special belt widths are possible. Minimum quantities are required.

Advantages of sealed edges:

- reduce belt edge wear
- prevent pulley damage
- smoother running
- safer operation



# POLYURETHANE TIMING BELTS

## Strength and Flexibility

The timing belt strength and spring rate is determined by the tension member construction and placement. BRECOflex CO., L.L.C. utilizes an advanced tension member construction with many small diameter filaments to achieve a strong and flexible timing belt. Competitive designs are stiffer and are more prone to fatigue of the tension members, resulting in reduced service life.

The tension member construction also greatly influences the tooth shear strength and the power that can be transmitted. The BRECOflex CO., L.L.C. design allows the urethane to fully bond all strands within a tension member cord. Competitive designs only encapsulate the outer layer of the tension member, leaving voids at the inner section of the cord. **Comparative bonding pull tests have shown that BRECOflex CO., L.L.C. timing belts achieve up to 40% higher bonding strength.**

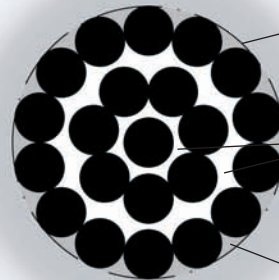
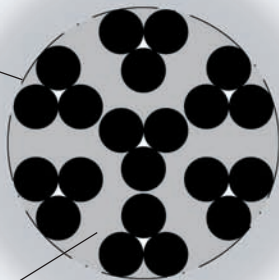
## Tension Member Cross Sections and Bonding Characteristics

### BRECOflex CO., L.L.C.

### Competition

Tension Member  
Cross Section

Tension Member  
Cross Section



Complete  
Polyurethane  
Penetration

No Internal  
Polyurethane  
Penetration

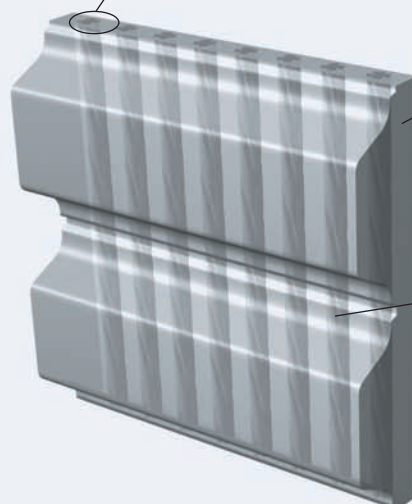
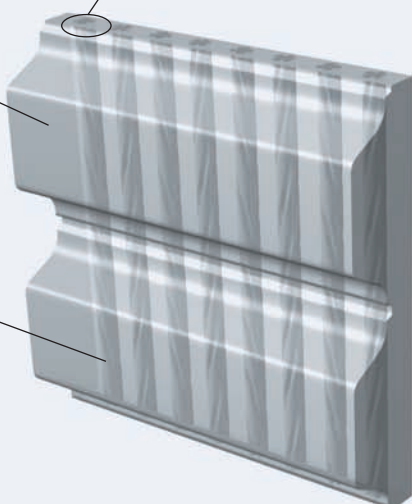
Polyurethane

Only Surface  
Polyurethane  
Penetration

Tension  
Member

Polyurethane

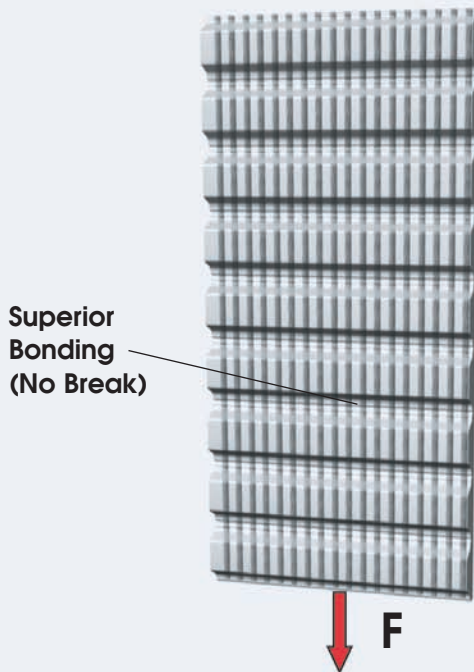
Tension  
Member



# POLYURETHANE TIMING BELTS

## Comparative Pull Test at Equal Force

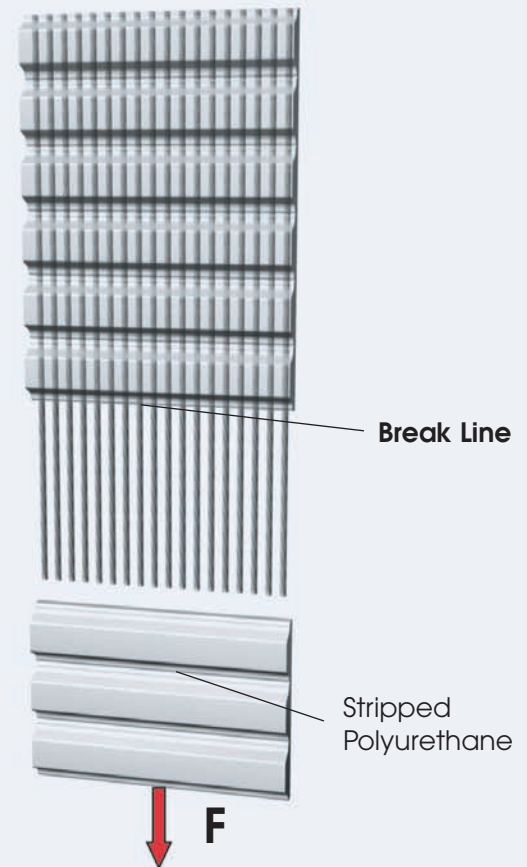
**BRECOflex CO., L.L.C.**



### Advantages of BRECOflex CO., L.L.C. Tension Member Construction

- Higher efficiency
- Higher flexibility
- Longer service life
- Superior bonding

**Competition**



### Options

For special application requirements: tension member diameters, filament diameters, construction, and spacing can be tailored to meet specific needs.

### Hi-Flex

Hi-Flex timing belts achieve a higher flexibility and equal strength with an increased number of smaller diameter filaments, providing extended service life in applications with frequent bending and small pulley diameters.


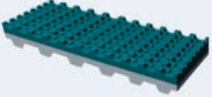








### Increased diameter

Timing belts with larger cord diameters achieve a higher tensile strength and spring rate for long belt length applications and high power requirements.

# POLYURETHANE TIMING BELTS

## TIMING BELT BACKINGS

Belt backings are available in a wide variety of cover materials which are bonded to the back of a timing belt. Superior know-how and state-of-the-art processes assure a strong high performing bond to the polyurethane belt materials.

<i>Backing Type</i>	<i>Backing Material</i>	<i>Color</i>	<i>Hardness (Shore A)</i> <i>Density (g/dm<sup>3</sup>)</i>	<i>Coefficient of Friction (μ)</i> <i>(static AL)</i>	<i>Thickness (mm)</i>	
	Linatex	Natural Rubber	Red	35	1.1	1.6 - 20
	Supergrip	PVC	Blue Green	30	0.8 0.6	4
	T-Cover / PUR 385	Polyurethane	Transparent	85	0.3 - 0.7	1.5 - 6.0
	PU Yellow	Polyurethane - foam	Yellow	55	0.6	2.0 - 10.0
	PVC Blue	PVC	Blue	40	1.0	1.0
	Correx Gum	Natural Rubber	Brown	40	0.9	6.0 / 10.0
	Porol	Cellular Polyurethane	Black	190 g/dm <sup>3</sup>	0.8	3 / 5 / 10
	Celloflex	Microcellular Polyurethane	Beige	350 g/dm <sup>3</sup>	0.3	2 / 3 / 5
	White Nub	PVC	White	55	0.6	1.65
	D 15	Polyurethane	Natural Green Blue	70	0.8	1.0 - 5.0



# POLYURETHANE TIMING BELTS

Modern backing processes allow covering any polyurethane timing belt. The selection of the most appropriate and best performing backing material depends on the backing characteristics required by each specific application. For more information please see catalog **B208 "Timing Belt Backings"**.

Temperature Range	Resistivity	Applications	Characteristics	Bending Ability*
-40°C / +70°C (-40°F / +158°F)	Simple fats, oils & wet abrasion	Glass industry extruders and conveyors	High friction, high strain & abrasion resistance	Flexible
-15°C / +90°C (+5°F / +194°F)	Simple fats & oils - green only	Diagonal, incline & rising	High friction & wear resistance	Medium Flexible
-20°C / +50°C (-4°F / +122°F)	Simple fats & oils	Conveying of abrasive parts	Highest wear resistance	Stiff
-10°C / +60°C (+14°F / +140°F)	Simple fats & oils	Vacuum & paper applications	Good wear resistance	Stiff Flexible
-15°C / +90°C (+5°F / +194°F)	Simple fats & oils, acids, salts, bases	Paper & wood conveying	High coefficient of friction	Flexible
-50°C / +70°C (-58°F / +158°F)	Limited fat & oil resistance	General conveying	High coefficient of friction & wear resistance	Stiff Flexible
-40°C / +70°C (-40°F / +158°F)	Limited fat & oil resistance	Conveying of delicate parts	Soft foam quality	Flexible
-30°C / +80°C (-22°F / +176°F)	Simple fats & oils	Conveying of delicate parts	High flexibility	Medium Flexible
-20°C / +80°C (-4°F / +176°F)	Simple fats & oils	General conveying	Point contact	Flexible
-20°C / +80°C (-4°F / +176°F)	Simple fats & oils	Conveying of abrasive parts	High wear resistance	Stiff Flexible

\*for minimum pulley diameter see catalog **B208 "Timing Belt Backings"**

# POLYURETHANE TIMING BELTS

	<i>Backing Type</i>	<i>Backing Material</i>	<i>Color</i>	<i>Hardness (Shore A) Density (g/dm<sup>3</sup>)</i>	<i>Coefficient of Friction (μ) (static AL)</i>	<i>Thickness (mm)</i>
	<b>Linatrile</b>	Nitrile	Orange	55	1.0	3 / 5 / 6
	<b>RP 400</b>	Rubber	Yellow	35	1.0	2.0 - 6.0
	<b>Chromleder</b>	Leather	Grey	–	0.4	2.0 / 3.0
	<b>TT 60</b>	Polyester Fleece	Charcoal	–	0.2	2.0
	<b>NBR 65</b>	Nitrile	Black	65	0.6	1.5
	<b>Mini-Grip</b>	PVC	Blue Green	30	0.6 0.4	1.0
	<b>PVC White</b>	PVC	White	40	1.1	2.0
	<b>PVC White - Herringbone</b>	PVC	White	40	0.7	4.0
	<b>PAZ</b>	Nylon	Green	–	0.2	–
	<b>PAR</b>	Nylon	Green	–	0.2	–
	<b>PAZ-PAR</b>	Nylon	Green	–	0.2	–

# POLYURETHANE TIMING BELTS

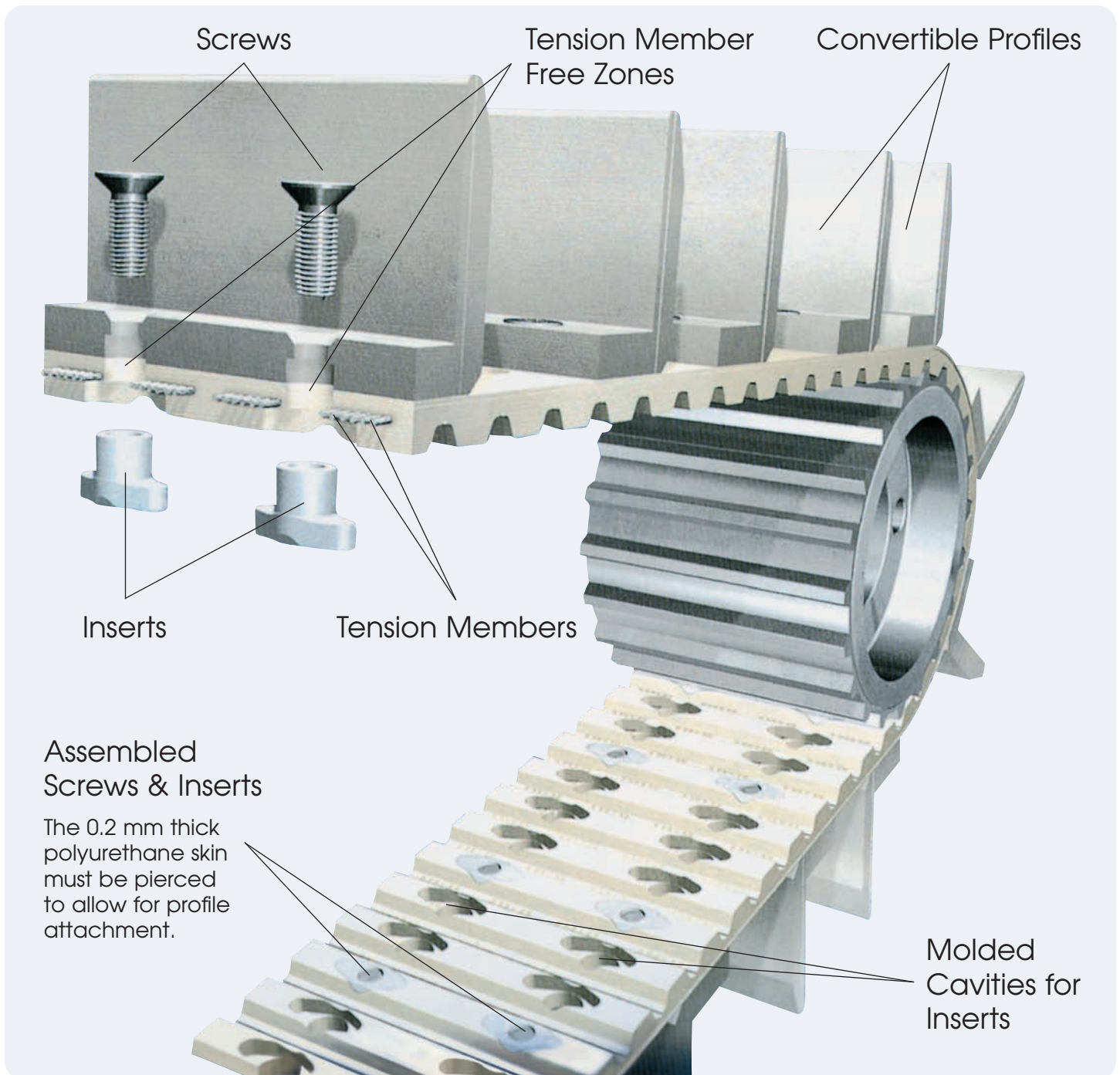
Temperature Range	Resistivity	Applications	Characteristics	Bending Ability*
-20°C / +110°C (-4°F / +230°F)	Simple fats & oils	Chemical & oil contact conveying	High friction, high strain & wear resistance	Flexible
-10°C / +80°C (+14°F / +176°F)	Limited fat & oil resistance	General conveying	High friction, high strain & wear resistance	Flexible
0°C / +60°C (+32°F / +140°F)	Simple fats & oils	Conveying of oily, greasy parts	Leather top coat	Stiff Flexible
-10°C / +120°C (+14°F / +248°F)	Simple fats & oils	Wafer and glass conveying	Anti-Static	Stiff Flexible
-20°C / +70°C (-4°F / +158°F)	Simple fats & oils	Chemical & oil contact conveying	Good chemical resistance	Stiff Flexible
-10°C / 110°C (+14°F / +230°F)	Simple fats & oils	Diagonal / inclined conveying	High friction and wear resistance	Flexible
-15°C / 90°C (+5°F / +194°F)	Acids, salts & bases	Food & pharmaceutical industries	FDA approval for surface contact with foods	Medium Flexible
-10°C / 110°C (+14°F / +230°F)	Simple fats & oils	Food & pharmaceuticals industries	FDA approval for surface contact with foods	Stiff Flexible
-20°C / +80°C (-4°F / +176°F)	Simple fats & oils	Power transmission, conveying	High performance & reduced friction	Flexible
-20°C / +80°C (-4°F / +176°F)	Simple fats & oils	Power transmission, conveying, accumulating	High performance & reduced friction	Flexible
-20°C / +80°C (-4°F / +176°F)	Simple fats & oils	Power transmission, conveying	High performance & reduced friction	Flexible

\*for minimum pulley diameter see catalog **B208 "Timing Belt Backings"**

# POLYURETHANE TIMING BELTS

## PROFILED BELTS

### Convertible Profiles

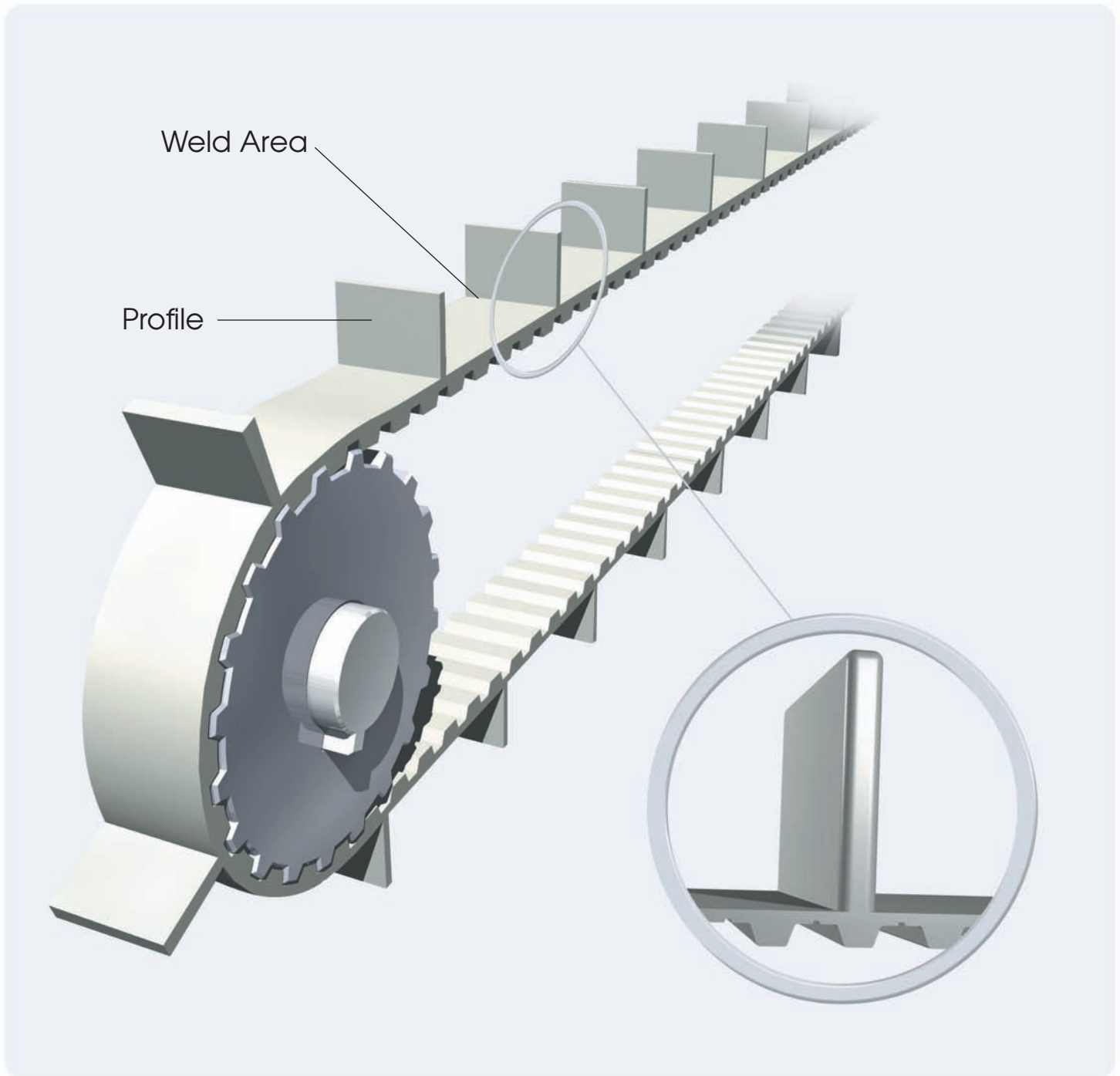


In addition to the information provided in this catalog, see catalog B209 "ATN® - Convertible Timing Belt System" for further details and technical specifications on our wide variety of flexible and convertible profiles.



## PROFILED BELTS

### Weld-On Profiles

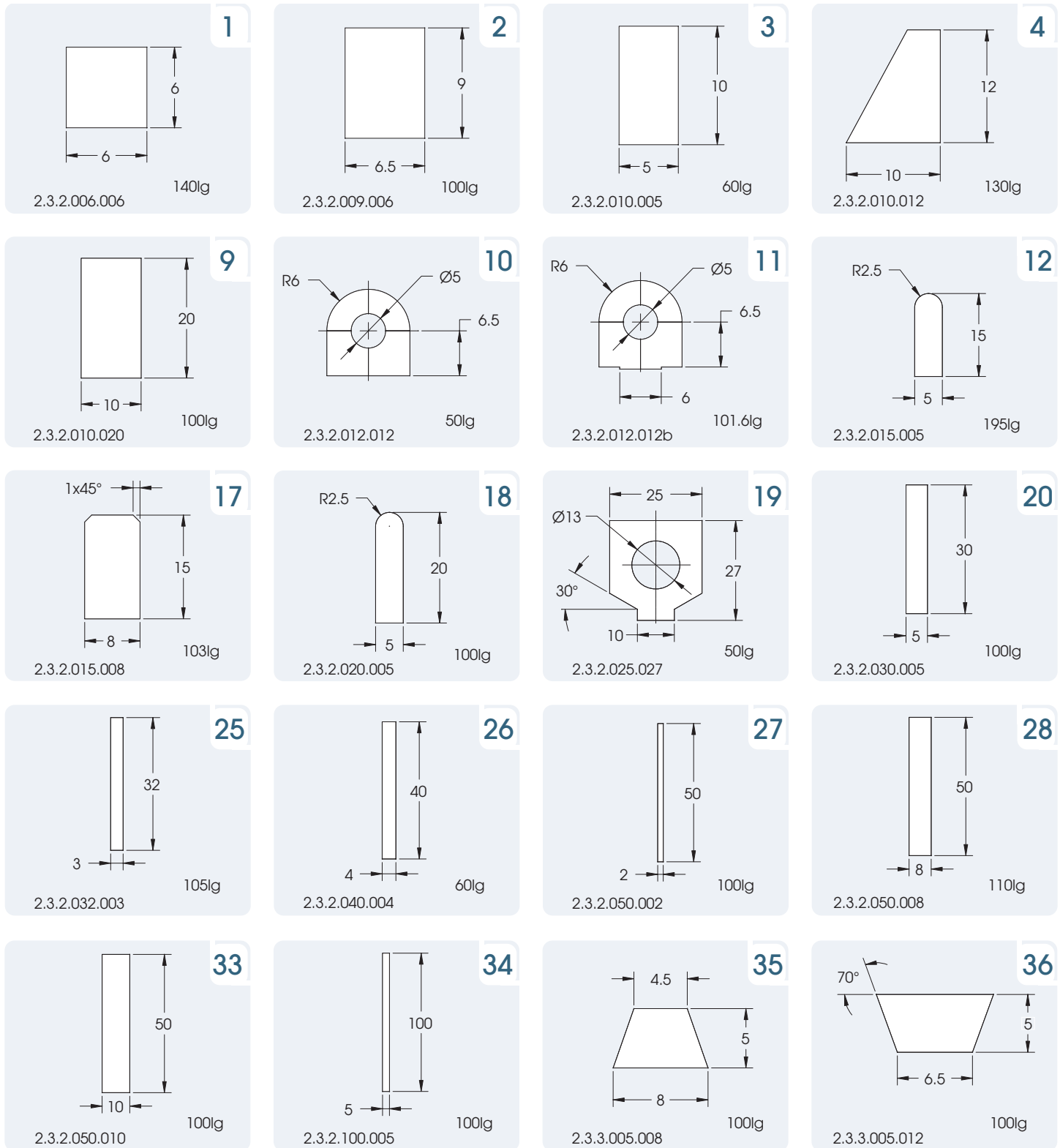


In addition to the information provided in this catalog, see catalog B203 "Polyurethane Timing Belts With Weld-on Profiles" for further details and technical specifications on our wide variety of thermally attached profiles.

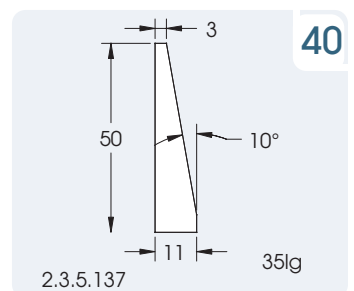
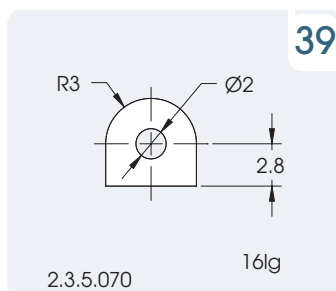
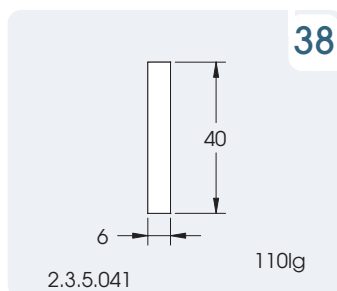
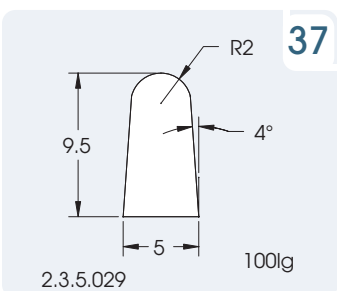
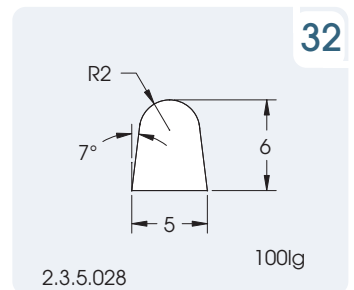
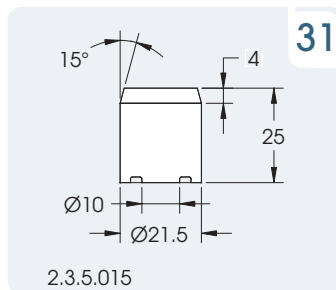
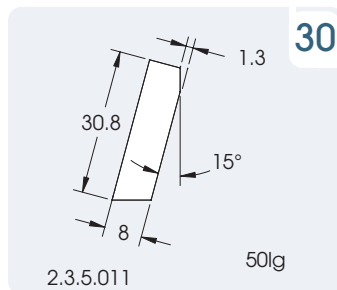
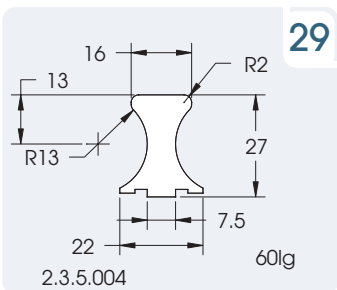
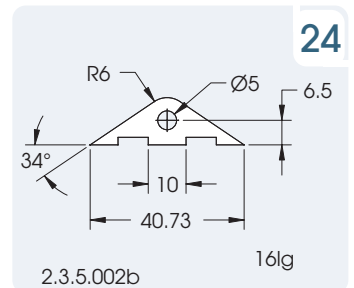
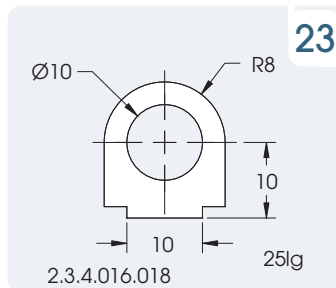
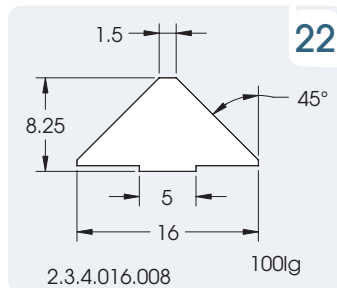
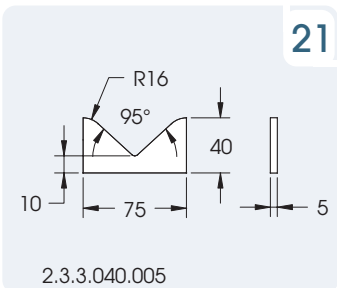
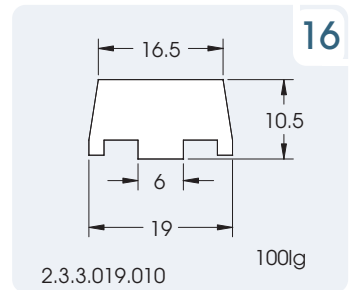
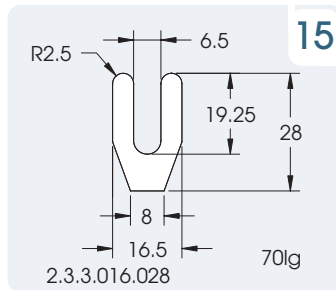
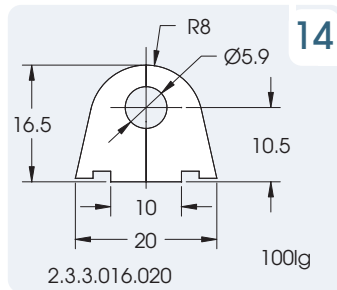
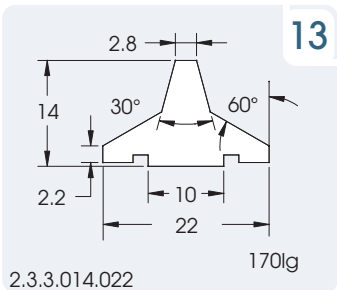
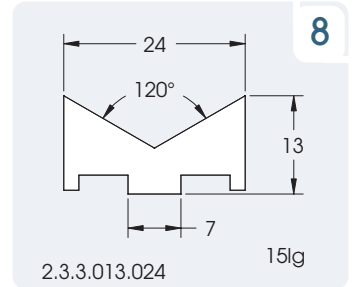
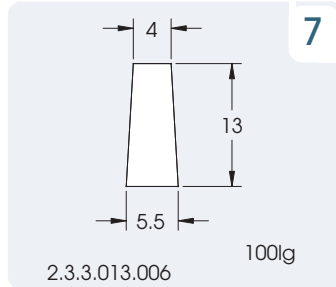
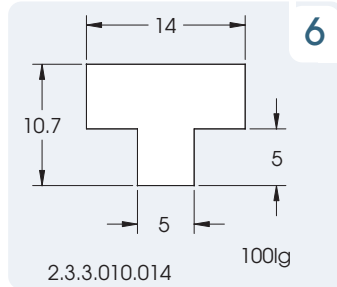
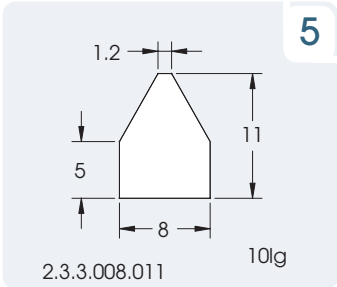
# POLYURETHANE TIMING BELTS

## PROFILE EXAMPLES

The profile drawings shown represent only a small cross section of the more than 3000 available stock profiles.



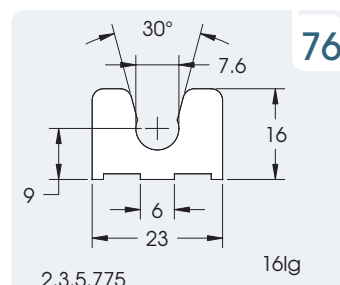
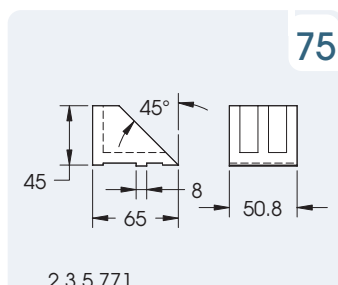
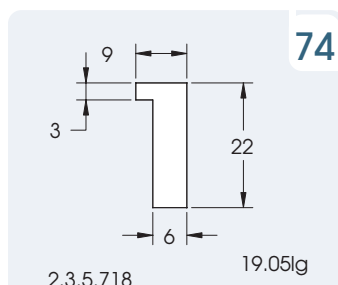
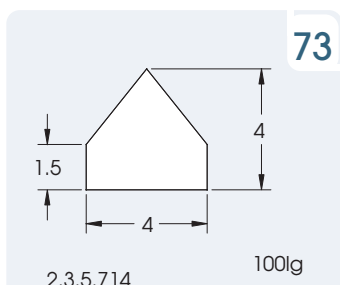
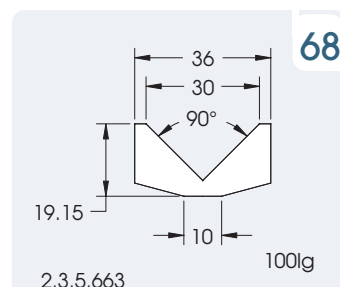
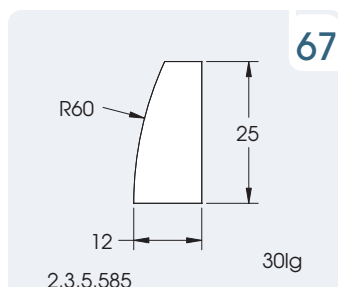
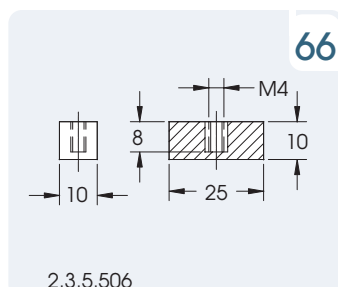
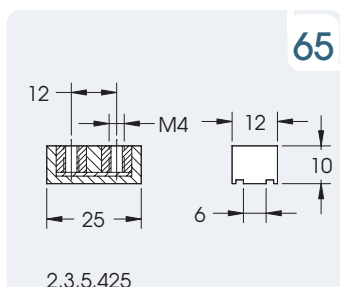
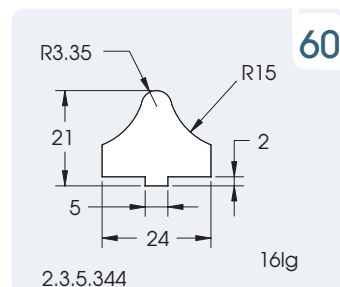
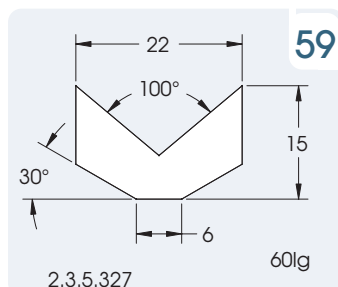
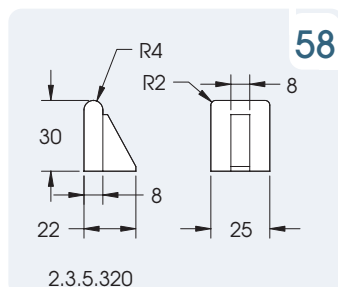
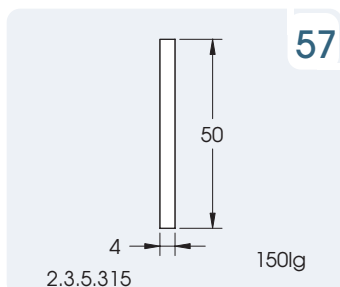
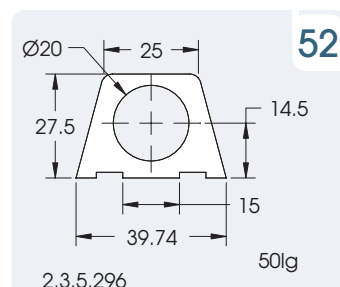
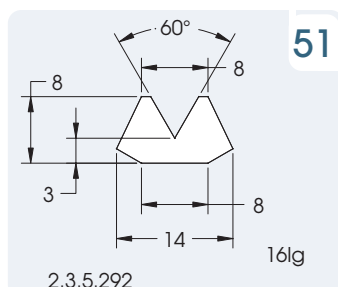
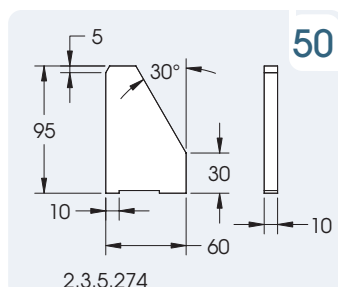
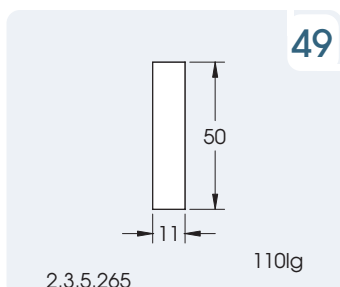
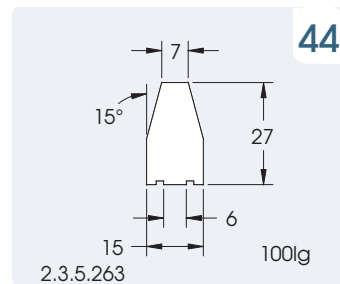
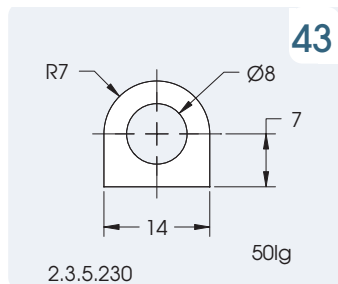
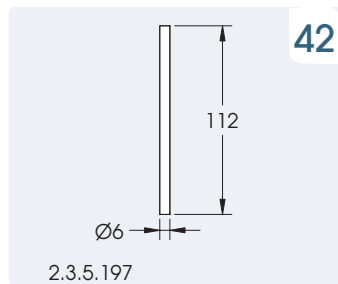
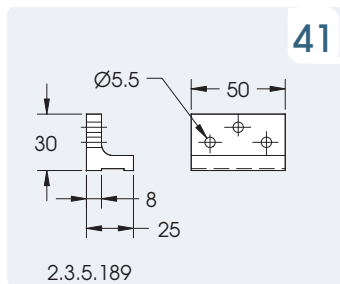
# POLYURETHANE TIMING BELTS



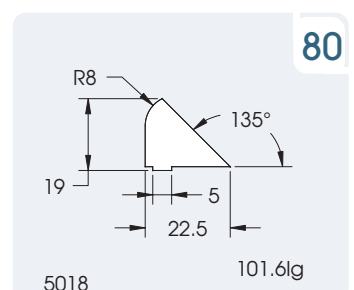
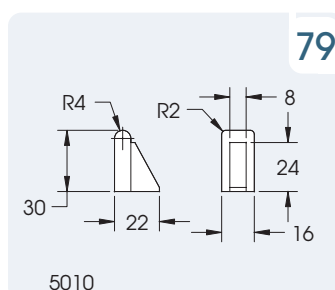
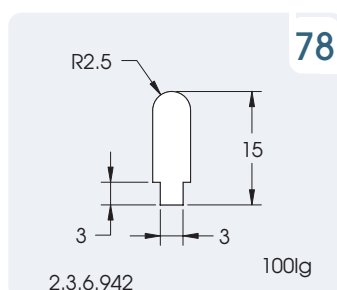
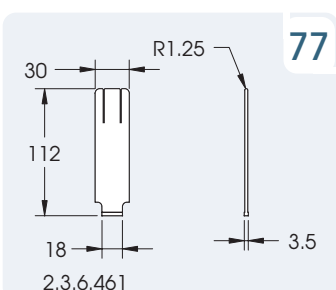
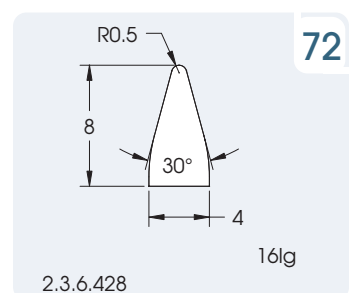
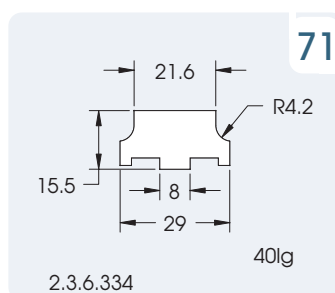
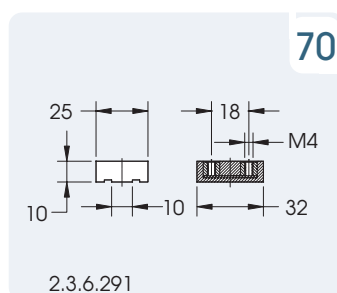
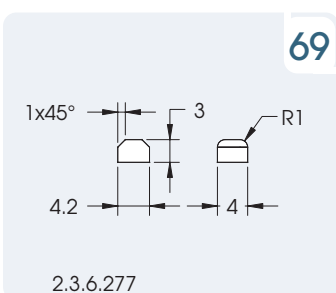
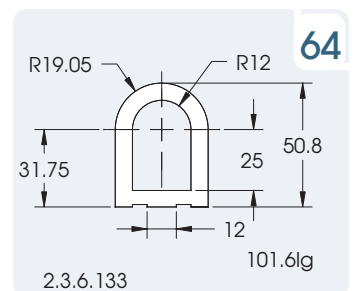
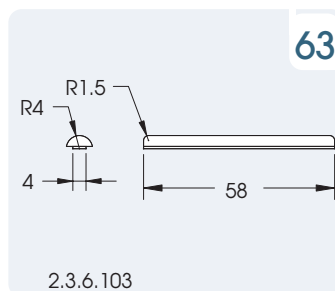
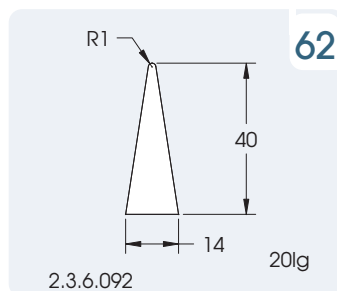
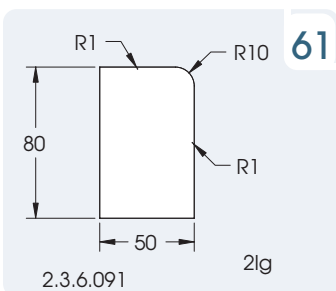
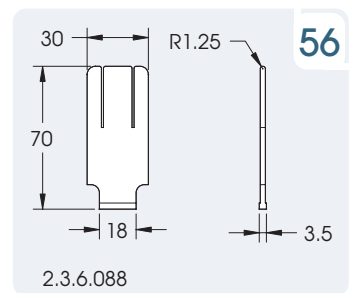
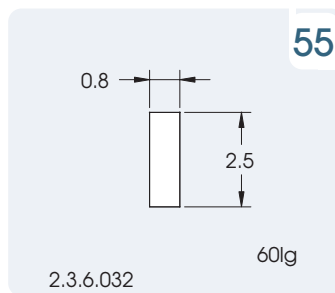
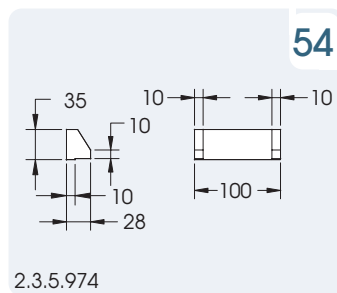
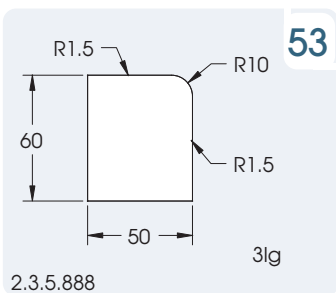
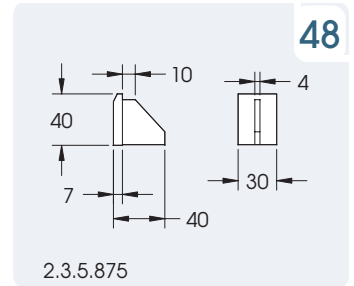
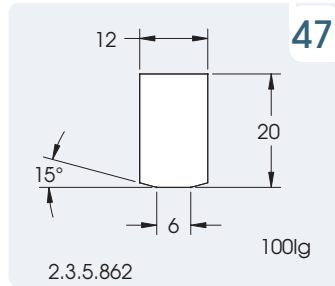
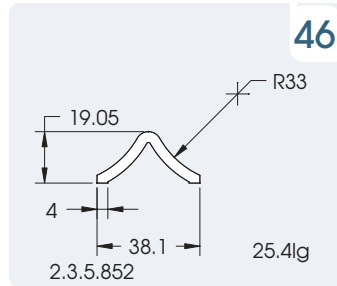
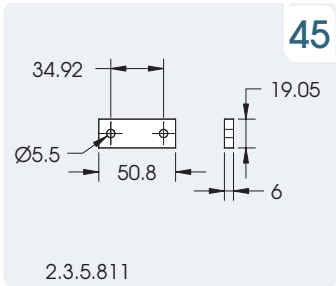
# POLYURETHANE TIMING BELTS

## PROFILE EXAMPLES

The profile drawings shown represent only a small cross section of the more than 3000 available stock profiles.



# POLYURETHANE TIMING BELTS

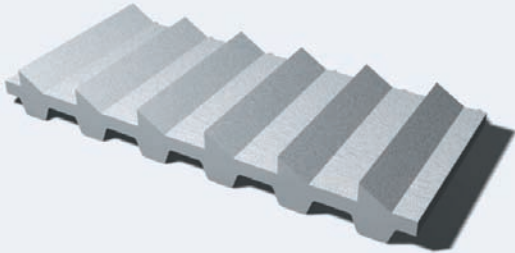


# POLYURETHANE TIMING BELTS

## TIMING BELT MODIFICATIONS

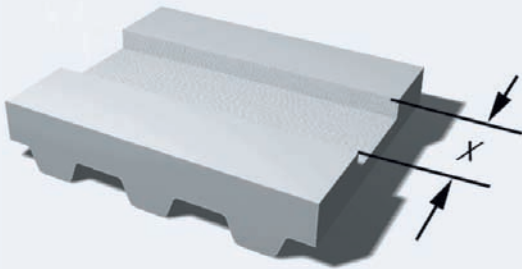
BRECO® and BRECOFLEX® timing belts can be mechanically machined and modified to meet special application requirements. Contact Applications Engineering for design assistance.

### Lateral Machining



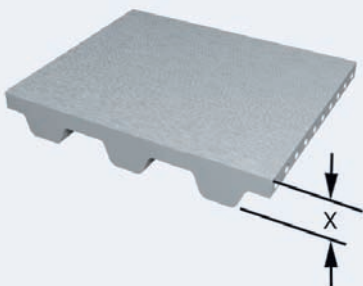
- Typically used with extra thick belt back "DR" or "T-Cover" (see page 149)
- Used for small parts conveying
- Used for incline conveying
- Standard and custom configurations available
- Increased flexibility

### Longitudinal Machining



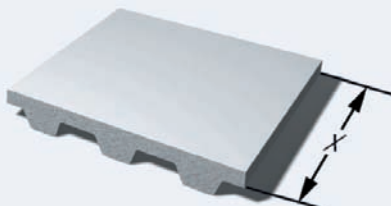
- Typically used with extra thick belt back Type DR or belt cover Type T for more design possibilities
- Used for longitudinal product conveying
- Combined with perforations for vacuum applications
- Used to align product during handling

### Back Grinding



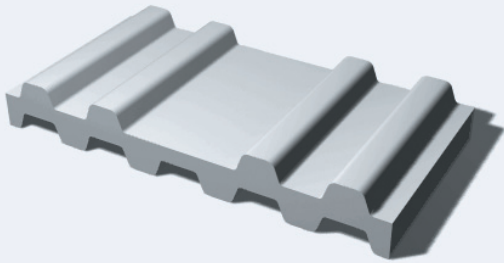
- Improved belt thickness tolerance
- Consistent belt back surface finish and friction
- Roughened belt back for BRECO V spliced and welded endless belts
- Standard for BRECOFLEX truly endless belts >720 mm
- Available for BRECO V belts >450 mm
- Available for BRECOFLEX truly endless belts between 450 and 720 mm

### Edge Grinding



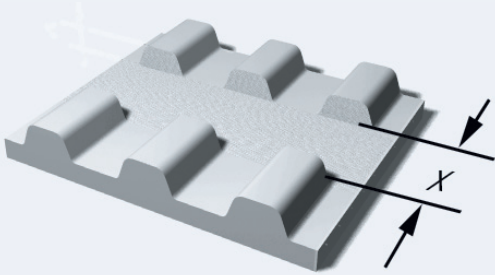
- Improved belt width tolerance
- Less lateral movement
- Used to more accurately position mechanical modifications (i.e., profiles, perforations, etc.)

## Tooth Removal



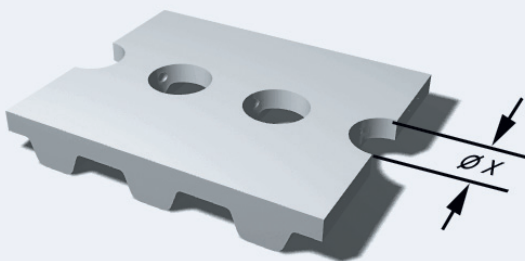
- Used to produce accurate pockets for product conveying (double sided belt shown)
- Facilitate mounting attachments (single sided belt not shown)
- Used as reference point (i.e., with optical sensors)

## Longitudinal Tooth Machining



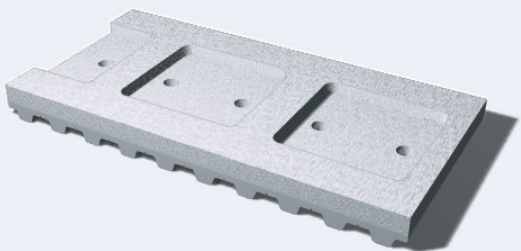
- Ideal for vacuum applications – combined with perforations along belt length (reduced vacuum loss)
- Used for belt tracking without pulley flanges
- Multiple grooves possible

## Perforating



- Used for vacuum applications
- Intricate hole patterns possible
- Used with tension free zones resulting in clean holes with no tension member interference
- Complex perforation shapes possible

## Covered Belt Machining



- All timing belt modifications may be possible for covered belts

# POLYURETHANE TIMING BELTS

## TIMING BELT PULLEYS



To successfully optimize a timing belt drive system, the quality level of the timing belt and the timing pulleys is crucial. BRECOflex CO., L.L.C. has the know-how and the technical capabilities as a single source supplier to provide high quality matching timing belts and timing pulleys for superior drive performance.

Note: For more information, see **Pulley Catalog B216**



## PULLEY MATERIALS AND FINISHES

The following pulley materials and surface finishes are available to meet your specific application requirements. Special materials on request.

### Materials

#### Aluminum (AL)

- Suitable for moderate power transmission
- Light weight / reduced rotational inertia
- Moderate chemical and corrosion resistance
- Standard material for stock pulleys

#### Stainless Steel (VA)

- Suitable for high power transmission
- Durable / abrasion resistant
- Meets FDA regulations
- Excellent chemical and corrosion resistance

#### Steel (ST)

- Suitable for high power transmission
- Durable / abrasion resistant
- Limited chemical and corrosion resistance

#### Delrin (POM)

- Limited power transmission
- Excellent chemical and corrosion resistance
- Non metallic

### Surface Finishes

#### Aluminum

##### Anodized

- Increased chemical and corrosion resistance
- Available in clear, black, or colored
- Limited increase of surface hardness
- Aesthetic treatment

##### Hard Anodized

- Excellent chemical and corrosion resistance
- Increased surface hardness
- For abrasive environments

#### Steel

##### Black Oxide

- Increased chemical and corrosion resistance
- Aesthetic treatment

##### Zinc plated

- Increased corrosion resistance

##### Chromate

- Increased chemical and corrosion resistance

##### Nickel plated

- Increased chemical and corrosion resistance

### Pulley Flanges

Flanges are attached to the pulleys by a rolling process or fastened with screws depending on tooth profile and pulley diameter. Small and medium pitch pulleys up to approximately 250 mm in diameter are usually supplied with rolled on flanges. Large pitch pulleys such as T20, AT20 and XH are commonly supplied with screwed on flanges.

#### Flange Material

Standard: zinc plated steel

Optional: stainless steel – meets FDA regulations, chemical and corrosion resistant

aluminum – economical alternative to stainless steel flanges

# POLYURETHANE TIMING BELTS

## STOCK PULLEYS

The BRECOflex CO., L.L.C. pulley stocking program includes the pulley configurations listed below. Stock pulley material is aluminum with zinc plated steel flanges. Select the standard pilot bore or incorporate custom modifications, some of which are listed at the bottom and shown on the opposite page. Modified stock pulleys, in small quantities, are usually delivered in one week.

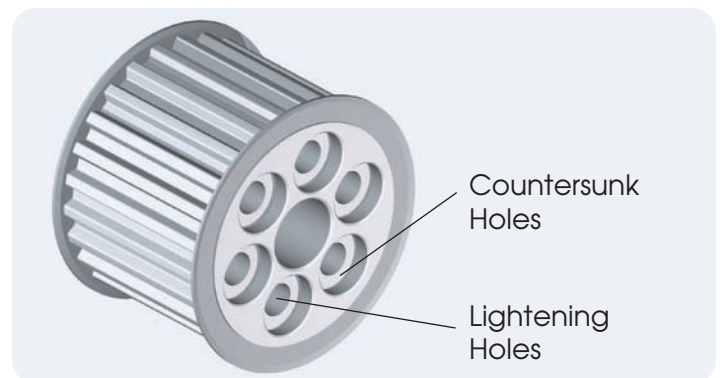
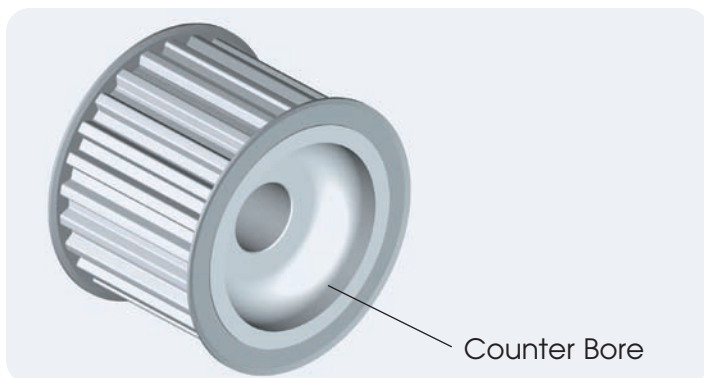
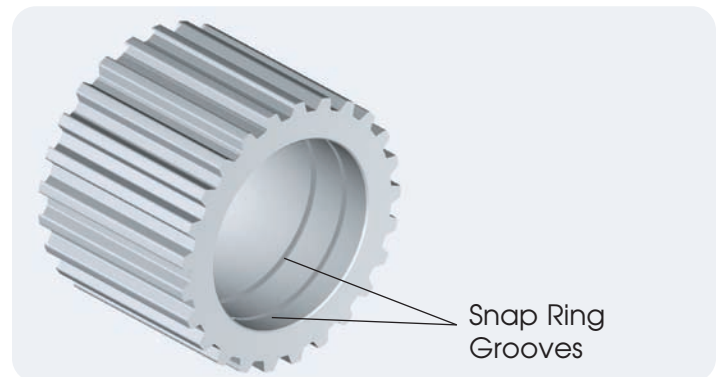
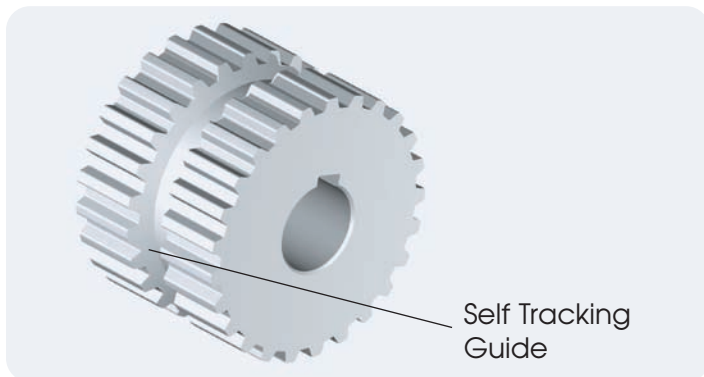
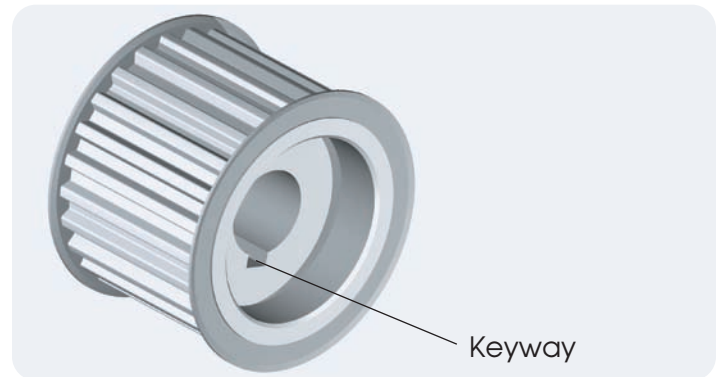
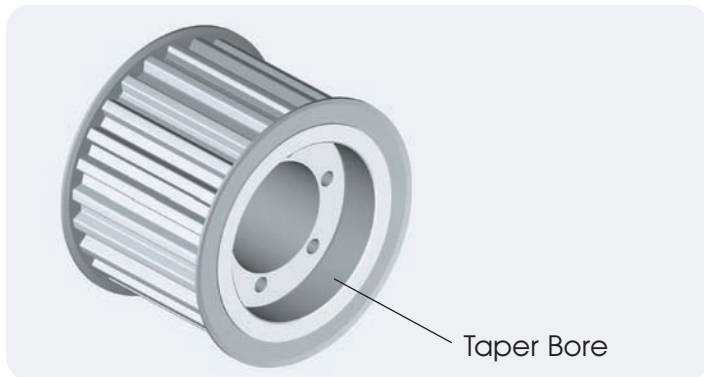
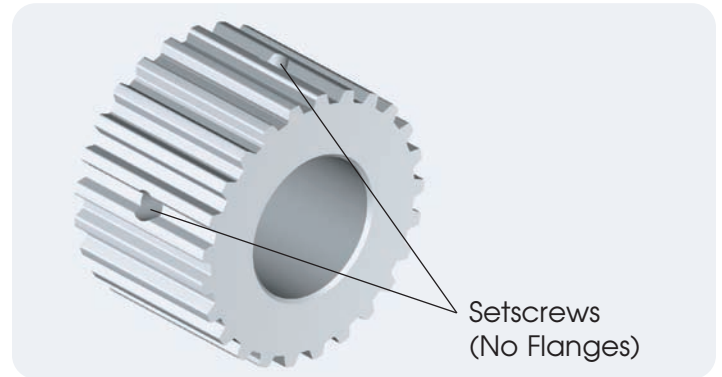
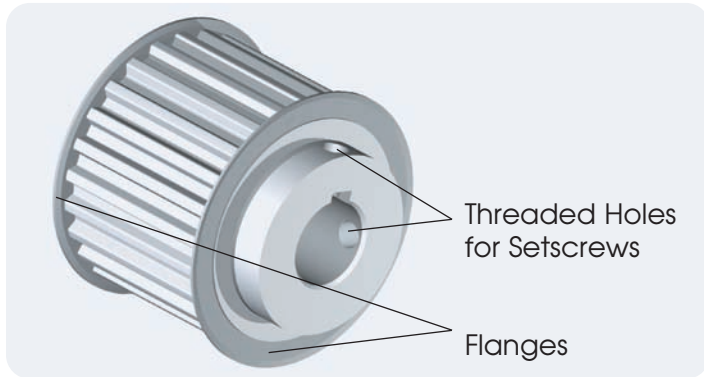
Pitch	teeth range (not all # of teeth available)		stock pulleys available for belt widths (mm)	Pitch	teeth range (not all # of teeth available)		stock pulleys available for belt widths (mm)
	from	to			from	to	
<b>T2.5</b>	10	60	6,10	<b>XL</b>	10	40	12.7, 25.4
<b>T5</b>	10	60	10, 16, 25	<b>L</b>	10	25	25.4, 50.8
<b>T10</b>	12	60	16, 25, 32, 50	<b>H</b>	14	40	25.4, 38.1, 50.8, 76.2
<b>AT3</b>	15	72	6, 10, 16	<b>TK5 K6</b>	25	48	50
<b>AT5</b>	15	72	10, 16, 25, 32	<b>TK10 K13</b>	20	48	50, 100
<b>AT10</b>	15	60	25, 32, 50	<b>ATK10 K6</b>	20	60	50, 100
<b>ATN10</b>	25	60	25, 50	<b>ATK10 K13</b>	20	60	50, 100
<b>ATN12.7</b>	20	32	25, 50, 75, 100	<b>HK13</b>	20	36	50.8, 101.6
<b>ATL5</b>	25	72	10, 16, 25, 32	<b>BAT10</b>	20	60	32, 50
<b>ATL10</b>	25	60	25, 32, 50				

All stock timing belt pulleys can be customized and modified to specific requirements. Complex machining and intricate details can be realized. These modifications can include but are not limited to the following:

- add/remove flanges
- finish bore
- remove or change hub
- cut key seat
- reduce pulley width
- counter bores
- set screws
- taper bores
- bolt holes
- snap ring grooves
- lightening holes
- self-tracking groove

Please provide your requirements to BRECOflex CO., L.L.C. Engineering Department.

## PULLEY MODIFICATIONS (EXAMPLES)



# POLYURETHANE TIMING BELTS

## PULLEY PRODUCT RANGE

### T-Series

- T2
- T2.5
- T5
- T10
- T20

### AT-Series

- AT3
- AT5
- AT10
- AT(S)15
- AT20

### AT REDFLEX

#### GEN III-Series

- AT3 REDFLEX GEN III
- AT5 REDFLEX GEN III
- AT10 REDFLEX GEN III
- ATP10 REDFLEX GEN III

### ATN-Series

- ATN10
- ATN12.7
- ATN20

### ATL-Series

- ATL5
- ATL10
- ATL20

### ATP-Series

- ATP10
- ATP15

### Imperial-Series

- MXL
- XL
- L
- H
- XH
- XXH

### Self-Tracking-Series

- TK5 K6
- TK10 K6
- TK10 K13
- TK20 K13
- ATK5 K6
- ATK10 K6
- ATK10 K6-DL
- ATK10 K13
- ATK20 K13
- ATN10 K6
- ATN12.7 K6
- HK13
- LK13

### ARC-Power-Series

- BAT10
- BAT15
- BATK10
- BATK15

### SFAT-Series

- SFAT10
- SFAT15
- SFAT20

### Double Sided-Series

- T2.5-DL
- T5-DL
- T10-DL
- T20-DL
- AT5-DL
- AT10-DL
- AT10K6-DL
- AT20-DL
- H-DL

### HTD-Series

- HTD3
- HTD5
- HTD8
- HTD14
- HTD20

### STD-Series

- STD3
- STD5
- STD8

### OTHER-Series

- K1
- K1.5
- AR
- AR-DL
- BR
- CR
- CR-DL
- DR
- DR-DL
- V
- V-DL

### FLAT BELT-Series

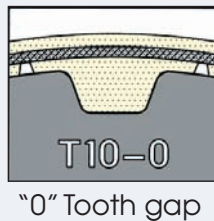
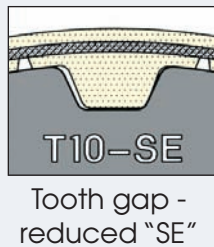
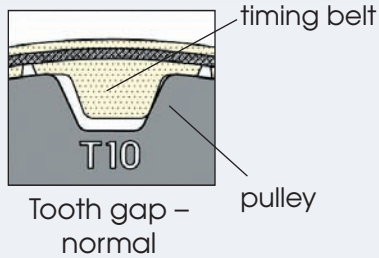
- F
- F1.0
- F2.0
- F3.0
- F6.0
- AF
- BF
- CF
- DF

### FERROPAN-Series

- Type 13
- Type 17
- Type 20
- Type 30
- Type 32

Pulley bar stock with blind holes is available in all pitches. Common pitches are stocked.

## PULLEY TOOTH GAP DESIGN



Metric pitches T5, T10, T20, AT3, AT5, AT10 and AT20 are available in three tooth gap configurations:

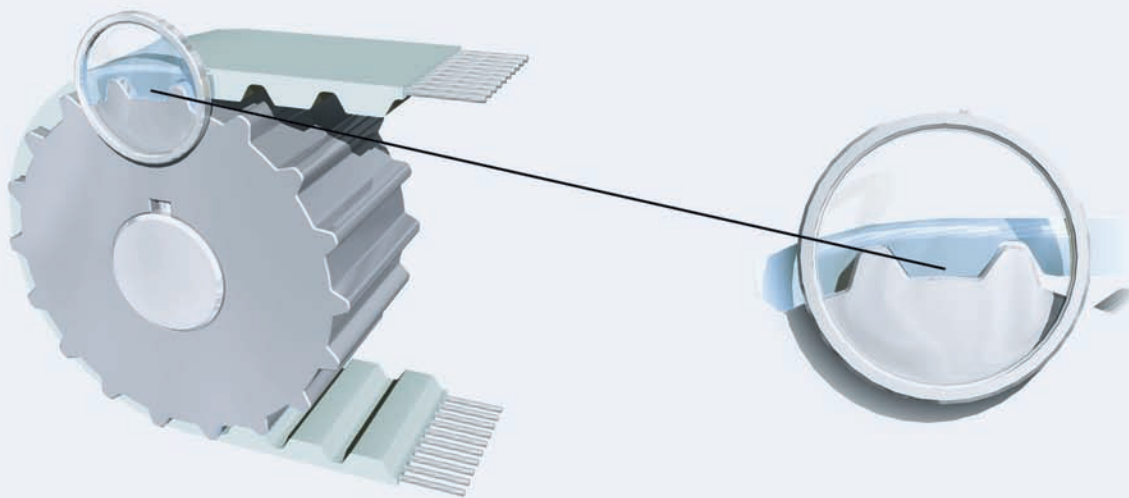
- Normal Backlash Tooth Gap
- Reduced Backlash Tooth Gap "SE"
- Zero Backlash Tooth Gap "0"

Selecting a special pulley tooth gap can increase the accuracy of the timing belt system by decreasing or eliminating "play" between the timing belt and the pulley. Linear drives and systems requiring precise positioning and high repeatability or fast settling times can benefit from reduced "play". The illustrations on the left show the meshing of the timing belt with the 3 tooth gap designs available.

For drive designs using reduced "SE" or "0"-tooth gap pulley, please consult BRECOflex CO., L.L.C. Engineering Department.

Note: For more details, see **Pulley Catalog B216**.

### Tooth engagement (AT-Series)



# POLYURETHANE TIMING BELTS

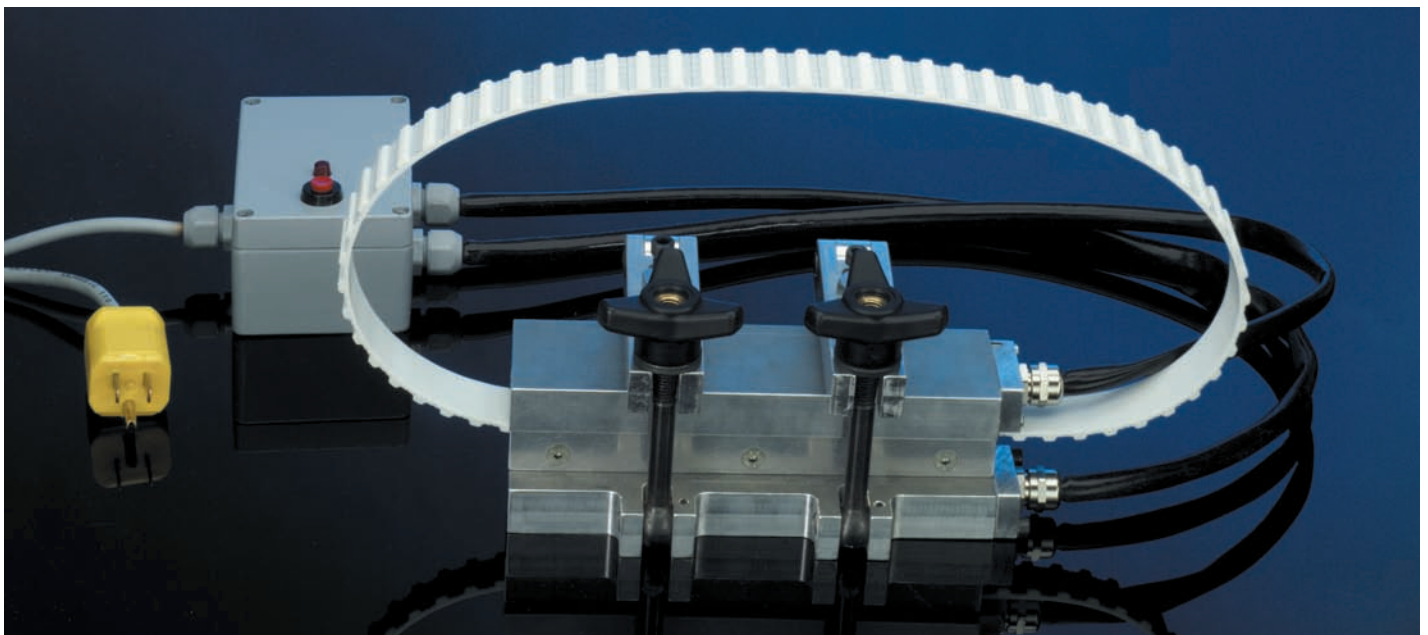
## ACCESSORY ITEMS FOR POLYURETHANE TIMING BELTS



For more detailed information, please see catalog **B205 "Timing Belt Accessories"**

## FIELD WELDER

BRECOflex CO., L.L.C. offers Field Welders for installation and replacement of endless polyurethane timing belts in machinery and equipment on location. No costly and time consuming disassembly is necessary. BRECOflex CO., L.L.C. provides open ended timing belts with prepared belt ends for field welding. Little or no machine disassembly is required for the installation of replacement polyurethane timing belts. Once the timing belt is in place, the Field Welder will fuse the timing belt ends together in about 30 minutes. Only 120V or 240V 60Hz is required – no water cooling is necessary. The result is an endless polyurethane timing belt installed in the field on the most complex machines. The tensile strength of field welded timing belts equals the strength of factory supplied timing belts.



### The Field Welder consists of:

- Power cord for standard 120V or 240V 60Hz outlet
- Control box with power button
- Aluminum and steel body with threaded handles for pressure adjustments
- Non-stick coated bottom and top fuser plates

### Weight:

Approx. 8.5 lbs (25 mm wide belt)

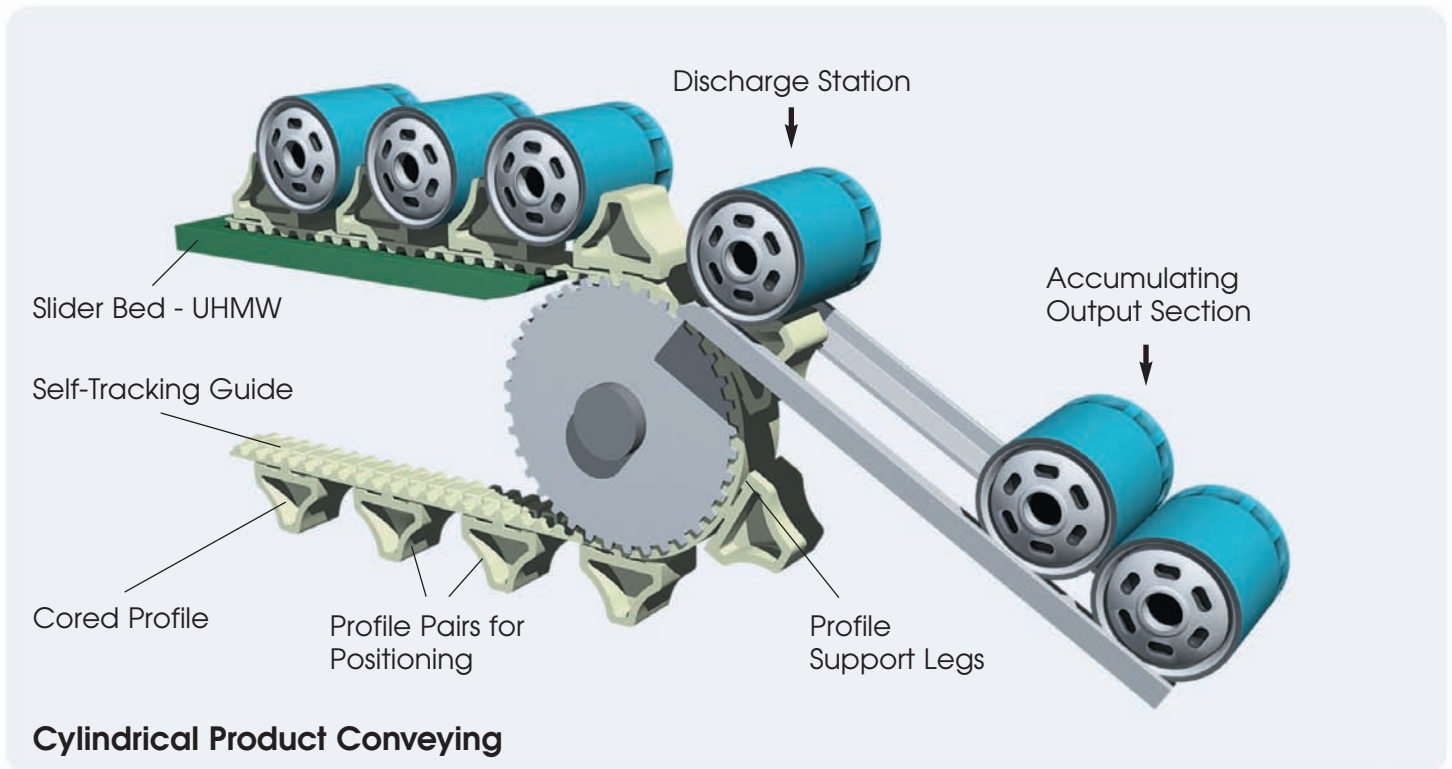
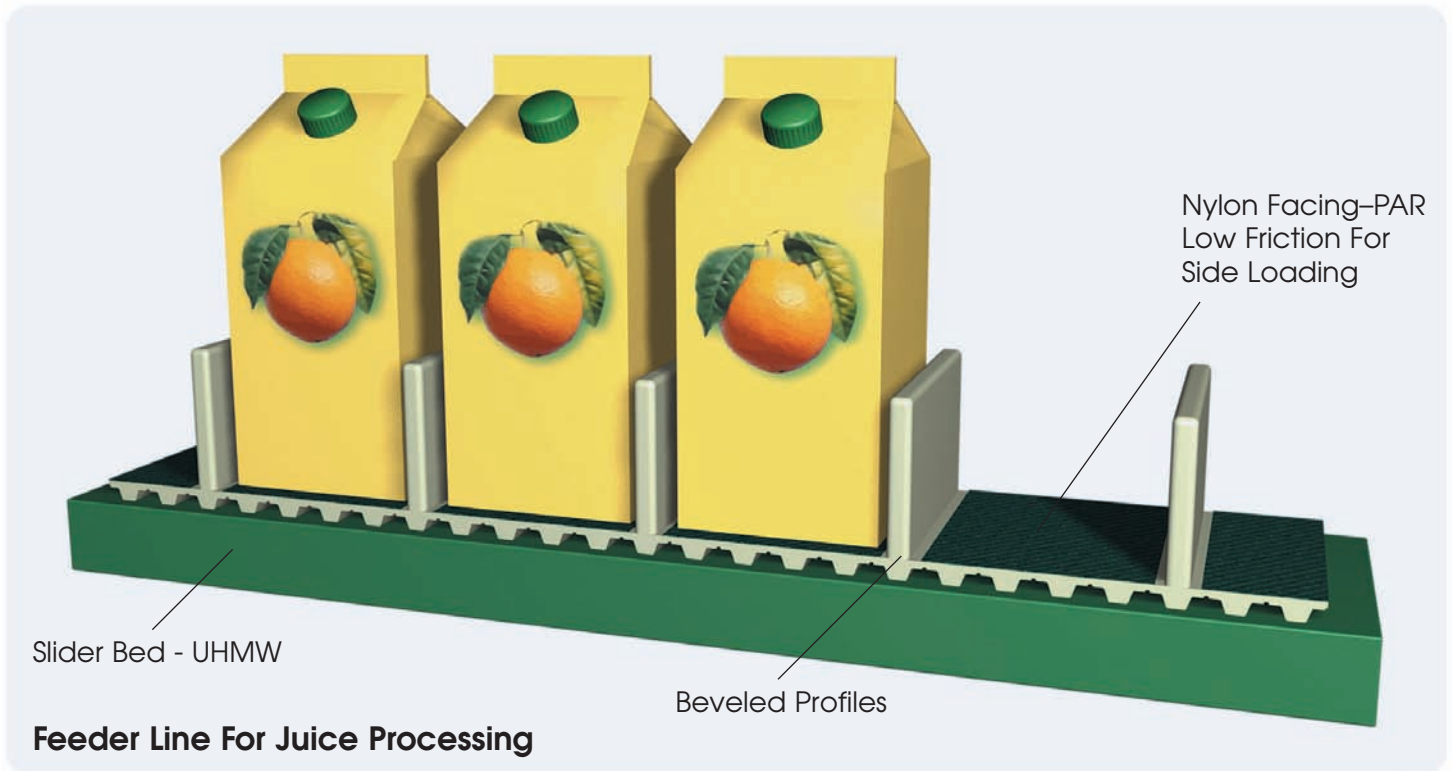
### Available in:

All belt pitches single and double sided in widths from 25 mm to 150 mm

For more technical information on Field Welder Kits please contact the BRECOflex CO., L.L.C. Engineering Department.

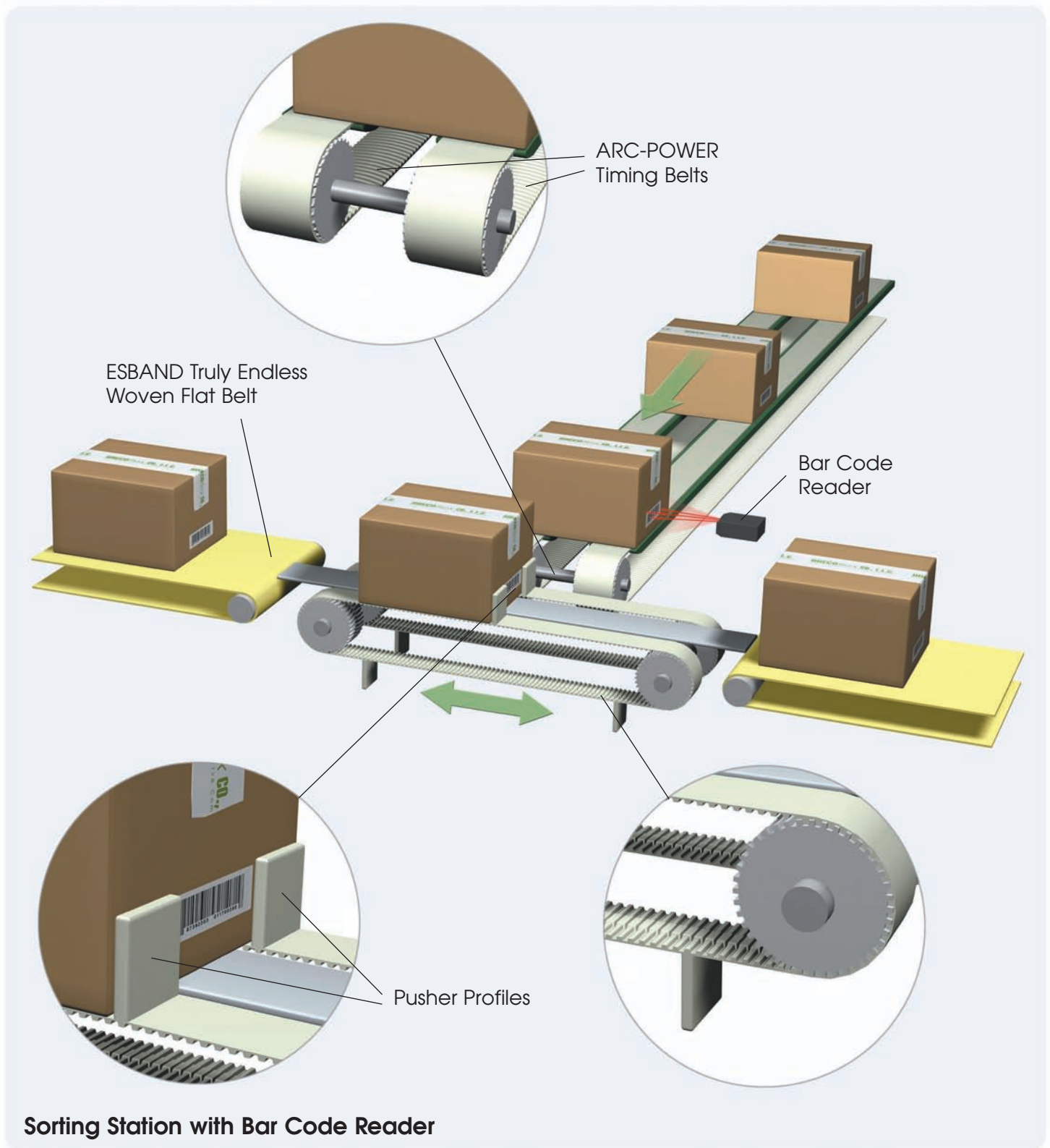
# POLYURETHANE TIMING BELTS

## APPLICATION EXAMPLES



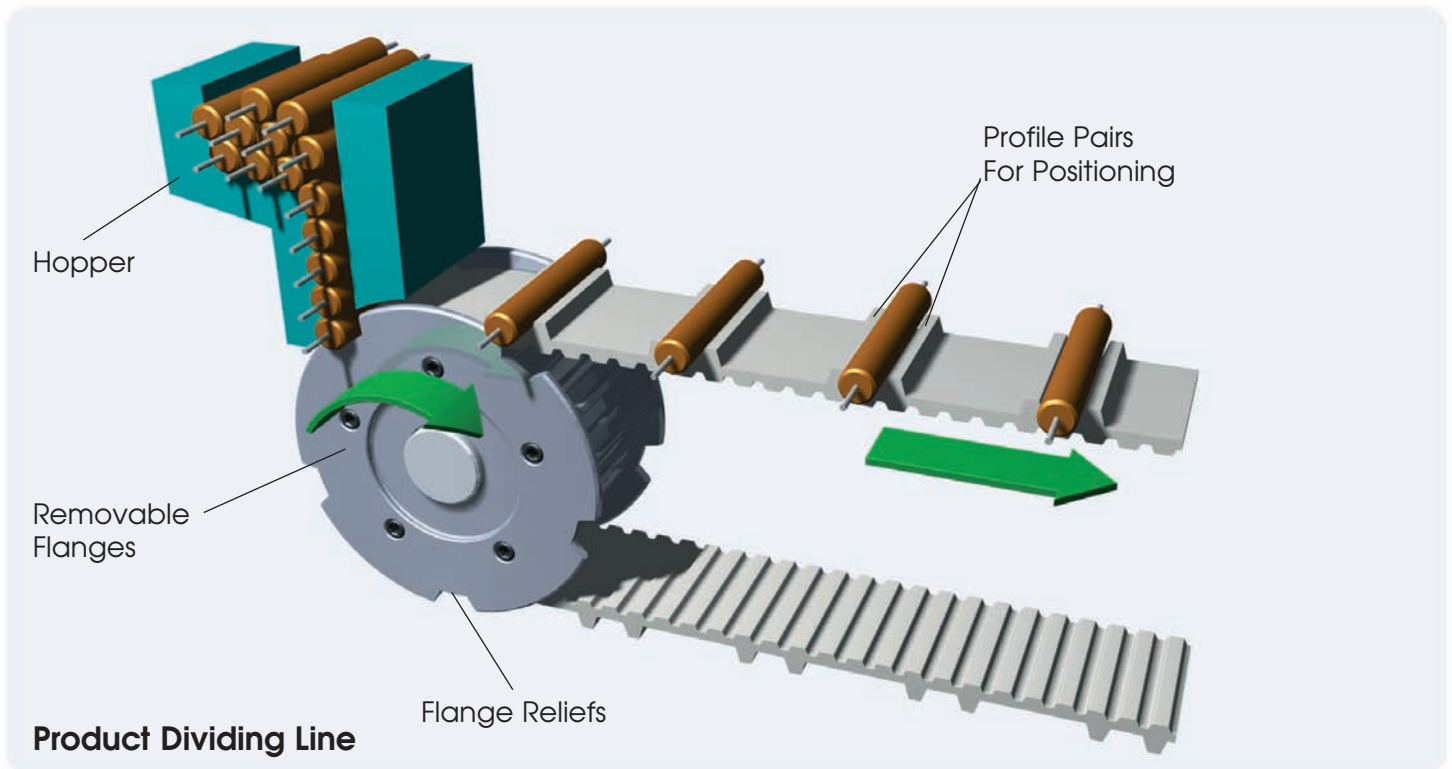
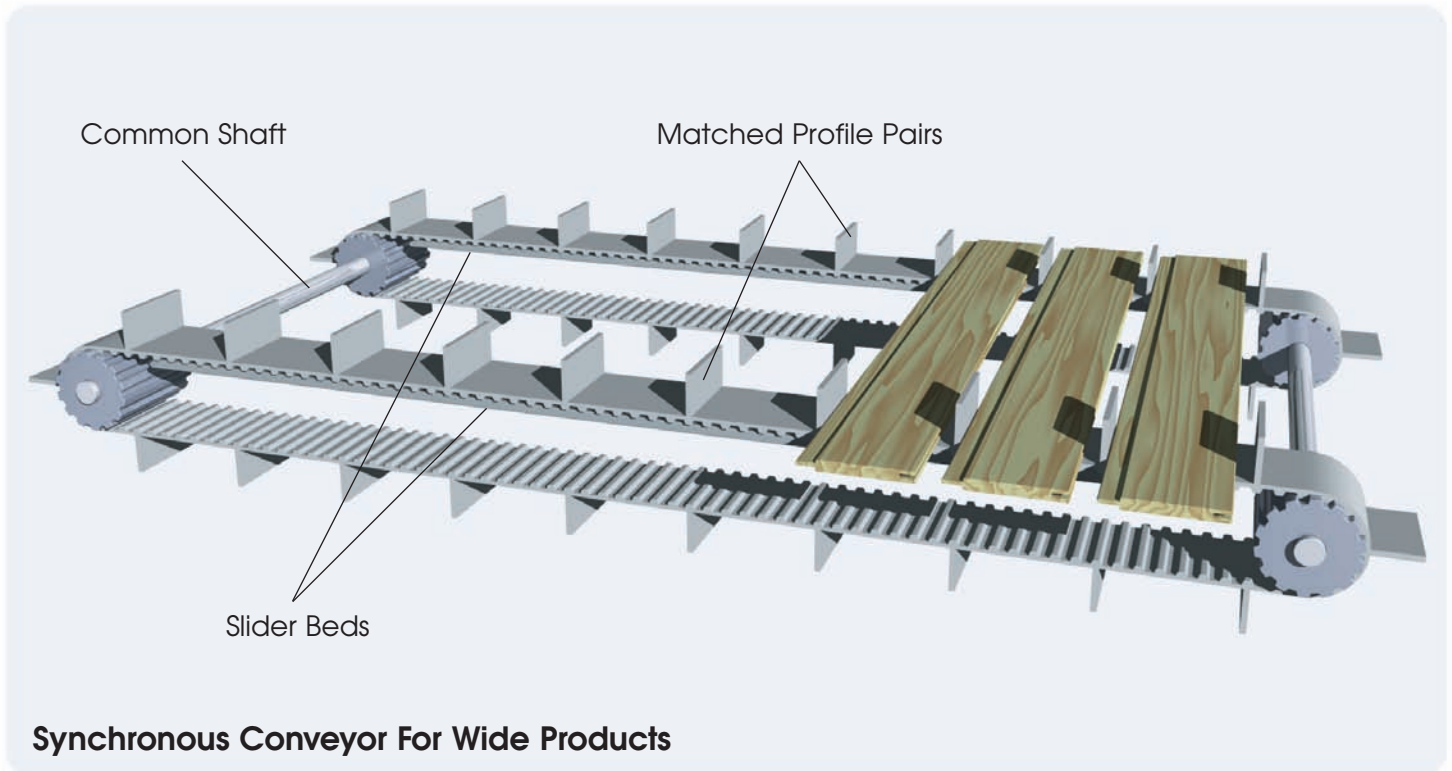


## APPLICATION EXAMPLES

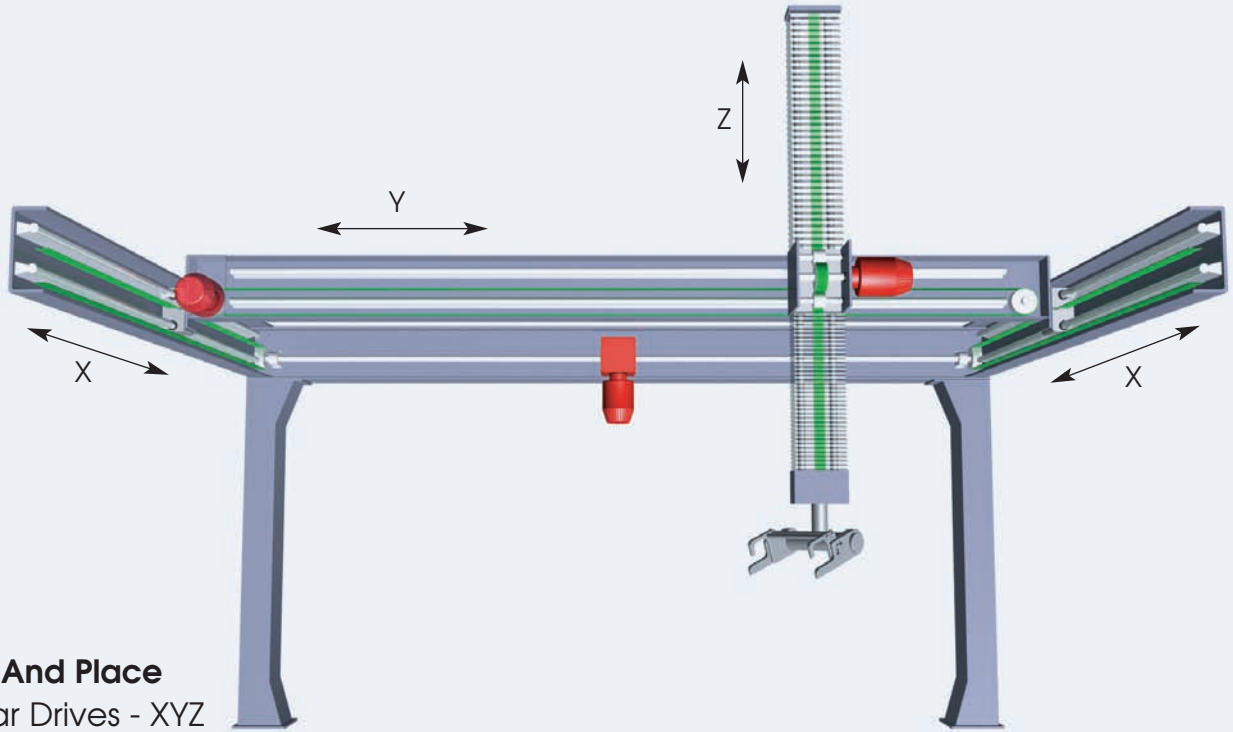


# POLYURETHANE TIMING BELTS

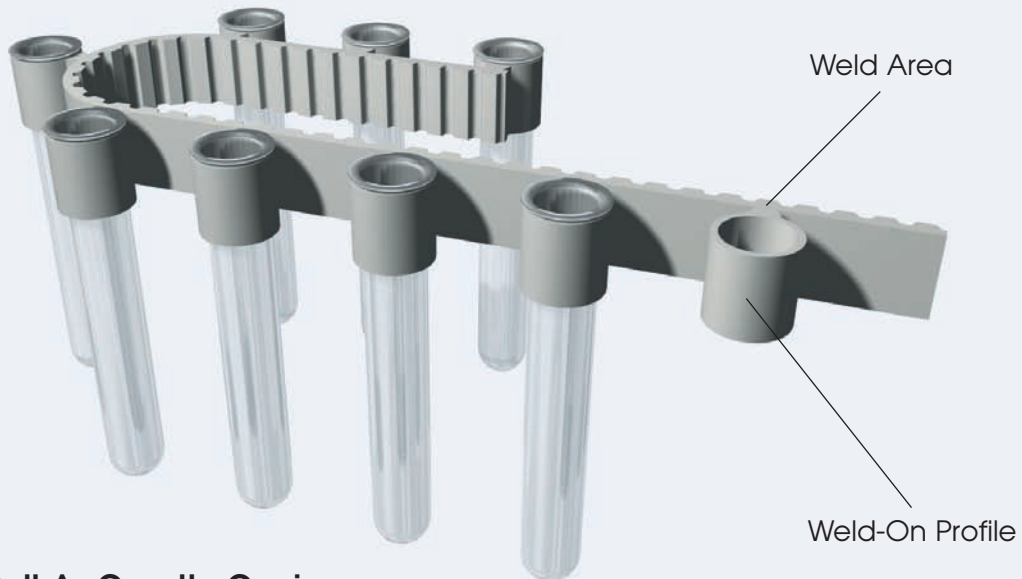
## APPLICATION EXAMPLES



## APPLICATION EXAMPLES



**Pick And Place**  
Linear Drives - XYZ



**Profiled Timing Belt As Cuvette Carrier**  
Upright Belt Drive For Indexing

# POLYURETHANE TIMING BELTS

## INDEX

- .080 (MXL) (2.032 mm) ..... 50, 51, 140
- A**
- Accessories for Timing Belts ..... 174
- AF Flat Belts ..... 132
- Allowable Tensile Strength *see* Strength
- Aluminum Pulley Material ..... 169
- Anodized Aluminum Pulley Finish ..... 169
- Applications:
- Belt Codes for ..... 12, 13
  - Examples of ..... 176-179
- AR Belts ..... 109
- AR-DL Belts ..... 110
- ARC-POWER Self-Tracking Timing Belts:
- Availability ..... 78-81
  - Overview ..... 16
  - Specifications ..... 140, 141
- AT Series Timing Belts:
- Availability ..... 30-37
  - Overview ..... 14
  - Specifications ..... 136, 137
- AT3 ..... 30, 31, 136
- AT3 REDFLEX GEN III ..... 38, 136
- AT5 ..... 32, 33, 136
- AT5-DL ..... 94, 142
- AT5 REDFLEX GEN III ..... 39, 138
- AT10 ..... 34, 35, 136
- AT10-DL ..... 95, 142
- AT10 REDFLEX GEN III ..... 40, 138
- AT20 ..... 36, 37, 136
- AT20-DL ..... 97, 142
- ATK5 K6 ..... 68, 69
- ATK10 K6 ..... 70, 71
- ATK10 K6-DL ..... 72, 96, 142
- ATK10 K13 ..... 73
- ATK20 K13 ..... 74
- ATL Series Timing Belts:
- Availability ..... 45-47
  - Overview ..... 15
  - Specifications ..... 138, 139
- ATL5 ..... 45, 138
- ATL10 ..... 46, 138
- ATL20 ..... 47, 138
- ATN Series Timing Belts:
- Availability ..... 42-44
  - Overview ..... 14
  - Specifications ..... 138, 139
- ATN10 ..... 42, 138
- ATN10 K6 ..... 75
- ATN12.7 ..... 43, 138
- ATN12.7 K6 ..... 76
- ATN20 ..... 44, 138
- ATP Series Timing Belts:
- Availability ..... 48-49
  - Overview ..... 15
  - Specifications ..... 138-141
- ATP10 ..... 48, 138
- ATP10 REDFLEX GEN III ..... 41, 138
- ATP15 ..... 49, 140
- B**
- Back Grinding, Belt ..... 166
- Backings ..... 156-159
- Backlash, Reduced "SE" & Zero "0" ..... 14, 173
- Bar Stock, Pulley ..... 172
- BAT10 Series Belts *see* ARC-POWER
- BATK10 Series Belts *see* ARC-POWER
- BF Flat Belts ..... 132
- BFX, Truly Endless Code ..... 12, 13
- Bifilar *see* Tension Member
- Black Oxide Pulley Surface Finish ..... 169
- Bonding ..... 10
- Bonding Strength & Characteristics ..... 154, 155
- BR Belts ..... 111
- BRECO M Open Ended ..... 12, 13
- BRECO V Spliced and Welded Endless ..... 12, 13
- BRECOFLEX BFX Truly Endless ..... 12, 13
- BRECOflex CO., L.L.C. ..... 2
- C**
- Cable *see* Tension Member
- Celloflex Backing ..... 156, 157
- Center Guide *see* Self-Tracking
- CF Flat Belt ..... 133
- Chemical Compatibility:
- Backings (Covers) ..... 156-159
  - Belts (Polyurethane) ..... 11, 151-152
  - Pulley Materials and Finishes ..... 169
  - Tension Members ..... 152
- Chromate Pulley Surface Finish ..... 169
- Chromleder Backing ..... 158, 159
- Clamps and Tensioning Clamps ..... 174
- Cleaning Agents, use of ..... 151
- Codes (BFX, M, V) ..... 12, 13
- Coefficient of Friction *see also* Backings ..... 149
- Connecting Kit (Field Assembly, ATN) ..... 15
- Convertible Timing Belt System *see* ATN
- Correx Gum Rubber Backing ..... 156, 157
- Cover Materials *see* Backings
- Covered Belt Machining ..... 167
- CF Flat Belts ..... 133
- CR Belts ..... 112
- CR-DL Belts ..... 113
- D**
- D 15 Backing ..... 156, 157
- Delrin Pulley Material ..... 169
- DF Flat Belts ..... 133
- DIN 7721 ..... 14
- DL *see* Double Sided
- Double Sided Series Timing Belts:
- Availability ..... 88-98
  - Overview ..... 16
  - Specifications ..... 142, 143
- DR Belts ..... 114
- DR-DL Belts ..... 115
- DR Extra Thick PU Belt Back ..... 149
- E**
- Edge Grinding, Belt ..... 166
- Edge Wear, Belt ..... 153
- Edges, Sealed, Belt ..... 153
- Elongation *see* Spring Rate
- F**
- F Flat Belts ..... 126
- F1.0 Flat Belts ..... 127, 146
- F2.0 Flat Belts ..... 128, 129, 146
- F3.0 Flat Belts ..... 130, 146
- F6.0 Flat Belts ..... 131, 146

# POLYURETHANE TIMING BELTS

Fatigue of Tension Member <i>see</i> Hi-Flex	
FDA (Food Grade)	151, 169
FERROPAN V-Belt Series:	
Availability	134, 135
Overview	17
Specifications	146, 147
Field Assembly (Connecting Kit ATN)	15
Field Welder	175
Finishes, Pulley	169
Flanges, Pulley	169
Flat Belt Series, Supported Polyurethane:	
Availability	126-133
Overview	17
Specifications	146, 147
Flat Pulleys, Minimum $\varnothing$ of	136-147
Foam Backing Material	156, 157
Food Grade (FDA)	151, 169
Friction <i>see also</i> Backings	149
<b>G</b>	
GEN III <i>see</i> REDFLEX	
Grinding, Belt Back and Edge	166
Guides <i>see</i> Self-Tracking	
<b>H</b>	
H (T1/2)	56, 57, 140
H-DL	98, 142
Hard Anodized Aluminum Pulley Finish	169
Hardness:	
Backing	156-159
Polyurethane	150, 151
Pulley Material and Surface Finish	169
Hi-Flex Steel Tension Member	152
Hi-Flex Timing Belts	155
High Flex "HF" HTD	16
High Power "HP" HTD and STD	16, 17
High Temperature:	
Backings (Covers)	156-159
Belt Material (Polyurethane)	151
HK13	77
HTD Series Timing Belts:	
Availability	99-104
Overview	16
Specifications	142-145
HTD 3M HP	99, 142
HTD 5M HP and HF	100, 101, 144
HTD 8M HP, HF and BFX	102, 103, 144
HTD 14M HP and HF	104, 144
<b>I</b>	
Imperial Series Timing Belts:	
Availability	50-59
Overview	15
Specifications	140, 141
ISO 9000	3
<b>K</b>	
K1 Belts	107
K1.5 Belts	108
Kevlar® <i>see also</i> Tension Member	152
<b>L</b>	
L (T3/8)	54, 55, 140
Lateral Machining, Belt	166
Leather Backing Material	158, 159
Length Tolerance, Belt	148
Linatex Backing	156, 157
Linatrilite Backing	158, 159
Longitudinal Machining, Belt and Tooth	166, 167
Low Temperature Belt Material	151
<b>M</b>	
M, Open Ended Code	12, 13
Machining, Belt	166-167
Mass, Belt	136-147
Materials:	
Backing	156-159
Cover <i>see</i> Backing	
Flange	169
Polyurethane	150, 151
Pulley	169
Tension Member	152
Timing Belt	150, 151
Mini-Grip Backing	158, 159
Modifications:	
Stock Pulley	170, 171
Timing Belt	166, 167
MXL (.080) (2.032 mm)	50, 51, 140
<b>N</b>	
Natural Rubber Backing Material	156, 157
NBR 65 Backing	158, 159
Nitrile Backing Material	158, 159
Nylon Facing:	
Belt Back PAR	149, 158, 159
Tooth Side PAZ	149, 158, 159
Tooth Side & Belt Back PAZ-PAR	149, 158, 159
<b>O</b>	
Open Ended Timing Belts (Code M)	12, 13
Options Available, Belt	149
Other Timing Belts:	
Availability	107-125
Overview	17
<b>P</b>	
PAZ, PAR, PAZ PAR <i>see</i> Nylon Facing	
Perforation, Belt	166, 167
Pitch, Belt	136-147
Polyester Fleece Backing Material	158, 159
Polygonal Effect, Reduced	16
Polyurethane Materials <i>see</i> Materials	
Polyurethane Backing Material	156, 157
Polyurethane Foam Backing Material	156, 157
Polyurethane Timing Belts	10, 150, 151
Porol Backing	156, 157
Profiles:	
Convertible ATN <i>see also</i> ATN	160
Examples of (Drawings)	162-165
Weld-On	161
Properties, Belt:	
Chemical	11, 150-152
Mechanical	11, 152-155
PU Yellow Backing	156, 157
Pull Tests (Bonding Strength)	154, 155
Pulley	168-173
Backlash (Tooth Gap)	173
Flanges	169
Materials and Surface Finishes	169
Minimum $\varnothing$ and # of teeth	136-147
Modifications	170, 171
Product Range	172
Stocking Program	170

# POLYURETHANE TIMING BELTS

PUR 385 Backing	156, 157	T2	20, 21, 136
PVC Blue Backing	156, 157	T2.5	22, 23, 136
PVC White and White Herringbone Backing	158, 159	T5	24, 25, 136
<b>R</b>		T5-DL	88, 89, 142
REDFLEX GEN III Series Timing Belts:		T10	26, 27, 136
Availability	38-41	T10-DL	90, 91, 142
Overview	14	T20	28, 29, 136
Specifications	136-139	T20-DL	92, 93, 142
Reduced Backlash "SE" (Tooth Gap)	173	T1/5 (XL)	52, 53, 140
Repeatability	14	T3/8 (L)	54, 55, 140
RMA Standard (ANSI/RMA)	15-17	T1/2 (H)	56, 57, 140
RP 400 Backing	158, 159	T7/8 (XH)	58, 59, 140
Rubber Backing Material	156-159	T-Cover	149, 156, 157
<b>S</b>		Temperature Range:	
Sealed Edges, Belt	153	Backing (Cover)	156-159
Self-Tracking Series Timing Belts:		Belt (Polyurethane)	11, 150, 151
Availability	60-77	Tensile Strength see Strength	
Overview	15	Tension Free Zones	153
Serrated Guides see Self-Tracking		Tension Member	152-153
Service Life	10	Bifilar Design	153
Settling Time	14	Construction	154
SFAT Self-Tracking Series Timing Belts:		Hi-Flex	152
Availability	82-87	Lay, "S" and "Z"	153
Overview	16	Materials	152
Specifications	140-143	Options	155
SFAT10	82, 83, 140	Spring Rate (Stiffness)	136-147, 152
SFAT15	84, 85, 140	Tensioners and Tensioning Clamps	174
SFAT20	86, 87, 142	Thickness, Backing	156-159
Slider Beds	174	Thickness, Belt	136-147
Specification Charts, Belt	136-147	Timing Belt Construction	10
Spliced and Welded Endless Belts (Code V)	12, 13	Timing Belt Modifications	166, 167
Spring Rate, Tension Member	136-147, 152	Timing Belt Pitch Listing (Tooth Profiles)	14-17
Stainless Steel:		TK Series Timing Belts see Self-Tracking	
Pulley and Flange Material	169	TK5 K6	60, 61
Tension Member Material	152	TK10 K6	62, 63
Standards (DIN 7721, ANSI/RMA)	14-17	TK10 K13	64, 65
STD Series Timing Belts:		TK20 K13	66, 67
Availability	105-106	Tolerances:	
Overview	17	Belt Length	148
Specifications	144-147	Belt Width	136-147
STD S5M HP and HF	105, 144	Tooth Engagement, AT Series	11, 173
STD S8M HP and HF	106, 144	Tooth Gap Configurations	173
Steel:		Tooth Removal, Belt	167
Pulley and Flange Material	169	Tooth Shear Strength see Strength	
Tension Member Material	152	Truly Endless Timing Belts (Code BFX)	12, 13
Stiffness see Spring Rate		TT 60 Backing	158, 159
Stock Profiles	162-165	<b>U, V</b>	
Stock Pulleys	170, 171	Ultimate Tensile Strength see Strength	
Strength:		V-Belts see FERROPAN	
Bonding	154, 155	V, Spliced and Welded Endless Code	12, 13
Comparison Chart	18, 19	V Timing Belts	116-124
Tensile, Belt		V-DL Timing Belts	125
Maximum Allowable	18, 136-147	Vacuum Timing Belts	166-167
Ultimate	136-147	<b>W, X, Z</b>	
Tooth Shear, Belt	18, 19, 154	Weight, Belt see Mass	
Strength and Flexibility	150, 154	Welder, Field	175
Supergrip Backing	156, 157	White Nub Backing	156-157
Surface Finishes, Pulley	169	Width Tolerance, Belt	136-147
<b>T</b>		XH (T7/8)	58, 59, 140
T Series Timing Belts:		XL (T1/5)	52, 53, 140
Availability	20-29	Zero Backlash (Tooth Gap)	14, 173
Overview	14	Zinc Plated Pulley and Flange Finish	169
Specifications	136-137		

# POLYURETHANE TIMING BELTS

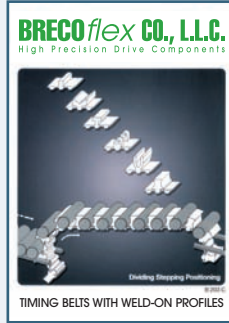
## BRECOflex CO., L.L.C. PRODUCT CATALOGS



### Polyurethane Timing Belts

Main Catalog (184 pages) Metric and English Pitches.

See BRECOflex catalog # B212



### Polyurethane Timing Belts with Weld-on Profiles

Dividing, Stepping, Positioning.

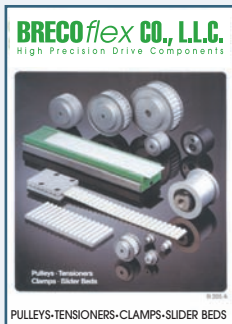
See BRECOflex catalog # B203



### Calculations Driving, Positioning, Conveying

Power, Torque, and Peripheral Force calculations.

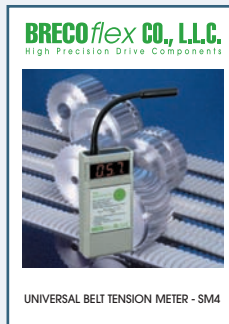
See BRECOflex catalog # B204



### Accessory Items for Polyurethane Timing Belts

Pulleys, Tensioners, Clamps, Slider Beds.

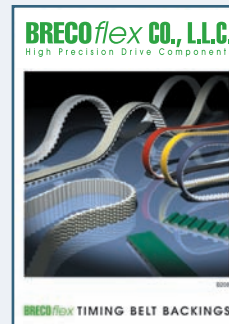
See BRECOflex catalog # B205



### Tension Meter

Improve Performance, lifetime, positioning accuracy, bearing load, and noise level.

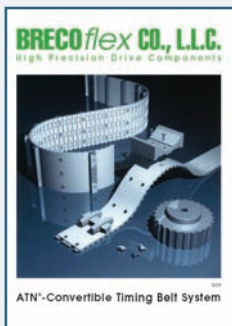
See BRECOflex catalog # B207



### Timing Belt Backings

Polyurethane Timing Belts in Metric and English pitches with a wide range of cover materials.

See BRECOflex catalog # B208



### ATN® - Convertible Timing Belt System

ATN technology allows the reconfiguration of profiled timing belts at the customer site.

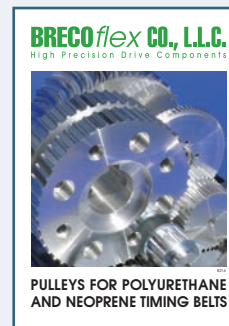
See BRECOflex catalog # B209



### ESBAND Truly Endless Woven Flat Belts

Wide variety of Polyurethane, Neoprene and Silicone state-of-the-art flat belts.

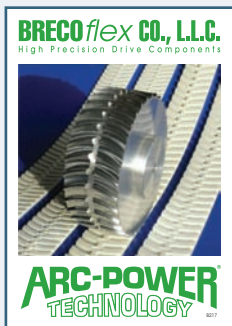
See BRECOflex catalog # B210



### Pulleys for Polyurethane and Neoprene Timing Belts

Finished pulleys and stock pulley program.

See BRECOflex catalog # B216



### New ARC-POWER Timing Belt Catalog

ARC-POWER Technology Best Performing Timing Belts Available.

See BRECOflex catalog # B217

All recommendations for the use of the products described herein and all other data or information set forth in this publication, whether concerning such products or otherwise, are furnished without any guarantee, warranty representations or inducement of any kind whether expressed or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. BRECOflex CO., L.L.C. expressly disclaims liability under any theory, including without limitation, contract negligence, misrepresentation or breach of any obligation relating to the recommendation, data or information set forth herein. Readers and customers are encouraged to conduct their own test before using any product. Read its label and all related instructions.

BRECOflex CO., L.L.C. reserves the right to make changes in the technical and dimensional specifications of its products without prior notice. Responsibility for expenses incurred as a result of product changes or discontinuance of a product lies solely with the purchaser.

# BRECOflex CO., L.L.C.

High Precision Drive Components



## BRECOflex CO., L.L.C.

High Precision Drive Components

222 Industrial Way West • Eatontown, NJ 07724  
Toll Free: 1-888-463-1400 • Tel: 732-460-9500 • Fax: 732-542-6725  
[www.brecoflex.com](http://www.brecoflex.com) • e-mail: [info@brecoflex.com](mailto:info@brecoflex.com)

Copyright 2003 BRECOflex CO., L.L.C. • BRECO®, BRECOFLEX® & ATN® are registered trademarks of BRECO Antriebstechnik GmbH  
ARC-POWER® is a registered trademark of BRECOflex CO., L.L.C. • Kevlar® is a registered trademark of DuPont  
Patents Pending. Specifications are subject to change without prior notice.