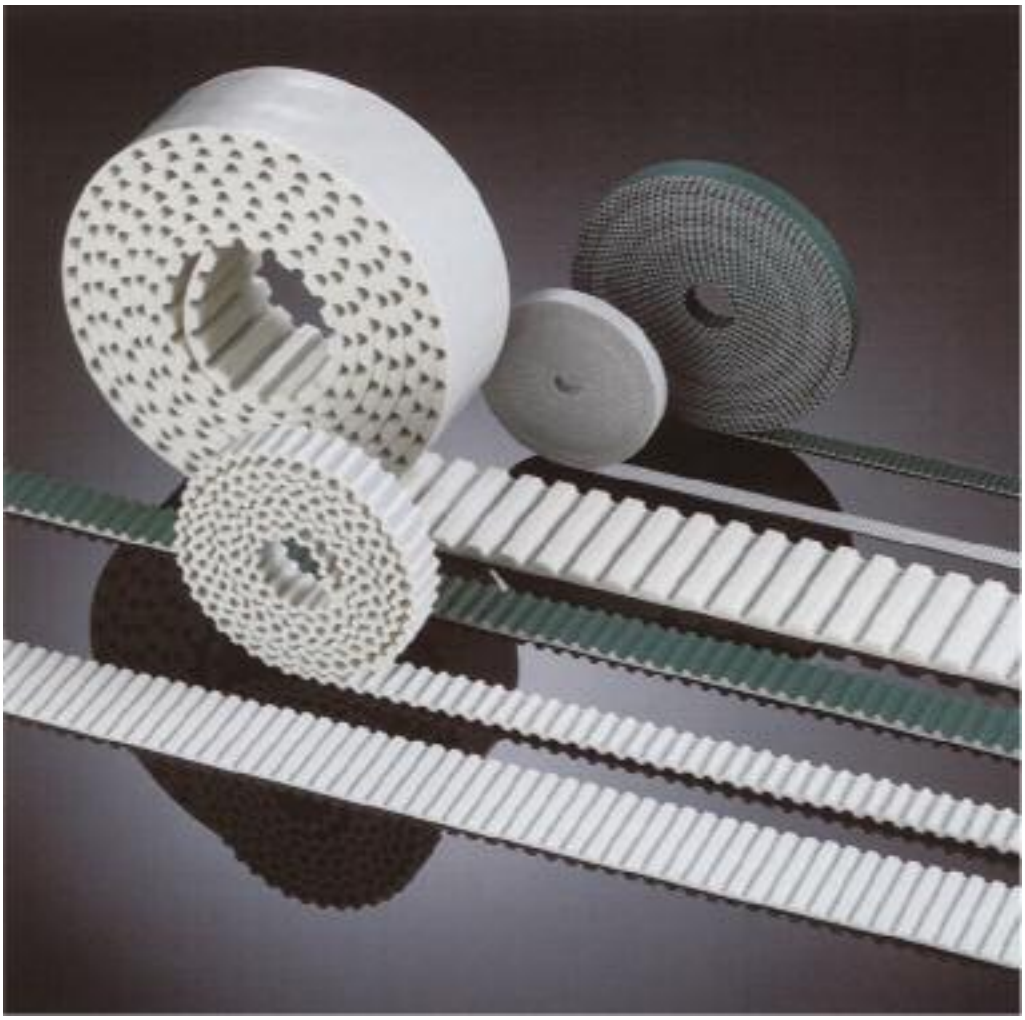
Product range



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BRECO® - BRECOFLEX® TIMING BELTS

MULCO®
THE POWER OF A WELL-MESHED GROUP

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Mulco-Europe EWIV

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Manufacturer within Mulco-Europe EWIV Group:

BRECO Antriebstechnik specialise in the manufacture of timing belts and accompanying components for the power transmission, linear and conveying industries as well as transport V-belts, flat belts and special belts for numerous applications.

The high quality and future-orientated BRECO products are based on the know-how and the dedicated commitment of all of the company's employees, thereby offering the user the opportunity to solve their application requirement using proven components or to develop new solutions.

The wide range of different finishing possibilities offered, a large number of belt backings for conveying technology and an almost unlimited choice of flights make BRECO® TIMING BELTS unrivalled in terms of application versatility. The broad standard range and, in particular, the production of special timing belts for special applications in the power transmission, linear and conveying industries are proof of BRECO's capability and flexibility.

BRECO Antriebstechnik have been certified according to the requirements of DIN EN ISO 9001 since 1998.

Sales and distribution of BRECO® products in Europe are assumed by the MULCO-Europe EWIV Group Companies. There is a sales partner in the USA, too. BRECO® products can, of course, be purchased outside of Europe through one of our partners.

Mulco-Europe EWIV

MULCO-EUROPE EWIV, europäische wirtschaftliche Interessenvereinigung (European Economic Pool of Interests) is an association of independent partners in the production and sales of polyurethane timing belts, synchronous pulleys and accompanying components. The sales partners work on an exclusive basis offering comprehensive and expert service. Each individual partner is backed by the know-how of the entire group thanks to the intensive co-operation in the field of timing belt technology.
As such, the designer in the industry can rely on the experience and the extensive expert knowledge of a strong group. He can expect individual treatment and a trustful co-operation from this Mulco partner in finding a solution to his specific application task.

Please refer to the back cover for your competent MULCO partner. Simply give him a call.

Polyurethane Timing Belts

Construction

BRECO® and BRECOFLEX® TIMING BELTS are made of wear resistant polyurethane and high tensile steel cord tension members. The combination of these two high-quality materials forms the basis for precise dimension and high load bearing properties of polyurethane timing belts. Polyurethane timing belts feature an exceptional span rigidity preventing post-elongation of the tension members to occur in continuous operation. Exception: under extremely high loads the tension members might settle after a short run-in period and slightly reduce the belt pre-tension. In such case, the timing belt needs to be retensioned once.
The timing belts are temperature resistant at ambient temperatures of -30°C to +80°C. **The use of timing belts at temperatures below -10° C and above +50° C might require dimensional adaptions. If so, please contact your Mulco partner.**

The manufacturing processes for BRECO® and BRECOFLEX® TIMING BELTS allow tight tolerances which guarantee a uniform load distribution during power transmission. These polyurethane timing belts are not only suitable for the transmission of high torques but also for positioning and transporting of all sorts of goods.

Properties

mechanical:

- positive fit, synchronous run
- constant length, no post-elongation
- low noise
- wear resistant
- no maintenance
- highly flexible
- positional and angular accuracy
- can be crossed
- fatigue resistant, low extension steel cord tension members
- max. belt speed 80 ms^{-1}
- small build sizes
- favourable power-to-weight ratio
- low pre-tension
- low bearing load
- permits large centre distances
- permits large ratios
- high degree of efficiency, max. 98%

chemical:

- hydrolysis resistant
- resistant to ageing
- temperature resistance: -30° to +80°C (please refer to „Construction“)
- tropical climate resistant
- resistant to simple oils, greases and petrol
- resistant to some acids and lyes

Standard version, single-sided

In their standard version BRECO® and BRECOFLEX® TIMING BELTS are a combined construction of two materials: wear resistant polyurethane (92° Shore A) and high tensile steel cord tension members. The standard version can universally be used for all tasks encountered in the power transmission and conveying industry.
Additional ordering code: none

Available for all pitches

Standard version, double-sided

Double-sided BRECO® and BRECOFLEX® TIMING BELTS correspond to the standard version. Both tooth sides can take the full load. DL timing belts in their standard version can universally be employed for all tasks encountered in the power transmission and conveying industry.
Additional ordering code: DL

Available for
AT 5 -DL only BRECOFLEX
AT 10 -DL only BRECOFLEX
T 5 -DL
T 10 -DL
T 20 -DL
T 1/2" -DL only BRECOFLEX

Nylon facing on the tooth side

The belt base is as per the standard version. An additional nylon facing on the tooth side favours a low coefficient of friction, facilitates the belt meshing into the pulley and reduces noise. Transport belts mounted on guide rails have a low coefficient of friction and are wear resistant.
Additional ordering code: PAZ

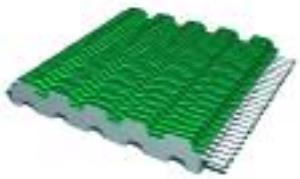
Available for all pitches apart from AT3, T2,5

Nylon facing on the back of the belt

The belt base is as per the standard version. An additional nylon belt backing favours a low coefficient of friction. Application in the conveying field: e.g. accumulation conveyors (low friction and wear resistant back).
Additional ordering code: PAR
Additional ordering code: PAR - PAZ (facing on both sides)

Available for all pitches, only BRECO M and V apart from AT3, T2,5

Nylon facing on double-sided belts



The belt base is as per the double-sided standard version. An additional nylon facing on one tooth side favours a low coefficient of friction, facilitates the belt meshing into the pulley and reduces noise. Transport belts mounted on guide rails have a low coefficient of friction and are wear resistant.
Additional ordering code: PAZ (facing only on the inside)

Available for
AT 5 -DL only BRECOFLEX
AT 10 -DL only BRECOFLEX
T 5 -DL
T 10 -DL
T 20 -DL
T 1/2" -DL only BRECOFLEX

Tooth Profiles

BAT **Curved teeth**
In order to achieve a further noise reduction, a profile without the conventional polygon effect was developed. In addition to its smooth running, this profile has a larger tooth flank compared to the AT version and is self-guiding in its preferred running direction.

Preferred application:
- special requirements for smooth running and transmission precision
- confined installation dimensions
- transport and power transmission tasks

AT **Performance**
Further development of the T profile resulted in the AT profile. This type of belt is characterised by an increased tooth shear strength resulting from the larger tooth volume and stronger tension members.

Advantages:
- favourable tooth mesh
- stronger tension members for pitch accuracy and high breaking load
- Improved performance up to 50% as compared to the T profile
- precise transmission of movement in conjunction with synchronous pulleys with reduced or zero backlash
- reduction of meshing impacts or shocks
- favourable mass or build space relationship

SFAT **Offset teeth**
AT performance profile with two toothed tracks with a belt designed as SFAT. These tooth tracks are offset by half a tooth pitch in relation to each other. In combination with the accompanying synchronous pulleys, the self-guiding will cause the belt to run straight. No flanges are required

Preferred application:
- running on synchronous pulleys without flanges
- where low noise is of the essence (reduced polygon effect)

ATK **Self-tracking belts**
TK Self-tracking belts are a combined construction of synchronous belts and V-belts with straight running characteristics. The performance range is that of the standard T or AT profiles minus the non toothed belt width.

Preferred application:
- where large lateral forces apply
- running on synchronous pulleys without flanges

T Standard profile
The timing belt with a trapezoidal profile according to DIN 7721 is regarded as the classical standard timing belt.

Preferred application:
- for standard drive tasks
- drive tasks with double-sided belt
- where high bending stresses apply
- applications with contraflexure

Imperial Profile
Imperial pitches according to DIN/ISO 5296 are available in the following sizes:
XL = 5.08 mm L =9.525 mm
H =12.70 mm XH= 22,225 mm

Preferred application:
- Applications in imperial units

F Flat belts

Preferred application:
- Tension belts (open length and joined)

Production Methods

BRECO® TIMING BELTS

BRECO M: Open lengths
BRECO V: Joined belts

BRECO M: The BRECO® TIMING BELT is produced in open lengths with tension members parallel in relation to the edges. Open length belts are used, for instance, in linear drives. All tension members participate in the power transmission flow.

BRECO V: Any length of BRECO® TIMING BELTS can be obtained by joining open length belts. In the join area, half of the tension members participate in the power transmission flow. Joined endless BRECO® TIMING BELTS find their preferred application in conveying technology for any centre distance.

Applications

Open length belts for linear drives

Linear drives convert rotary movements into linear movements. BRECO® TIMING BELTS are preferentially purchased in open lengths.

Joined belts in conveying technology

Joined timing belts can be supplied in any length. However, minimum lengths apply for the various belt profiles. To fit special transport requirements, timing belts can be supplied with backings or flighted.

BRECOFLEX® TIMING BELTS

Endless timing belts
without tension member break

BRECOFLEX: The BRECOFLEX® TIMING BELT is produced as an endless belt without tension member break. The tension member is spiralled. BRECOFLEX® TIMING BELTS can universally be used for all applications in drive technology up to 10000 rpm.

Applications

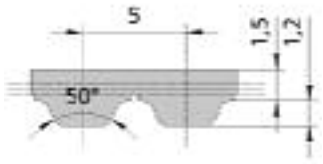
Endless timing belts for power drives

BRECOFLEX® TIMING BELTS without tension member break should be preferred for all power drives. They can be subjected to continuous operation or also to start-up/braking operation. Their maximum rotation speed is 10000 rpm.

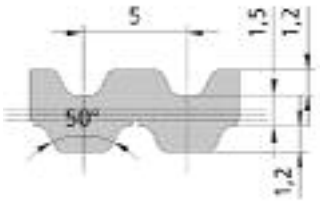
Endless timing belts are offered in the preferred lengths as listed in the catalogue. Furthermore, our production range allows the supply of in-between lengths up to a maximum endless length of 20000 mm.

BRECOFLEX® TIMING BELTS

AT 5



AT 5-DL



Belt lengths < 1100 mm with nylon facing on the tooth side

Available endless lengths of AT 5

- Preferred lengths: see table
- Under 1075 mm: upon request
- Double-sided belts upon request
- From 1075 mm: any number of teeth, minimum quantities applicable for in-between lengths
- Over 15000 mm: upon request
- DL belts available from 1075 mm length, minimum quantity applicable

Available types:

- Standard, single-sided.
- Standard, double-sided (DL), Minimum quantity applicable
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belts, only on the inside (DL-PAZ), minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ), belt thickness increased by 1.2 mm, available from 1075 mm length, minimum quantity applicable

Endless lengths

Type/Length	No.of teeth	Type/Length	No.of teeth
AT5/ 225	45	AT5/ 1900	380
AT5/ 255	51	AT5/ 2000	400
AT5/ 280	56	AT5/ 2120	424
AT5/ 305	61	AT5/ 2240	448
AT5/ 340	68	AT5/ 2360	472
AT5/ 390	78	AT5/ 2500	500
AT5/ 420	84	AT5/ 2650	530
AT5/ 455	91	AT5/ 2800	560
AT5/ 500	100	AT5/ 3000	600
AT5/ 545	109	AT5/ 3150	630
AT5/ 610	122	AT5/ 3350	670
AT5/ 660	132	AT5/ 3550	710
AT5/ 720	144	AT5/ 3750	750
AT5/ 780	156	AT5/ 4000	800
AT5/ 840	168	AT5/ 4250	850
AT5/ 855	171	AT5/ 4500	900
AT5/ 875	175	AT5/ 4750	950
AT5/ 960	192	AT5/ 5000	1000
AT5/ 990	198	AT5/ 5300	1060
AT5/ 1005	201	AT5/ 5600	1120
AT5/ 1020	204	AT5/ 6000	1200
AT5/ 1075	215	AT5/ 6300	1260
AT5/ 1100	220	AT5/ 6700	1340
AT5/ 1215	243	AT5/ 7100	1420
AT5/ 1380	276	AT5/ 7500	1500
AT5/ 1400	280		
AT5/ 1500	300	current maximum length produced:	
AT5/ 1600	320		
AT5/ 1700	340		
AT5/ 1800	360	AT5/ 15000	3000

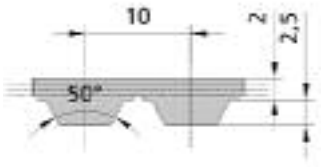
Preferred belt width
b [mm]: 10 16 25 32 50 75 100

In-between belt widths available

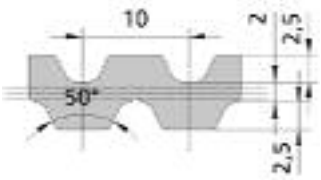
AT High Performance Profiles (BRECOFLEX)

BRECOFLEX® TIMING BELTS

AT 10



AT 10-DL



Belt lengths <1080 mm
Nylon facing on the tooth side

Available endless lengths for AT10

- Preferred lengths: see table
- Under 1080 mm: maximum width produced 100 mm, other lengths upon request
- From 1080 mm: any number of teeth, minimum quantities applicable for in-between lengths
- Over 20000 mm: upon request
- DL belts available from 1150 mm, minimum quantity applicable
- *) 150 mm belt width available from 1500 mm to 15000 mm

Available types:

- Standard, single-sided
- Standard, double-sided (DL)
  Available up to a belt width b_{max} = 100 mm
  Minimum quantity applicable
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belts, only on the inside (DL-PAZ)
  Available up to a belt width b_{max} = 100 mm
  Minimum quantity applicable
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max} = 100 mm
  Minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ)
  belt thickness increased by 2.5 mm,
  available from 1150 mm length,
  available up to a belt width b_{max} = 100 mm
  Minimum quantity applicable

Endless lengths

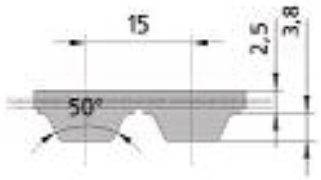
Type/Length	No. of teeth	Type/Length	No. of teeth
AT10/ 400	40	AT10/ 2000	200
AT10/ 500	50	AT10/ 2120	212
AT10/ 530	53	AT10/ 2240	224
AT10/ 560	56	AT10/ 2360	236
AT10/ 610	61	AT10/ 2500	250
AT10/ 630	63	AT10/ 2650	265
AT10/ 660	66	AT10/ 2800	280
AT10/ 700	70	AT10/ 3000	300
AT10/ 720	72	AT10/ 3150	315
AT10/ 780	78	AT10/ 3350	335
AT10/ 800	80	AT10/ 3550	355
AT10/ 810	81	AT10/ 3750	375
AT10/ 840	84	AT10/ 4000	400
AT10/ 850	85	AT10/ 4250	425
AT10/ 880	88	AT10/ 4500	450
AT10/ 890	89	AT10/ 4750	475
AT10/ 920	92	AT10/ 5000	500
AT10/ 960	96	AT10/ 5300	530
AT10/ 970	97	AT10/ 5600	560
AT10/ 980	98	AT10/ 6000	600
AT10/ 1010	101	AT10/ 6300	630
AT10/ 1080	108	AT10/ 6700	670
AT10/ 1150	115	AT10/ 7100	710
AT10/ 1210	121	AT10/ 7500	750
AT10/ 1240	124	AT10/ 8000	800
AT10/ 1250	125	AT10/ 9000	900
AT10/ 1320	132		
AT10/ 1400	140		
AT10/ 1420	142		
AT10/ 1500	150		
AT10/ 1530	153		
AT10/ 1600	160	current maximum length produced:	
AT10/ 1700	170		
AT10/ 1800	180		
AT10/ 1900	190	AT10/ 20000	2000

Preferred belt width
b [mm]: 25 32 50 75 100 150*)

In-between belt widths available

BRECOFLEX® TIMING BELTS

AT 15



Available endless lengths for AT 15

- Preferred lengths: see table
- Under 1500 mm: not available
- From 1500 mm: Any number of teeth, minimum quantities applicable for in-between lengths
- Over 19995 mm: upon request

Available types:

- Standard
- Nylon facing on the tooth side (PAZ)

Endless lengths

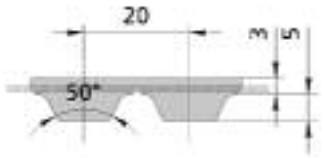
Type/Length	No.of teeth	Type/Length	No.of teeth
AT 15/1500	100	AT 15/5295	353
AT 15/1590	106	AT 15/5595	373
AT 15/1710	114	AT 15/6000	400
AT 15/1800	120	AT 15/6300	420
AT 15/1905	127	AT 15/6705	447
AT 15/1995	133	AT 15/7095	473
AT 15/2250	150	AT 15/7500	500
AT 15/2505	167		
AT 15/2790	186		
AT 15/3000	200		
AT 15/3495	233	current maximum	
AT 15/3750	250	length produced:	
AT 15/4005	267		
AT 15/4500	300	AT 15/19995	1333
AT 15/4995	333		

Preferred belt width
b [mm]: 50

AT High Performance Profiles (BRECOFLEX)

BRECOFLEX® TIMING BELTS

AT 20



Available endless lengths for AT20

- From 1100 mm to 1500 mm, see table
- From 1500 mm: any number of teeth, minimum quantities applicable for in-between lengths
- *) 150 mm belt width available from 1500 mm to 15000 mm
- Over 20000 mm: upon request

Available types:

- Standard, single-sided
- Nylon facing on the tooth side (PAZ)
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max}=100 mm
  Minimum quantity applicable

Endless lengths

Type	Length	No.of teeth
AT 20	1100	55
AT 20	1260	63
AT 20	1500	75
AT 20	1600	80
AT 20	1700	85
AT 20	1800	90
AT 20	1900	95
AT 20	2000	100
AT 20	2120	106
AT 20	2240	112
AT 20	2360	118
AT 20	2500	125
AT 20	2660	133
AT 20	2800	140
AT 20	3000	150
AT 20	3160	158
AT 20	3360	168
AT 20	3560	178
AT 20	3760	188
AT 20	4000	200
AT 20	4260	213
AT 20	4500	225
AT 20	4760	238
AT 20	5000	250
AT 20	5300	265
AT 20	5600	280
AT 20	6000	300
AT 20	6300	315
AT 20	6700	335
AT 20	7100	355
AT 20	7500	375
AT 20	8000	400
AT 20	8500	425
AT 20	9000	450

current maximum length produced:

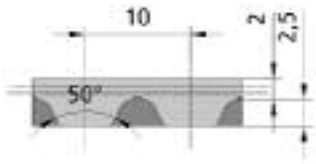
AT 20	20000	1100

Preferred belt width
b [mm]: 32 50 75 100 150*)

In-between belt widths available

BRECOFLEX®-TIMING BELTS with curved teeth

BAT 10



Available endless lengths for BAT 10

- Preferred lengths: see table
- Under 1100 mm: not available
  from 1100 mm: any number of teeth
- Minimum quantity applicable for in-between lenghts
- Over 20000 mm: upon request

Available types:

- Standard
- Nylon covering on the tooth side (PAZ)

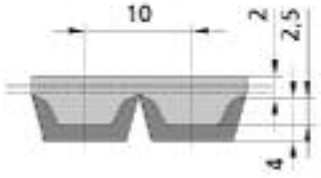
Endless lengths

Type	Length	No.of teeth
BAT 10	1100	110
BAT 10	1150	115
BAT 10	1210	121
BAT 10	1240	124
BAT 10	1250	125
BAT 10	1320	132
BAT 10	1400	140
BAT 10	1500	150
BAT 10	1600	160
BAT 10	1700	170
BAT 10	1800	180
BAT 10	1900	190
BAT 10	2000	200
BAT 10	2240	224
BAT 10	2500	250
BAT 10	2800	280
BAT 10	3000	300
BAT 10	3550	355
BAT 10	4000	400
BAT 10	4500	450
BAT 10	5000	500
BAT 10	5600	560
BAT 10	6000	600
BAT 10	6700	670
BAT 10	7100	710
BAT 10	7500	750
current maximum length produced:		
BAT 10	20000	2000

Preferred belt width
b [mm]: 32 50 75 100

BRECOFLEX® Self-tracking belt

ATK 10 K6



with a cogged V

Available endless lengths for ATK10 K6

- Preferred lengths: see table
- Under 1500 mm: not available
- From 1500 mm: any number of teeth, minimum quantities applicable for in-between lengths
- Over 20000 mm: upon request

Available types:

- Standard, single-sided
- Standard, double-sided (DL)
  Minimum quantity applicable
- Nylon facing on the tooth side (PAZ)
- Double-sided self-tracking belt with nylon facing on the self-tracking tooth side (DL-PAZ), minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ), belt thickness increased by 2.5 mm, minimum quantity applicable

Endless lengths

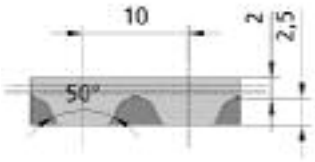
Type/Length	No.of teeth	Type/Length	No.of teeth
ATK10 K6/1500	150	ATK10 K6/6300	630
ATK10 K6/1600	160	ATK10 K6/6700	670
ATK10 K6/1700	170	ATK10 K6/7100	710
ATK10 K6/1800	180	ATK10 K6/7500	750
ATK10 K6/1900	190	ATK10 K6/8000	800
ATK10 K6/2000	200		
ATK10 K6/2120	212		
ATK10 K6/2240	224		
ATK10 K6/2360	236		
ATK10 K6/2500	250		
ATK10 K6/2650	265		
ATK10 K6/2800	280		
ATK10 K6/3000	300		
ATK10 K6/3150	315		
ATK10 K6/3350	335		
ATK10 K6/3550	355		
ATK10 K6/3750	375		
ATK10 K6/4000	400		
ATK10 K6/4250	425		
ATK10 K6/4500	450		
ATK10 K6/4750	475		
ATK10 K6/5000	500	current maximum length produced:	
ATK10 K6/5300	530		
ATK10 K6/5600	560		
ATK10 K6/6000	600	ATK10K6/20000	2000

Preferred belt width
b [mm]: 50 100

In-between widths upon request

BRECOFLEX® TIMING BELTS with offset teeth

SFAT 10



Available endless lengths for SFAT10

- Preferred lengths: see table
- Under 1100 mm: not available
- From 1100 mm: any number of teeth, minimum quantity applicable for in-between lenghts
- Over 20000 mm: upon request

Available types:

- Standard
- Nylon covering on the tooth side (PAZ)

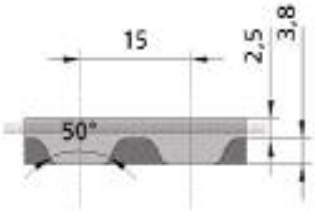
Endless lengths

Type/Length	No.of teeth	Type/Length	No.of teeth
SFAT 10/1100	110	SFAT 10/4000	400
SFAT 10/1200	120	SFAT 10/4500	450
SFAT 10/1300	130	SFAT 10/5000	500
SFAT 10/1400	140	SFAT 10/5600	560
SFAT 10/1500	150	SFAT 10/6000	600
SFAT 10/1600	160	SFAT 10/6700	670
SFAT 10/1700	170	SFAT 10/7100	710
SFAT 10/1800	180	SFAT 10/7500	750
SFAT 10/1900	190		
SFAT 10/2000	200		
SFAT 10/2240	224		
SFAT 10/2500	250		
SFAT 10/2800	280	current maximum length produced:	
SFAT 10/3000	300		
SFAT 10/3550	355	SFAT 10/20000	2000

Preferred belt width
b [mm]: 50 75 100

BRECOFLEX® TIMING BELTS with offset teeth

SFAT 15



Available endless lengths for SFAT 15

- Preferred lengths: see table
- Under 1500 mm: not available
- From 1500 mm: any number of teeth, minimum quantity applicable for in-between lenghts
- Over 19995 mm: upon request

Available types:

- Standard
- Nylon facing on the tooth side (PAZ)

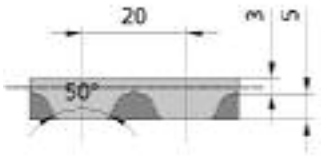
Endless lengths

Type/Length	No.of teeth	Type/Length	No.of teeth
SFAT 15/1500	100	SFAT 15/5295	353
SFAT 15/1590	106	SFAT 15/5595	373
SFAT 15/1710	114	SFAT 15/6000	400
SFAT 15/1800	120	SFAT 15/6300	420
SFAT 15/1905	127	SFAT 15/6705	447
SFAT 15/1995	133	SFAT 15/7095	473
SFAT 15/2250	150	SFAT 15/7500	500
SFAT 15/2505	167		
SFAT 15/2790	186		
SFAT 15/3000	200		
SFAT 15/3495	233	current maximum length produced:	
SFAT 15/3750	250		
SFAT 15/4005	267		
SFAT 15/4500	300	SFAT 15/19995	1333
SFAT 15/4995	333		

Preferred belt width
b [mm]: 50 75 100

BRECOFLEX® TIMING BELTS with offset teeth

SFAT 20



Available endless lengths for SFAT 20

- Preferred lengths: see table
- Under 1500 mm: not available
- From 1500 mm: any number of teeth, minimum quantity applicable for in-between lenghts
- Over 20000 mm: upon request

Available types:

- Standard
- Nylon facing on the tooth side (PAZ)

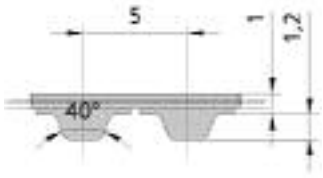
Endless lengths

Type/Length	No.of teeth	Type/Length	No.of teeth
SFAT 20/1500	75		
SFAT 20/1600	80		
SFAT 20/1700	85		
SFAT 20/1800	90		
SFAT 20/1900	95		
SFAT 20/2000	100		
SFAT 20/2240	112		
SFAT 20/2500	125		
SFAT 20/2800	140		
SFAT 20/3000	150		
SFAT 20/3560	178		
SFAT 20/3760	188		
SFAT 20/4000	200		
SFAT 20/4500	225		
SFAT 20/5000	250		
SFAT 20/5600	280		
SFAT 20/6000	300	current maximum length produced:	
SFAT 20/6700	335		
SFAT 20/7100	355		
SFAT 20/7500	375	SFAT 20/20000	1000

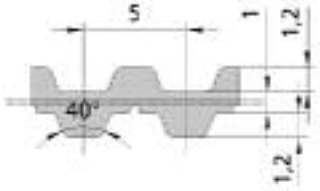
Preferred belt width
b [mm]: 50 75 100

BRECOFLEX® TIMING BELTS

T5



T 5-DL



Belt lengths <1075 mm
with nylon facing on the tooth side

Available endless lengths for T 5

- Preferred lengths: see table
- Under 1075 mm: upon request
- Double-sided belts upon request
- From 1075 mm: any number of teeth, minimum quantity applicable for in-between lengths
- DL belts available from 1075 mm, minimum quantities applicable for in-between lengths Minimum quantity applicable from 2650 mm preferred length
- Over 15000 mm: upon request

Available types:

- Standard, single-sided.
- Standard, double-sided (DL), available from 1075 mm length. Minimum quantity applicable from 2650 mm length
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belts, only on the inside (DL-PAZ) Minimum quantity applicable from 2650 mm preferred length
- Thicker back of the belt (DR) and (DR-PAZ), belt thickness increased by 1.2 mm, available from 1075 mm length Minimum quantity applicable

Endless lengths

Type/Length	No.of teeth	Type/Length	No.of teeth
T 5/ 200	40	T 5/ 910	182
T 5/ 215	43	T 5/ 920	184
T 5/ 220	44	T 5/ 945	189
T 5/ 225	45	T 5/ 980	196
T 5/ 240	48	T 5/ 990	198
T 5/ 245	49	T 5/ 1000	200
T 5/ 255	51	T 5/ 1040	208
T 5/ 260	52	T 5/ 1075	215
T 5/ 270	54	T 5/ 1100	220
T 5/ 280	56	T 5/ 1215	243
T 5/ 295	59	T 5/ 1380	276
T 5/ 305	61	T 5/ 1400	280
T 5/ 330	66	T 5/ 1500	300
T 5/ 340	68	T 5/ 1600	320
T 5/ 355	71	T 5/ 1620	324
T 5/ 365	73	T 5/ 1700	340
T 5/ 370	74	T 5/ 1800	360
T 5/ 390	78	T 5/ 1900	380
T 5/ 400	80	T 5/ 2000	400
T 5/ 410	82	T 5/ 2120	424
T 5/ 420	84	T 5/ 2240	448
T 5/ 435	87	T 5/ 2360	472
T 5/ 455	91	T 5/ 2500	500
T 5/ 480	96	T 5/ 2650	530
T 5/ 500	100	T 5/ 2800	560
T 5/ 510	102	T 5/ 3000	600
T 5/ 525	105	T 5/ 3150	630
T 5/ 545	109	T 5/ 3350	670
T 5/ 560	112	T 5/ 3550	710
T 5/ 575	115	T 5/ 3750	750
T 5/ 610	122	T 5/ 4000	800
T 5/ 620	124	T 5/ 4250	850
T 5/ 630	126	T 5/ 4500	900
T 5/ 660	132	T 5/ 4750	950
T 5/ 690	138	T 5/ 5000	1000
T 5/ 720	144	T 5/ 5300	1060
T 5/ 750	150	T 5/ 5600	1120
T 5/ 755	151	T 5/ 6000	1200
T 5/ 780	156	T 5/ 6300	1260
T 5/ 800	160	T 5/ 6700	1340
T 5/ 815	163	T 5/ 7100	1420
T 5/ 840	168	T 5/ 7500	1500
T 5/ 850	170		
T 5/ 860	172	current maximum length produced:	
T 5/ 900	180		
		T 5/15000	3000

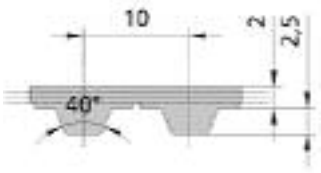
Preferred belt width
b [mm]: 10 16 25 32 50 75 100

In-between belt widths available

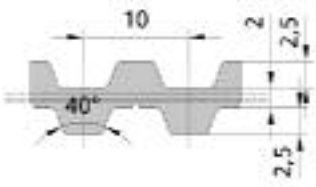
T Standard Profiles (BRECOFLEX)

BRECOFLEX® TIMING BELTS

T10



T 10-DL



Belt lengths <1080 mm
With nylon facing on the tooth side

Available endless lengths for T10

- Preferred lengths: see table
- In-between lengths under 1080 mm: upon request
- From 1080 mm: any number of teeth, minimum quantities applicable for in-between lengths
- DL belts available from 1080 mm, minimum quantities applicable for in-between lengths Minimum quantity applicable from 5300 mm preferred length
- Over 20000 mm: upon request

Available types:

- Standard, single-sided
- Standard, double-sided (DL), available from 1080 mm length, minimum quantity applicable for in-between lengths Minimum quantity applicable from 5300 mm preferred length
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belts, only on the inside (DL-PAZ), available from 1080 mm length. Minimum quantity applicable from 5300 mm length
- Transport backing (T) and (T-PAZ), available from 1080 mm length, minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ), belt thickness increased by 2.5 mm, available from 1080 mm length. Minimum quantity applicable

Endless lengths

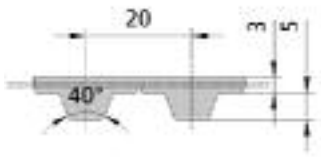
Type/Length	No.of teeth	Type/Length	No.of teeth
T 10/ 500	50	T 10/ 1800	180
T 10/ 530	53	T 10/ 1880	188
T 10/ 560	56	T 10/ 1960	196
T 10/ 600	60	T 10/ 2250	225
T 10/ 610	61	T 10/ 2360	236
T 10/ 630	63	T 10/ 2500	250
T 10/ 660	66	T 10/ 2650	265
T 10/ 690	69	T 10/ 2800	280
T 10/ 700	70	T 10/ 3000	300
T 10/ 720	72	T 10/ 3100	310
T 10/ 780	78	T 10/ 3150	315
T 10/ 810	81	T 10/ 3350	335
T 10/ 840	84	T 10/ 3750	375
T 10/ 880	88	T 10/ 4000	400
T 10/ 890	89	T 10/ 4250	425
T 10/ 920	92	T 10/ 4500	450
T 10/ 960	96	T 10/ 4750	475
T 10/ 970	97	T 10/ 5000	500
T 10/ 980	98	T 10/ 5300	530
T 10/ 990	99	T 10/ 5600	560
T 10/1010	101	T 10/ 6000	600
T 10/1050	105	T 10/ 6300	630
T 10/1080	108	T 10/ 6700	670
T 10/1110	111	T 10/ 7100	710
T 10/1150	115	T 10/ 7500	750
T 10/1210	121	T 10/ 8000	800
T 10/1240	124	T 10/ 9000	900
T 10/1250	125		
T 10/1260	126		
T 10/1320	132	current maximum length produced:	
T 10/1350	135		
T 10/1390	139	T 10/ 20000	2000
T 10/1400	140		
T 10/1420	142		
T 10/1460	146		
T 10/1480	148		
T 10/1500	150		
T 10/1560	156		
T 10/1610	161		
T 10/1750	175		
T 10/1780	178		

Preferred belt width
b [mm]: 16 25 32 50 75 100

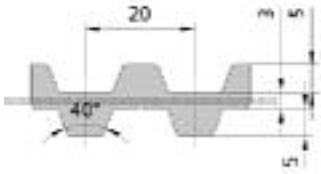
In-between belt widths available

BRECOFLEX® TIMING BELTS

T 20



T 20-DL



Available endless lengths for T20

- Preferred lengths: see table
- Over 1500 mm: any number of teeth, minimum quantities applicable for in-between lengths
- Over 20000 mm: upon request
- Under 1500 mm: upon request
- *) 150 mm belt width available from 1500 mm to 15000 mm
- DL belts available from 3760 mm preferred length, minimum quantity applicable

Available types:

- Standard, single-sided.
- Standard, double-sided (DL),
  Available up to a belt width b_{max}=100 mm
  Minimum quantity applicable from 3760 mm preferred length
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belt, only on the inside (DL-PAZ)
  Available up to a belt width b_{max}=100 mm
  Minimum quantity applicable from 3760 mm preferred length
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max}=100 mm
  Minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ)
  Belt thickness increased by 5 mm
  Available up to a belt width b_{max}=100 mm
  Minimum quantity applicable

Endless lengths

Type	Length	No.of teeth
T 20	1500	75
T 20	1600	80
T 20	1700	85
T 20	1800	90
T 20	1900	95
T 20	2000	100
T 20	2120	106
T 20	2240	112
T 20	2360	118
T 20	2500	125
T 20	2660	133
T 20	2800	140
T 20	3000	150
T 20	3160	158
T 20	3360	168
T 20	3560	178
T 20	3760	188
T 20	4000	200
T 20	4260	213
T 20	4500	225
T 20	4760	238
T 20	5000	250
T 20	5300	265
T 20	5600	280
T 20	6000	300
T 20	6300	315
T 20	6700	335
T 20	7100	355
T 20	7500	375
T 20	8000	400
T 20	8500	425
T 20	9000	450
current maximum length produced:		
T 20	20000	1000

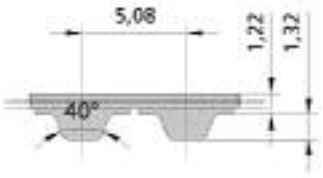
Preferred belt width
b [mm]: 32 50 75 100 150*)

In-between belt widths available

Imperial Profiles (BRECOFLEX)

BRECOFLEX® TIMING BELTS

XL with nylon facing



1/5"=5.08 mm

Available endless lengths for XL

- Preferred lengths: see table
- Further lengths upon request

Available types:

- Standard, single-sided
- Nylon facing on the tooth side (PAZ)

Endless lengths

Length code / pitch	Length mm	No.of teeth
60 XL	152,40	30
70 XL	177,80	35
80 XL	203,20	40
90 XL	228,60	45
100 XL	254,00	50
110 XL	279,40	55
120 XL	304,80	60
130 XL	330,20	65
140 XL	355,60	70
150 XL	381,00	75
160 XL	406,40	80
170 XL	431,80	85
180 XL	457,20	90
190 XL	482,60	95
200 XL	508,00	100
210 XL	533,40	105
220 XL	558,80	110
230 XL	584,20	115
240 XL	609,60	120
250 XL	635,00	125
260 XL	660,40	130

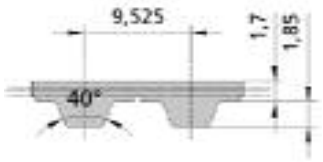
Preferred belt width

b [mm]:	6.35	7.94	9.53	12.7	19.1	25.4
Imperial code:	025	031	037	050	075	100

In-between belt widths available

BRECOFLEX® TIMING BELTS

L



3/8"=9.525 mm

Available endless lengths for L

- Preferred lengths: see table
- Under 1066.8 mm: upon request
- From 1066.8 mm: any number of teeth, Minimum quantity applicable for in-between lengths
- Over 14992.35 mm: upon request

Available types:

- Standard, single-sided
- Available from 1066.8 mm, minimum quantity applicable
- Nylon facing on the tooth side (PAZ)

Endless lengths

Length code / Pitch	Length mm	No.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
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
current maximum length produced:		
5902 L	14992,35	1574

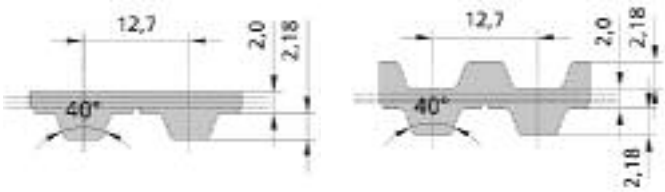
Preferred belt width b [mm]:	9.53	12.7	19.1	25.4	50.8	101.6
Imperial code:	037	050	075	100	200	400

In-between belt widths available

Imperial Profiles (BRECOFLEX)

BRECOFLEX® TIMING BELTS

H **H - DL**



1/2"=12.7 mm

Available endless lengths for H

- Preferred lengths: see table
- Under 1066.8 mm: upon request
- From 1066.8 mm: any number of teeth, Minimum quantity applicable for in-between lengths
- Over 16002.0 mm: upon request

Available types:

- Standard, single-sided
- Standard, double-sided (DL)
  Available from 1066.8 mm, minimum quantity applicable for in-between lengths
  Minimum quantity applicable from 1250 H preferred length
- Nylon facing on the tooth side (PAZ)
- Nylon facing on double-sided belt, only on the inside (DL-PAZ)
  Minimum quantity applicable from 1250 H preferred length
- Transport backing (T) and (T-PAZ)
  Minimum quantity applicable
- Thicker back of the belt (DR) and (DR-PAZ)
  Belt thickness increased by 2.18 mm, available from 1066.8 mm length
  Minimum quantity applicable

Endless lengths

Length code / Pitch	Length mm	No.of teeth
420 H	1066,80	84
450 H	1143,00	90
480 H	1219,20	96
510 H	1295,40	102
540 H	1371,60	108
570 H	1447,80	114
600 H	1524,00	120
630 H	1600,20	126
660 H	1676,40	132
700 H	1778,00	140
750 H	1905,00	150
800 H	2032,00	160
850 H	2159,00	170
900 H	2286,00	180
1000 H	2540,00	200
1100 H	2794,00	220
1250 H	3175,00	250
1400 H	3556,00	280
1700 H	4318,00	340
2000 H	5080,00	400
2300 H	5842,00	460
2600 H	6604,00	520
3000 H	7620,00	600
current maximum length produced:		
6300 H	16002,00	1260

Preferred belt width

b [mm]:	12.7	19.1	25.4	38.1	50.8	76.2	101.6
Imperial code:	050	075	100	150	200	300	400

In-between belt widths available

BRECOFLEX® TIMING BELTS

XH

7/8"=22.225 mm

Available endless lengths for XH

- Preferred lengths: see table
- Under 1422.4 mm: upon request
- From 1422.4 mm: any number of teeth, Minimum quantity applicable for in-between lengths
- Over 16002.00 mm: upon request

Available types:

- Standard, single-sided
- Nylon facing on the tooth side (PAZ)

Length code / Pitch	Length mm	No.of teeth
560 XH	1422,40	64
630 XH	1600,20	72
700 XH	1778,00	80
770 XH	1955,80	88
840 XH	2133,60	96
980 XH	2489,20	112
1120 XH	2844,80	128
1260 XH	3200,40	144
1400 XH	3556,00	160
1540 XH	3911,60	176
1750 XH	4445,00	200
1960 XH	4978,40	224
2275 XH	5778,50	260
2450 XH	6223,00	280
3500 XH	8890,00	400
current maximum length produced:		
6300 XH	16002,00	720

Preferred belt width

b [mm]:	50.8	76.2	101.6
Imperial code:	200	300	400

In-between belt widths available

Flat Belts (BRECOFLEX)

BRECOFLEX FLAT BELTS

F 2

Available endless lengths for F 2

- Preferred lengths: see table
- Under 1500 mm: upon request
- Minimum quantity applicable for in-between lengths
- Over 20000 mm: upon request

Available types for F 2

- Standard
- Nylon facing on the keyway side (PAZ)

Endless lengths

Type	Length	Type	Length
F 2	1500	F 2	2000
F 2	1550	F 2	2100
F 2	1600	F 2	2500
F 2	1650	F 2	3000
F 2	1700	F 2	4000
F 2	1750	F 2	5000
F 2	1800		
F 2	1850		
F 2	1900		
F 2	1950		

current maximum length produced:

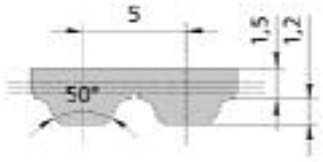
F 2	20000

Preferred belt width
b [mm]: 16 25 32 50 75 100

In-between belt widths available

BRECO TIMING BELTS

ATL 5



Preferred belt widths (M) *
b [mm]: 16 25 32 50

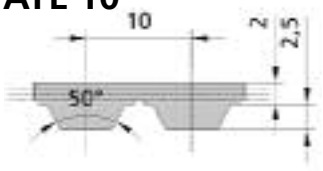
*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

Available types for ATL 5

- Standard
- Nylon facing on the tooth side (PAZ)
- Only available in open lengths

BRECO TIMING BELTS

ATL 10



Preferred belt widths (M) *
b [mm]: 32 50 75 100

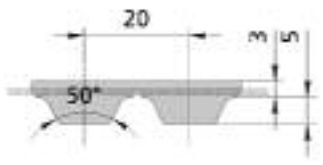
*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

Available types for ATL 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Only available in open lengths

BRECO TIMING BELTS

ATL 20



Preferred belt widths (M) *
b [mm]: 32 50 75 100

*) In-between belt widths available
Preferred delivery in rolls of 50 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

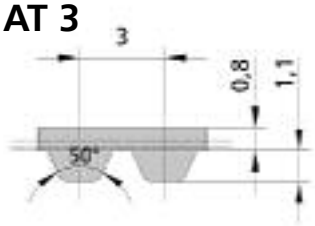
Available types for ATL 20

- Standard
- Nylon facing on the tooth side (PAZ)
- Only available in open lengths

AT High Performance Profiles (BRECO M/V)

BRECO TIMING BELTS

AT 3



Available types for AT 3

- Standard

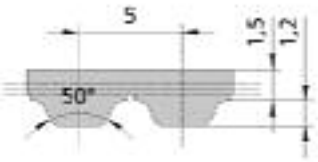
Preferred belt widths (M/V) *)
b [mm]: 8 10 20 25

*) In-between belt widths available
Preferred delivery in rolls of 100 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length: 880 mm

BRECO TIMING BELTS

AT 5



Available types for AT 5

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

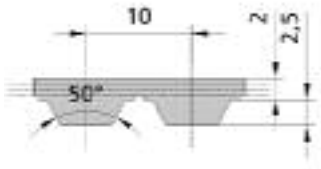
Preferred belt widths (M/V) *)
b [mm]: 10 16 25 32 50 75

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length: 880 mm

BRECO TIMING BELTS

AT 10



Available types for AT 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max} = 100 mm

Preferred belt widths (M/V) *)

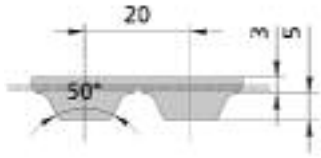
b [mm]:	25	32	50	75	100	150

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length:
880 mm up to 100 width
1000 mm for 150 width

BRECO TIMING BELTS

AT 20



Available types for AT 20

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon fabric on both sides (PAZ-PAR)
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max} = 100 mm

Preferred belt widths (M/V) *)

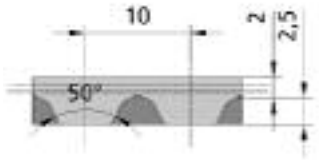
b [mm]:	32	50	75	100	150

*) In-between belt widths available
Preferred delivery in rolls of 50 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

Endless joined minimum length: 1000 mm

BRECO® TIMING BELTS with curved teeth

BAT 10



Preferred belt widths (V) *)

b [mm]:	25	32	50	75	100

*) In-between widths are occasionally possible

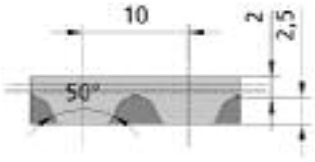
Endless joined minimum length: 880 mm

Available types for BAT 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Available up to a belt width b_{max} = 100 mm

BRECO® TIMING BELTS with offset teeth

SFAT 10



Preferred belt widths (M/V) *)
b [mm]: 50 75 100

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

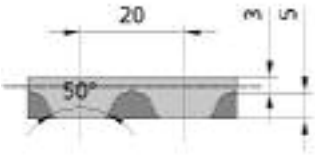
Available types for SFAT 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

Endless joined minimum length 880 mm

BRECO® TIMING BELTS with offset teeth

SFAT 20



Preferred belt widths (M/V) *)
b [mm]: 50 75 100

*) In-between belt widths available
Preferred delivery in rolls of 50 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

Available types for SFAT 20

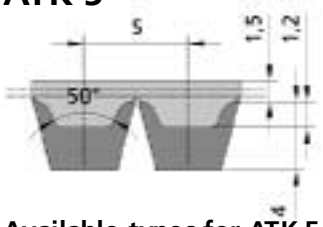
- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

Endless joined minimum lengths 1500 mm

Self-Guiding Profiles (BRECO V)

BRECO® Self-tracking belts

ATK 5



Preferred belt width (V)
b [mm]: 32 50

In-between widths upon request

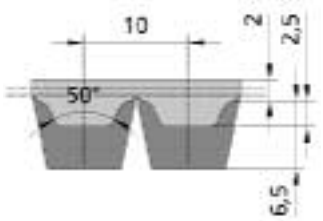
Endless joined minimum length: 1000 mm

Available types for ATK 5

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

BRECO® Self-tracking belt

ATK 10



Preferred belt width (V)
b [mm]: 32 50 75 100 150

In-between widths upon request

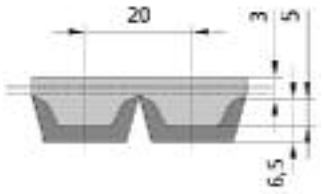
Endless joined minimum length: 1000 mm

Available types for ATK 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Transport backing (T) and (T-PAZ)
  Available up to a belt width b_{max} = 100 mm

BRECO® Self-tracking belt

ATK 20



Preferred belt width (V)
b [mm]: 75 100

In-between widths upon request

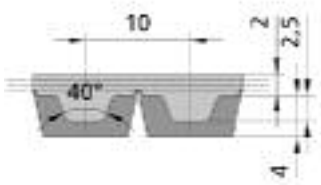
Endless joined minimum length: 1000 mm

Available types for ATK 20

- Standard

BRECO® Self-tracking belts

TK 10 K6



Preferred belt width (V)
b [mm]: 25 50

In-between widths upon request

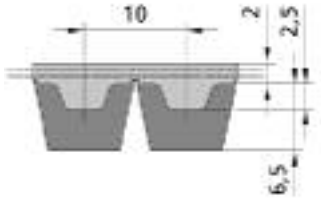
Endless joined minimum length: 1000 mm

Available types for TK 10 K6

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

BRECO® Self-tracking belt

TK 10



Preferred belt width (V)
b [mm]: 32 50 75 100

In-between widths upon request

Endless joined minimum length: 1000 mm

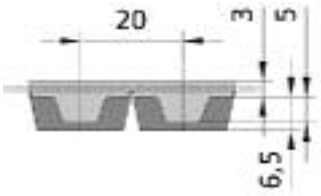
Available types for TK 10

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Transport backing (T) and (T-PAZ)

Self-Guiding Profiles (BRECO V)

BRECO® Self-tracking belts

TK 20



Preferred belt widths (V)
b [mm]: 75 100

In-between widths upon request

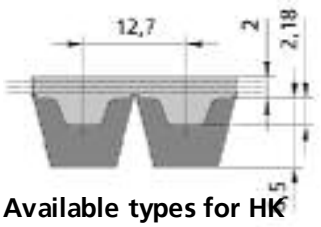
Endless joined minimum length: 1500 mm

Available types for TK 20

- Standard

BRECO® Self-tracking belts

HK



Preferred belt widths (V)
b [mm]: 38.1 50.8 76.2 101.6
Imperial code : 150 200 300 400

In-between widths upon request

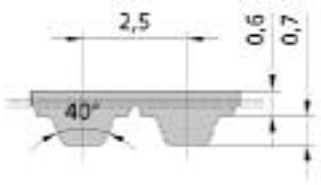
Endless joined minimum length: 1000 mm

Available types for HK

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Transport backing (T) and (T-PAZ)

BRECO® TIMING BELTS

T 2,5



Available types for T 2,5

- Standard

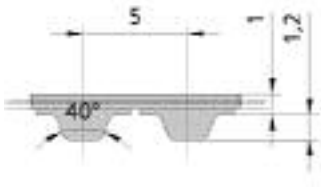
Preferred belt widths (M/V) *)
b [mm]: 8 10 20

*) In-between belt widths available
Preferred delivery in rolls of 100 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

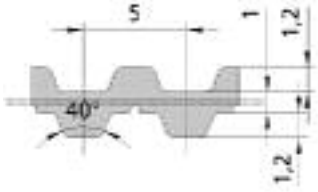
Endless joined minimum length: 350 mm

BRECO® TIMING BELTS

T 5



T 5-DL



Available types for T 5

- Standard
- Nylon facing on the tooth side (PAZ)
- Standard, double-sided (DL)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Nylon facing on double-sided belts (DL-PAZ), only on the inside
- Transport backing (T) and (T-PAZ)

Preferred belt widths (M/V) *)
b [mm]: 10 16 25 32 50 75

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length T5: 880 mm
Endless joined minimum length T5-DL: 1000 mm

T Standard Profiles (BRECO M/V)

BRECO® TIMING BELTS

T 10

Preferred belt widths (M/V) *)
b [mm]: 16 25 32 50 75 100 150

*) In-between belt widths available
Preferred delivery In rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

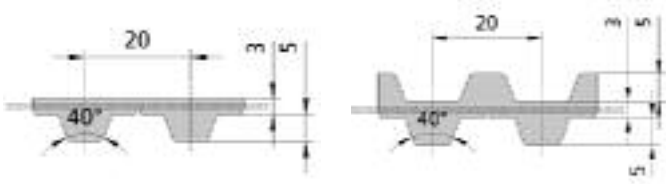
Available types for T 10

- Standard
- Standard, double-sided (DL)
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Nylon facing on double-sided belts (DL-PAZ), only on the inside
- Transport backing (T) und (T-PAZ)

Endless joined minimum length T10: 880 mm
Endless joined minimum length T10-DL: 1000 mm
Minimum length for 150 width: 1000 mm

BRECO® TIMING BELTS

T 20



Preferred belt widths (M/V) *)
b [mm]: 25 32 50 75 100 150

*) In-between belt widths available
Preferred delivery in rolls of 50 m.
Please specify shorter dimensions (cut to length) separately
angeben.
Please specify lengths above 50 m separately.

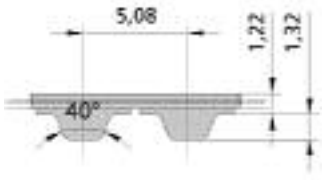
Available types for T 20

- Standard
- Standard, double-sided (DL)
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Nylon facing on double-sided belts (DL-PAZ), only on the inside
- Transport backing (T) and (T-PAZ)

Endless joined minimum length T20: 1000 mm
Endless joined minimum length T20-DL: 1200 mm

BRECO® TIMING BELTS

T 1/5"



Available types for T 1/5"

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

Preferred belt widths (M)*)

b [mm]:	6.35	7.94	9.53	12.7	19.1	25.4

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.

Please specify lengths above 100 m separately.

Preferred belt widths (V)

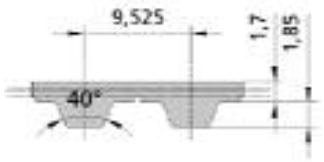
b [mm]:	9.53	12.7	19.1	25.4
Imperial code:	037	050	075	100

In-between widths upon request

Endless joined minimum length: 880 mm

BRECO® TIMING BELTS

T 3/8"



Available types for T 3/8"

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

Preferred belt widths (M/V) *)

b [mm]:	9.53	12.7	19.1	25.4	38.1	50.8
Imperial code:	037	050	075	100	150	200

*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length: 880 mm

Imperial Profiles (BRECO M/V)

BRECO® TIMING BELTS

T 1/2"

Available types for T 1/2"

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)
- Transport backing (T) und (T-PAZ)

Preferred belt widths (M/V) *)

b [mm]:	12.7	19.1	25.4	38.1	50.8	76.2	101.6	152.4
Imperial code:	050	075	100	150	200	300	400	600

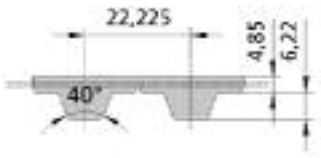
*) In-between belt widths available
Preferred delivery in rolls of 50 or 100 m length.
Please specify shorter dimensions (cut to length) separately.

Please specify lengths above 100 m separately.

Endless joined minimum length:	880 mm
Minimum length for 152.4 width:	1000 mm

BRECO® TIMING BELTS

T 7/8"



Available types for T 7/8"

- Standard
- Nylon facing on the tooth side (PAZ)
- Nylon belt backing (PAR)
- Nylon facing on both sides (PAZ-PAR)

Preferred belt widths (M/V) *)

b [mm]:	50.8	76.2	101.6
Imperial code:	200	300	400

*) In-between belt widths available
Preferred delivery in rolls of 50 m.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 50 m separately.

Endless joined minimum length:	880 mm

BRECO FLAT BELTS

F 1

Available types for F 1

- Standard
- Only available in open lengths

Preferred belt widths (M)*)

b [mm]:	8	10	20

*) In-between belt widths available
Preferred delivery in rolls of 100 m.
Please specify shorter dimensions (cut to length) separately..
Please specify lengths above 100 m separately.

BRECO FLAT BELTS

F 2

Available types for F 2

- Standard
- Nylon facing on the V groove side (PAZ)

Preferred belt widths (M/V) *)

b [mm]:	25	32	50	75	100

*) In-between belt widths available
Preferred delivery in rolls of 50 and 100 meters.
Please specify shorter dimensions (cut to length) separately.
Please specify lengths above 100 m separately.

Endless joined minimum length:	880 mm

Timing Belts with backings
Flighted Timing Belts

Timing belts with backings

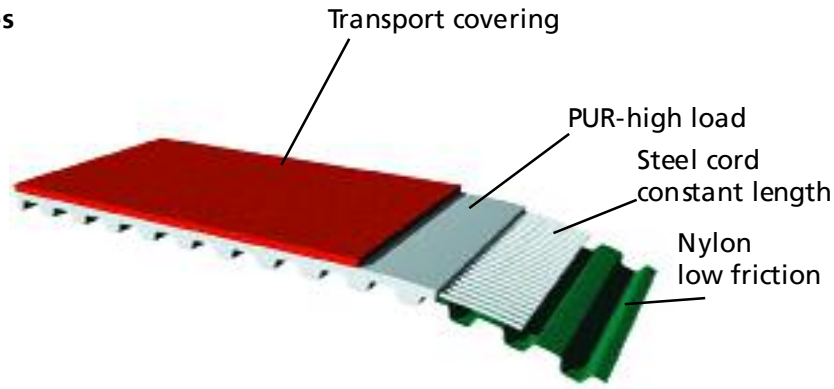
The idea behind modern conveying technology is based on the assumption that different properties and characteristics can be realised in one belt construction.

Every material used for the construction of BRECO® and BRECOFLEX® TIMING BELTS assumes its tasks in line with its specific properties, for which reason the belts are perfectly suited for transport and conveying applications.

Properties meeting every transport purpose required can be achieved by the application of different backings. A high coefficient of friction for good adhesion, low friction to reduce the drive power, soft for delicate and rigid for sharp edged products to be transported.

For special conveying requirements, the belts can be reworked either on the transport side and/or on the toothed side. For instance, thick backings can be provided with crosscuts to improve the flexibility of the entire belt.

Construction and properties



Flighted timing belts

Regardless of which transport purpose the flighted timing belt is used - its back can be profiled as desired with any number and sequence of welded-on flights.

Manufacture of timing belts and flights and the welding processes are carried out in our own facilities.

The flight

The flight is made of polyurethane, the same high-quality material as is used for the timing belt.

The designer is free in shaping the flight to meet transport tasks and purposes according to customer requirements within the framework of our production possibilities.

Mechanically reworked timing belts

BRECO and BRECOFLEX® TIMING BELTS can be mechanically reworked. Timing belts with a thicker back, the T versions, the DR range and coverings are especially suited for mechanical rework which allows the planner a wide range of design possibilities.
Typically, timing belts with a thicker back have reduced flexibility and require larger pulley diameter.
The flexibility can be improved by cross grooves or slits.

Possible rework

Back grinding

Edge grinding

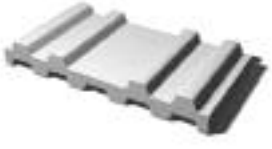
Back cross milling

Back longitudinal milling

Tooth longitudinal milling

Timing belt perforation

Removal of individual teeth



Ordering Information

Ordering a standard size by way of a code guarantees the delivery of a product meeting the ensured properties.

All information contained in our product range refers to the standard types.

Please contact your competent Mulco partner for further information regarding technical data, tolerances, calculations and special purpose belts.

Ordering examples

BRECOFLEX TIMING BELTS 50 BAT 10 / 2000

- Width in mm
- Type / Pitch
- Length in mm

BRECOFLEX TIMING BELTS 110 XL 037 PAZ

- Length code
- Type / Pitch
- Width code
- Nylon facing on the tooth side

BRECO TIMING BELTS 50 AT 10 / 8000 V - PAZ

- Width in mm
- Type / Pitch
- Length in mm
- endless joined (V),
- Nylon facing on the tooth side

BRECO TIMING BELTS 50 AT10 / 50000-M

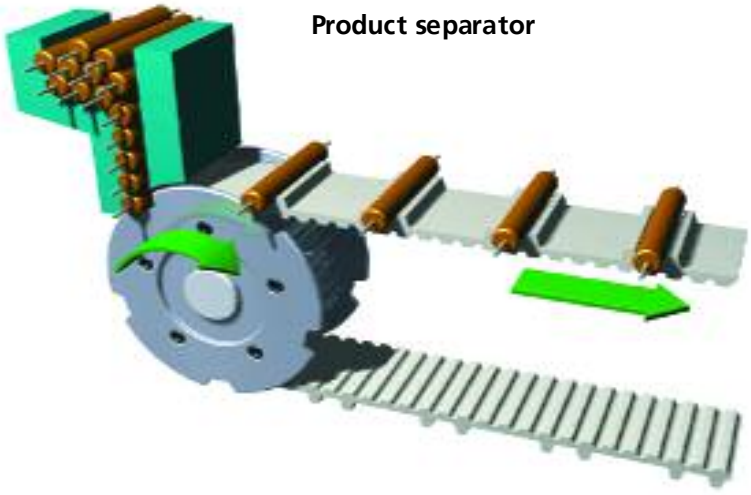
- Belt width in mm
- Type / Pitch
- Length in mm
- Open length

Different catalogues are available upon request. Please ask your Mulco partner for current versions. For the Internet addresses of our partners please see overleaf.

For complementary information to the product range please see also under:

www.breco.de

Product separator



Test tube conveyor

Supply belt for the beverage and cosmetics industry