

TIMING BELTS AND PULLEYS



MANUFACTURE AND MACHINING

Professional service from the standard product to the special design

Our drive specialists are happy to advise you comprehensively: from the technical advice about the use of the drive elements to the delivery.

DRIVE CONSULTING

Our drive specialists implement your individual tasks professionally. Tell us your requirements, give us drawings or data and we perform calculations using state of the art programs.

FURTHER PROCESSING

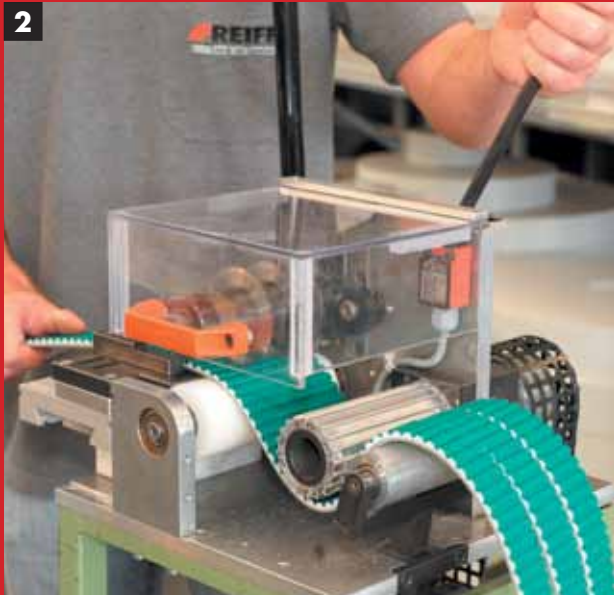
Our timing belt machining service includes cutting to size of standard dimensions in any width. We also take over the welding of continuous belts for you. In addition to cutting and welding work, we also supply belts with the correct coating for you.

DELIVERY

We keep 2,000 drive elements of many different types in stock for you in Reutlingen. In order to be able to supply quickly and reliably, we also carry, in addition to PU timing belts, common dimensions in Neoprene timing belts XL, L, H and HTD timing belts 3M, 5M and 8M.

In addition to a wide range in stock, we also manufacture special parts according to your drawings and specifications.





1 Grinding accurate in every detail in our own production – compliance with high dimensional accuracy is thus ensured.

2 The division of the belts in our own workshop ensures smallest tolerances and short delivery times.

3 Quality assurance using state of the art measuring equipment



PRODUCT RANGE ON THE NEXT PAGES

- Synchroflex® timing belts
- Brecoflex® timing belts
- Breco® timing belts M/V
- Coated timing belts
- Chains
- Clamp connectors
- Tension plates
- Synchronising pulleys
- Synchronising shafts
- Clamping sets
- Tensioning rollers
- Flat timing belts
- Inch timing belts
- HTD timing belts
- Inch pulleys
- HTD pulleys

MULCO-PARTNER IN EUROPE

Haberkorn Ulmer GmbH
Austria

Hilger u. Kern GmbH Antriebstechnik
Mannheim

**Anton Klocke
Antriebstechnik GmbH**
Bielefeld

**Wilhelm Herm. Müller
GmbH & Co. KG**
Garbsen

**REIFF
Technische Produkte GmbH**
Reutlingen

Roth GmbH & Co. KG
Nürnberg

**Walter Rothermundt
GmbH & Co. KG**
Mönchengladbach

Dinámica Distribuciones S.A.
Spain

Binder Magnetic
France

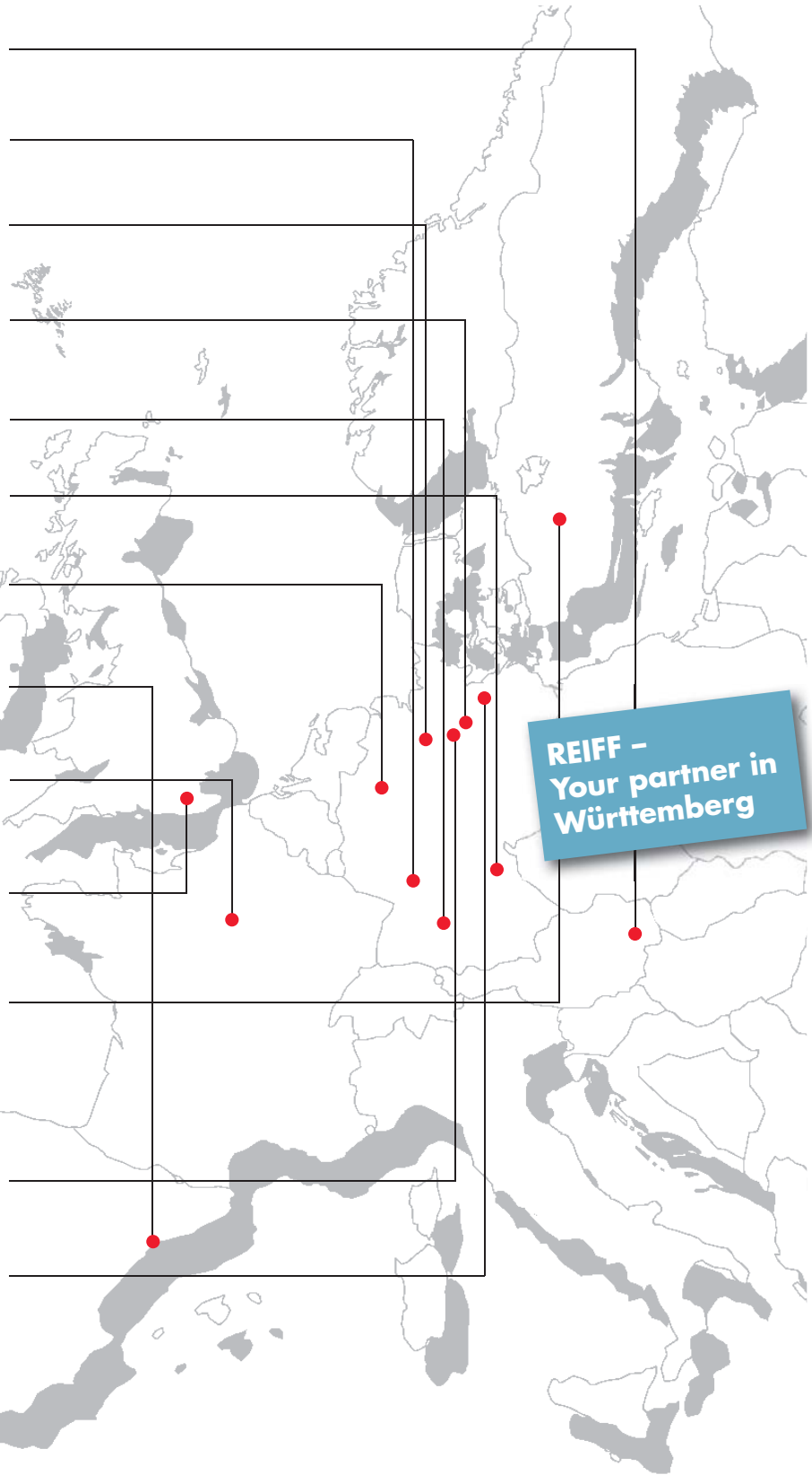
**Transmission Developments
Co. (G.B) LTD.**
Great Britain

Aratron AB
Sweden

THE MANUFACTURERS

**Breco Antriebstechnik
Breher GmbH + Co.**
Porta Westfalica

**ContiTech
Antriebssysteme GmbH**
Dannenberg



**REIFF –
Your partner in
Württemberg**

MULCO-PARTNER IN EUROPE



MULCO Innovations

- 2010: Introduction of the "blue" BRECO timing belt AT15 "protect" with tension members completely embedded in polyurethane for the current requirements in the food processing industry
- 2008: The MULCO timing belt manufacturers define ROHS-compliant aluminium alloy as the standard for MULCO and are the first manufacturers to use this in series production
- 2007: Introduction of the new timing belt type ATS15 for drive and linear technology. New BRECOFLEX TIMING BELT AT3 for smaller output drives is launched on the market
- 2005: BRECOFLEX TIMING BELT StandardPlus comes onto the market. The SYNCHROCHAIN as equivalent to the Polychain from Gates comes on to the market
- 2004: BRECOFLEX TIMING BELT obtains better running characteristics due to the introduction of the bifilar tension member coiling.
- 2003: Activation of the web-based product catalogue with calculation tool and option to download CAD drawings
- 2002: The new high performance timing belt GEN III from CONTI comes on to the market
- 2001: Further development of the ATN modular system market launch of the ATN timing belt lock and the ATN with V guide
- 2000: A patent application is made for the newly developed transport belt ATN
- 1997: Development and patenting of the curved timing belt BAT with significantly improved transmission and running characteristics
- 1992: CONTI launches patented ATP profile on the market.
- 1986: Development and patenting of the new timing belt type SFAT.
- 1975: Development of the BRECOFLEX manufacturing method (protected by patent)
- 1967: The first BRECO timing belts are manufactured.
- 1965: CONTI launches the T profile on the market.
- 1954: The first double-toothed PU timing belt
- 1951
(October 1): Founding of Mulco by:
- Wilhelm Herm. Müller, Hanover
 - Hilger u. Kern, Mannheim
 - REIFF, Reutlingen, Göppingen
 - Rothermundt, Mönchengladbach
- 1951: Manufacture of the first Synchroflex timing belt made of pourable polyurethane "Vulkollan"

POLYURETHANE TIMING BELTS



CONTITECH®
SYNCHROFLEX®

Polyurethane Timing Belts

The production processes used for manufacturing BRECO®, BRECOFLEX® and SYNCHROFLEX® TIMING BELTS enable tight tolerances which guarantee even distribution of the load for power transmission. These polyurethane timing belts are suitable for the transmission of high torques as well as for exact positioning and conveying of many different goods.

Properties

mechanical:

- interlocking, synchronously running
- constant length, no post-elongation
- low noise
- wear-resistant
- low maintenance
- highly flexible
- precise positioning, conformal
- can be used crosswise (see Chapter "Angle Drives")
- high bending fatigue strength, low elongation steel cord tension members
- belt speed up to max. 80 m/s
- small dimensions
- favourable power-to-weight ratio
- small preload
- low bearing stress
- large centre distances possible
- large transmission ratios feasible
- high efficiency up to 98%

chemical:

- hydrolysis-resistant
- resistant to ageing
- temperature-resistant from -30°C to $+80^{\circ}\text{C}$, design SYNCHROFLEX® TIMING BELT GEN III up to 100°C (see information in the "Design" text)
- unaffected by tropical climates
- resistant to simple oils, greases and petrol
- partially resistant to acids and alkalis

Ask your Mulco Partner for further information about the resistance of polyurethane timing belts.



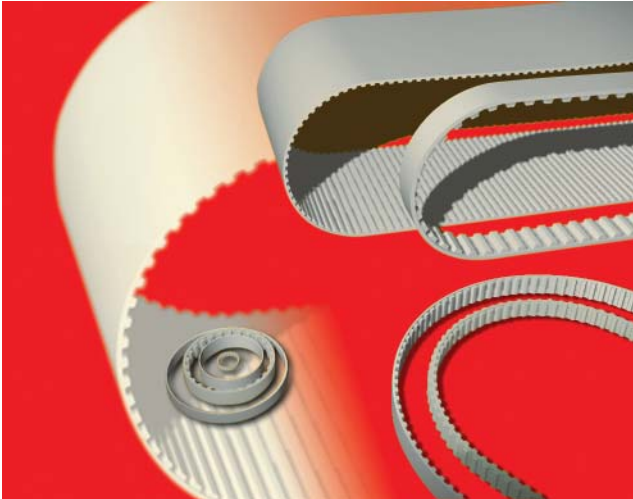
Design

BRECO®, BRECOFLEX® AND SYNCHROFLEX® TIMING BELTS are manufactured from wear-resistant polyurethane and high-strength steel cord tension members. The combination of these two high quality materials provides the basis for the dimensionally true and high load resistant polyurethane timing belts. Polyurethane timing belts have very high longitudinal stiffness. No post-elongation of the tension members occurs in continuous operation. The preload of the belt can only be marginally reduced in the case of very high loads by setting the preload which is why one-time retensioning of the timing belt can be required.

The timing belts are resistant to temperature at ambient temperatures of -30°C to $+80^{\circ}\text{C}$. Nevertheless, use at the limits of this temperature range ($<-10^{\circ}\text{C}$ and $>50^{\circ}\text{C}$) possibly requires adapted dimensioning. Various belt materials are available for specific temperature ranges. For example, the SYNCHROFLEX® TIMING BELT GEN III is resistant to temperatures up to 100°C . Ask your Mulco Partner in this case.

SYNCHROFLEX® PRODUCTION PROCESS

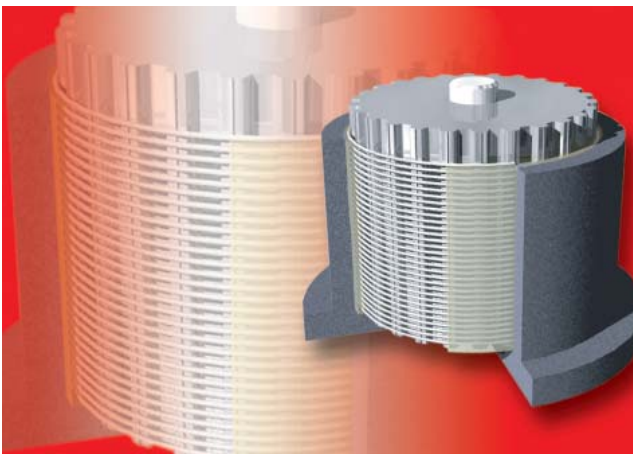
Synchroflex® timing belts



SYNCHROFLEX®TIMING BELTS consist of 2 components, the wear-resistant Contilan, a polyurethane and a high quality steel cord tension member. The high power transmission capability results from the good bonding of both materials.

The moulding production process – cast extrusion – combines the following advantages.

- The cast PU timing belt is an exact copy of its mould pattern. High pitch precision across the entire belt is achieved. As a result, particularly suitable for conformal, smooth running and for high speeds.
- Small length tolerance. Tolerance position can be influenced by changing the winding tension,
- Good bonding to the steel cord tension members due to the casting process and the capillary action.
- High reproduction quality of the cast polyurethane. Exact development of fine contours possible. Particularly suitable for small pitches. DL tooth meshing and carrier cam on the back of the belt can be formed.
- The timing belt coil removed from the mould has a total usable width depending on the mould of up to 300 mm.
- Belt lengths of 55 to 6000 mm continuous length



Casting mould shown with thread-type coiled tension member on the mould core

SYNCHROFLEX® POLYURETHANE TIMING BELTS are used in all areas of technology where synchronous transmission of a rotary movement is required. Thereby, it is independent of whether this is a power transmission, servo control functions or switching and conveying tasks.

They operate in a speed range up to 20.000 RPM.

Mostly used application areas:

- office machines
- IT systems
- textile machines
- wood processing machines
- machine tools
- printing machines
- pumps
- compressors
- construction machinery



Finished timing belt coil removed from the mould, partially separated into belts

CONTI SYNCHROFLEX® TIMING BELTS (SFX) AT GEN III / ATP GEN III

CONTITECH®
SYNCHROFLEX®

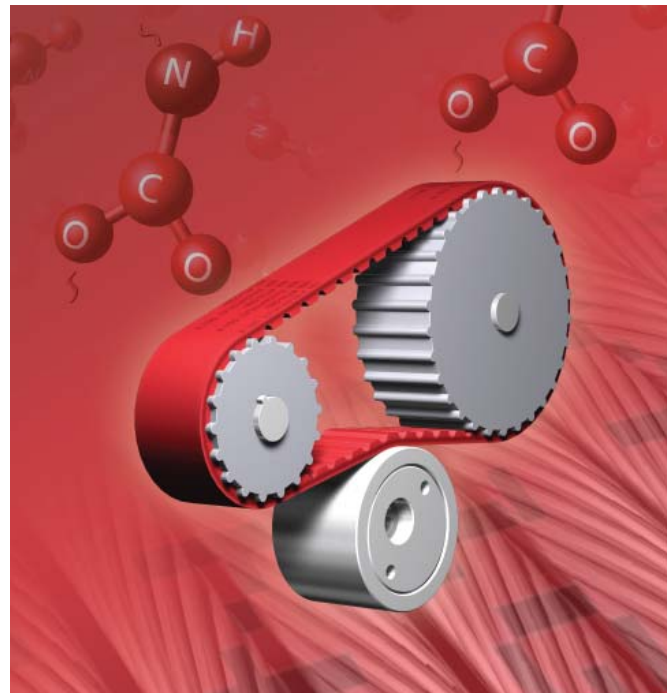
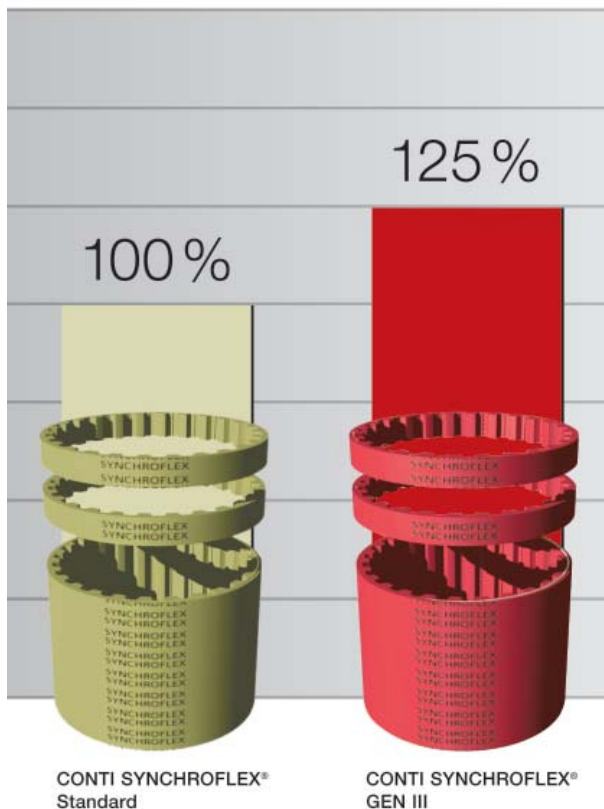
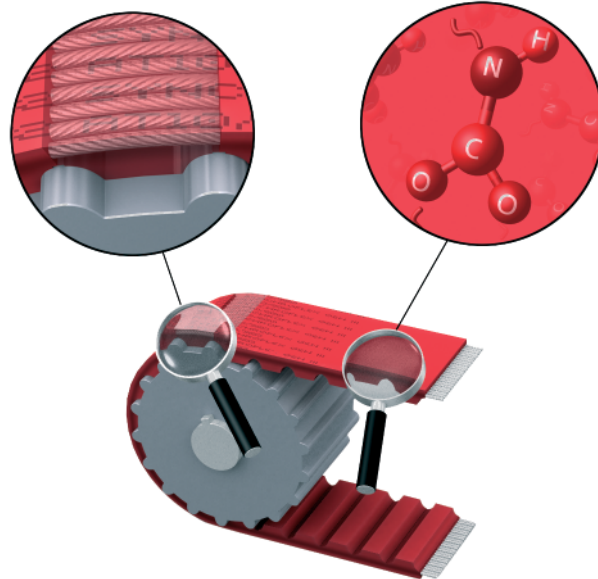
High-performance Version GEN III

CONTI SYNCHROFLEX® GEN III – up to 25% higher power transmission in comparison with AT/ATP-Standard:

- due to denser wire packing F_{zul} up to max. +45%
- strongly reduced tendency to drift/ optimised straight running due to bifilar tension members and balanced left and right twisted wires design
- reduced friction on the rim flange
- minimised running noise with reduced belt width and same performance
- F_{spez} +25%
- longer lifespan
- distribution of the circumferential force on up to 30% more supporting teeth
- use up to +100°C (request performance values in the limit area).

Bifilar tension member arrangement

Red High performance polyurethane



SYNCHROFLEX TIMING BELTS

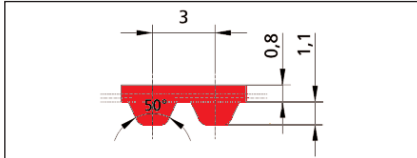
SYNCHROFLEX-timing belt GEN III AT3



High performance AT profile with metric division and trapezoidal teeth

Standard design:

- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction



Example of an order

SYNCHROFLEX®TIMING BELT

10 AT3 / 450 GEN III

Belt width in mm

Type/divisions

Continuous length in mm

Generation III design

Item No.	Width in mm	Length in mm	€/unit
60005241	6	150	
60005251	10	150	
60005252	12	150	
60005253	16	150	
60005254	20	150	
60005255	25	150	
60005256	32	150	
60005257	50	150	
60005258	6	201	
60005259	10	201	
60005260	12	201	
60005261	16	201	
60005262	20	201	
60005263	16	201	
60005264	32	201	
60005265	50	201	
60005266	6	252	
60005267	10	252	
60005268	12	252	
60005269	16	252	
60005270	20	252	
60005271	25	252	
60005272	32	252	
60005273	50	252	
60005274	6	267	
60005275	10	267	
60005276	12	267	
60005277	16	267	
60005278	20	267	
60005279	25	267	
60005280	32	267	
60005281	50	267	
60005283	6	270	
60005284	10	270	
60005285	12	270	
60005286	16	270	
60005287	20	270	
60005288	25	270	
60005289	32	270	
60005290	50	270	
60004984	6	300	
60004349	10	300	
60005291	12	300	
60005294	16	300	
60005295	20	300	
60005296	25	300	
60005297	32	300	
60005299	50	300	
4520510	6	351	

Item No.	Width in mm	Length in mm	€/unit
60005300	10	351	
60005301	12	351	
60005302	16	351	
60005303	20	351	
60005304	25	351	
60005305	32	351	
60005306	50	351	
60005307	6	399	
60005308	10	399	
60005309	12	399	
60005310	16	399	
60005311	20	399	
60005312	25	399	
60005313	32	399	
60005314	50	399	
60005316	6	417	
60005317	10	417	
60005318	12	417	
60005319	16	417	
60005320	20	417	
60005321	25	417	
60005322	32	417	
60005323	50	417	
60005324	6	450	
60005325	10	450	
60005326	12	450	
60005327	16	450	
60005328	20	450	
60005329	25	450	
60005330	32	450	
60005331	50	450	
60005332	6	501	
60005333	10	501	
60005334	12	501	
60005335	16	501	
60005336	20	501	
60005337	25	501	
60005338	32	501	
60005339	50	501	
60005340	6	549	
60005341	10	549	
60005342	12	549	
60005343	16	549	
60005344	20	549	
60005345	25	549	
60005346	32	549	
60005347	50	549	
60005348	6	600	
10023026	10	600	

SYNCHROFLEX TIMING BELTS

CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX-timing belt GEN III AT3

Item No.	Width in mm	Length in mm	€/unit	Item No.	Width in mm	Length in mm	€/unit
60005349	12	600		60005369	25	816	
60005350	16	600		60005370	32	816	
60005351	20	600		60005371	50	816	
60005352	25	600		60005372	6	900	
60005353	32	600		60005374	10	900	
60005354	50	600		60005375	12	900	
60005355	6	639		60005376	16	900	
60005357	10	639		60005377	20	900	
60005358	12	639		60005378	25	900	
60005359	16	639		60005379	32	900	
60005360	20	639		60005380	50	900	
60005361	25	639		60005381	6	1011	
10022403	32	639		60005382	10	1011	
60005362	50	639		60005383	12	1011	
60005363	6	816		60005384	16	1011	
60005365	10	816		60005385	20	1011	
60005366	12	816		60005386	25	1011	
60005367	16	816		60005387	32	1011	
60005368	20	816		60005388	50	1011	

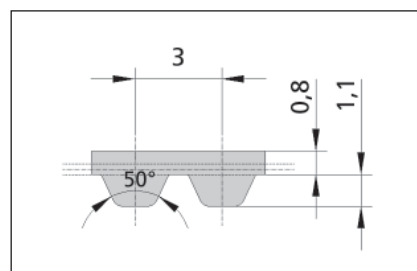
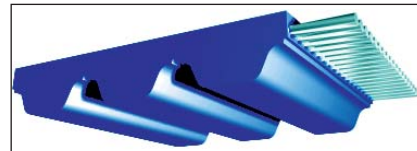
SYNCHROFLEX timing belt AT3

High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	€/unit	Item No.	Width in mm	Length in mm	€/unit
4030950	6	150		4031190	50	252	
4030960	10	150		4031200	6	267	
4030970	12	150		4031210	10	267	
4030980	16	150		4031220	12	267	
4030990	20	150		4031230	16	267	
4031000	25	150		4031240	20	267	
4031010	32	150		4031250	25	267	
4031020	50	150		4031260	32	267	
4031030	6	201		4031270	50	267	
4031040	10	201		4031280	6	270	
4031050	12	201		1103250	10	270	
4031070	16	201		4031300	12	270	
4031080	20	201		4378220	16	270	
4031090	25	201		4378180	25	270	
4031100	32	201		4031310	6	300	
4031110	50	201		4031320	10	300	
4031120	6	252		4031330	12	300	
4031130	10	252		4031340	16	300	
4031140	12	252		4031350	20	300	
4031150	16	252		4031360	25	300	
4031160	20	252		4031370	32	300	
4031170	25	252		4031380	50	300	
4031180	32	252		4031390	6	351	



Example of an order

SYNCHROFLEX[®] TIMING BELT

10 AT3 / 450
 Belt width in mm
 Type/divisions
 Continuous length in mm

SYNCHROFLEX TIMING BELTS

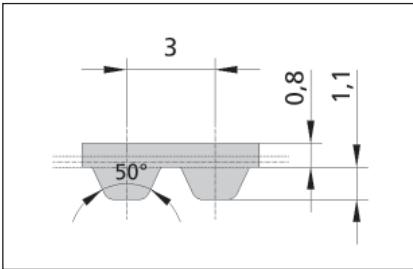
Continued: SYNCHROFLEX timing belt AT3



High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated



Example of an order

SYNCHROFLEX®TIMING BELT

10 AT3 / 450

Belt width in mm ————|
 Type/divisions ————|
 Continuous length in mm ————|

Item No.	Width in mm	Length in mm	€/unit
4031400	10	351	
4031420	12	351	
4031430	16	351	
4031440	20	351	
4031450	25	351	
4031460	32	351	
4031470	50	351	
4031480	6	399	
4031490	10	399	
4031500	12	399	
4031510	16	399	
4031520	20	399	
4031530	25	399	
4031540	32	399	
4031550	50	399	
4031560	6	417	
4031570	10	417	
4031290	12	417	
4031580	16	417	
4031590	20	417	
4031600	25	417	
4031610	32	417	
4031620	50	417	
4031630	6	450	
4031640	10	450	
4031650	12	450	
4031660	16	450	
4031670	20	450	
4031680	25	450	
4031690	32	450	
4031700	50	450	
4031710	6	501	
4031720	10	501	
4031730	12	501	
4031740	16	501	
4031750	20	501	
4031760	25	501	
4031770	32	501	

Item No.	Width in mm	Length in mm	€/unit
4031780	50	501	
4031790	6	549	
4031800	10	549	
4031810	12	549	
4031820	16	549	
4031830	20	549	
4031840	25	549	
4031850	32	549	
4031870	50	549	
4031880	6	600	
4031890	10	600	
4031910	12	600	
4031920	16	600	
4031930	20	600	
4031940	25	600	
4031950	32	600	
4031960	50	600	
4162990	6	639	
4163000	10	639	
4163010	12	639	
4163020	16	639	
4163030	20	639	
4163040	25	639	
4163050	32	639	
4163060	50	639	
4031970	6	816	
4031980	10	816	
4031990	12	816	
4032000	16	816	
4032010	20	816	
4032020	25	816	
4032030	32	816	
4032040	50	816	
4378230	6	900	
4378250	10	900	
4378270	16	900	
4378290	25	900	

SYNCHROFLEX TIMING BELTS

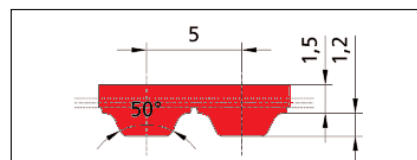
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX-timing belt GEN III

High performance AT profile with metric division and trapezoidal teeth

Standard design:

- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction



Item No.	Width in mm	Length in mm	€/unit
60005391	10	225	
60005392	16	225	
60005393	25	225	
60005394	32	225	
60005395	50	225	
60005396	60	225	
60005397	75	225	
60005398	100	225	
60005399	10	255	
60005400	16	255	
60005401	25	255	
60005402	25	255	
60005403	50	255	
60005404	60	255	
60005405	75	255	
60005406	100	255	
60006803	6	260	
60005407	10	260	
60005408	16	260	
60005409	25	260	
60005410	32	260	
60005411	50	260	
60005412	60	260	
60005413	75	260	
60005414	100	260	
60005415	10	280	
60017280	12	280	
60005416	16	280	
60005417	25	280	
60005418	32	280	
60010586	40	280	
60005419	50	280	
60005420	60	280	
60005421	75	280	
60005422	100	280	
60005423	10	300	
60005432	16	300	
60005433	25	300	
60005436	32	300	
60005437	50	300	
60005438	60	300	
60005439	75	300	
60005425	100	300	
60005424	10	330	
60005434	16	330	
60005435	25	330	
60005440	32	330	
60005441	50	330	
60005443	60	330	
60005444	75	330	
60005426	100	330	

Item No.	Width in mm	Length in mm	€/unit
60005427	10	340	
60005445	16	340	
60005446	25	340	
60005442	32	340	
60005447	50	340	
60005448	60	340	
60005449	75	340	
60005450	100	340	
60008046	6	375	
60005428	10	375	
60005431	16	375	
60005458	25	375	
60005459	32	375	
60005460	50	375	
60005470	60	375	
60005471	75	375	
60005472	100	375	
60017967	6	390	
60005429	10	390	
60005430	16	390	
60004396	25	390	
60005473	32	390	
60005474	50	390	
60005475	60	390	
60005476	75	390	
60005477	100	390	
60005478	10	420	
60005479	16	420	
60019291	20	420	
60004518	25	420	
60004272	32	420	
60005480	50	420	
60005481	60	420	
60005482	75	420	
60005483	100	420	
60005451	10	450	
60004333	16	450	
60004423	25	450	
4660950	32	450	
60005453	50	450	
60005454	60	450	
60005455	75	450	
60005452	100	450	
60005484	10	455	
60025325	12	455	
60005485	10	455	
60005486	25	455	
60005487	32	455	
60005489	50	455	
60005490	60	455	
60005491	75	455	

Example of an order

SYNCHROFLEX[®] TIMING BELT

10 AT5 / 450 GEN III

Belt width in mm — 10
Type/divisions — AT5
Continuous length in mm — 450
Generation III design — GEN III

SYNCHROFLEX TIMING BELTS

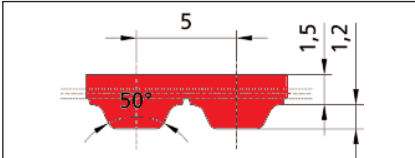
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High performance AT profile with metric division and trapezoidal teeth

Standard design:

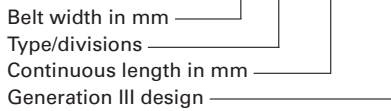
- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction



Example of an order

SYNCHROFLEX®TIMING BELT

10 AT5 / 450 GEN III



Item No.	Width in mm	Length in mm	€/unit
60005492	100	455	
60005493	10	480	
60005494	16	480	
60005495	25	480	
60005496	32	480	
60005497	50	480	
60005498	60	480	
60005499	75	480	
60005500	100	480	
60005511	10	490	
60005512	16	490	
60005513	25	490	
60005514	32	490	
60005515	50	490	
60005516	60	490	
60005517	75	490	
60005518	100	490	
60005519	10	500	
60004282	16	500	
60017968	20	500	
60004211	25	500	
60005520	32	500	
60005521	50	500	
60005522	60	500	
60005523	75	500	
60005524	100	500	
60005525	10	525	
60005526	16	525	
60005527	25	525	
60005528	32	525	
60005529	50	525	
60005531	60	525	
60005532	75	525	
60005533	100	525	
60005356	10	545	
60004473	16	545	
4660930	25	545	
60005534	32	545	
60005535	50	545	
60005536	60	545	
60005537	75	545	
60005538	100	545	
60009400	6	600	
60005541	10	600	
60005542	16	600	
60017547	20	600	
60005543	25	600	
60005544	32	600	
60005545	50	600	
60005546	60	600	
60005547	75	600	

Item No.	Width in mm	Length in mm	€/unit
60005549	100	600	
4710690	6	610	
60005551	10	610	
60005130	16	610	
60017916	20	610	
60005552	25	610	
60005553	32	610	
60005554	50	610	
60005555	60	610	
60005556	75	610	
60005557	100	610	
60005558	10	620	
10023134	16	620	
60005390	25	620	
60005559	32	620	
60005560	50	620	
60005561	60	620	
60005562	75	620	
60005563	100	620	
60005564	10	630	
60004562	16	630	
60017914	20	630	
60005565	25	630	
60017913	30	630	
60005566	32	630	
60005567	50	630	
60005568	60	630	
60005569	75	630	
60005570	100	630	
60005571	10	660	
4317660	16	660	
60005572	25	660	
60005573	32	660	
60005574	50	660	
60005575	60	660	
60005576	75	660	
60005577	100	660	
60005578	10	670	
60005579	16	670	
60005580	25	670	
60005581	32	670	
60005582	50	670	
60005583	60	670	
60005584	75	670	
60005585	100	670	
60005592	10	690	
60005593	16	690	
60005594	25	690	
60005595	32	690	
60005596	50	690	
60005597	60	690	

SYNCHROFLEX TIMING BELTS

CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX-timing belt GEN III

Item No.	Width in mm	Length in mm	€/unit	Item No.	Width in mm	Length in mm	€/unit
60005598	75	690	68.00	60005649	100	875	96.89
60005599	100	690	81.10	60005650	10	900	12.05
60005600	10	710	10.44	60005651	16	900	18.65
60005601	16	710	15.82	60016495	20	900	22.25
60005602	25	710	22.13	60005652	25	900	26.04
60005603	32	710	29.60	60005653	32	900	35.10
60005604	50	710	42.58	60005654	50	900	50.71
60005605	60	710	53.61	60005655	60	900	64.26
60005606	75	710	68.78	60005656	75	900	82.73
60005607	100	710	82.06	60005657	100	900	98.81
60005608	10	720	10.59	60005658	10	920	12.28
60005609	16	720	15.88	60004388	16	920	19.08
60004334	25	720	22.22	60005659	25	920	26.78
60005610	32	720	29.82	60005660	32	920	36.20
60005611	50	720	43.10	60005661	50	920	52.40
60005612	60	720	54.20	60005662	60	920	66.34
60005613	75	720	69.42	60005663	75	920	85.48
60005614	100	720	82.78	60005664	100	920	102.08
60004863	10	750	10.67	60005665	10	975	12.51
60004162	16	750	16.25	60004996	16	975	19.59
60001250	25	750	22.64	60005666	25	975	27.50
60005616	32	750	30.33	60005667	32	975	37.22
60005617	50	750	43.97	60005669	50	975	54.04
60005618	60	750	55.50	60005670	60	975	68.41
60005619	75	750	71.37	60005671	75	975	88.15
60005620	100	750	85.18	60005672	100	975	105.27
60005621	10	780	10.96	60005673	10	1050	13.49
60023279	12	780	13.15	60005675	16	1050	20.89
60005622	16	780	16.77	60004375	25	1050	29.32
60005623	25	780	23.44	60005676	32	1050	39.54
10023260	32	780	31.38	60005678	60	1050	72.99
60005624	50	780	45.35	60005679	75	1050	94.02
60005625	60	780	57.24	60005677	50	1050	57.68
60005626	75	780	73.56	60005680	100	1050	112.24
60005627	100	780	87.86	60005456	10	1125	14.01
60005628	10	825	11.31	60009311	12	1125	16.80
60005629	16	825	17.42	60005690	16	1125	21.97
60005630	25	825	24.32	60005691	25	1125	31.04
60005631	32	825	32.72	60005692	32	1125	41.86
60005632	50	825	47.30	60005693	50	1125	61.09
60005633	60	825	59.78	60005694	60	1125	77.34
60005634	75	825	76.91	60005695	75	1125	99.68
60005635	100	825	91.86	60005696	100	1125	119.06
60005636	10	860	11.62	60004281	10	1230	14.44
60005637	16	860	17.92	60025246	12	1230	17.14
60005638	25	860	25.05	60004802	16	1230	22.86
4660960	32	860	33.74	60005697	25	1230	32.60
60005639	50	860	48.90	60005698	32	1230	44.10
60005640	60	860	61.74	60005699	50	1230	64.51
60005641	75	860	79.50	60005700	60	1230	81.83
60005642	100	860	94.97	60005701	75	1230	105.64
60005643	10	875	11.80	60005702	100	1230	126.30
60005644	16	875	18.27	60005703	10	1500	16.77
10023293	25	875	25.54	60005704	16	1500	26.78
60005645	32	875	34.45	60005705	25	1500	38.46
60005646	50	875	49.79	60005706	32	1500	51.94
60005647	60	875	63.04	60019727	40	1500	64.96
60005648	75	875	81.14	60005707	50	1500	76.19

SYNCHROFLEX TIMING BELTS

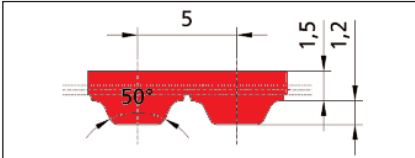
Continued: SYNCHROFLEX-timing belt GEN III AT5



High performance AT profile with metric division and trapezoidal teeth

Standard design:

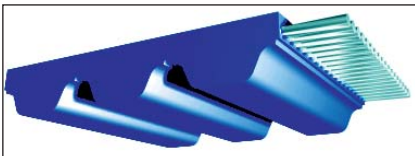
- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction



Item No.	Width in mm	Length in mm	€/unit
60005708	60	1500	
60005709	75	1500	
60005710	100	1500	
60005711	10	1750	
60005713	16	1750	
60005714	25	1750	
60005715	32	1750	
60005716	50	1750	
60005717	60	1750	
60005718	75	1750	
60005719	100	1750	
60005720	10	2000	
60005721	16	2000	
60005722	25	2000	
60005723	32	2000	
60005724	50	2000	
60005725	60	2000	
60005726	75	2000	

Item No.	Width in mm	Length in mm	€/unit
60005727	100	2000	
60005736	10	3350	
60005737	16	3350	
60005738	25	3350	
60005739	32	3350	
60005740	50	3350	
60005741	60	3350	
60005742	75	3350	
60005743	100	3350	
60005728	10	3800	
60005729	16	3800	
60005730	25	3800	
60005731	32	3800	
60005732	50	3800	
60005733	60	3800	
60005734	75	3800	
60005735	100	3800	

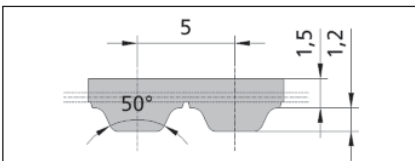
SYNCHROFLEX timing belt AT5



High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- with E reinforcement fibres (tension support) for better bendability
- with strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated



Example of an order

SYNCHROFLEX®TIMING BELT

10 AT5 / 450

Belt width in mm ————|

Type/divisions ————|

Continuous length in mm ————|

Item No.	Width in mm	Length in mm	€/unit
439030	10	225	
439040	16	225	
439050	25	225	
4140130	32	225	
439060	50	225	
340580	10	255	
340600	16	255	
340620	25	255	
340630	32	255	
340640	50	255	
635570	10	260	
635580	16	260	
635590	25	260	
635600	32	260	
635610	50	260	
340450	10	280	
340470	16	280	

Item No.	Width in mm	Length in mm	€/unit
340490	25	280	
340500	32	280	
340510	50	280	
439140	10	300	
439150	16	300	
439160	25	300	
4140140	32	300	
439170	50	300	
636260	10	330	
636280	16	330	
636300	25	330	
636310	32	330	
636320	50	330	
439240	10	340	
439250	16	340	
439260	25	340	
4140150	32	340	

SYNCHROFLEX TIMING BELTS

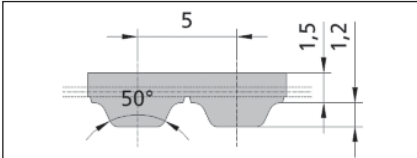
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt AT5

Item No.	Width in mm	Length in mm	€/unit	Item No.	Width in mm	Length in mm	€/unit
439270	50	340		636720	16	620	
439320	10	375		636730	25	620	
439330	16	375		636740	32	620	
439340	25	375		636750	50	620	
4061790	32	375		771540	10	630	
439350	50	375		771550	16	630	
340060	10	390		771560	25	630	
340080	16	390		4236230	32	630	
340100	25	390		771570	50	630	
340110	32	390		439890	10	660	
340120	50	390		439900	16	660	
439400	10	420		439910	25	660	
439410	16	420		4045390	32	660	
439420	25	420		439920	50	660	
4140160	32	420		4378330	10	670	
439430	50	420		4378350	16	670	
439490	10	450		4378370	25	670	
439500	16	450		4378390	32	670	
439510	25	450		4378410	50	670	
4140200	32	450		439970	10	710	
439520	50	450		439980	16	710	
216530	10	455		439990	25	710	
220120	16	455		4349170	32	710	
437740	25	455		440000	50	710	
4140210	32	455		339150	10	720	
217760	50	455		339170	16	720	
636440	10	480		339190	25	720	
636460	16	480		339200	32	720	
636480	25	480		339210	50	720	
636490	32	480		440080	10	750	
636500	50	480		440090	16	750	
60021194	10	490		440100	25	750	
439570	10	500		4140230	32	750	
439580	16	500		440110	50	750	
439590	25	500		440160	10	780	
4140220	32	500		440170	16	780	
439600	50	500		440180	25	780	
636580	10	525		4140240	32	780	
636600	16	525		440190	50	780	
636620	25	525		4378430	10	825	
636630	32	525		440260	16	825	
636640	50	525		440270	25	825	
439650	10	545		4140250	32	825	
439660	16	545		440280	50	825	
439670	25	545		634420	10	860	
4029720	32	545		634430	16	860	
439680	50	545		634440	25	860	
439730	10	600		4065370	32	860	
439740	16	600		634450	50	860	
439750	25	600		4378450	10	900	
4029740	32	600		4378460	16	900	
439760	50	600		4378470	25	900	
439810	10	610		4378480	32	900	
439820	16	610		4378490	50	900	
439830	25	610		4378500	10	920	
4029730	32	610		4378510	16	920	
439840	50	610		4378520	25	920	
636710	10	620		4378530	32	920	

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt AT5



High performance AT profile with metric divisions and trapezoidal teeth.

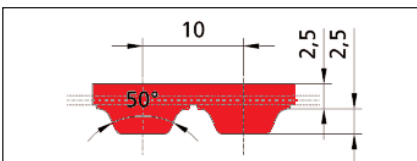
Designs available for delivery:

- toothed on one side
- with E reinforcement fibres (tension support) for better bendability
- with strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	€/unit
4378540	50	920	
440330	10	975	
440340	16	975	
440350	25	975	
4140260	32	975	
440360	50	975	
214030	10	1050	
214150	16	1050	
214490	25	1050	
4140270	32	1050	
214600	50	1050	
440410	10	1125	
440420	16	1125	
440430	25	1125	
4140280	32	1125	
440440	50	1125	
4378550	10	1230	
4378560	16	1230	

Item No.	Width in mm	Length in mm	€/unit
4378600	32	1230	
4378640	50	1230	
435920	10	1500	
435930	16	1500	
337330	25	1500	
4140290	32	1500	
337340	50	1500	
636810	10	1750	
636820	16	1750	
636830	25	1750	
636840	32	1750	
636850	50	1750	
771630	10	2000	
771640	16	2000	
771650	25	2000	
771660	32	2000	
771670	50	2000	

SYNCHROFLEX timing belt GEN III



High performance AT profile with metric division and trapezoidal teeth

Standard design:

- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction

Item No.	Width in mm	Length in mm	€/unit
60005745	16	500	
4440740	25	500	
60004591	32	500	
60005746	50	500	
60005747	75	500	
60005748	100	500	
60005749	16	560	
60005750	25	560	
60005751	32	560	
60005752	50	560	
60005753	75	560	
60005754	100	560	
60005755	16	580	
60005756	25	580	
60000722	32	580	
60005757	50	580	
60005758	75	580	

Item No.	Width in mm	Length in mm	€/unit
60005759	100	580	
60005760	16	600	
4440730	25	600	
60005761	32	600	
60004220	50	600	
60005762	75	600	
60005763	100	600	
60005764	16	610	
4460830	25	610	
60005765	32	610	
60005766	50	610	
60005767	75	610	
60005768	100	610	
60005769	16	660	
60000355	25	660	
60005770	32	660	
60005771	50	660	

Example of an order

SYNCHROFLEX®TIMING BELT

16 AT10 / 500 GEN III

- Belt width in mm — 16
- Type/divisions — AT10
- Continuous length in mm — 500
- Generation III design — GEN III

SYNCHROFLEX TIMING BELTS

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SYNCHROFLEX[®]

SYNCHROFLEX timing belt GEN III

Item No.	Width in mm	Length in mm	€/unit	Item No.	Width in mm	Length in mm	€/unit
60005772	75	660		60005849	16	980	
60005773	100	660		60005850	25	980	
60005774	16	700		60005851	32	980	
60005775	25	700		60005852	50	980	
4460840	32	700		60005853	75	980	
60005776	50	700		60005854	100	980	
60005777	75	700		60005855	16	1000	
60005778	100	700		60005856	25	1000	
60005779	16	730		60005857	32	1000	
60005780	25	730		60005858	50	1000	
60005781	32	730		60005859	75	1000	
4701390	50	730		60005860	100	1000	
10025007	60	730		60005861	16	1010	
60005782	75	730		60004374	25	1010	
60005783	100	730		60004335	32	1010	
60005785	16	780		60004482	50	1010	
60005786	25	780		60005862	75	1010	
60001170	32	780		60005863	100	1010	
60005787	50	780		60005864	16	1050	
60005788	75	780		4708140	25	1050	
60005789	100	780		60004250	32	1050	
60005790	16	800		60005865	50	1050	
60005792	25	800		60005867	75	1050	
60005794	32	800		60005868	100	1050	
60005795	50	800		60020992	150	1050	
60005796	75	800		60005869	16	1080	
60005797	100	800		60005870	25	1080	
60005810	16	840		60004916	32	1080	
4566630	25	840		60005871	50	1080	
60005811	32	840		60002793	75	1080	
60005812	50	840		60005872	100	1080	
60005813	75	840		60005873	16	1100	
60005814	100	840		60021510	18	1100	
60005815	16	880		60005874	25	1100	
60005816	25	880		60005875	32	1100	
60005819	32	880		60005876	50	1100	
60005820	50	880		60005877	75	1100	
60005821	75	880		60005878	100	1100	
60005822	100	880		60005879	16	1150	
60005818	16	890		60021296	20	1150	
60004700	25	890		60005880	25	1150	
4469340	32	890		60005881	32	1150	
60005824	50	890		60005882	50	1150	
60005825	75	890		60005883	75	1150	
60005826	100	890		60005884	100	1150	
60005827	16	920		60005885	16	1200	
60000356	25	920		60005897	25	1200	
60024804	27	920		60005898	32	1200	
60005840	32	920		60005899	50	1200	
60005841	50	920		60011537	60	1200	
60005842	75	920		60005900	75	1200	
60005843	100	920		60005901	100	1200	
60005844	16	960		10025262	16	1210	
60005845	25	960		60005902	25	1210	
60005846	32	960		60005903	32	1210	
4177370	50	960		60005904	50	1210	
60005847	75	960		60005905	75	1210	
60005848	100	960		60005906	100	1210	

SYNCHROFLEX TIMING BELTS

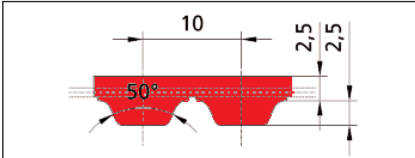
Continued: SYNCHROFLEX timing belt GEN III AT10



High performance AT profile with metric division and trapezoidal teeth

Standard design:

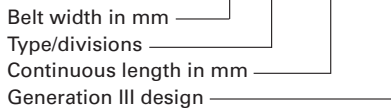
- toothed on one side
- high-performance polyurethane in the colour red
- steel cord tension support bifilar construction
- steel cord tension support highly flexible construction



Example of an order

SYNCHROFLEX®TIMING BELT

16 AT10 / 500 GEN III



Item No.	Width in mm	Length in mm	€/unit
60005907	16	1250	
60005908	25	1250	
60005909	32	1250	
60023994	40	1250	
60005910	50	1250	
60005911	75	1250	
60005912	100	1250	
60005913	16	1280	
60005931	25	1280	
60005932	32	1280	
60005933	50	1280	
60005934	75	1280	
60005935	100	1280	
10026713	16	1300	
60005937	25	1300	
60005936	32	1300	
60005938	50	1300	
60005939	75	1300	
60005941	100	1300	
60005942	16	1320	
60005943	25	1320	
60005944	32	1320	
60005945	50	1320	
60005946	75	1320	
60005947	100	1320	
60005948	16	1350	
60005228	25	1350	
60005949	32	1350	
60005950	50	1350	
60005951	75	1350	
60005952	100	1350	
60005953	16	1360	
60005954	25	1360	
60005955	32	1360	
60005956	50	1360	
60005957	75	1360	
60005958	100	1360	
60005959	16	1400	
60000357	25	1400	
60005960	32	1400	
60005961	50	1400	
60005962	75	1400	
60005963	100	1400	
60005964	16	1480	
60005965	25	1480	
60005966	32	1480	

Item No.	Width in mm	Length in mm	€/unit
60005967	50	1480	
60005968	75	1480	
60005969	100	1480	
60005970	16	1500	
60005971	25	1500	
60005972	32	1500	
60005973	50	1500	
60005974	75	1500	
60005975	100	1500	
60005976	16	1600	
60005977	25	1600	
60005978	32	1600	
60005979	50	1600	
60005980	75	1600	
60005981	100	1600	
60005988	16	1700	
60005989	25	1700	
60005990	32	1700	
60005991	50	1700	
60005992	75	1700	
60005993	100	1700	
60005982	16	1720	
60005983	25	1720	
60005984	32	1720	
60005985	50	1720	
60005986	75	1720	
60005987	100	1720	
60005994	16	1800	
60005995	25	1800	
60004266	32	1800	
60005996	50	1800	
60005997	75	1800	
60005998	100	1800	
60005999	16	1860	
60006000	25	1860	
60006001	32	1860	
60006002	50	1860	
60006003	75	1860	
60006004	100	1860	
60006005	16	1940	
60006006	25	1940	
60006007	32	1940	
60019907	40	1940	
60005917	50	1940	
60004561	75	1940	
60006008	100	1940	

SYNCHROFLEX TIMING BELTS

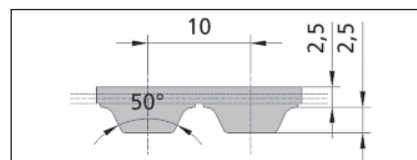
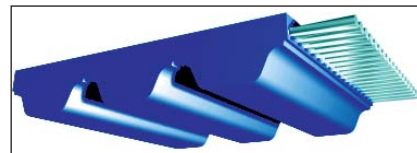
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt AT10

High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- with E reinforcement fibres (tension support) for better bendability
- with strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated



Item No.	Width in mm	Length in mm	€/unit
230650	16	500	
230660	25	500	
230670	32	500	
230680	50	500	
230720	16	560	
230730	25	560	
230740	32	560	
230750	50	560	
923790	16	580	
923880	25	580	
923930	32	580	
923940	50	580	
440690	16	600	
440700	25	600	
440710	32	600	
440720	50	600	
440760	16	610	
440770	25	610	
440780	32	610	
440790	50	610	
440830	16	660	
440840	25	660	
440850	32	660	
440860	50	660	
358410	16	700	
358430	25	700	
358440	32	700	
358450	50	700	
440900	16	730	
440910	25	730	
440920	32	730	
440930	50	730	
440970	16	780	
440980	25	780	
440990	32	780	
441070	50	780	
358320	16	800	
358340	25	800	
358350	32	800	
358360	50	800	
441110	16	840	
441120	25	840	
441130	32	840	
441140	50	840	
441180	16	890	
441190	25	890	
441200	32	890	
441210	50	890	
358230	16	920	

Item No.	Width in mm	Length in mm	€/unit
358250	25	920	
358260	32	920	
358270	50	920	
441520	16	960	
441530	25	960	
441540	32	960	
441550	50	960	
358140	16	980	
358160	25	980	
358170	32	980	
358180	50	980	
441590	16	1000	
441600	25	1000	
441610	32	1000	
441620	50	1000	
358050	16	1010	
358070	25	1010	
358080	32	1010	
358090	50	1010	
441660	16	1050	
441670	25	1050	
441680	32	1050	
441690	50	1050	
357960	16	1080	
357980	25	1080	
357990	32	1080	
358000	50	1080	
441730	16	1100	
441740	25	1100	
441750	32	1100	
441760	50	1100	
441880	16	1150	
441890	25	1150	
441900	32	1150	
441910	50	1150	
441950	16	1200	
441960	25	1200	
441970	32	1200	
441980	50	1200	
442020	16	1210	
442030	25	1210	
442040	32	1210	
442050	50	1210	
442090	16	1250	
442100	25	1250	
442110	32	1250	
442120	50	1250	
442160	16	1280	
442170	25	1280	

Example of an order

SYNCHROFLEX[®]TIMING BELT

16 AT10 / 500

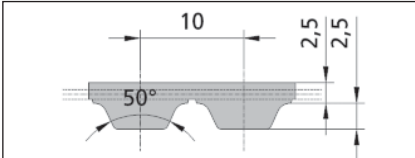
Belt width in mm _____

Type/divisions _____

Continuous length in mm _____

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt AT10



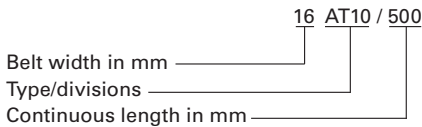
High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- with E reinforcement fibres (tension support) for better bendability
- with strengthened design
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated

Example of an order

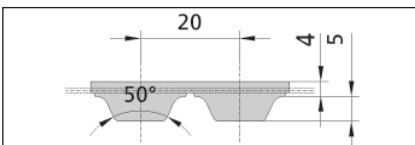
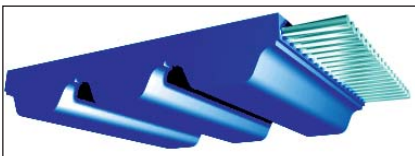
SYNCHROFLEX®TIMING BELT



Item No.	Width in mm	Length in mm	€/unit
442180	32	1280	
442190	50	1280	
338130	16	1300	
338150	25	1300	
338160	32	1300	
338170	50	1300	
442230	16	1320	
442240	25	1320	
442250	32	1320	
442260	50	1320	
338260	16	1350	
338280	25	1350	
338290	32	1350	
338300	50	1350	
357870	16	1360	
357890	25	1360	
357900	32	1360	
357910	50	1360	
442300	16	1400	
442310	25	1400	
442320	32	1400	
442330	50	1400	
357780	16	1480	
357800	25	1480	
357810	32	1480	
357820	50	1480	
442370	16	1500	

Item No.	Width in mm	Length in mm	€/unit
442380	25	1500	
442390	32	1500	
442400	50	1500	
442440	16	1600	
442450	25	1600	
442460	32	1600	
442470	50	1600	
243680	16	1700	
243700	25	1700	
243710	32	1700	
243720	50	1700	
357690	16	1720	
357710	25	1720	
357720	32	1720	
357730	50	1720	
243810	16	1800	
243830	25	1800	
243840	32	1800	
243850	50	1800	
357600	16	1860	
357620	25	1860	
357630	32	1860	
357640	50	1860	
442510	16	1940	
442520	25	1940	
442530	32	1940	
442540	50	1940	

SYNCHROFLEX timing belt AT20



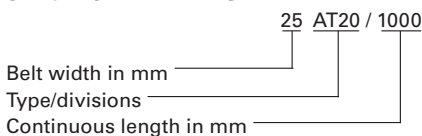
High performance AT profile with metric divisions and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- special polyurethane material on request, antistatic, coloured, mechanically treated

Example of an order

SYNCHROFLEX®TIMING BELT



Item No.	Width in mm	Length in mm	€/unit
442590	25	1000	
442600	32	1000	
442610	50	1000	
442630	75	1000	
442640	100	1000	
634820	25	1100	
634830	32	1100	
634840	50	1100	
634860	75	1100	

Item No.	Width in mm	Length in mm	€/unit
634870	100	1100	
442660	25	1200	
442670	32	1200	
442680	50	1200	
442700	75	1200	
442710	100	1200	
637180	25	1260	
637190	32	1260	
637200	50	1260	

SYNCHROFLEX TIMING BELTS



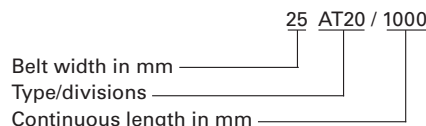
SYNCHROFLEX timing belt AT20

Item No.	Width in mm	Length in mm	€/unit
637220	75	1260	
637230	100	1260	
357530	25	1500	
357540	32	1500	
357550	50	1500	
357570	75	1500	
357580	100	1500	
442740	25	1600	
442750	32	1600	
442760	50	1600	
442780	75	1600	
442790	100	1600	
236290	25	1700	
236300	32	1700	
236310	50	1700	
236330	75	1700	
236340	100	1700	
442810	25	1760	
442820	32	1760	

Item No.	Width in mm	Length in mm	€/unit
442830	50	1760	
442850	75	1760	
442860	100	1760	
236420	25	1800	
236430	32	1800	
236440	50	1800	
236460	75	1800	
236470	100	1800	
442880	25	1900	
442890	32	1900	
442900	50	1900	
442920	75	1900	
442930	100	1900	
236550	25	1960	
236560	32	1960	
236570	50	1960	
236590	75	1960	
236600	100	1960	

Example of an order

SYNCHROFLEX®TIMING BELT



SYNCHROFLEX Timing Belt T2

According to DIN 7721

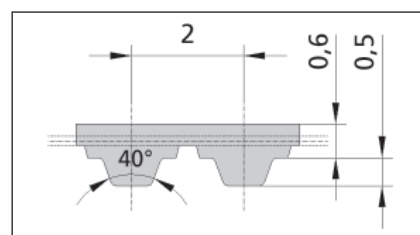
Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated

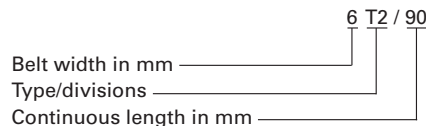
Item No.	Width in mm	Length in mm	€/unit
170190	6	90	
170260	10	90	
171180	6	118	
171300	10	118	
172580	6	120	
172620	10	120	
172800	6	138	
172840	10	138	
173020	6	140	
173060	10	140	
173260	6	144	
173490	10	144	
173680	6	150	
173720	10	150	
173900	6	160	
173940	10	160	
174120	6	180	
174300	10	180	
174990	6	200	
175140	10	200	

Item No.	Width in mm	Length in mm	€/unit
175570	6	220	
175750	10	220	
176710	6	240	
176900	10	240	
69560	6	256	
69580	10	256	
4375930	6	262	
4375940	10	262	
180510	6	280	
180840	10	280	
451930	6	292	
451800	10	292	
181030	6	320	
181070	10	320	
181250	6	360	
181290	10	360	
451910	6	600	
451890	10	600	
4375950	6	710	
4375960	10	710	



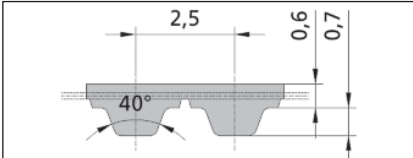
Example of an order

SYNCHROFLEX®TIMING BELT



SYNCHROFLEX TIMING BELTS

SYNCHROFLEX timing belt T2.5



According to DIN 7721

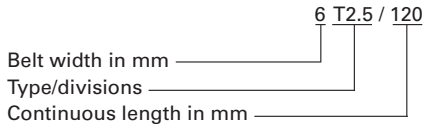
Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request, antistatic, coloured, mechanically treated

Example of an order

SYNCHROFLEX®TIMING BELT



DL: double-toothed

Item No.	Width in mm	Length in mm	Design	€/unit
653840	6	55		
653860	10	55		
10004555	6	120		
185250	10	120		
185900	6	145		
185990	10	145		
186910	6	160		
186930	10	160		
187020	6	177		
187040	10	177		
189210	6	180		
189230	10	180		
197770	6	182		
198070	10	182		
201420	6	200		
201800	10	200		
960330	6	225		
960350	10	225		
206220	6	230		
206510	10	230		
212730	6	245		
212820	10	245		
4376340	6	250		
4376360	10	250		
60004678	4	265		
213350	6	265		
213600	10	265		
213700	6	285		
213720	10	285		
435610	6	290		
435630	10	290		
435800	6	305		
435820	10	305		
60004280	4	317		
213810	6	317		
230030	6	317	DL	
213830	10	317		
230050	10	317	DL	
213920	6	330		
213940	10	330		
214040	6	380		
214060	10	380		
4378030	6	415	DL	
4378050	10	415	DL	
214160	6	420		
214180	10	420		
453700	6	457	DL	
453720	10	457	DL	
214270	6	480		
214290	10	480		
214390	6	500		

SYNCHROFLEX TIMING BELTS

CONTITECH®
SYNCHROFLEX®

SYNCHROFLEX timing belt T2.5

Item No.	Width in mm	Length in mm	Design	€/unit
214410	10	500		
4378060	6	540		
4378070	10	540		
214500	6	600		
214520	10	600		
214610	6	620		
214630	10	620		
214720	6	650		
214740	10	650		
214830	6	780		
214850	10	780		
60024086	4	950		
214940	6	950		
214960	10	950		
60025348	4	1300		
185880	6	1300		
186900	10	1300		

SYNCHROFLEX timing belt T5

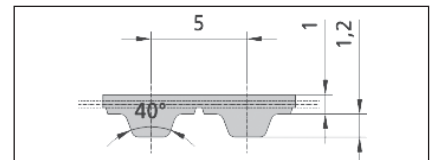
According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
215070	10	100		
215100	16	100		
215120	25	100		
215130	32	100		
215210	10	150		
348880	10	150	DL	
215240	16	150		
348900	16	150	DL	
215260	25	150		
348920	25	150	DL	
215270	32	150		
348930	32	150	DL	
215350	10	165		
215380	16	165		
215400	25	165		
215410	32	165		
436430	10	180		
436460	16	180		
436480	25	180		
436490	32	180		
215510	10	185		
215540	16	185		
215560	25	185		
215570	32	185		
215660	10	200		
215690	16	200		
215710	25	200		



Example of an order

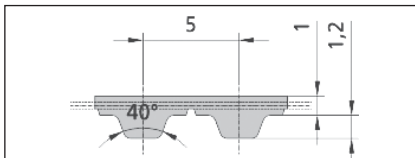
SYNCHROFLEX®TIMING BELT

10 T5 / 100
 Belt width in mm _____
 Type/divisions _____
 Continuous length in mm _____

DL: double-toothed

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T5



Example of an order

SYNCHROFLEX®TIMING BELT

10 T5 / 100

Belt width in mm ————|

Type/divisions ————|

Continuous length in mm ————|

DL: double-toothed

According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
215720	32	200		
437140	10	210		
437520	16	210		
437540	25	210		
437550	32	210		
215810	10	215		
215840	16	215		
215860	25	215		
215870	32	215		
215960	10	220		
215990	16	220		
216010	25	220		
216020	32	220		
216110	10	225		
216140	16	225		
216160	25	225		
216170	32	225		
216270	10	245		
216300	16	245		
216320	25	245		
216330	32	245		
672600	10	250		
672660	16	250		
672680	25	250		
672690	32	250		
216410	10	255		
216440	16	255		
216460	25	255		
216470	32	255		
216560	10	260		
234280	10	260	DL	
216590	16	260		
234310	16	260	DL	
216610	25	260		
234330	25	260	DL	
216620	32	260		
234340	32	260	DL	
216710	10	270		
216740	16	270		
216760	25	270		
216770	32	270		
216870	10	280		
216900	16	280		
216920	25	280		
216930	32	280		
217020	10	295		
217050	16	295		
217070	25	295		
217080	32	295		
634330	10	300	DL	

SYNCHROFLEX TIMING BELTS

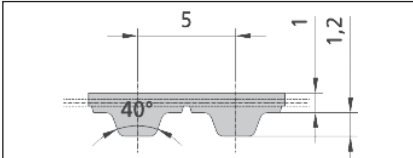
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt T5

Item No.	Width in mm	Length in mm	Design	€/unit
634360	16	300	DL	
634380	25	300	DL	
634390	32	300	DL	
217170	10	305		
217200	16	305		
217220	25	305		
217230	32	305		
217310	10	330		
217340	16	330		
217360	25	330		
217370	32	330		
217460	10	340		
217490	16	340		
217510	25	340		
217520	32	340		
217620	10	355		
217650	16	355		
217670	25	355		
217680	32	355		
217790	10	365		
217820	16	365		
217840	25	365		
217850	32	365		
217940	10	390		
217970	16	390		
217990	25	390		
218000	32	390		
218080	10	400		
218110	16	400		
218130	25	400		
218140	32	400		
218230	10	410		
361040	10	410	DL	
218260	16	410		
361070	16	410	DL	
218280	25	410		
361090	25	410	DL	
218290	32	410		
361100	32	410	DL	
218370	10	420		
218400	16	420		
218420	25	420		
218430	32	420		
218520	10	455		
218550	16	455		
218570	25	455		
218580	32	455		
993690	10	460		
361150	10	460	DL	
993710	16	460		
361180	16	460	DL	
993730	25	460		
361200	25	460	DL	
993740	32	460		
361210	32	460	DL	
218660	10	480		
218690	16	480		
218710	25	480		

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T5



According to DIN 7721

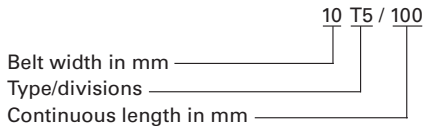
Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Example of an order

SYNCHROFLEX®TIMING BELT



DL: double-toothed

Item No.	Width in mm	Length in mm	Design	€/unit
218720	32	480		
218810	10	500		
218840	16	500		
218860	25	500		
218870	32	500		
233650	10	505		
233680	16	505		
233700	25	505		
233710	32	505		
218960	10	510		
218990	16	510		
219010	25	510		
219020	32	510		
234040	10	515	DL	
234070	16	515	DL	
234090	25	515	DL	
234100	32	515	DL	
219120	10	525		
637260	10	525	DL	
219150	16	525		
637280	16	525	DL	
219170	25	525		
637300	25	525	DL	
219180	32	525		
637310	32	525	DL	
219260	10	545		
219290	16	545		
219310	25	545		
219320	32	545		
219400	10	550		
219430	16	550		
219450	25	550		
219460	32	550		
219550	10	560		
219580	16	560		
219600	25	560		
219610	32	560		
219700	10	575		
219730	16	575		
219750	25	575		
219760	32	575		
234140	10	590		
361260	10	590	DL	
234170	16	590		
361290	16	590	DL	
234190	25	590		
361310	25	590	DL	
234200	32	590		
361320	32	590	DL	
219850	10	610		

SYNCHROFLEX TIMING BELTS

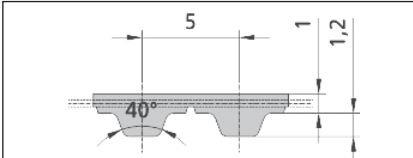
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt T5

Item No.	Width in mm	Length in mm	Design	€/unit
219880	16	610		
219900	25	610		
219910	32	610		
220000	10	620		
361370	10	620	DL	
220030	16	620		
361400	16	620	DL	
220050	25	620		
361420	25	620	DL	
220060	32	620		
361430	32	620	DL	
637620	10	625	DL	
637640	16	625	DL	
637660	25	625	DL	
637670	32	625	DL	
220150	10	630		
220180	16	630		
220200	25	630		
220210	32	630		
234690	10	650		
234710	16	650		
234730	25	650		
234740	32	650		
220290	10	690		
220320	16	690		
220340	25	690		
220350	32	690		
437630	10	700		
437660	16	700		
437680	25	700		
437690	32	700		
220430	10	720		
220460	16	720		
220480	25	720		
220490	32	720		
437770	10	725		
437800	16	725		
437820	25	725		
437830	32	725		
220570	10	750		
361480	10	750	DL	
220600	16	750		
361510	16	750	DL	
220620	25	750		
361530	25	750	DL	
220630	32	750		
361540	32	750	DL	
233750	10	765		
233780	16	765		
233800	25	765		
233810	32	765		
220710	10	780		
220740	16	780		
220760	25	780		
220770	32	780		
634520	10	800		
634550	16	800		
634570	25	800		

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T5



Example of an order

SYNCHROFLEX®TIMING BELT

10 T5 / 100

Belt width in mm _____

Type/divisions _____

Continuous length in mm _____

DL: double-toothed

According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
634580	32	800		
220860	10	815		
361590	10	815	DL	
220890	16	815		
361620	16	815	DL	
220910	25	815		
361640	25	815	DL	
220920	32	815		
361650	32	815	DL	
221000	10	840		
221030	16	840		
221050	25	840		
221060	32	840		
361700	10	860	DL	
361730	16	860	DL	
361750	25	860	DL	
361760	32	860	DL	
221140	10	900		
221170	16	900		
221190	25	900		
221200	32	900		
233850	10	920		
233880	16	920		
233900	25	920		
233910	32	920		
437920	10	925		
437960	16	925		
437980	25	925		
437990	32	925		
438050	10	940		
361810	10	940	DL	
438080	16	940		
361840	16	940	DL	
438100	25	940		
361860	25	940	DL	
438110	32	940		
361870	32	940	DL	
221290	10	990		
221320	16	990		
221340	25	990		
221350	32	990		
221430	10	1075		
221460	16	1075		
221480	25	1075		
221490	32	1075		
221570	10	1100		
361920	10	1100	DL	
221600	16	1100		
361950	16	1100	DL	
221620	25	1100		

SYNCHROFLEX TIMING BELTS

CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt T5

Item No.	Width in mm	Length in mm	Design	€/unit
361970	25	1100	DL	
221630	32	1100		
361980	32	1100	DL	
438170	10	1160		
438200	16	1160		
438220	25	1160		
438230	32	1160		
221710	10	1215		
221740	16	1215		
221760	25	1215		
221770	32	1215		
438300	10	1315		
438330	16	1315		
438350	25	1315		
438360	32	1315		
215780	10	1325	DL	
216240	16	1325	DL	
216670	25	1325	DL	
216840	32	1325	DL	
221850	10	1380		
221880	16	1380		
221900	25	1380		
221910	32	1380		
736280	10	1500		
736310	16	1500		
736330	25	1500		
736340	32	1500		

Example of an order

SYNCHROFLEX[®] TIMING BELT

16 T10 / 500

Belt width in mm
Type/divisions
Continuous length in mm

DL: double-toothed

SYNCHROFLEX timing belt T10

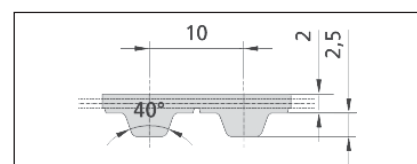
According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- T10: toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

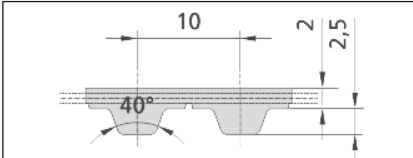
Item No.	Width in mm	Length in mm	Design	€/unit
222020	16	260		
360930	16	260	DL	
222040	25	260		
360950	25	260	DL	
222050	32	260		
360960	32	260	DL	
222060	50	260		
360970	50	260	DL	
222160	16	370		
222180	25	370		
222190	32	370		
222200	50	370		
222320	16	410		
222340	25	410		
222350	32	410		
222360	50	410		
222460	16	440		



DL: double-toothed

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T10



Example of an order

SYNCHROFLEX®TIMING BELT

16 T10 / 500

Belt width in mm ————|
 Type/divisions ————|
 Continuous length in mm ————|

DL: double-toothed

According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- T10: toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
222480	25	440		
222490	32	440		
222500	50	440		
60008040	16	450		
60008041	25	450		
4378110	32	450		
4378120	50	450		
222620	16	500		
222640	25	500		
222650	32	500		
222660	50	500		
222770	16	530		
360790	16	530	DL	
222790	25	530		
360810	25	530	DL	
222800	32	530		
360820	32	530	DL	
222810	50	530		
360830	50	530	DL	
222920	16	560		
222940	25	560		
222950	32	560		
222960	50	560		
223060	16	600		
223080	25	600		
223090	32	600		
223100	50	600		
223210	16	610		
223230	25	610		
223240	32	610		
223250	50	610		
223370	16	630		
360650	16	630	DL	
223390	25	630		
360670	25	630	DL	
223400	32	630		
360680	32	630	DL	
223410	50	630		
360690	50	630	DL	
223520	16	660		
4378140	16	660	DL	
223540	25	660		
360530	25	660	DL	
223550	32	660		
360540	32	660	DL	
223560	50	660		
360550	50	660	DL	
230190	16	680		
230210	25	680		
230220	32	680		

SYNCHROFLEX TIMING BELTS

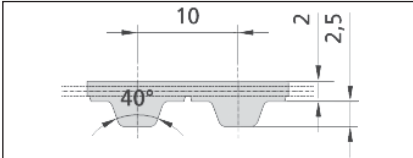
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt T10

Item No.	Width in mm	Length in mm	Design	€/unit
230230	50	680		
223660	16	690		
223680	25	690		
223690	32	690		
223700	50	690		
223810	16	700		
223830	25	700		
223840	32	700		
223850	50	700		
223960	16	720		
360370	16	720	DL	
223980	25	720		
360390	25	720	DL	
223990	32	720		
360400	32	720	DL	
224000	50	720		
360410	50	720	DL	
230320	16	730		
230340	25	730		
230350	32	730		
230360	50	730		
436350	16	750		
436370	25	750		
436380	32	750		
437600	50	750		
962130	16	760		
962140	25	760		
962150	32	760		
962160	50	760		
224100	16	780		
224120	25	780		
224130	32	780		
224140	50	780		
224250	16	810		
224270	25	810		
224280	32	810		
224290	50	810		
224390	16	840		
360230	16	840	DL	
224410	25	840		
360250	25	840	DL	
224420	32	840		
360260	32	840	DL	
224430	50	840		
360270	50	840	DL	
634710	16	850		
634730	25	850		
634740	32	850		
634750	50	850		
224530	16	880		
224550	25	880		
224560	32	880		
224570	50	880		
224670	16	890		
224690	25	890		
224700	32	890		
224710	50	890		
224810	16	920		

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T10



Example of an order

SYNCHROFLEX®TIMING BELT

16 T10 / 500

Belt width in mm _____

Type/divisions _____

Continuous length in mm _____

DL: double-toothed

According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- T10: toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
224980	25	920		
224840	32	920		
225000	50	920		
420580	16	960		
420590	25	960		
424560	32	960		
420600	50	960		
225100	16	970		
225120	25	970		
225130	32	970		
225140	50	970		
225240	16	980		
360090	16	980	DL	
225260	25	980		
360110	25	980	DL	
225270	32	980		
360120	32	980	DL	
225280	50	980		
360130	50	980	DL	
225380	16	1010		
225400	25	1010		
225410	32	1010		
225420	50	1010		
225530	16	1080		
225550	25	1080		
225560	32	1080		
225570	50	1080		
225670	16	1110		
225690	25	1110		
225700	32	1110		
225710	50	1110		
225810	16	1140		
225830	25	1140		
225840	32	1140		
225850	50	1140		
225960	16	1150		
225980	25	1150		
225990	32	1150		
226000	50	1150		
226110	16	1210		
359950	16	1210	DL	
226130	25	1210		
359970	25	1210	DL	
226140	32	1210		
359980	32	1210	DL	
226150	50	1210		
359990	50	1210	DL	
226260	16	1240		
359810	16	1240	DL	
226280	25	1240		

SYNCHROFLEX TIMING BELTS

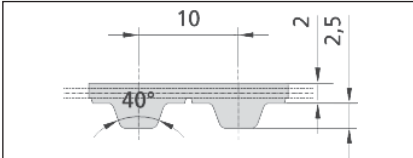
CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX timing belt T10

Item No.	Width in mm	Length in mm	Design	€/unit
359830	25	1240	DL	
226290	32	1240		
359840	32	1240	DL	
226300	50	1240		
359850	50	1240	DL	
226410	16	1250		
359670	16	1250	DL	
226430	25	1250		
359690	25	1250	DL	
226440	32	1250		
359700	32	1250	DL	
226450	50	1250		
359710	50	1250	DL	
226550	16	1300		
226570	25	1300		
226580	32	1300		
226590	50	1300		
226710	16	1320		
359530	16	1320	DL	
226730	25	1320		
359550	25	1320	DL	
226740	32	1320		
359560	32	1320	DL	
226750	50	1320		
359570	50	1320	DL	
226860	16	1350		
359390	16	1350	DL	
226880	25	1350		
359410	25	1350	DL	
226890	32	1350		
359420	32	1350	DL	
226900	50	1350		
359430	50	1350	DL	
227010	16	1390		
227030	25	1390		
227040	32	1390		
227050	50	1390		
227150	16	1400		
227170	25	1400		
227180	32	1400		
227190	50	1400		
227300	16	1420		
359250	16	1420	DL	
227320	25	1420		
359270	25	1420	DL	
227330	32	1420		
359280	32	1420	DL	
227340	50	1420		
359290	50	1420	DL	
227440	16	1450		
227460	25	1450		
227470	32	1450		
227480	50	1450		
227590	16	1460		
227610	25	1460		
227620	32	1460		
227630	50	1460		
218630	16	1500		

SYNCHROFLEX TIMING BELTS

Continued: SYNCHROFLEX timing belt T10



Example of an order

SYNCHROFLEX®TIMING BELT

16 T10 / 500

Belt width in mm _____

Type/divisions _____

Continuous length in mm _____

DL: double-toothed

According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- T10: toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
218930	25	1500		
219090	32	1500		
219230	50	1500		
227740	16	1560		
227760	25	1560		
227770	32	1560		
227780	50	1560		
227890	16	1610		
359110	16	1610	DL	
227910	25	1610		
359130	25	1610	DL	
227920	32	1610		
359140	32	1610	DL	
227930	50	1610		
359150	50	1610	DL	
228040	16	1750		
228060	25	1750		
228070	32	1750		
228080	50	1750		
228200	16	1780		
228220	25	1780		
228230	32	1780		
228240	50	1780		
228350	16	1880		
358970	16	1880	DL	
228370	25	1880		
358990	25	1880	DL	
228380	32	1880		
359000	32	1880	DL	
228390	50	1880		
359010	50	1880	DL	
228510	16	1960		
228530	25	1960		
228540	32	1960		
228550	50	1960		
228650	16	2250		
228670	25	2250		
228680	32	2250		
228690	50	2250		
228790	16	3100		
228810	25	3100		
228820	32	3100		
228830	50	3100		
228900	16	4780		
4378160	16	4780	DL	
228920	25	4780		
358850	25	4780	DL	
228930	32	4780		
358860	32	4780	DL	
228940	50	4780		
358870	50	4780	DL	

SYNCHROFLEX TIMING BELTS

CONTITECH[®]
SYNCHROFLEX[®]

SYNCHROFLEX Timing Belt T20

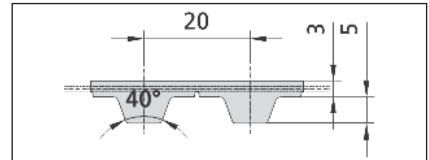
According to DIN 7721

Standard T profile with metric division and trapezoidal teeth.

Designs available for delivery:

- toothed on one side (standard)
- with E reinforcement fibres (tension support) for better bendability
- with aramid reinforcement fibres (tension support) (except DL)
- special polyurethane material on request
- antistatic, coloured, mechanically treated

Item No.	Width in mm	Length in mm	Design	€/unit
229060	25	1260		
229070	32	1260		
229080	50	1260		
229200	25	1460		
229210	32	1460		
229220	50	1460		
229340	25	1780		
229350	32	1780		
229360	50	1780		
229480	25	1880		
229490	32	1880		
229500	50	1880		
229590	25	2360		
229600	32	2360		
229610	50	2360		
229700	25	2600		
4456810	25	2600	DL	
229710	32	2600		
358580	32	2600	DL	
229720	50	2600		
358590	50	2600	DL	
229810	25	3100		
229820	32	3100		
229830	50	3100		
229920	25	3620		
358710	25	3620	DL	
229930	32	3620		
358720	32	3620	DL	
229940	50	3620		
358730	50	3620	DL	



Example of an order

SYNCHROFLEX[®] TIMING BELT

25 T20 / 1260

Belt width in mm ————|

Type/divisions ————|

Continuous length in mm ————|

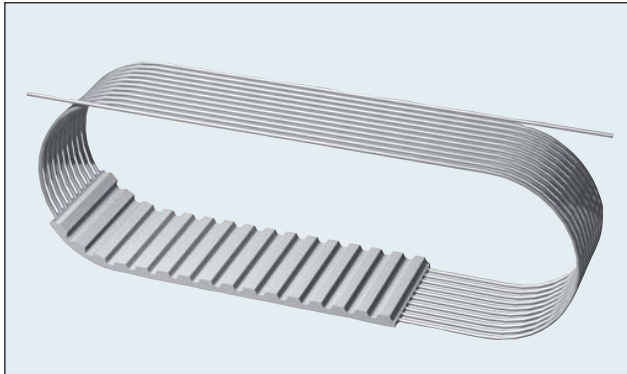
DL: double-toothed

BRECOFLEX® TIMING BELTS

BRECOFLEX® TIMING BELTS

BRECOFLEX® Timing Belts / BRECO® Timing Belts

**Continuous timing belt (Standard)
(without interruption of the tension members)**



BRECOFLEX: The BRECOFLEX® timing belt is manufactured in continuous lengths without tension member interruption. The tension member has thread-type winding. BRECOFLEX® timing belts can be used universally for all tasks in drive technology up to 10.000 RPM.

Application Areas

Continuous timing belts for power drives

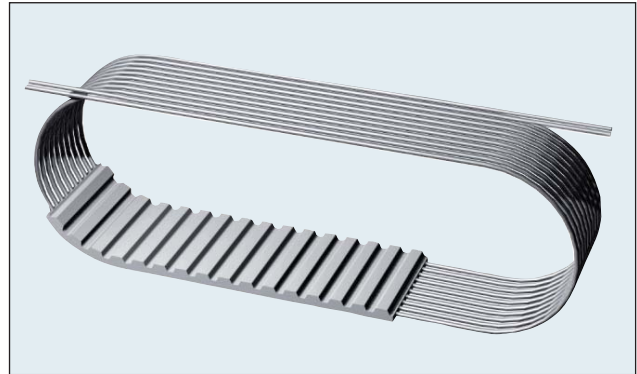
All drives designed for power should use BRECOFLEX® timing belts without tension member interruption. They can be loaded both using continuous operation as well as start/brake operation. They operate in a speed range of up to 10.999 RPM. Continuous timing belts are provided in the preferred catalogue lengths.

Our manufacturing program also enables the supply of intermediate lengths up to a maximum continuous length of 20.000 mm.

StandardPlus BRECOFLEX® timing belts with improved characteristics

The new generation of BRECOFLEX® timing belts has been specially developed for use in high-precision positioning applications. The bifilar tension member winding significantly

**Continuous timing belt (StandardPlus)
(bifilar wound, without interruption of the tension members)**



reduces the tendency of the timing belts to drift, even to zero in the ideal case. The special type of winding prevents lateral forces tension members which result in drifting of the timing belt. In the drive are reduced significantly which also improves the positioning characteristics.

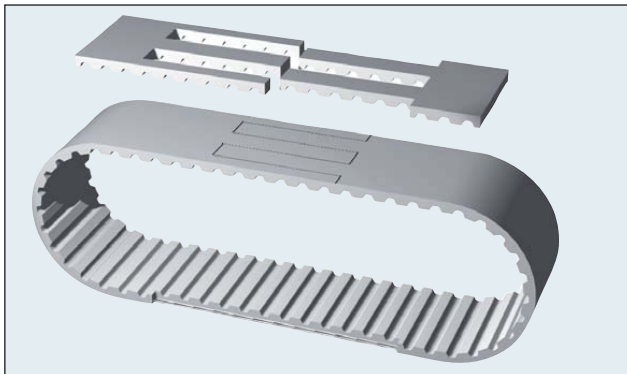
The BRECOFLEX® timing belts also have a clearly improved constancy of the teeth spacing within the belt. Although the tooth spacing deviations in the previous generation were already in the µm range, these could be further minimised.

With this generation of BRECOFLEX® timing belts, there are standard products available for the user which combine outstanding characteristics such as high power transmission, high stiffness, optimum running behaviour and high precision.

Materials

BRECO® and BRECOFLEX® timing belts are manufactured as standard using the material with the TPUST1 designation and steel cord tension members. Other belt materials such as flexible at low temperatures, heat-resistant or suitable for food contact polyurethane are possible. Highly flexible tension members (E) and tension members made of VA steel are also available. Our sales partner responsible for your area can advise you about our possibilities.

Welded BRECO® Timing Belt



BRECO® timing belts (BRECO M: products sold in open length / BRECO V: welded belts)

BRECO M: The BRECO® timing belt is manufactured as a product sold in open length. The tension members are always arranged parallel to the edges. Products sold in open length are used, for example in linear drives. All tension members are involved in the force flow.

BRECO V: Products sold in open length welded to form continuous belts means BRECO® timing belts are available in any length. Half the number of tension members are involved in the force flow at the joint. Continuous welded BRECO® timing belts are most used in conveying technology for any centre distances.

BRECOFLEX® TIMING BELTS



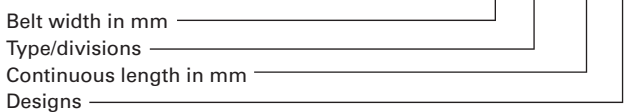
BRECOFLEX® timing belt AT 5

BFX AT 5		Lengths and designs available for delivery	
Standard lengths	see table		
Minimum purchase amount	up to 660 mm	1 winding (b= 100mm)	
Length gradation from tooth to tooth	720 mm to 15000 mm		
Intermediate lengths	beginning at 720 mm	o	
StandardPlus design greater than 15000 mm	720 mm to 15000 mm on request		
Standard material	up to 660 mm	TPUST3	
	up to 720 mm	TPUST1 ¹⁾	
Steel reinforcement fibres (tension support) (standard)	-		
E reinforcement fibres (tension support)	x		
VA reinforcement fibres (tension support)	o		
PAZ	x		
DL/DL-PAZ	beginning at 900 mm	o ²⁾	
DR/DR-PAZ	beginning at 900 mm	o	
T/T-PAZ	o		

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
225	45	1005	201	3000	600
255	51	1020	204	3150	630
280	56	1075	215	3350	670
305	61	1100	220	3550	710
340	68	1215	243	3750	750
390	78	1380	276	4000	800
420	84	1400	280	4250	850
455	91	1500	300	4500	900
500	100	1600	320	4750	950
545	109	1700	340	5000	1000
610	122	1800	360	5300	1060
660	132	1900	380	5600	1120
720	144	2000	400	6000	1200
780	156	2120	424	6300	1260
840	168	2240	448	6700	1340
855	171	2360	472	7100	1420
875	175	2500	500	7500	1500
960	192	2650	530		
990	198	2800	560		

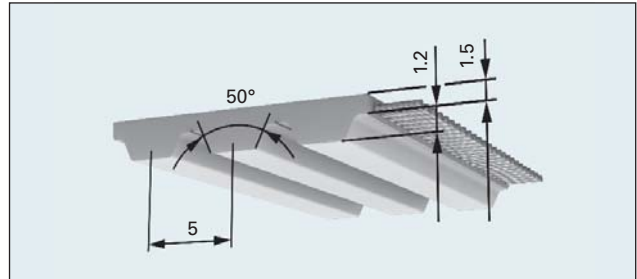
Example of an order

BRECOFLEX®TIMING BELT

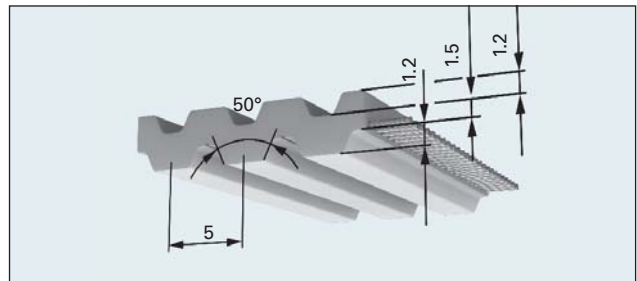


- x available without a minimum purchase amount at standard lengths beginning at 720 mm
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request
- ²⁾ only the inside can be coated

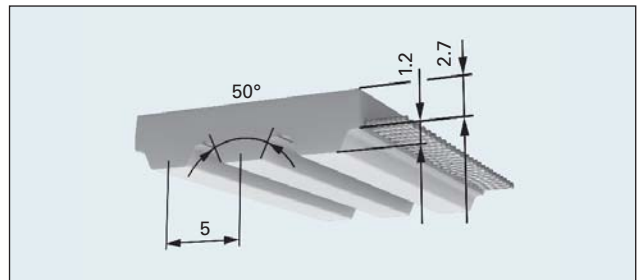
AT 5 (Standard)



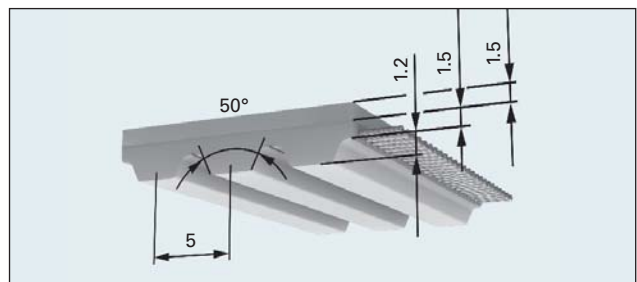
AT 5-DL (double-toothed)



AT 5-DR (reinforced back of belt)



AT 5-T (T design)

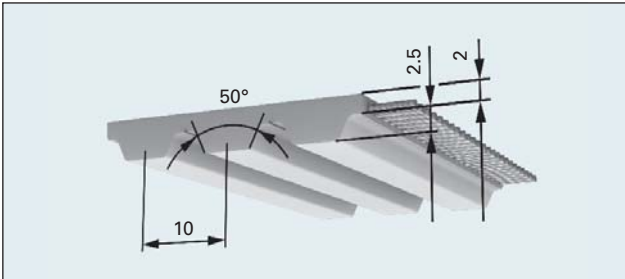


Belt widths b (mm) – intermediate widths on request						
10	16	25	32	50	75	100

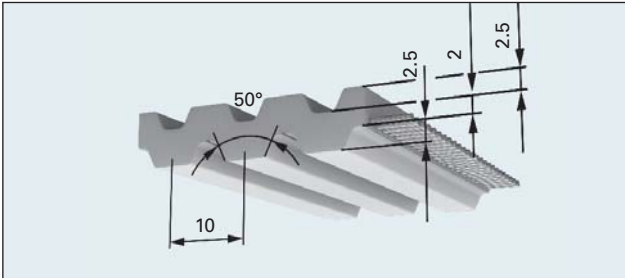
BRECOFLEX® TIMING BELT

BRECOFLEX® timing belt AT 10

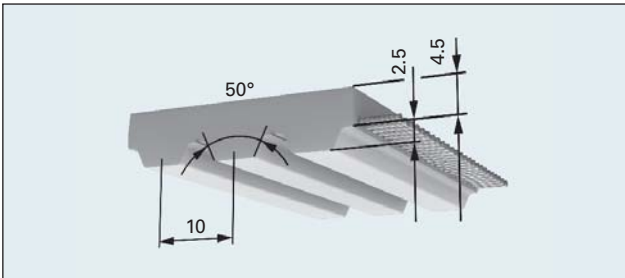
AT 10 (Standard)



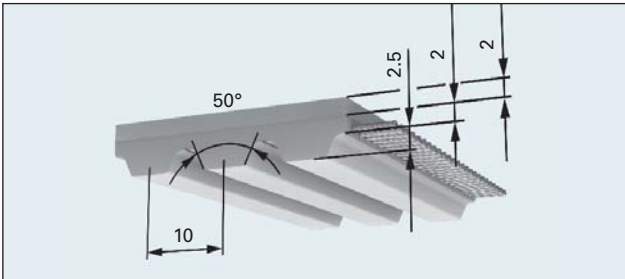
AT 10-DL (double-toothed)



AT 10-DR (reinforced back of belt)



AT 10-T (T design)

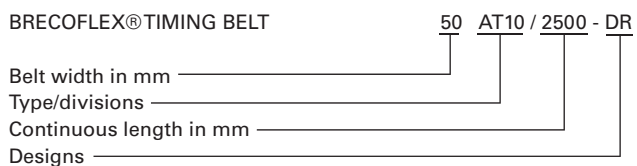


Belt widths b (mm) – intermediate widths on request					
25	32	50	75	100	150 ¹⁾

BFX AT 10				Lengths and designs available for delivery	
Standard lengths		see table			
Minimum purchase amount	up to 700 mm	1 winding (b= 100mm)			
Length gradation from tooth to tooth		720 mm to 22000 mm			
Under 1500 mm		b _{max} =100			
Intermediate lengths		beginning at 720 mm	o		
StandardPlus design		720 mm to 22000 mm			
greater than 22000 mm		on request			
Standard material		up to 700 mm	TPUST3		
		up to 720 mm	TPUST1 ¹⁾		
Steel reinforcement fibres (tension support) (standard)		x			
E reinforcement fibres (tension support)		o			
VA reinforcement fibres (tension support)		o			
PAZ		x			
DL/DL-PAZ	b _{max} =100	beginning at 900 mm	o ³⁾		
DR/DR-PAZ	b _{max} =100	beginning at 900 mm	o		
T/T-PAZ	b _{max} =100	beginning at 1080 mm	o		

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
400	40	1010	101	3000	300
500	50	1080	108	3150	315
530	53	1150	115	3350	335
560	56	1210	121	3550	355
610	61	1240	124	3750	375
630	63	1250	125	4000	400
660	66	1320	132	4250	425
700	70	1400	140	4500	450
720	72	1500	150	4750	475
780	78	1600	160	5000	500
800	80	1700	170	5300	530
810	81	1800	180	5600	560
840	84	1900	190	6000	600
850	85	2000	200	6300	630
880	88	2120	212	6700	670
890	89	2240	224	7100	710
920	92	2360	236	7500	750
960	96	2500	250	8000	800
970	97	2650	265	9000	900
980	98	2800	280		

Example of an order



- x available without a minimum purchase amount at standard lengths beginning at 720 mm
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ 150 mm belt width available beginning at 1500 mm to 15000 mm
- ²⁾ other materials on request
- ³⁾ only the inside can be coated

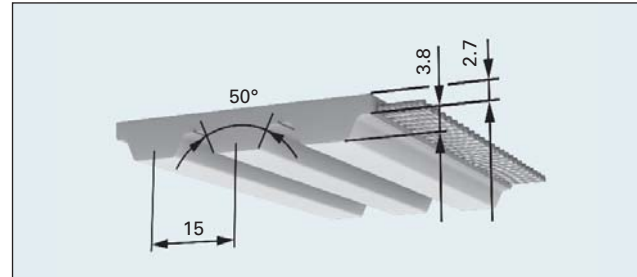
BRECOFLEX® TIMING BELT



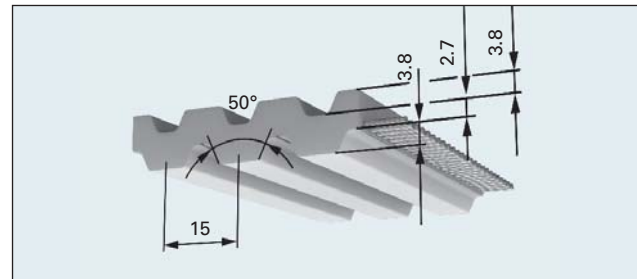
BRECOFLEX® timing belt ATS 15

BFX AT 15	Lengths and designs available for delivery
Standard lengths	-
Length gradation from tooth to tooth	1500 mm to 22000 mm
StandardPlus design greater than 22000 mm	1500 mm to 22000 mm on request
Minimum purchase amount	1 winding (b=100 mm)
Standard material	TPUST1 ¹⁾
Steel reinforcement fibres (tension support) (standard)	x
E reinforcement fibres (tension support)	-
VA reinforcement fibres (tension support)	o
PAZ	x
DL/DL-PAZ	o ²⁾
DR/DR-PAZ	-
T/T-PAZ	-

AT 15 (Standard)



AT 15-DL (double-toothed)



- x available, minimum purchase quantity 1 winding
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request
- ²⁾ only the inside can be coated

Belt widths b (mm) – intermediate widths on request				
25	32	50	75	100

Example of an order

BRECOFLEX®TIMING BELT 50 ATS15 / 1500

Belt width in mm _____

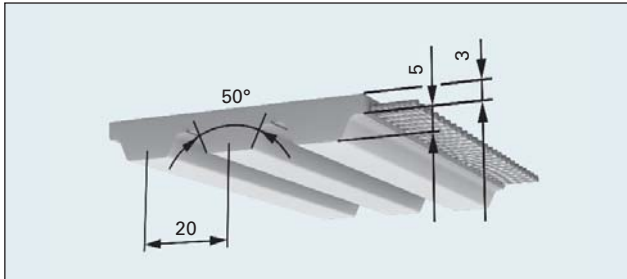
Type/divisions _____

Continuous length in mm _____

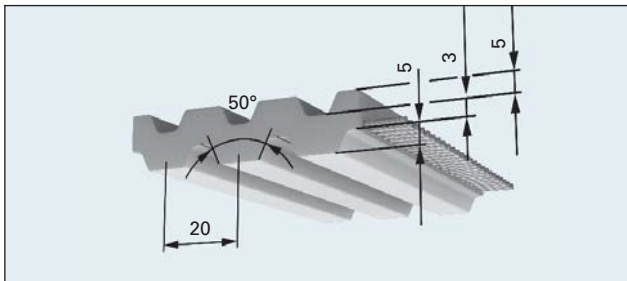
BRECOFLEX® TIMING BELT

BRECOFLEX® timing belt AT 20

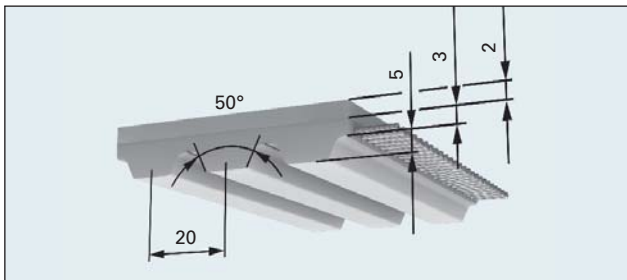
AT 20 (Standard)



AT 20-DL (double-toothed)



AT 20-T (T design)



Belt widths b (mm) – intermediate widths on request				
32	50	75	100	150 ¹⁾

BFX AT 20	Lengths and designs available for delivery	
Standard lengths	see table	
Length gradation from tooth to tooth	1100 mm to 22000 mm	
Under 1000 mm	-	
Intermediate lengths	beginning at 1100 mm	o
StandardPlus design	1500 mm to 22000 mm	
greater than 22000 mm	on request	
Standard material	TPUST1 ²⁾	
Steel reinforcement fibres (tension support) (standard)	x	
E reinforcement fibres (tension support)	o	
VA reinforcement fibres (tension support)	o	
PAZ	x	
DL/DL-PAZ	b _{max} =100	o ³⁾
DR/DR-PAZ	b _{max} =100	-
T/T-PAZ	b _{max} =100	o

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

x available without a minimum purchase amount at standard lengths

o Inquire as to minimum delivered amount

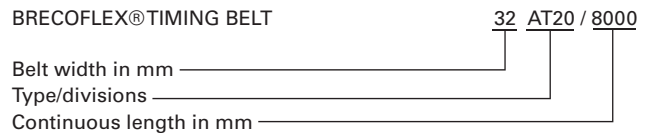
- not available for delivery

¹⁾ 150 mm belt width available beginning at 1500 mm to 15000 mm

²⁾ other materials on request

³⁾ only the inside can be coated

Example of an order



BRECO® TIMING BELT AT 15 "PROTECT"



The blue AT 15 "protect"

With the AT15 "protect", a timing belt with tension members completely embedded in polyurethane is available. The material selection for the timing belt, with the FDA conformity and the blue colour, complies with the current requirements of the food processing industry.

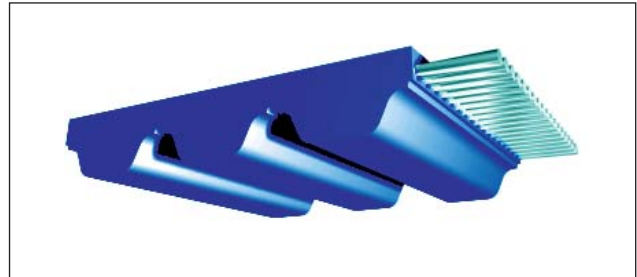
The polyurethane used is compliant with the conformity criteria of the FDA regulations CFR § 177.1680, the European Directives (EU) 1935-2004, 2002/72/EC and the EC Directives 90/128/CEE and 96/11/CE.

BRECO® timing belts (M/V)

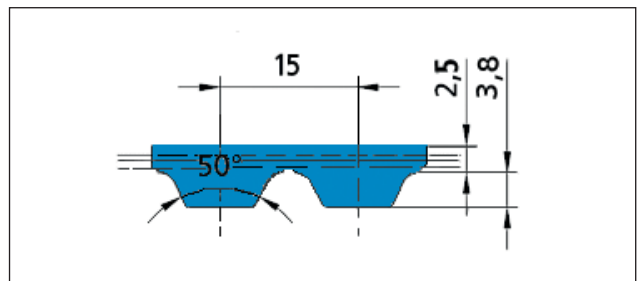
Available lengths and designs

- Sold on reels of 50 or 100 metres. Shorter or longer lengths are available on request
- Material: TPUAU1, FDA-compliant
- Colour: blue
- only the belt widths in the table are available

AT profile



AT 15 "protect"



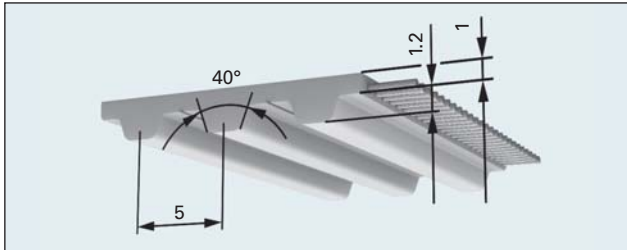
Belt widths b (mm)

25	32	50	75	100
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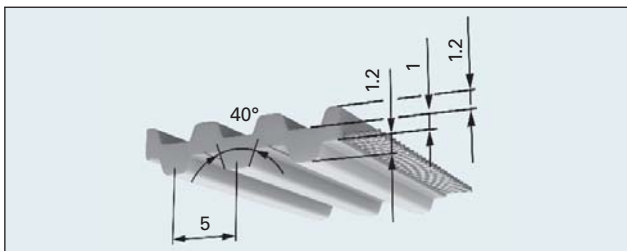
BRECOFLEX® TIMING BELT

BRECOFLEX® timing belt T 5

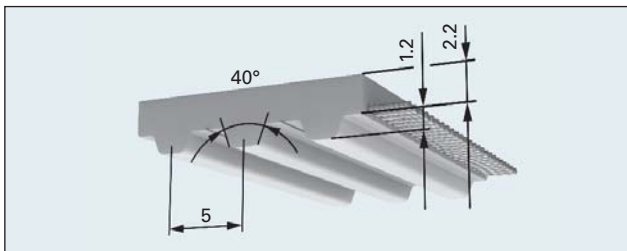
T 5 (Standard)



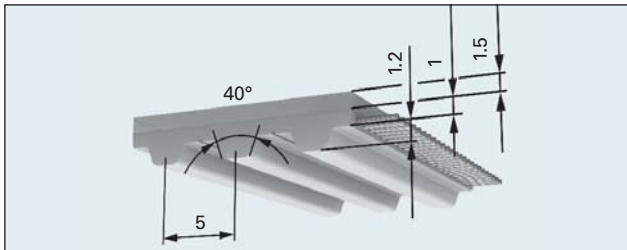
T 5-DL (double-toothed)



T 5-DR (reinforced back of belt)



T 5-T (T design)



Belt widths b (mm) – intermediate widths on request

10	16	25	32	50	75	100
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Example of an order

BRECOFLEX® TIMING BELT

Belt width in mm _____ 16
 Type/divisions _____ T5 / 2000
 Continuous length in mm _____

BFX T5			Lengths and designs available for delivery	
Standard lengths			see table	
Minimum purchase amount	up to 690 mm	1 winding (b= 100mm)		
Length gradation from tooth to tooth	720 mm to 15000 mm			
Intermediate lengths	beginning at 720 mm	o		
StandardPlus design	720 mm to 15000 mm			
greater than 15000 mm			on request	
Standard material	up to 690 mm	TPUST3		
	up to 720 mm	TPUST1 ¹⁾		
Steel reinforcement fibres (tension support) (standard)	x			
E reinforcement fibres (tension support)	o			
VA reinforcement fibres (tension support)	o			
PAZ	x			
DL/DL-PAZ	beginning at 900 mm	o		
DR/DR-PAZ	beginning at 900 mm	o		
T/T-PAZ	o			

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
200	40	560	112	1800	360
215	43	575	115	1900	380
220	44	610	122	2000	400
225	45	620	124	2120	424
240	48	630	126	2240	448
245	49	660	132	2360	472
255	51	690	138	2500	500
260	52	720	144	2650	530
270	54	750	150	2800	560
280	56	755	151	3000	600
295	59	780	156	3150	630
305	61	800	160	3350	670
330	66	815	163	3550	710
340	68	840	168	3750	750
355	71	850	170	4000	800
365	73	860	172	4250	850
370	74	900	180	4500	900
390	78	945	189	4750	950
400	80	990	198	5000	1000
410	82	1040	208	5300	1060
420	84	1075	215	5600	1120
435	87	1100	220	6000	1200
455	91	1215	243	6300	1260
480	96	1380	276	6700	1340
500	100	1400	280	7100	1420
510	102	1500	300	7500	1500
525	105	1600	320		
545	109	1700	340		

- x available without a minimum purchase amount for standard lengths beginning at 720 mm
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

BRECOFLEX® TIMING BELT



BRECOFLEX® timing belt T 10

Lengths and designs available for delivery		
Standard lengths	see table	
Minimum purchase amount	up to 700 mm	1 winding (b= 100mm)
Length gradation from tooth to tooth	720 mm to 22000 mm	
Intermediate lengths	beginning at 720 mm	o
StandardPlus design	720 mm to 22000 mm	
greater than 22000 mm	on request	
Standard material	up to 700 mm up to 720 mm	TPUST3 TPUST1 ¹⁾
Steel reinforcement fibres (tension support) (standard)		x
E reinforcement fibres (tension support)		o
VA reinforcement fibres (tension support)		o
PAZ		x
DL/DL-PAZ	beginning at 900 mm	o
DR/DR-PAZ	beginning at 900 mm	o
T/T-PAZ		o

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
500	50	1080	108	2650	265
530	53	1150	115	2800	280
560	56	1210	121	3000	300
600	60	1240	124	3100	310
610	61	1250	125	3150	315
630	63	1320	132	3350	335
660	66	1350	135	3750	375
690	69	1390	139	4000	400
700	70	1400	140	4250	425
720	72	1420	142	4500	450
780	78	1460	146	4750	475
810	81	1500	150	5000	500
840	84	1560	156	5300	530
880	88	1610	161	5600	560
890	89	1750	175	6000	600
920	92	1780	178	6300	630
960	96	1880	188	6700	670
970	97	1960	196	7100	710
980	98	2250	225	7500	750
990	99	2360	236	8000	800
1010	101	2500	250	9000	900

Example of an order

BRECOFLEX®TIMING BELT

Belt width in mm _____ 16 T10 / 3350 - DL

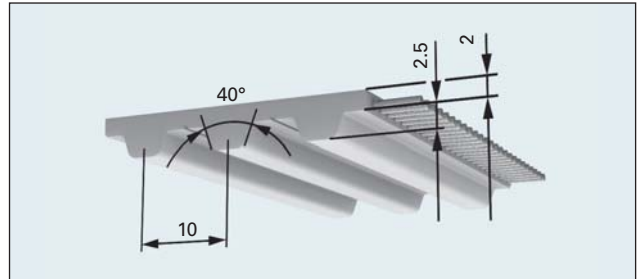
Type/divisions _____

Continuous length in mm _____

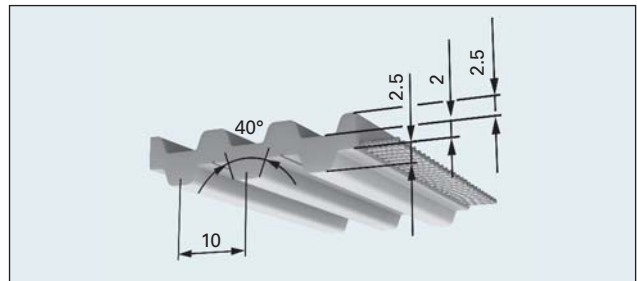
Designs _____

- x available without a minimum purchase amount at standard lengths
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

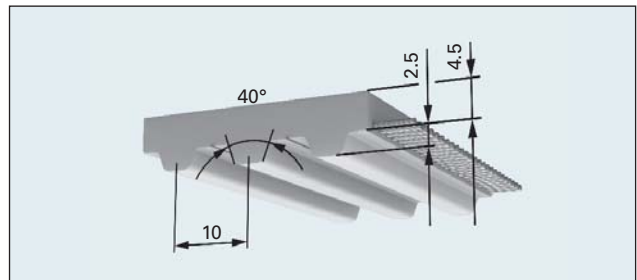
T 10 (Standard)



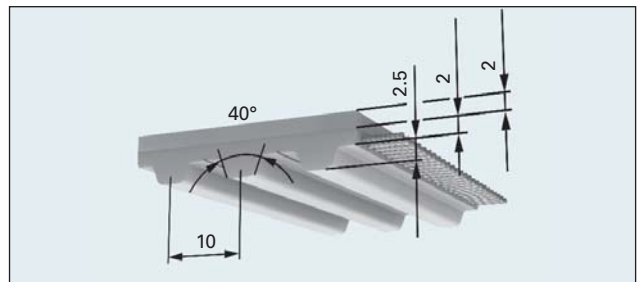
T 10-DL (double-toothed)



T 10-DR (reinforced back of belt)



T 10-T (T design)

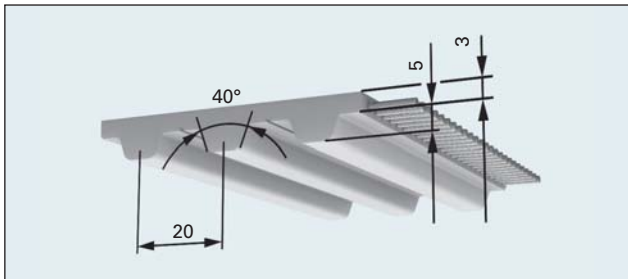


Belt widths b (mm) – intermediate widths on request					
16	25	32	50	75	100

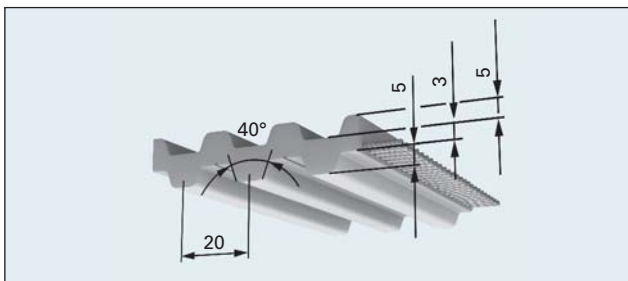
BRECOFLEX® TIMING BELT

BRECOFLEX® timing belt T 20

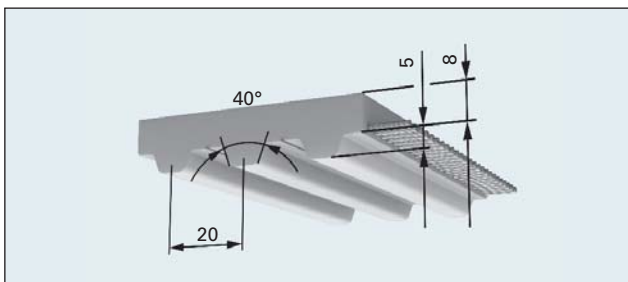
T 20 (Standard)



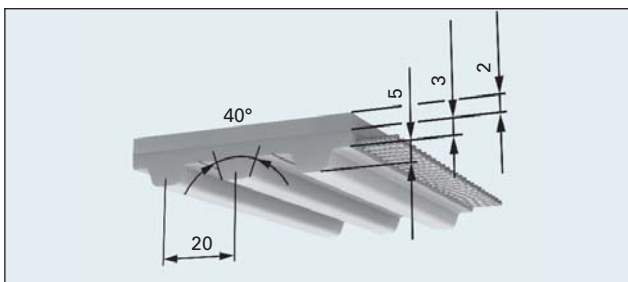
T 20-DL (double-toothed)



T 20-DR (reinforced back of belt)



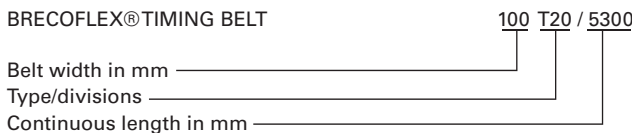
T 20-T (T design)



BFX T20		Lengths and designs available for delivery	
Standard lengths	see table		
Length gradation from tooth to tooth	1100 mm to 22000 mm		
Width b = 150 mm	1500 mm to 15000 mm		
Intermediate lengths	from 1100 mm	o	
StandardPlus design	1500 mm to 22000 mm		
greater than 22000 mm	on request		
Standard material	TPUST1 ¹⁾		
Steel reinforcement fibres (tension support) (standard)	x		
E reinforcement fibres (tension support)	o		
VA reinforcement fibres (tension support)	o		
PAZ	x		
DL/DL-PAZ	b _{max} =100 mm	beginning at 1100 mm	o
DR/DR-PAZ	b _{max} =100 mm	beginning at 1100 mm	o
T/T-PAZ	b _{max} =100 mm		o

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

Example of an order



Belt widths b (mm) – intermediate widths on request				
32	50	75	100	150

- x available without a minimum purchase amount at standard lengths
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

BRECO® AT 10 DC/T 10 DC

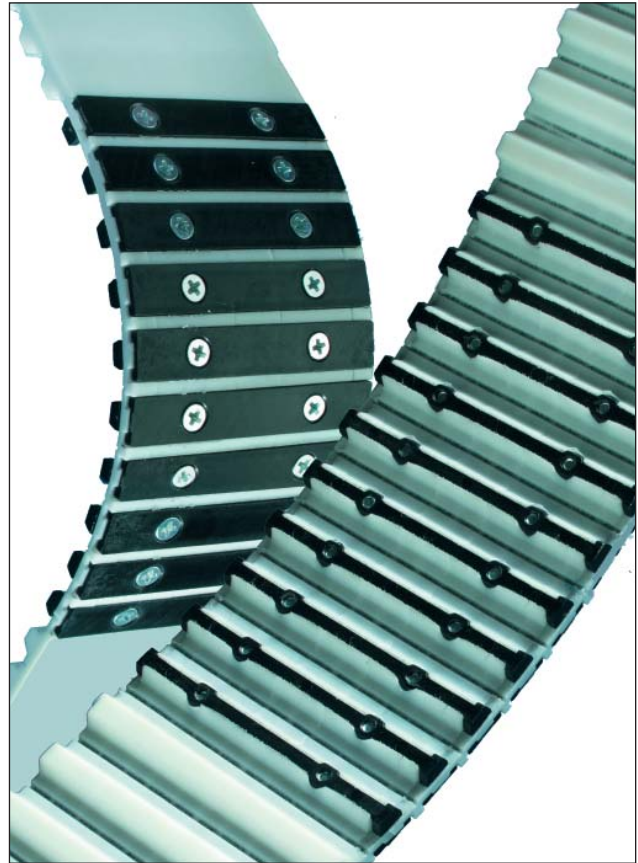


Timing belt lock for BRECO® TIMING BELTS

The main application area for the BRECO® timing belt lock for the timing belt types AT10 DC and T10 DC and T10 DC is for drives with small loads. The lock provides the user with significant time and thus cost benefits everywhere where the timing belt should not be combined to a continuous belt until after insertion in the machine for design reasons.

Use as "emergency timing belt" for bridging shutdowns after malfunctions and thus possible associated belt failures is also possible. When using the lock for timing belts with welded on profiles, minimum profile clearance of 100 mm must be taken into account.

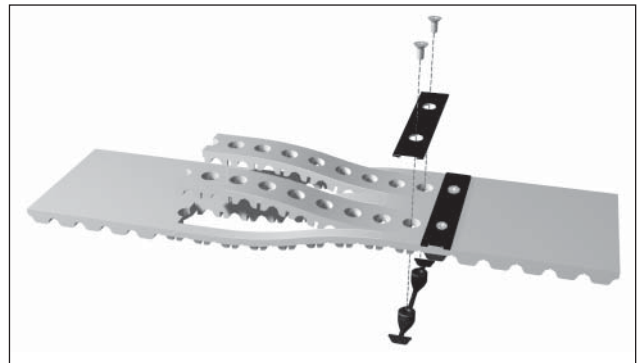
AT 10 DC/T 10 DC timing belt lock



Lock element material	Carbon fibre reinforced high-strength polyamide
Lock length (tooth centre to tooth centre)	90 mm
Number of connection elements	10
Width of the back elements	8 mm
Timing belt overall thickness (design DC)	5.5 mm
Minimum number of teeth of the pulley (only use normal gaps)	25

Timing belt lock AT 10 DC/T 10 DC				
Lock widths (mm)	32	50	75	100
Permitted tensile force (N)	550	750	1000	1500

AT 10 DC/T 10 DC timing belt lock (functional principle)

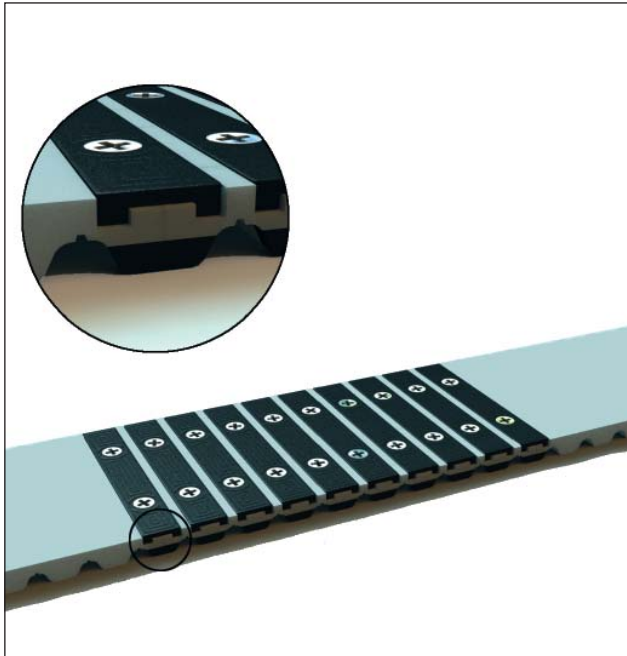


BRECO® AT 10 DC/T 10 DC



Timing belt lock for BRECO® TIMING BELTS

AT 10 DC timing belt lock

**Ordering information**

The lock elements on the back of the belt are recessed so that the elements are flush with the belt top edge.

Therefore, the timing belt to be used must be thicker than the normal BRECO® AT10 or T10 timing belt.

Therefore, a belt with the designation "AT10" or "T10" in the design "DC" must be ordered.

Order descriptions

Description for timing belt prepared for lock

(lock is not mounted)

75 AT10/8400 DC or 100T10/6000 DC

Description for timing belt lock

75 AT10 DC or 100T10 DC

Complete description for timing belt with lock

(lock is pre-installed)

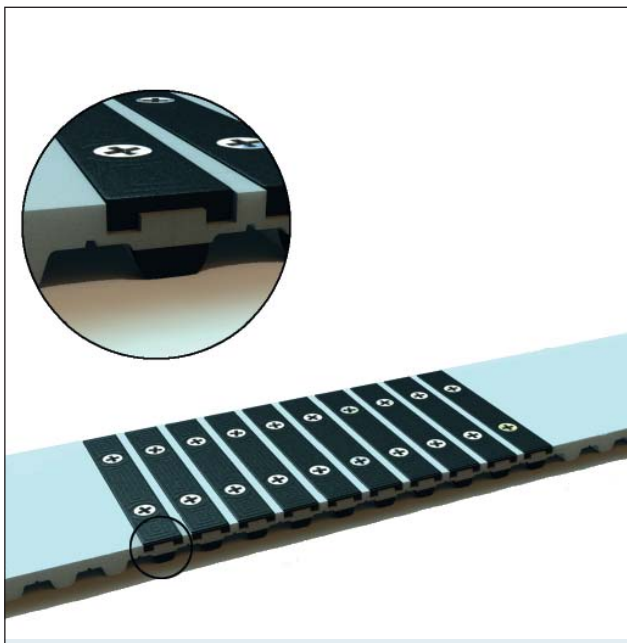
50 AT10/5400 DC installed

50 AT10 DC installed

Note:

Both corresponding descriptions for the timing belt and for the lock must be stated on the order. If only the description of the timing belt is shown, only a timing belt with the corresponding lock preparation will be supplied.

T 10 DC timing belt lock



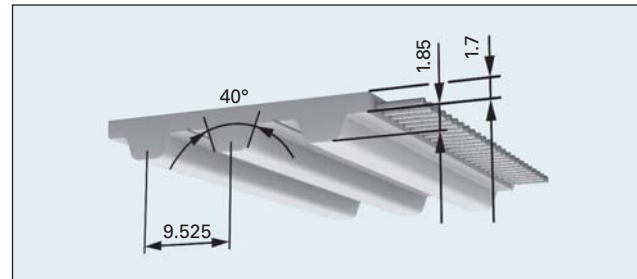
BRECOFLEX® TIMING BELT INCH



BRECOFLEX® timing belt L = (3/8" = 9.525 mm)

BFX L	Lengths and designs available for delivery	
Standard lengths	see table	
Minimum purchase amount	up to 685.8 mm	1 winding (b= 101.6 mm)
Length gradation from tooth to tooth	723.9 mm to 14992.35 mm	
Intermediate lengths	beginning at 723.9 mm	o
StandardPlus design	723.9 mm to 14992.35 mm greater than 14992.35 mm on request	
Standard material	up to 685.8 mm up to 723.9 mm	TPUST3 TPUST1 ¹⁾
Steel reinforcement fibres (tension support) (standard)		x
E reinforcement fibres (tension support)		-
VA reinforcement fibres (tension support)		-
PAZ		x
DL/DL-PAZ		-
DR/DR-PAZ		-
T/T-PAZ		-

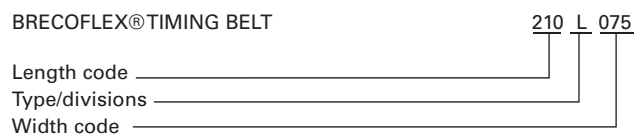
L (Standard)



Belt widths b (mm) – intermediate widths on request					
9.53	12.7	19.1	25.4	50.8	101.6
Inch code					
037	050	075	100	200	400

length code	Length mm	Number of teeth	length code	Length mm	Number of teeth
124	314.33	33	367	933.45	98
150	381.00	40	390	990.60	104
187	476.25	50	420	1066.80	112
202	514.35	54	450	1143.00	120
210	533.40	56	480	1219.20	128
225	571.50	60	540	1371.60	144
240	609.60	64	570	1447.80	152
255	647.70	68	600	1524.00	160
270	685.80	72	630	1600.20	168
285	723.90	76	660	1676.40	176
300	762.00	80	705	1790.70	188
322	819.15	86	750	1905.00	200
345	876.30	92			

Example of an order

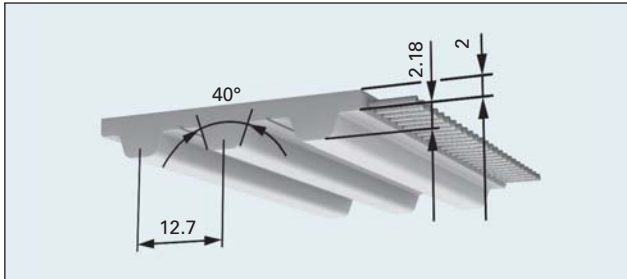


- x available without a minimum purchase amount at standard lengths beginning at 723.9 mm
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

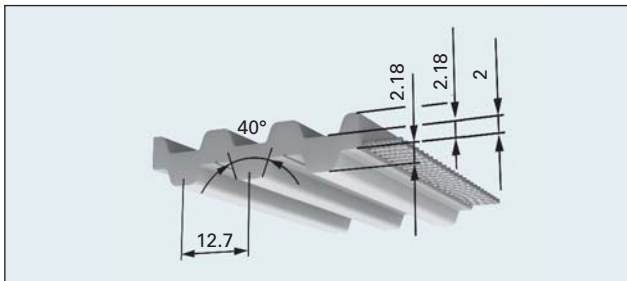
BRECOFLEX® TIMING BELT INCH

BRECOFLEX® timing belt H = (1/2" = 12.7 mm)

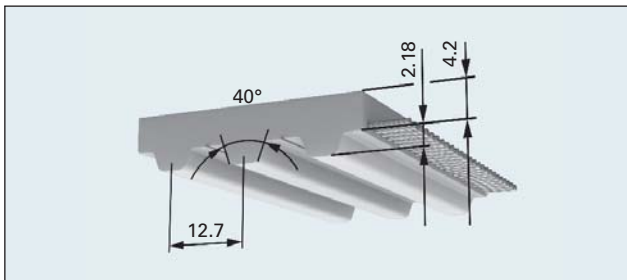
H (Standard)



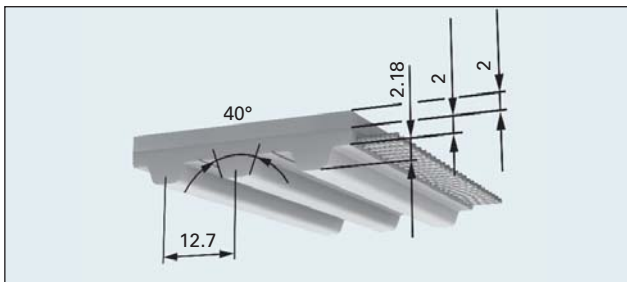
H-DL (double-toothed)



H-DR (reinforced belt back)



H-T (design T)



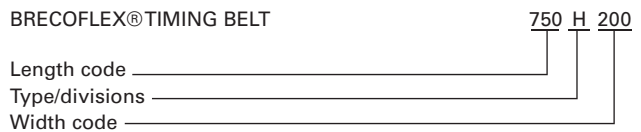
Belt widths b (mm) – intermediate widths on request						
12.7	19.1	25.4	38.1	50.8	76.2	101.6
Inch code						
050	075	100	150	200	300	400

BFX H	Lengths and designs available for delivery	
Standard lengths	see table	
Length gradation from tooth to tooth	723.9 mm to 16002 mm	
Intermediate lengths	beginning at 723.9 mm	o
StandardPlus design	723.9 mm to 16002 mm	
greater than 16002 mm	on request	
Standard material	beginning at 723.9 mm	TPUST1 ¹⁾
Steel reinforcement fibres (tension support) (standard)	x	
E reinforcement fibres (tension support)	-	
VA reinforcement fibres (tension support)	-	
PAZ	x	
DL/DL-PAZ	beginning at 901.7 mm	o
DR/DR-PAZ	beginning at 901.7 mm	o
T/T-PAZ	o	

length code/Division	Length mm	Number of teeth	length code/Division	Length mm	Number of teeth
420	1066.80	84	850	2159.00	170
450	1143.00	90	900	2286.00	180
480	1219.20	96	1000	2540.00	200
510	1295.40	102	1100	2794.00	220
540	1371.60	108	1250	3175.00	250
570	1447.80	114	1400	3556.00	280
600	1524.00	120	1700	4318.00	340
630	1600.20	126	2000	5080.00	400
660	1676.40	132	2300	5842.00	460
700	1778.00	140	2600	6604.00	520
750	1905.00	150	3000	7620.00	600
800	2032.00	160			

Example of an order

BRECOFLEX®TIMING BELT



- x available without a minimum purchase amount for standard lengths
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

SELF-TRACKING TIMING BELTS



BRECO® Track Timing Belts

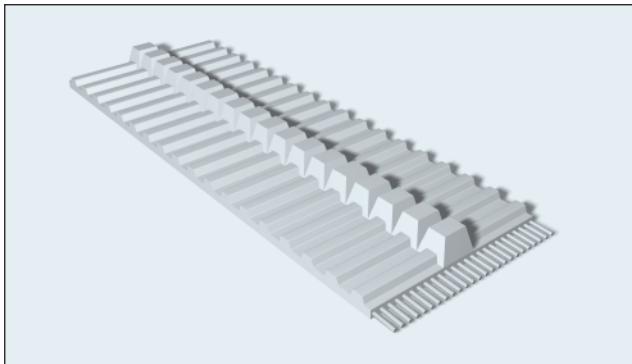
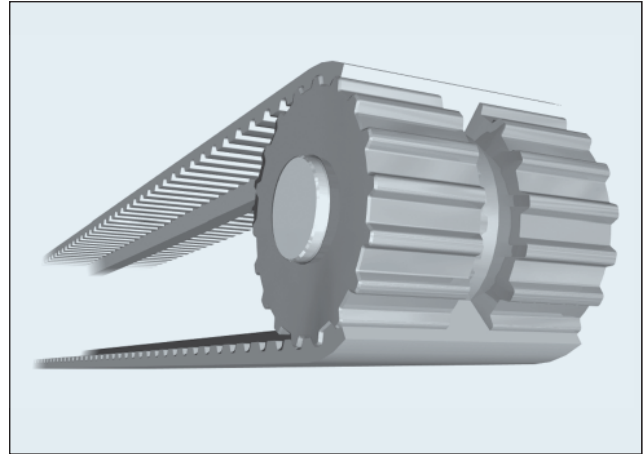
Design and properties

The composite structure of timing belts, open-end V-belts and steel cord tension members in a joint belt design produces synchronous timing belts running with directional stability. They are mainly used in the conveying and handling technology areas. The tracking ensures straight running over the complete span length. Track timing belts are insensitive to lateral forces.

Standard design

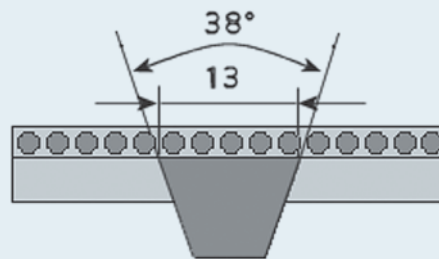
The standard design of the track timing belt is a composite structure made of two materials: wear-resistant polyurethane with Shore A hardness 92 and high strength steel cord tension members.

The supply range distinguishes between slotted wedge and unslotted wedge (for prefabricated belts) designs. Timing belts with unslotted wedge have a lower tendency to bending. Therefore, the minimum diameter of the pulleys and the minimum number of teeth must be increased in comparison with the slotted wedge design. Only slotted designs are shown in the standard range for the conveying technology area.



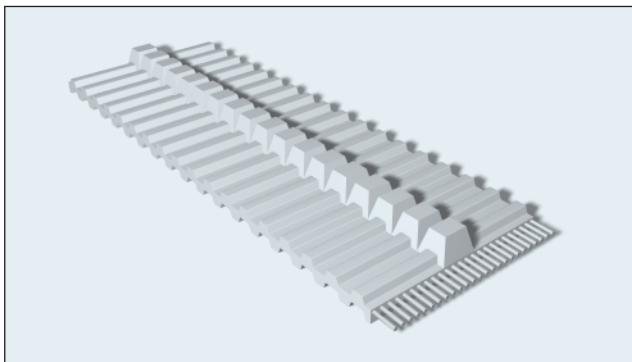
V-guide dimensions

ATK10K13, ATK20K13, TK10K13, TK20K13, TK1/2"K13

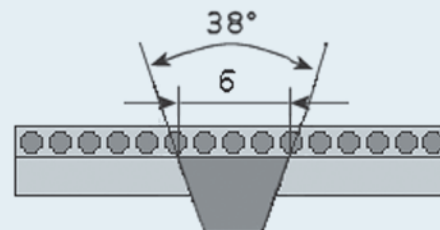


Double-toothed design (DL)

Track timing belt with additional tothing on the belt back. This type is only available in slotted design as BRECOFLEX® type ATK10K6.



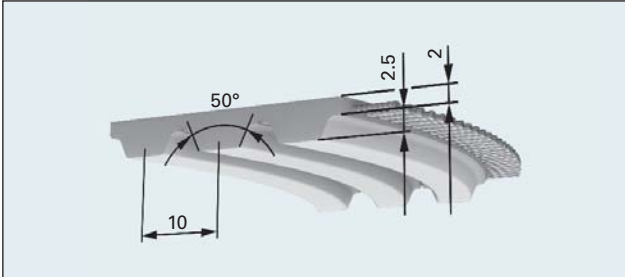
ATK5K6, ATK10K6, TK5K6, TK10K6



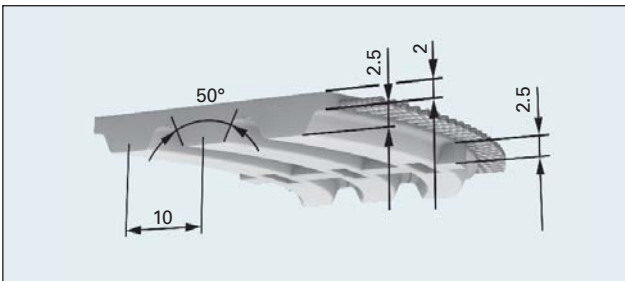
BRECOFLEX® TIMING BELT SELF-GUIDING

BRECOFLEX® timing belt BAT 10 and BATK 10

BAT 10 (Standard)



BATK 10 (Standard)



Belt widths b (mm) – intermediate widths on request			
32	50	75	100

Example of an order

BRECOFLEX® TIMING BELT 32 BAT10 / 2000

Belt width in mm _____

Type/divisions _____

Continuous length in mm _____

BFX BAT 10	Lengths and designs available for delivery	
Standard lengths	see table	
Length gradation from tooth to tooth	b = 50 mm: from 720 mm to 1100 mm to 22000 mm	
Intermediate lengths	from 1100 mm ¹⁾	o
StandardPlus design	1100 mm to 22000 mm ¹⁾	
greater than 22000 mm	on request	
Standard material	TPUST1 ²⁾	
Steel reinforcement fibres (tension support) (standard)	x	
E reinforcement fibres (tension support)	o	
VA reinforcement fibres (tension support)	o	
PAZ	x	
DL/DL-PAZ	-	
DR/DR-PAZ	-	
T/T-PAZ	-	

BFX BATK 10	Lengths and designs available for delivery	
Standard lengths	see table	
Length gradation from tooth to tooth	1100 mm to 22000 mm	
Intermediate lengths	beginning at 1100 mm	o
StandardPlus design	1100 mm to 22000 mm	
greater than 22000 mm	on request	
Standard material	TPUST1 ²⁾	
Steel reinforcement fibres (tension support) (standard)	x	
E reinforcement fibres (tension support)	o	
VA reinforcement fibres (tension support)	o	
PAZ	x	
DL/DL-PAZ	-	
DR/DR-PAZ	-	
T/T-PAZ	-	

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
1100	110	1700	170	4000	400
1150	115	1800	180	4500	450
1210	121	1900	190	5000	500
1240	124	2000	200	5600	560
1250	125	2240	224	6000	600
1320	132	2500	250	6700	670
1400	140	2800	280	7100	710
1500	150	3000	300	7500	750
1600	160	3550	355		

- x available without a minimum purchase amount at standard lengths
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ for b = 50 mm: from 720 mm
- ²⁾ other materials on request

BRECOFLEX® TIMING BELT SELF-GUIDING

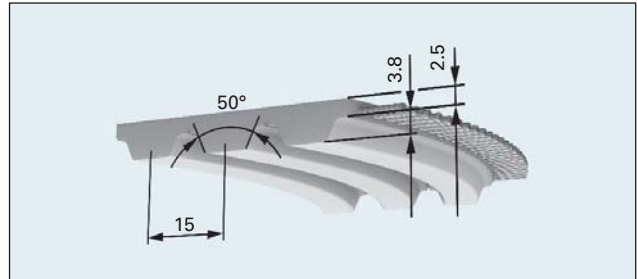


BRECOFLEX® timing belt BAT 15 and BATK 15

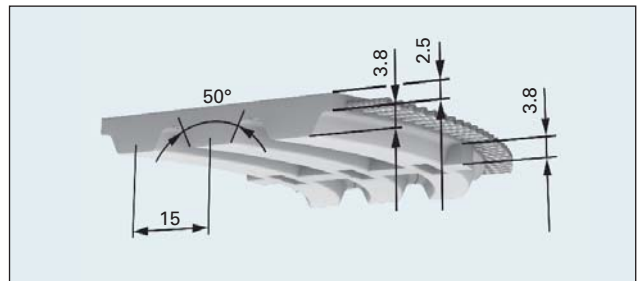
BFX BAT 15/BATK 15	Lengths and designs available for delivery	
Standard lengths	see table	
Length gradation from tooth to tooth	1500 mm to 21990 mm	
Intermediate lengths	beginning at 1500 mm	o
StandardPlus design greater than 21990 mm	1500 mm to 21990 mm on request	
Standard material	TPUST ¹⁾	
Steel reinforcement fibres (tension support) (standard)	x	
E reinforcement fibres (tension support)	o	
VA reinforcement fibres (tension support)	o	
PAZ	x	
DL/DL-PAZ	-	
DR/DR-PAZ	-	
T/T-PAZ	-	

Length mm	Number of teeth	Length mm	Number of teeth	Length mm	Number of teeth
1500	100	2790	186	5595	373
1590	106	3000	200	6000	400
1710	114	3495	233	6300	420
1800	120	3750	250	6705	447
1905	127	4005	267	7095	473
1995	133	4500	300	7500	500
2250	150	4995	333		
2505	167	5295	353		

BAT 15 (Standard)

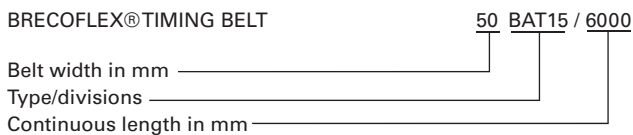


BATK 15 (Standard)



Belt widths b (mm)		
50	75	100

Example of an order



- x available without a minimum purchase amount at standard lengths
- o Inquire as to minimum delivered amount
- not available for delivery
- ¹⁾ other materials on request

BRECO® TIMING BELT METERWARE AT/ATL

Design and properties

The most common output movement of electromechanical drives is the rotary movement. The timing belt is an ideal link in the kinematics for the designer. It converts rotary movements reliably, quickly and directly into linear movement. Travel speed up to 10 m/s and any centre distances are possible.

Small position variance ranges (high repeat accuracy) are often required in conjunction with linear movements, for example in handling technology. We can offer the BRECO®TIMING BELT supply range with the AT and ATL profiles. These polyurethane timing belts are designed and optimised for linear drives. They are distinguished by rigid teeth and high stiffness of the belt spans.

In the case of high loads, the preload of the belt can be slightly reduced by setting the tension member after a short running-in time and make one-time retensioning necessary. No post-elongation of the tension members occurs in continuous operation.

The timing belts are resistant to temperature at ambient temperatures of -30°C to $+80^{\circ}\text{C}$. **Nevertheless, use at the limits of this temperature range ($<-10^{\circ}\text{C}$ and $>+50^{\circ}\text{C}$) possibly requires adapted dimensioning. Ask our application engineer in this case.**

In the case of deviations from the standard, corrections of the permitted load values must be observed.

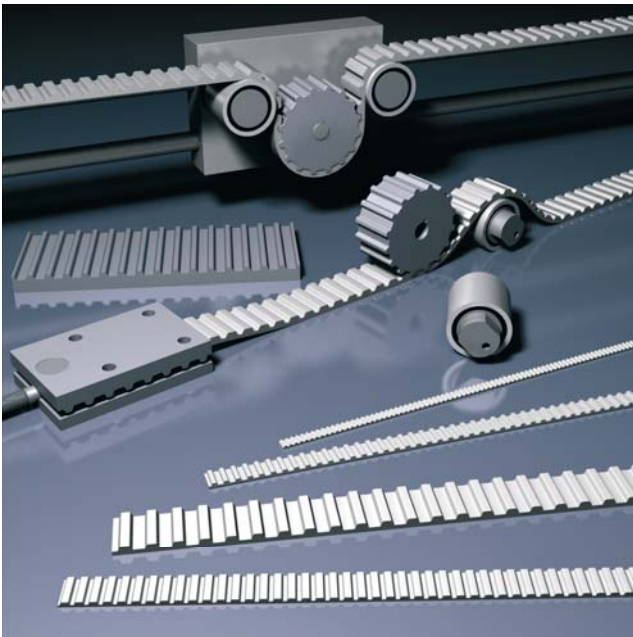
Design

BRECO® AT and ATL TIMING BELTS consist of wear-resistant polyurethane and high strength steel cord tension members. The combination of these two materials provides the basis for the dimensionally true and reliable BRECO®TIMING BELTS. An additional polyamide coating on the tooth side produces a low friction timing belt with high performance.

The BRECO® AT and ATL TIMING BELTS are sold in open length without any length limitation. The steel cord tension members are arranged parallel to the edges. The preferred type of supply is on reels of 50 or 100 metres.

Characteristics

- Interlocking, synchronously running
- High load-bearing capacity, constant length
- High efficiency, up to 98%
- Wear-resistant in continuous operation
- High repeat accuracy positioning in the linear system
- Pitch precision rotary lift conversion
- Low weight, suitable for stepper drives
- Resistant to hydrolysis, secure against ozone and sunlight
- Temperature-resistant from -30°C to $+80^{\circ}\text{C}$, higher for a short time
- Resistant to petrol, simple greases and oils



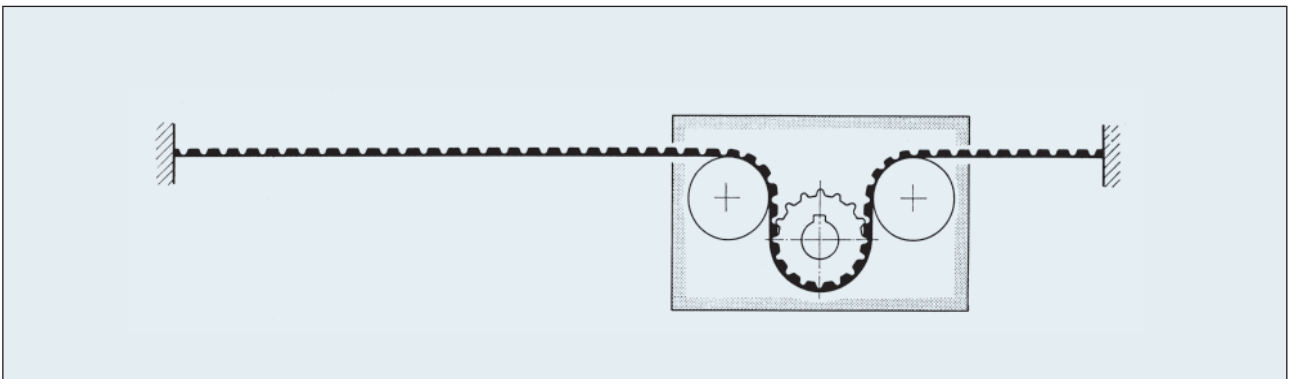
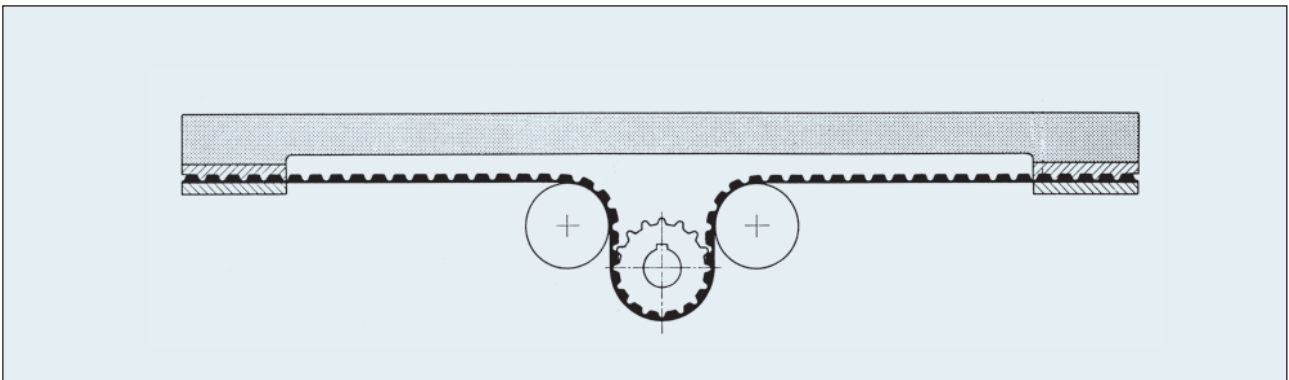
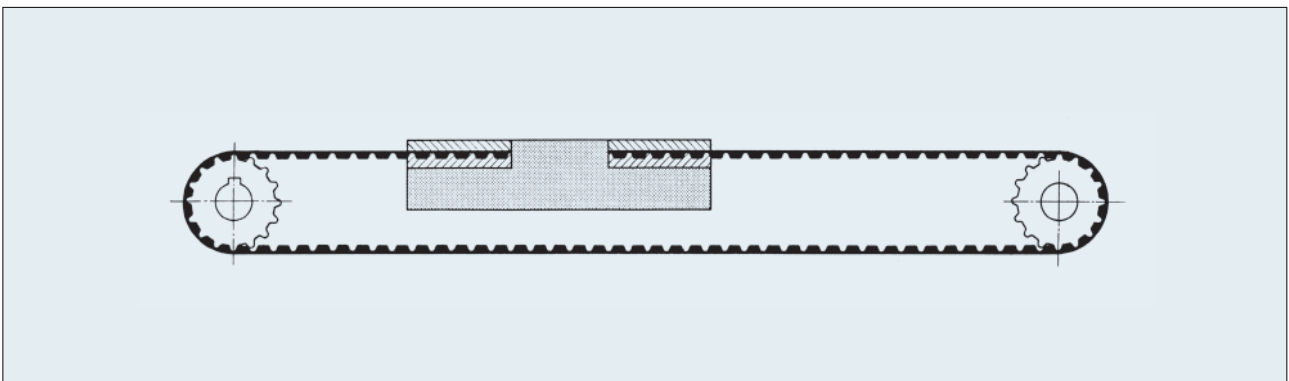
BRECO® TIMING BELT METERWARE AT/ATL



Design features

For all components involved in the movement process, low friction and low intrinsic weight must be aimed for. The ambient construction must be designed to be rigid. BRECO® AT and ATL TIMING BELTS as products sold in open length must usually be clamped onto the linear technology to be moved using clamp connectors (see "Clamp Connectors").

BRECO® AT and ATL TIMING BELTS make a rotary-lift conversion with permanent accuracy possible. Due to the high pitch precision between belt and pulley toothing, even load distribution is produced on the drive pulley on the engaging tooth flanks and thus high performance and high precision. The material pairing of belt and pulley is particularly suitable for changing force directions. The travel distance per pulley revolution is defined with the selection of the pitch and the number of teeth of the drive pulley. There are three basic design versions for linear drives.



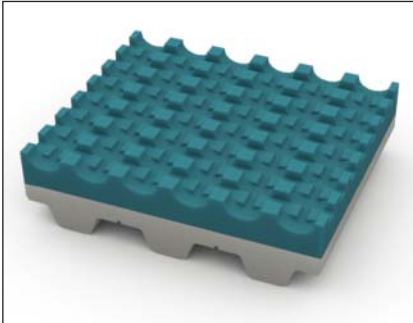
A rigid ambient structure must be ensured.

COATED TIMING BELTS

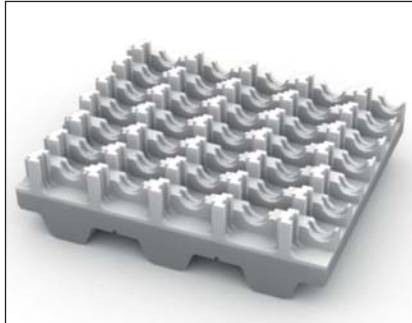
Mechanical treatment

There are different types of coating and mechanical machining depending on the application case.

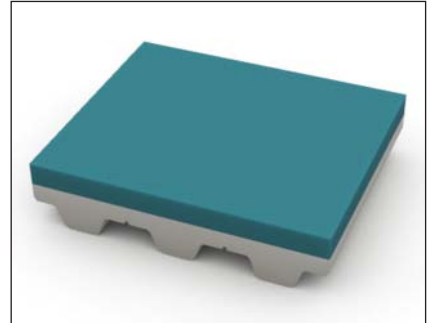
Examples:



Supergrip green/blue



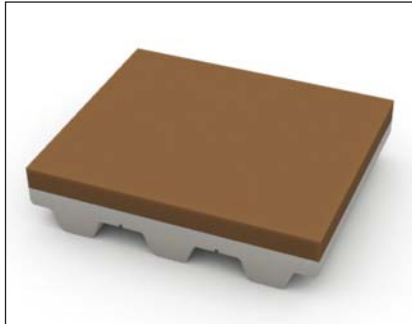
Supergrip white



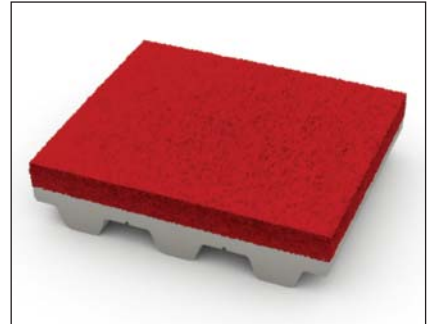
PVC



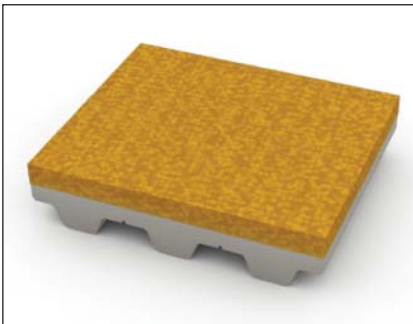
PUR 385



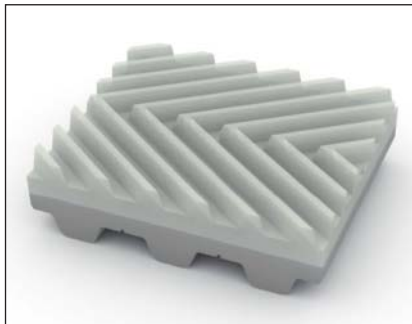
Sylomer



Linatex



Celloflex



Fishbone



**Mechanical treatment
(cross-milled Linatex)**



**Mechanical treatment
(Sylomer blue, slot milled)**

CAM TOOTHED BELT



Cam Toothed Belt

The Timing Belt

The BRECO, BRECOFLEX TIMING BELT is characterised by a high material value. It consists of wear-resistant polyurethane and high strength steel cord tension members.

A polyamide coating on the tooth side gives good gliding properties to the timing belt in support rail operation. The BRECO TIMING BELT is available in unlimited lengths and graded from tooth to tooth.

The Cam

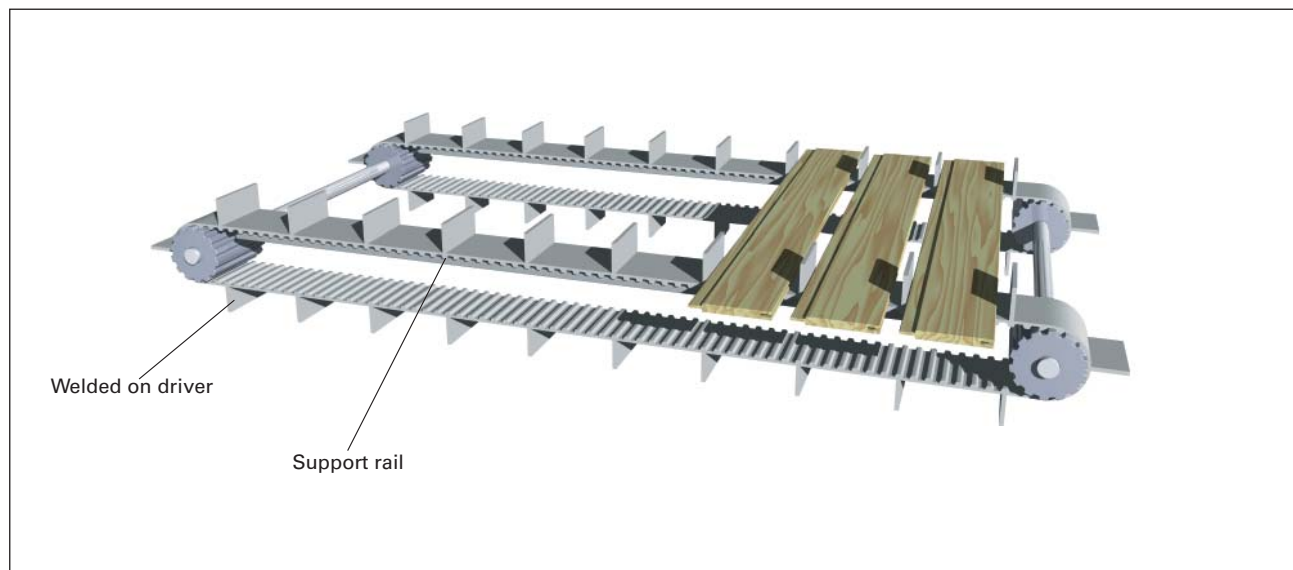
The cam consists of polyurethane, the same high quality material as the timing belt. The selection of standard dimensions for cams is included in the present catalogue.

Other special cams are available. The cam shape can be freely designed in the framework of our production possibilities for transport material and purpose according to customer requirements.

The Cam Belt

Whichever transport purpose the cam toothed belt is used for, the belt back can be populated with any number of welded on cams in any order. The design guidelines according to the "Design Features" must be observed.

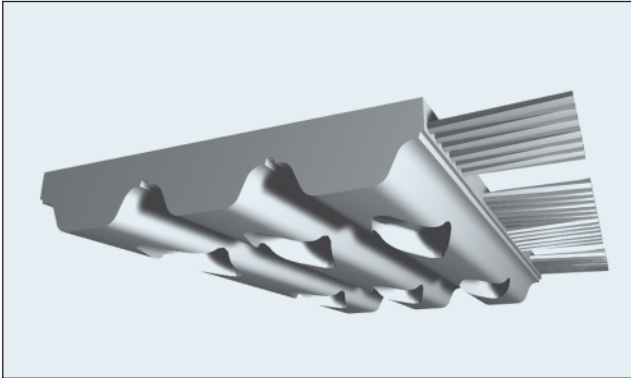
The manufacture of timing belts and cams and the welding to the cam belt are performed on our premises.



ATN SYSTEM

ATN Timing Belt

ATN



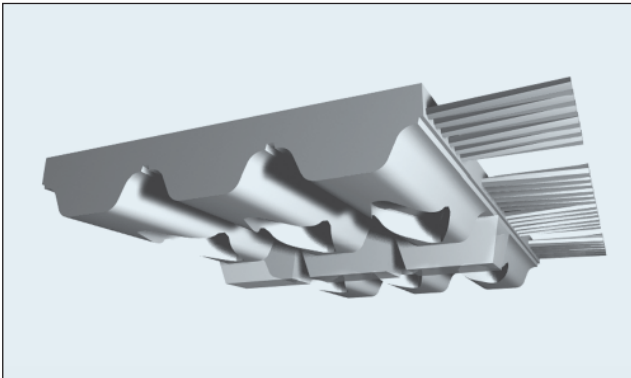
The latest development from BRECO is called ATN. The ATN is specially designed for use in conveying technology. The exchangeable cam attachments located in the belt teeth enable fast mounting and replacement of the cams individually manufactured for the respective conveying purpose.

In comparison with other cam attachments such as welding, this flexibility provides a previously unattainable application range. Using the same timing belt but populated with different cams, different materials can be transported in one conveying system as required.

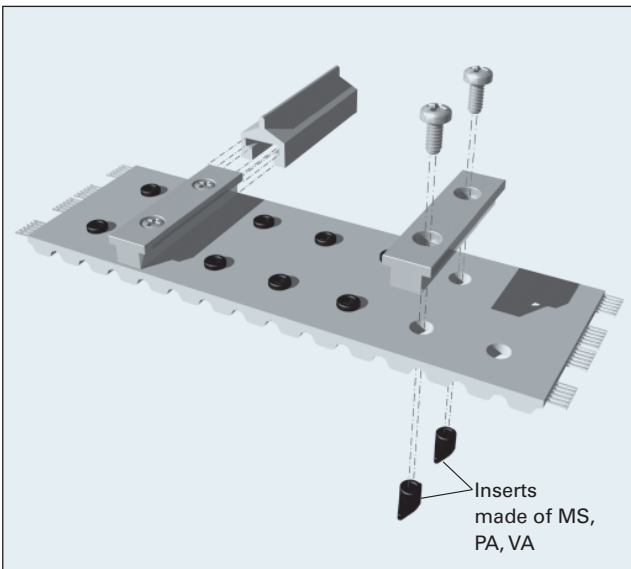
Impressive Benefits

- the belt is part of a modular system, consisting of the ATN timing belt, fastening elements and cams/profiles
- variable cam pitches with high precision
- use of various cam materials possible (plastic, metal, ceramics, ...)
- high shear forces
- faster and easier cam change in the case of change of conveyed material or wear
- no belt removal for cam change
- alternative to the chain with all benefits of the timing belt
- self-adjustment of the cams during assembly
- use of standard belt pulleys
- high optical quality
- various attachment options
- cost benefits for the user:
 - standard belt with high availability and variability
 - short downtimes for cam changes
 - low testing costs due to exchangeability of the cams (prototypes)
 - low spare part and assembly costs

ATN with V-guide, slotted



ATN with cams



ATN Accessories

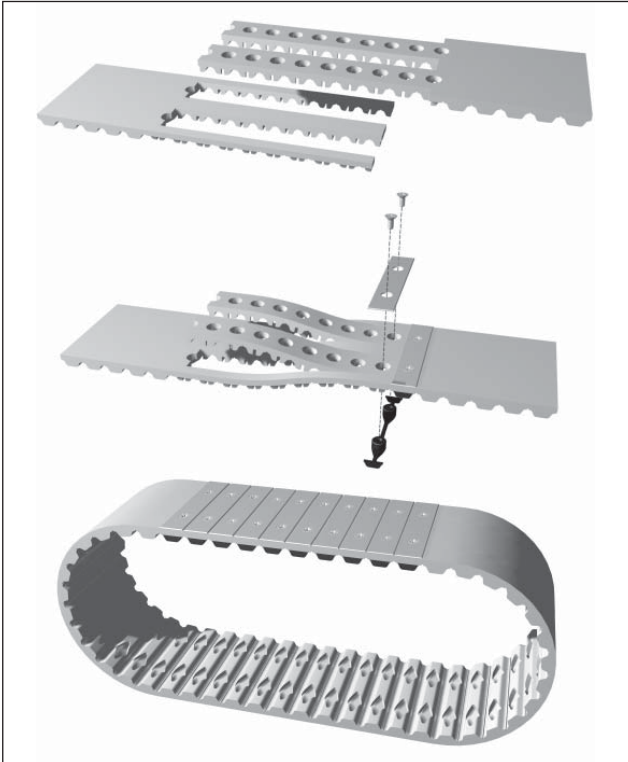


BRECO® ATN TIMING BELT LOCK



ATN timing belt lock

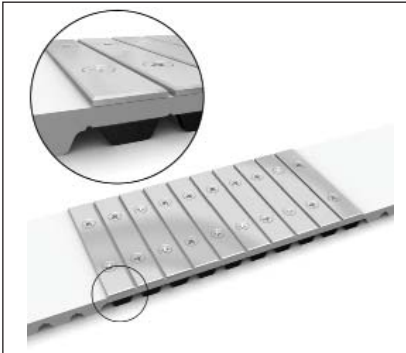
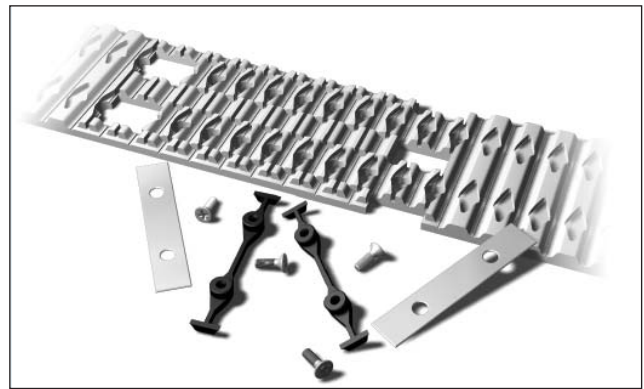
ATN timing belt lock



The timing belt lock specially developed for ATN is a detachable connection which is used where, for design reasons, the ATN timing belt cannot be joined into a continuous belt until after insertion in the conveying system.

Connection elements made of high strength polyamide and plates made of spring band steel guarantee a secure connection of the belt ends. The user can select between two or three different designs depending on the belt type.

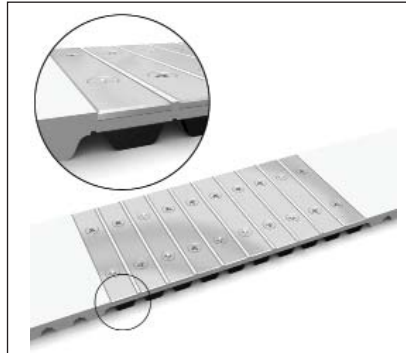
Lock Elements



Design "C"

Description of belt, lock:

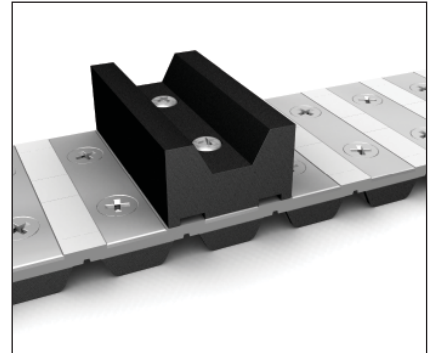
- Overall thickness of ATN timing belt (without guide key): 4.5 mm (Standard)
- Belt teeth prepared for connecting elements
- Lock length = 10 teeth = 9 divisions
- Back plate for screwing to the belt back
- Profile mounting in the lock area not intended



Design "DC"

Description of belt, lock:

- Overall thickness of ATN timing belt (without guide key): 5.4 mm
- Belt teeth and belt back prepared for connection elements and back plate
- Lock length = 10 teeth = 9 divisions
- Back plate in back of belt countersunk
- Profile mounting in the lock area not intended
- Note: Inserts with a higher top or shaft are also required outside the lock area



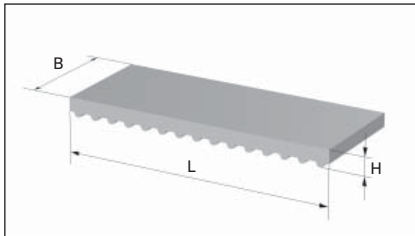
Design "DC-PRO"

Description of belt, lock:

- Overall thickness of ATN timing belt (without guide key): 5.4 mm
- Belt teeth and belt back milled for connection elements and back plate
- Lock length = 10 teeth = 9 divisions
- Back plate in back of belt countersunk
- For mounting profiles in the lock area
- Note: Inserts with a higher top or shaft are also required outside the lock area

CLAMP CONNECTORS

Clamp Connectors



BRECO®-fix clamping elements are used in linear technology. Clamping connectors and tension plates optimally matched to our timing belts are available for many different types of use. Both elements are used for attaching the belt ends to the machine frame or to the unit to be moved.

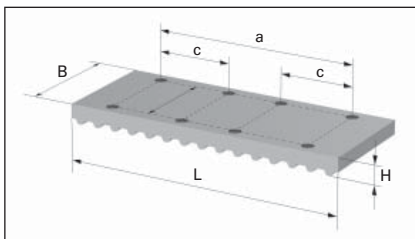
Material: Aluminium

Example order description

Clamp connector 50 x 120 AT5
 Width B _____
 Length L _____
 Type/divisions _____

Item No.	Belt width / Type of belt	Width in mm	Length in mm	Height (H) mm	€/unit
68920	25 T5	50	120	10	
68930	32 T5	60	120	10	
68940	50 T5	75	120	10	
68950	75 T5	110	120	10	
994430	25 T10	50	160	10	
994440	32 T10	60	160	10	
994450	50 T10	75	160	10	
994460	75 T10	110	160	10	
68820	25 AT5	50	120	10	
68830	32 AT5	60	120	10	
68870	50 AT5	75	120	10	
68880	75 AT5	110	120	10	
68990	25 AT10	50	160	10	
69000	32 AT10	60	160	10	
69010	50 AT10	75	160	10	
994400	75 AT10	110	160	10	

Clamp Connectors with Hole



Material: Aluminium

Example order description

Clamp connector 50 x 120 AT5 B
 Width B _____
 Length L _____
 Type/divisions _____
 Design _____

Item No.	Belt width / Type of belt	Width in mm	Length in mm	Height (H) mm	€/unit
414020	25 T5	50	120	10	
414030	32 T5	60	120	10	
414040	50 T5	75	120	10	
414050	75 T5	110	120	10	
414070	25 T10	50	160	10	
414080	32 T10	60	160	10	
414090	50 T10	75	160	10	
4140500	75 T10	110	160	10	
4140300	25 AT5	50	120	10	
4140310	32 AT5	60	120	10	
4140320	50 AT5	75	120	10	
4140330	75 AT5	110	120	10	
4140350	25 AT10	50	160	10	
4140360	32 AT10	60	160	10	
4140370	50 AT10	75	160	10	
4140390	75 AT10	110	160	10	

TENSION PLATES

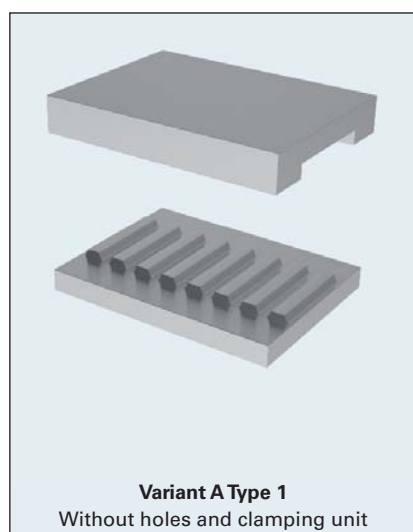


BRECO®-fix clamping elements

The table below provides an overview of the available clamping plate variants with appropriate assignment to the different belt types.

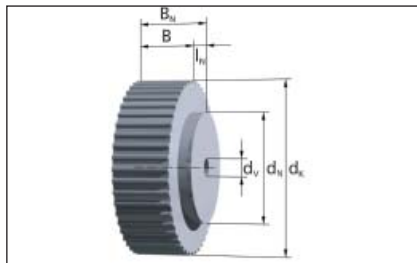
BRECO®-fix tension plates				
Division	Type of belt	Belt width		
		25	32	50
5 mm	T5	Variant A Type 1/2/3	Variant A Type 1/2/3	Variant A Type 1/2/3
	AT5/ATL5	Variant A Type 1/2/3	Variant A Type 1/2/3	Variant A Type 1/2/3
10 mm	T10	Variant A Type 1/2/3	Variant A Type 1/2/3	Variant A Type 1/2/3
	AT10	Variant A Type 1/2/3	Variant A Type 1/2/3	Variant A Type 1/2/3
	BATK10	–	Variant A Type 1/2/3	Variant A Type 1/2/3
	ATL10	Variant A Type 1/2/3	Variant A Type 1/2/3	–

BRECO®-fix tension plate

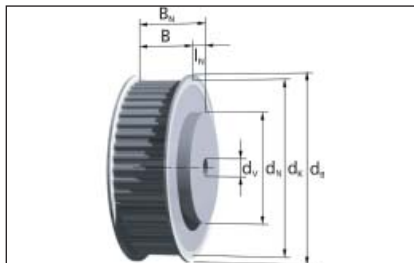


SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley T2 for belt width 6 mm



Bearing pulleys beginning at z = 20 without rim flanges



Bearing pulleys beginning at z = 24 with rim flanges

Example order description:

Synchronising pulley
 Material AL 16 T2/24 - 2 hub 16x6; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$

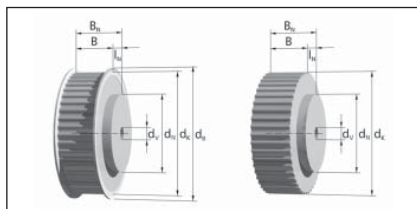
Note on order description:
 dv = pre-bored diameter.

Materials:

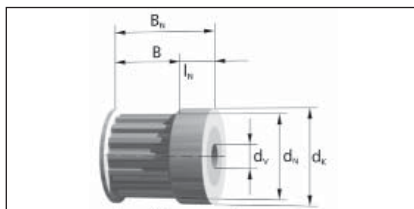
Synchronising pulley: AlCu4MgSi, RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (dnxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
4046110	16	15	-	3 H7			
4046120	16	16	-	3 H7			
4046130	16	20	-	3 H7			
4046140	16	24	10x6	3 H7			
4046150	16	32	14x6	3 H7			
4046160	16	48	20x6	4 H7			

Synchronising pulley T2.5 for belt width 6 mm



Bearing pulleys up to z = 40 with rim flanges



Bearing pulleys up to z = 16 without rim flanges

Bearing pulleys beginning at z = 48 without rim flanges

Example order description:

Synchronising pulley
 Material AL 16 T2.5/30 - 2 hub 16x6; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$

Note on order description:
 dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi, RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (dnxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
77750	16	10	10x6	3 H7			
77760	16	12	12x6	3 H7			
77770	16	14	14x6	3 H7			
77780	16	15	15x6	3 H7			
715940	16	16	16x6	4 H7			
77790	16	18	10x6	4 H7			
77800	16	19	10x6	4 H7			
77810	16	20	12x6	4 H7			
77820	16	24	14x6	4 H7			
77830	16	25	14x6	4 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME



Synchronising pulley T2.5 for belt width 6 mm

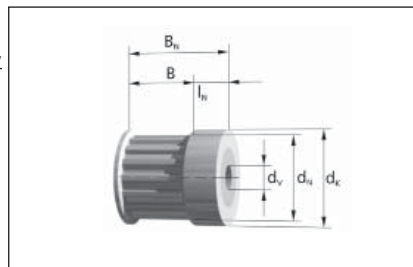
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xI _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
77840	16	30	16x6	6 H7			
77850	16	32	16x6	6 H7			
77860	16	36	20x6	6 H7			
77870	16	40	22x6	6 H7			
77880	16	48	26x6	6 H7			
77890	16	60	34x6	8 H7			

Synchronising pulley T2.5 for belt width 10 mm

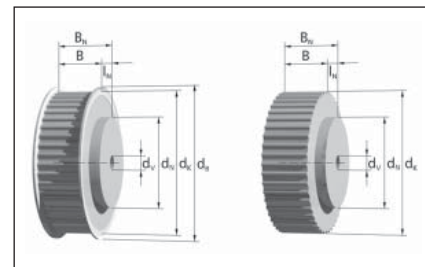
Example order description:

Synchronising pulley

Material AL 20
Total width B_N
Type/divisions T2.5/30
Number of teeth - 2
Number of rim flanges hub
Hub dimensions d_N x I_N 16x6; dv



Bearing pulleys up to
z = 16



Bearing pulleys up to
z = 40 with rim flanges

Note on order description:
dv = pre-bored diameter.

Materials:

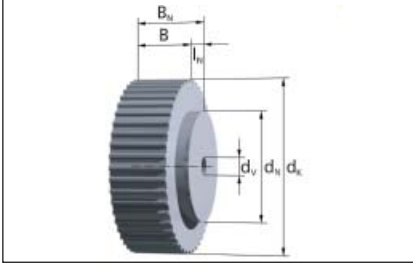
Synchronising pulley: AlCu4MgSi,
RoHS compliant
Rim flange: Steel, galvanised

Bearing pulleys beginning at
z = 48 without rim flanges

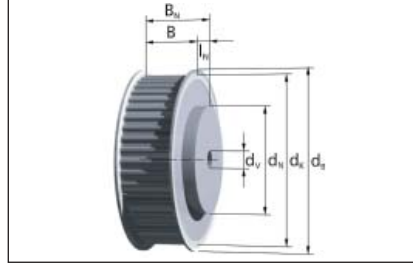
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xI _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
626190	20	10	10x6	3 H7			
626200	20	12	12x6	3 H7			
626210	20	14	14x6	3 H7			
626220	20	15	15x6	3 H7			
626230	20	16	16x6	4 H7			
626240	20	18	10x6	4 H7			
626250	20	19	10x6	4 H7			
626260	20	20	15x6	4 H7			
626270	20	24	14x6	4 H7			
626280	20	25	14x6	4 H7			
626290	20	30	16x6	6 H7			
626300	20	32	16x6	6 H7			
626310	20	36	20x6	6 H7			
626320	20	40	22x6	6 H7			
626330	20	48	26x6	6 H7			
626340	20	60	34x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley T5 for belt width 10 mm



Bearing pulleys beginning at z = 48 without rim flanges



Bearing pulleys up to z = 40 with rim flanges

Example order description:

Synchronising pulley
 Material AL 21T5 / 15 - 2 hub 16x6; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions d_N x l_N

Note on order description:
 dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

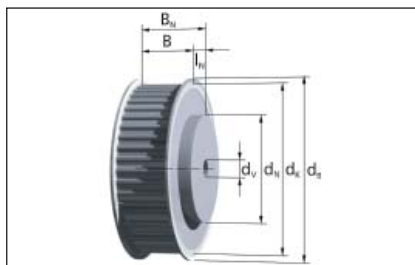
Item No.	Width (B _N) in mm	Number of teeth	Hub (d _N xl _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
77900	21	10	8x6	4 H7			
77910	21	12	12x6	4 H7			
77920	21	14	14x6	6 H7			
77930	21	15	16x6	6 H7			
77940	21	16	18x6	6 H7			
77950	21	18	20x6	6 H7			
77960	21	19	22x6	6 H7			
77970	21	20	24x6	6 H7			
77980	21	24	26x6	6 H7			
77990	21	25	26x6	6 H7			
78000	21	27	30x6	8 H7			
78010	21	30	34x6	8 H7			
78020	21	32	38x6	8 H7			
78030	21	36	38x6	8 H7			
78040	21	40	40x6	8 H7			
78050	21	48	50x6	8 H7			
78060	21	60	65x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

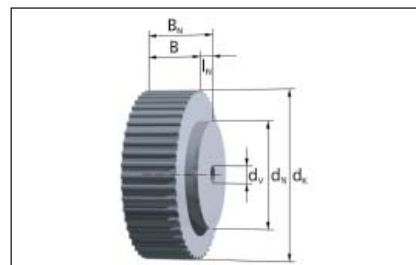
Synchronising pulley T5 for belt width 16 mm

Example order description:

Synchronising pulley AL 27 T5/30 - 2 hub 34x6; dv
 Material
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
 $z = 40$ with rim flanges



Bearing pulleys beginning at
 $z = 48$ without rim flanges

Note on order description:
dv = pre-bored diameter.

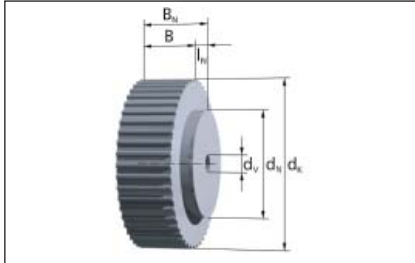
Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

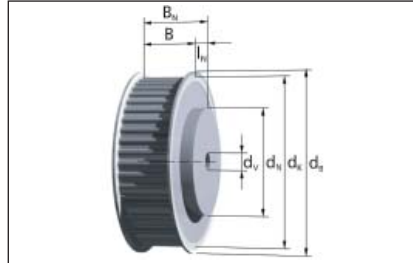
Item No.	Width (BN) in mm	Number of teeth	Hub (dNxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
78070	27	10	8x6	4 H7			
78080	27	12	12x6	4 H7			
78090	27	14	14x6	6 H7			
78100	27	15	16x6	6 H7			
78110	27	16	18x6	6 H7			
78120	27	18	20x6	6 H7			
78130	27	19	22x6	6 H7			
78140	27	20	24x6	6 H7			
78150	27	24	26x6	6 H7			
78160	27	25	26x6	6 H7			
78170	27	27	30x6	8 H7			
78180	27	30	34x6	8 H7			
78190	27	32	38x6	8 H7			
78200	27	36	38x6	8 H7			
78210	27	40	40x6	8 H7			
78220	27	48	50x6	8 H7			
78230	27	60	65x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley T5 for belt width 25 mm



Bearing pulleys beginning at z = 48 without rim flanges



Bearing pulleys up to z = 40 with rim flanges

Example order description:

Synchronising pulley AL 36 T5/36 - 2 hub 38x6; dv
 Material ————
 Total width B_N ————
 Type/divisions ————
 Number of teeth ————
 Number of rim flanges ————
 Hub dimensions d_N x l_N ————

Note on order description:
 dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (dnxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
78240	36	10	8x6	4 H7			
78250	36	12	12x6	4 H7			
78260	36	14	14x6	6 H7			
78270	36	15	16x6	6 H7			
78280	36	16	18x6	6 H7			
78290	36	18	20x6	6 H7			
78300	36	19	22x6	6 H7			
78310	36	20	24x6	6 H7			
78320	36	24	26x6	8 H7			
78330	36	25	26x6	8 H7			
78340	36	27	30x6	8 H7			
78350	36	30	34x6	8 H7			
78360	36	32	38x6	8 H7			
78370	36	36	38x6	8 H7			
78380	36	40	40x6	8 H7			
78390	36	48	50x6	8 H7			
78400	36	60	65x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley T10 for belt width 16 mm

Example order description:

Synchronising pulley

Material AL 31 T 10/30 - 2 hub 60x10; dv

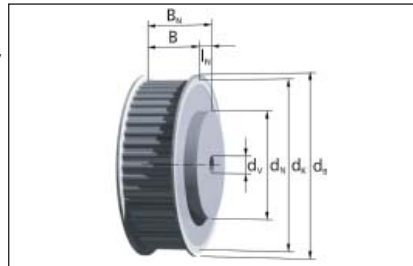
Total width B_N

Type/divisions

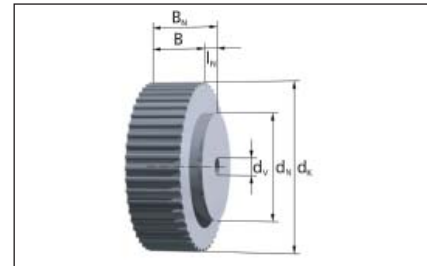
Number of teeth

Number of rim flanges

Hub dimensions $d_N \times l_N$



Bearing pulleys up to
 $z = 40$ with rim flanges



Bearing pulleys beginning at
 $z = 48$ without rim flanges

Note on order description:
dv = pre-bored diameter.

Materials:

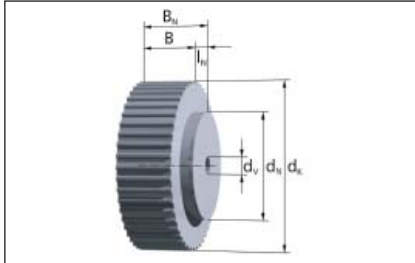
Synchronising pulley: AlCu4MgSi,
RoHS compliant

Rim flange: Steel, galvanised

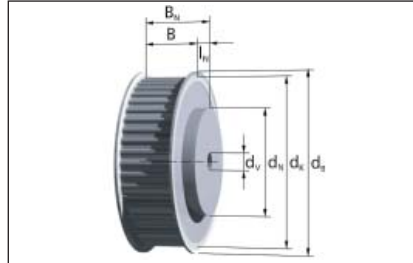
Item No.	Width (BN) in mm	Number of teeth	Hub (dN x lN)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
402520	31	12	28x10	6 H7			
402530	31	14	32x10	8 H7			
402540	31	15	32x10	8 H7			
402550	31	16	35x10	8 H7			
402560	31	18	40x10	10 H7			
402570	31	19	44x10	10 H7			
78540	31	20	46x10	12 H7			
78560	31	24	58x10	12 H7			
402580	31	25	60x10	12 H7			
402720	31	27	60x10	12 H7			
402730	31	30	60x10	12 H7			
402740	31	32	65x10	12 H7			
402750	31	36	70x10	16 H7			
78680	31	40	80x10	16 H7			
78690	31	48	95x10	16 H7			
78700	31	60	110x10	16 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley T10 for belt width 25 mm



Bearing pulleys beginning at z = 48 without rim flanges



Bearing pulleys up to z = 40 with rim flanges

Example order description:

Synchronising pulley
 Material AL 40 T 10/30 - 2 hub 60x10; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions d_N x l_N

Note on order description:
 dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

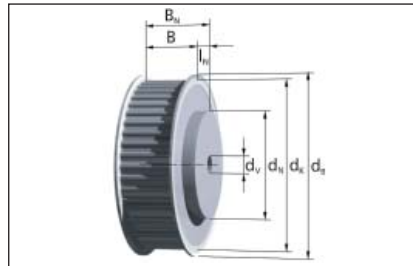
Item No.	Width (B _N) in mm	Number of teeth	Hub (d _N xl _N)	Bore (d _v)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
78420	40	12	28x10	6 H7			
78440	40	14	32x10	8 H7			
402790	40	15	32x10	8 H7			
78480	40	16	35x10	8 H7			
78500	40	18	40x10	10 H7			
78520	40	19	44x10	10 H7			
402800	40	20	46x10	12 H7			
402810	40	24	58x10	12 H7			
404400	40	25	60x10	12 H7			
78600	40	27	60x10	12 H7			
78620	40	30	60x10	12 H7			
402820	40	32	65x10	12 H7			
78660	40	36	70x10	16 H7			
402830	40	40	80x10	16 H7			
78820	40	48	95x10	16 H7			
78840	40	60	110x10	16 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

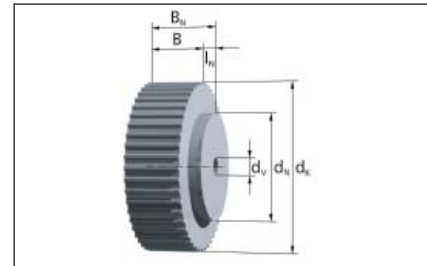
Synchronising pulley T10 for belt width 32 mm

Example order description:

Synchronising pulley AL 50 T 10/30 - 2 hub 60x10; dv
 Material
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
z = 40 with rim flanges



Bearing pulleys beginning at
z = 48 without rim flanges

Note on order description:
dv = pre-bored diameter.

Materials:

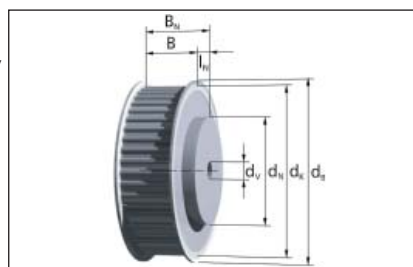
Synchronising pulley: AlCu4MgSi,
RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
626070	50	18	40x10	10 H7			
626080	50	19	44x10	10 H7			
626090	50	20	46x10	12 H7			
626100	50	24	58x10	12 H7			
626110	50	25	60x10	12 H7			
626120	50	27	60x10	12 H7			
626130	50	30	60x10	12 H7			
626140	50	32	65x10	12 H7			
626150	50	36	70x10	16 H7			
626160	50	40	80x10	16 H7			
626170	50	48	95x10	16 H7			
626180	50	60	110x10	16 H7			

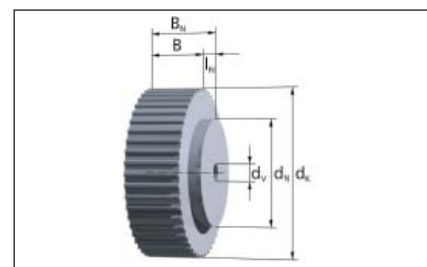
Synchronising pulley T10 for belt width 50 mm

Example order description:

Synchronising pulley AL 66 T 10/20 - 2 hub 46x10; dv
 Material
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
z = 40 with rim flanges



Bearing pulleys beginning at
z = 48 without rim flanges

Note on order description:
dv = pre-bored diameter.

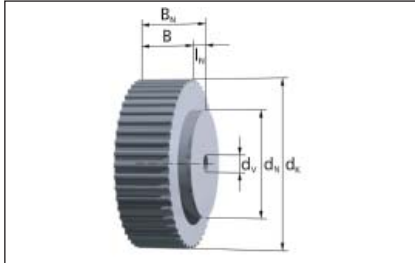
Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant
 Rim flange: Steel, galvanised

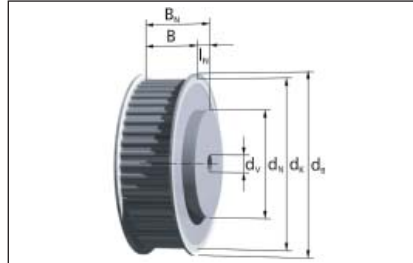
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
78710	66	18	40x10	10 H7			
78720	66	19	44x10	10 H7			
78730	66	20	46x10	12 H7			
78740	66	24	58x10	12 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Continued: Synchronising pulley T10 for belt width 50 mm



Bearing pulleys beginning at z = 48 without rim flanges



Bearing pulleys up to z = 40 with rim flanges

Example order description:

Synchronising pulley AL 66 T10/20 - 2 hub 46x10; dv
 Material
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions d_N x l_N

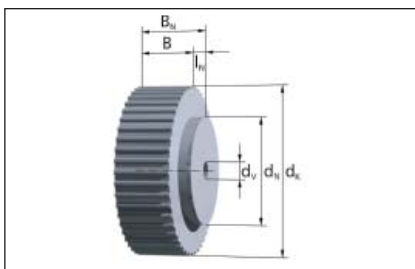
Note on order description:
 dv = pre-bored diameter.

Materials:

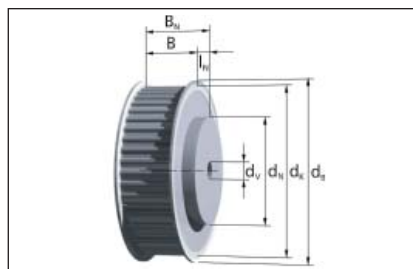
Synchronising pulley: AlCu4MgSi, RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xl _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
78750	66	25	60x10	12 H7			
78760	66	27	60x10	12 H7			
78770	66	30	60x10	12 H7			
78790	66	32	65x10	12 H7			
404240	66	36	70x10	16 H7			
78800	66	40	80x10	16 H7			
402880	66	48	95x10	16 H7			
402890	66	60	110x10	16 H7			

Synchronising pulley AT3 for belt width 6 mm



Bearing pulleys beginning at z = 44 without rim flanges



Bearing pulleys up to z = 40 with rim flanges

Example order description:

Synchronising pulley AL 16 AT3/60 - 0 hub 38x6; dv
 Material
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions d_N x l_N

Note on order description:
 dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi, RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xl _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1132070	16	15	10x6	4 H7			
1132080	16	16	10x6	4 H7			
1132100	16	18	12x6	4 H7			
1132120	16	20	14x6	4 H7			
1132130	16	22	14x6	6 H7			
1132140	16	24	14x6	6 H7			
1132170	16	25	16x6	6 H7			
1132190	16	27	16x6	6 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME



Synchronising pulley AT3 for belt width 6 mm

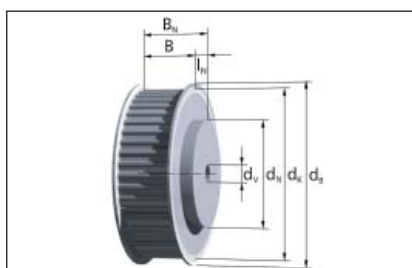
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xI _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1132200	16	30	20x6	6 H7			
1132210	16	32	20x6	6 H7			
1132220	16	36	22x6	6 H7			
1132230	16	40	26x6	6 H7			
1132240	16	44	30x6	6 H7			
1132250	16	45	30x6	6 H7			
1132260	16	48	34x6	6 H7			
1132270	16	60	38x6	6 H7			
1132280	16	72	50x6	6 H7			

Synchronising pulley AT3 for belt width 10 mm

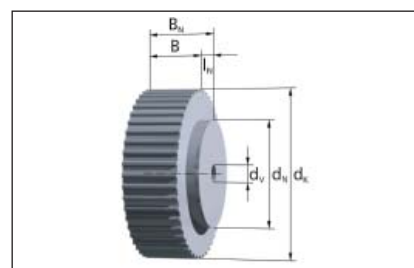
Example order description:

Synchronising
pulley

Material — AL 21
Total width B_N — AT 3 / 60
Type/divisions — 0
Number of teeth — hub
Number of rim flanges — 38x6; dv
Hub dimensions d_N x I_N



Bearing pulleys up to
z = 40 with rim flanges



Bearing pulleys beginning at
z = 44 without rim flanges

Note on order description:
dv = pre-bored diameter.

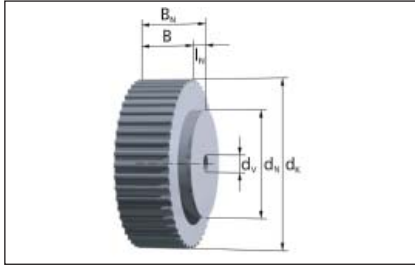
Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant
Rim flange: Steel, galvanised

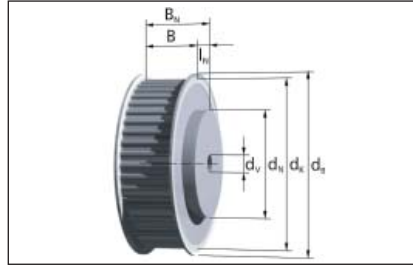
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N xI _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1132310	21	15	10x6	4 H7			
1132320	21	16	10x6	4 H7			
1132330	21	18	12x6	4 H7			
1132340	21	20	14x6	4 H7			
1132350	21	22	14x6	6 H7			
1132360	21	24	14x6	6 H7			
1132370	21	25	16x6	6 H7			
1132380	21	27	16x6	6 H7			
1132390	21	30	20x6	6 H7			
1132400	21	32	20x6	6 H7			
1132410	21	36	22x6	6 H7			
1132420	21	40	26x6	6 H7			
1132430	21	44	30x6	6 H7			
1132440	21	45	30x6	6 H7			
1132450	21	48	34x6	6 H7			
1132460	21	60	38x6	6 H7			
1132470	21	72	50x6	6 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT3 for belt width 16 mm



Bearing pulleys beginning at
z = 44 without rim flanges



Bearing pulleys up to
z = 40 with rim flanges

Example order description:

Synchronising pulley
 Material AL 28 AT3/60 - 0 hub 38x6; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$

Note on order description:
dv = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant
 Rim flange: Steel, galvanised

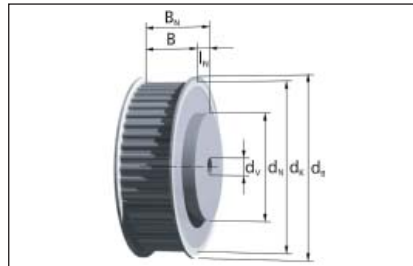
Item No.	Width (BN) in mm	Number of teeth	Hub (dnxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1132790	28	15	10x6	4 H7			
1132800	28	16	10x6	4 H7			
1132810	28	18	12x6	4 H7			
1132820	28	20	14x6	4 H7			
1132830	28	22	14x6	6 H7			
1132840	28	24	14x6	6 H7			
1132850	28	25	16x6	6 H7			
1132860	28	27	16x6	6 H7			
1132870	28	30	20x6	6 H7			
1132880	28	32	20x6	6 H7			
1132890	28	36	22x6	6 H7			
1132900	28	40	26x6	6 H7			
1132910	28	44	30x6	6 H7			
1132920	28	45	30x6	6 H7			
1132930	28	48	34x6	6 H7			
1132940	28	60	38x6	6 H7			
1132950	28	72	50x6	6 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

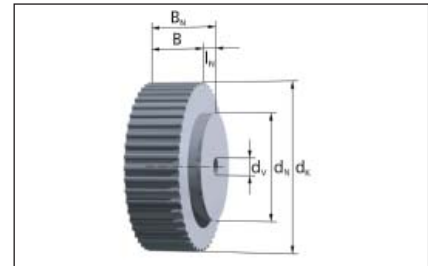
Synchronising pulley AT5 for belt width 10 mm

Example order description:

Synchronising pulley
 Material AL 22 AT5/60 - 0 hub 65x6; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
 $z = 44$ with rim flanges



Bearing pulleys beginning at
 $z = 48$ without rim flanges

Note on order description:
 dv = pre-bored diameter.

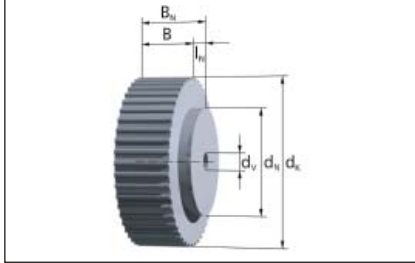
Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

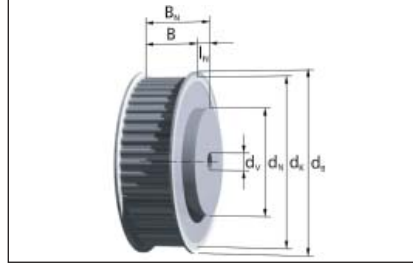
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
986920	22	15	16x6	6 H7			
986930	22	16	18x6	6 H7			
986940	22	18	20x6	6 H7			
986950	22	19	22x6	6 H7			
574820	22	20	24x6	6 H7			
574830	22	22	24x6	6 H7			
574890	22	24	26x6	8 H7			
574900	22	25	26x6	8 H7			
574910	22	27	30x6	8 H7			
574920	22	30	34x6	8 H7			
574930	22	32	38x6	8 H7			
574940	22	36	38x6	8 H7			
575240	22	40	40x6	8 H7			
574880	22	44	50x6	8 H7			
574950	22	48	50x6	8 H7			
574970	22	60	65x6	8 H7			
574870	22	72	80x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT5 for belt width 16 mm



Bearing pulleys beginning at
z = 48 without rim flanges



Bearing pulleys up to
z = 44 with rim flanges

Example order description:

Synchronising pulley

Material — AL 28
 Total width B_N — AT 5 / 60
 Type/divisions — 0 hub 65x6; d_v
 Number of teeth —
 Number of rim flanges —
 Hub dimensions $d_N \times l_N$ —

Note on order description:
 d_v = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (dnxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1014860	28	15	16x6	6 H7			
1014870	28	16	18x6	6 H7			
1014880	28	18	20x6	6 H7			
1014890	28	19	22x6	6 H7			
574860	28	20	24x6	6 H7			
574850	28	22	24x6	6 H7			
574840	28	24	26x6	8 H7			
575410	28	25	26x6	8 H7			
575420	28	27	30x6	8 H7			
575430	28	30	34x6	8 H7			
575440	28	32	38x6	8 H7			
575450	28	36	38x6	8 H7			
575460	28	40	40x6	8 H7			
575470	28	44	50x6	8 H7			
575480	28	48	50x6	8 H7			
575490	28	60	65x6	8 H7			
575500	28	72	80x6	8 H7			

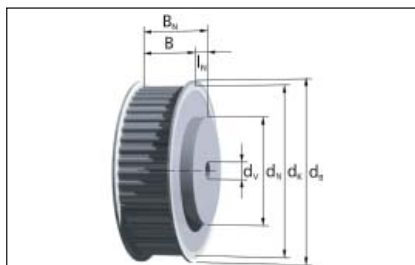
SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT5 for belt width 25 mm

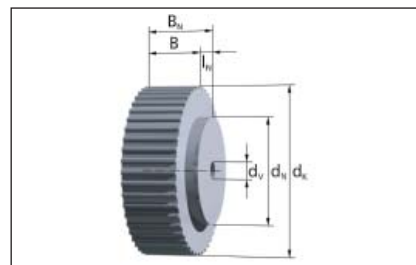
Example order description:

Synchronising pulley

Material — AL 38
 Total width B_N — AT 5/60 - 0 hub
 Type/divisions — 65x6; dv
 Number of teeth —
 Number of rim flanges —
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
z = 44 with rim flanges



Bearing pulleys beginning at
z = 48 without rim flanges

Note on order description:
dv = pre-bored diameter.

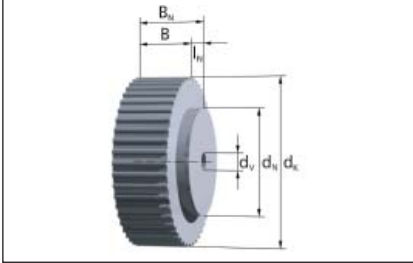
Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant
 Rim flange: Steel, galvanised

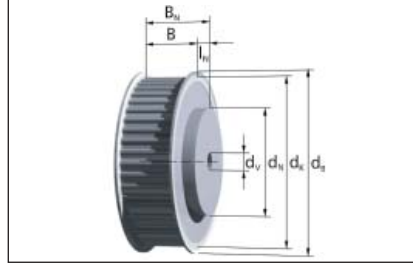
Item No.	Width (BN) in mm	Number of teeth	Hub (dNxln)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1018610	38	15	16x6	6 H7			
1018620	38	16	18x6	6 H7			
1018630	38	18	20x6	6 H7			
1018640	38	19	22x6	6 H7			
346860	38	20	24x6	6 H7			
356860	38	22	24x6	6 H7			
356870	38	24	26x6	8 H7			
356880	38	25	26x6	8 H7			
356890	38	27	30x6	8 H7			
356900	38	30	34x6	8 H7			
356910	38	32	38x6	8 H7			
356920	38	36	38x6	8 H7			
356930	38	40	40x6	8 H7			
356940	38	44	50x6	8 H7			
356950	38	48	50x6	8 H7			
356960	38	60	65x6	8 H7			
356970	38	72	80x6	8 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT5 for belt width 32 mm



Bearing pulleys beginning at
z = 48 without rim flanges



Bearing pulleys up to
z = 44 with rim flanges

Example order description:

Synchronising pulley
 Material — AL 46
 Total width B_N — AT5/60 - 0 hub 65x6; d_v
 Type/divisions —
 Number of teeth —
 Number of rim flanges —
 Hub dimensions $d_N \times l_N$ —

Note on order description:
 d_v = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x _{l_N})	Bore (d _v)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1021010	46	18	20x6	6 H7			
1021020	46	19	22x6	6 H7			
772210	46	20	24x6	6 H7			
772220	46	22	24x6	6 H7			
772230	46	24	26x6	8 H7			
772240	46	25	26x6	8 H7			
772250	46	27	30x6	8 H7			
772260	46	30	34x6	8 H7			
772270	46	32	38x6	8 H7			
772280	46	36	38x6	8 H7			
772290	46	40	40x6	8 H7			
772300	46	44	50x6	8 H7			
772310	46	48	50x6	8 H7			
772320	46	60	65x6	8 H7			
772330	46	72	80x6	8 H7			

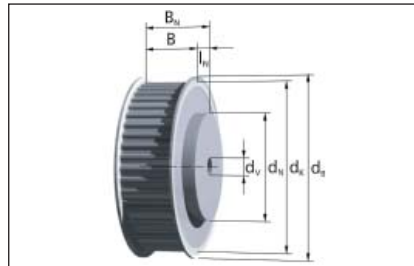
SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT10 for belt width 25 mm

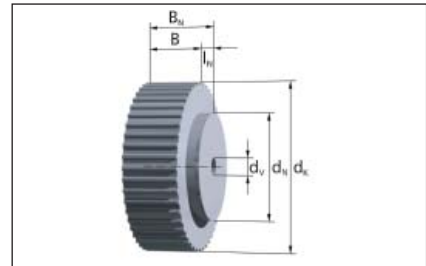
Example order description:

Synchronising pulley
 Material AL 42 AT 10/60-0 hub 10x10; dv

Material ————
 Total width B_N ————
 Type/divisions ————
 Number of teeth ————
 Number of rim flanges ————
 Hub dimensions $d_N \times l_N$ ————



Bearing pulleys up to
 $z = 44$ with rim flanges



Bearing pulleys beginning at
 $z = 48$ without rim flanges

Note on order description:
 dv = pre-bored diameter.

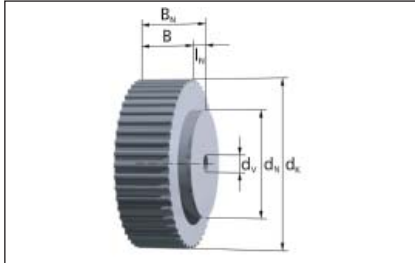
Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

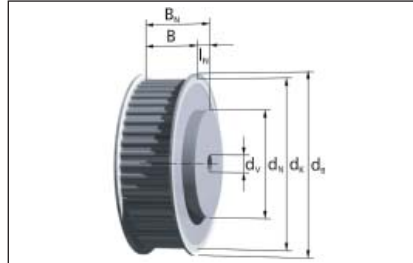
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1021050	42	15	32x10	8 H7			
1021060	42	16	35x10	8 H7			
1021070	42	18	40x10	8 H7			
1021080	42	19	44x10	8 H7			
234400	42	20	46x10	12 H7			
234410	42	22	50x10	12 H7			
234420	42	24	58x10	12 H7			
234430	42	25	60x10	12 H7			
234440	42	27	60x10	12 H7			
234450	42	30	60x10	12 H7			
234460	42	32	65x10	12 H7			
234470	42	36	70x10	16 H7			
234480	42	40	80x10	16 H7			
234490	42	44	90x10	16 H7			
234500	42	48	95x10	16 H7			
234510	42	60	110x10	16 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

Synchronising pulley AT10 for belt width 32 mm



Bearing pulleys beginning at z = 48 without rim flanges



Bearing pulleys up to z = 44 with rim flanges

Example order description:

Synchronising pulley
 Material AL 50
 Total width B_N AT 10/60 - 0 hub 110x10; d_v
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$

Note on order description:
 d_v = pre-bored diameter.

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

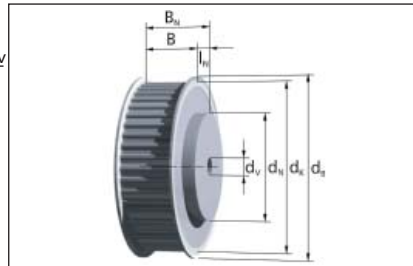
Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (d _v)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1021090	50	18	40x10	8 H7			
1021100	50	19	44x10	8 H7			
234520	50	20	46x10	12 H7			
234530	50	22	50x10	12 H7			
234540	50	24	58x10	12 H7			
234550	50	25	60x10	12 H7			
234560	50	27	60x10	12 H7			
234570	50	30	60x10	12 H7			
234580	50	32	65x10	12 H7			
234590	50	36	70x10	16 H7			
234600	50	40	80x10	16 H7			
234610	50	44	90x10	16 H7			
234620	50	48	95x10	16 H7			
234630	50	60	110x10	16 H7			

SYNCHRONISING PULLEY BEARING PROGRAMME

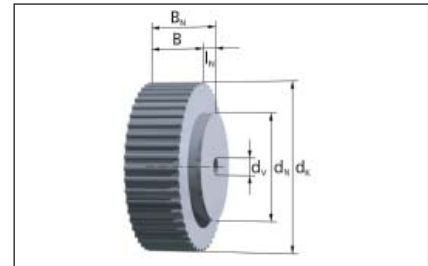
Synchronising pulley AT10 for belt width 50 mm

Example order description:

Synchronising pulley
 Material AL 70 AT 10 / 60 - 0 hub 110x10; dv
 Total width B_N
 Type/divisions
 Number of teeth
 Number of rim flanges
 Hub dimensions $d_N \times l_N$



Bearing pulleys up to
 $z = 44$ with rim flanges



Bearing pulleys beginning at
 $z = 48$ without rim flanges

Note on order description:
 dv = pre-bored diameter.

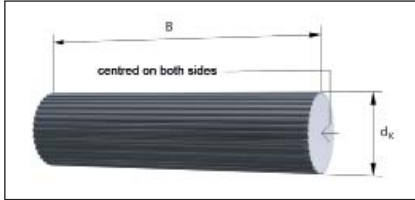
Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant
 Rim flange: Steel, galvanised

Item No.	Width (BN) in mm	Number of teeth	Hub (d _N x l _N)	Bore (dv)	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 25 unit
1021110	70	18	40x10	8 H7			
1021120	70	19	44x10	8 H7			
234790	70	20	46x10	12 H7			
234800	70	22	50x10	12 H7			
234810	70	24	58x10	12 H7			
234820	70	25	60x10	12 H7			
234830	70	27	60x10	12 H7			
234840	70	30	60x10	12 H7			
234850	70	32	65x10	12 H7			
234860	70	36	70x10	16 H7			
234870	70	40	80x10	16 H7			
234880	70	44	90x10	16 H7			
234890	70	48	95x10	16 H7			
234900	70	60	110x10	16 H7			

SYNCHROSHAFTS

Synchroshaft T5



Example of order description for synchronous shaft:

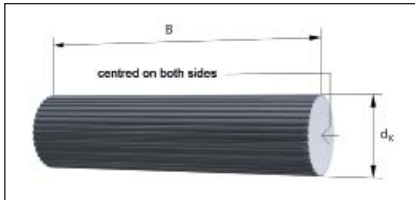
Synchronous shaft _____ SW 180 T 5 / 48
 Width _____
 Type/divisions _____
 Number of teeth _____

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant

Item No.	Width in mm	Number of teeth	€/unit
4022400	150	15	
4022410	150	16	
4022420	180	18	
4383940	180	19	
4022430	180	20	
4383950	180	22	
4022440	180	24	
4022450	180	25	
4022460	180	27	
4022470	180	30	
4022480	180	32	
4022490	180	36	
4022500	180	40	
4383960	180	44	
4022510	180	48	
4022520	180	60	
4383970	180	72	

Synchroshaft T10



Example of order description for synchronous shaft:

Synchronous shaft _____ SW 180 T 10 / 48
 Width _____
 Type/divisions _____
 Number of teeth _____

Materials:

Synchronising pulley: AlCu4MgSi,
 RoHS compliant

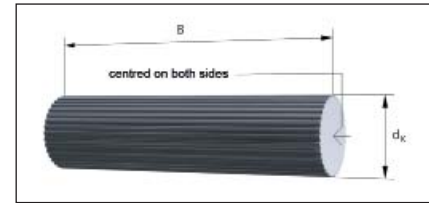
Item No.	Width in mm	Number of teeth	€/unit
4383980	180	15	
4022530	180	16	
4022540	180	18	
4383990	180	19	
4022550	180	20	
4384000	180	22	
4022560	180	24	
4022570	180	25	
4022580	180	27	
4022590	180	30	
4022600	180	32	
4022610	180	36	
4022620	180	40	
4384010	180	44	
4384020	180	48	
4384030	180	60	
4384040	180	72	

SYNCHROSHAFTS



Synchroshaft AT5

Item No.	Width in mm	Number of teeth	€/unit
4384050	150	15	
4022630	150	16	
4022640	150	18	
4384060	150	19	
4022650	180	20	
4384070	180	22	
4022660	180	24	
4022670	180	25	
4022680	180	27	
4022690	180	30	
4022700	180	32	
4384080	180	44	
4022710	180	48	
4022720	180	60	
4384090	180	72	



Example of order description for synchronous shaft:

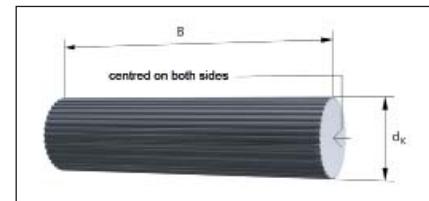
Synchronous shaft SW 180 AT 5/30
 Width _____
 Type/divisions _____
 Number of teeth _____

Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant

Synchroshaft AT10

Item No.	Width in mm	Number of teeth	€/unit
4384100	180	15	
4022730	180	16	
4022740	180	18	
4384110	180	19	
4022750	180	20	
4384120	180	22	
4022760	180	24	
4022780	180	25	
4022790	180	27	
4022800	180	30	
4022810	180	32	
4384130	180	36	
4022820	180	40	
4384140	180	44	
4022830	180	48	
4022840	180	60	
4384150	180	72	



Example of order description for synchronous shaft:

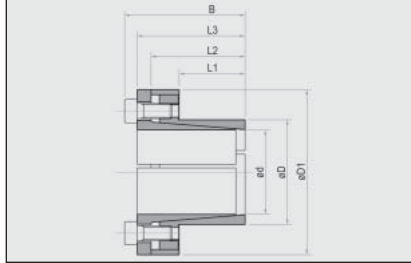
Synchronous shaft SW 180 AT 10/48
 Width _____
 Type/divisions _____
 Number of teeth _____

Materials:

Synchronising pulley: AlCu4MgSi,
RoHS compliant

CLAMPING SETS

Tollok clamping set TLK 110



These pages show only one small excerpt from our delivery programme. One catalogue with all data, we can gladly send you other designs.

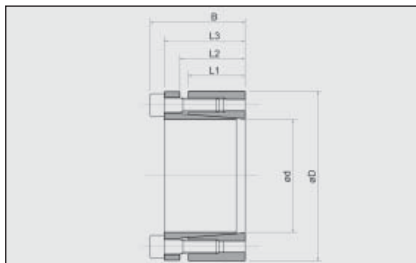
Product area: Self-centring clamping sets

Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4433910	6	14	10	18.5	21	24	25	
4434620	7	15	12	22	25	29	27	
4433940	8	15	12	22	25	29	27	
4434220	9	16	14	23	26	30	28	
4434230	10	16	14	23	26	30	28	
4434240	11	18	14	23	26	30	28	
4434250	12	18	14	23	26	30	28	
4434270	13	23	14	23	26	30	32	
4434280	14	23	14	23	26	30	32	
4434290	15	24	16	29	36	42	45	
4434300	16	24	16	29	36	42	45	
4434260	17	26	18	31	38	44	47	
4434310	18	26	18	31	38	44	47	
4434330	19	27	18	31	38	44	47	
4434340	20	28	18	31	38	44	47	
4434360	22	32	25	38	45	51	54	
4434370	24	34	25	38	45	51	56	
4434380	25	34	25	38	45	51	56	
4434390	28	39	25	38	45	51	61	
4434400	30	41	25	38	45	51	62	
4434410	32	43	25	38	45	51	65	
4434420	35	47	32	45	52	58	69	
4434430	38	50	32	45	52	58	72	
4434440	40	53	32	45	52	58	75	
4434450	42	55	32	45	52	58	78	
4434460	45	59	45	62	70	78	86	
4434470	48	62	45	62	70	78	87	
4434480	50	65	45	62	70	78	92	
4434490	55	71	55	72	80	88	98	
4434500	60	77	55	72	80	88	104	
4434510	65	84	55	72	80	88	111	
4434520	70	90	65	86	96	106	119	
4434530	75	95	65	86	96	106	126	
4434540	80	100	65	86	96	106	131	
4434550	85	106	65	86	96	106	137	
4434560	90	112	65	86	96	106	144	
4434570	95	120	65	86	96	106	149	
4434580	100	125	65	86	96	106	154	
4434590	110	140	90	114	128	140	180	
4434600	120	155	90	114	128	140	198	
4434610	130	165	90	114	128	140	208	

CLAMPING SETS

Tollok clamping set TLK 130

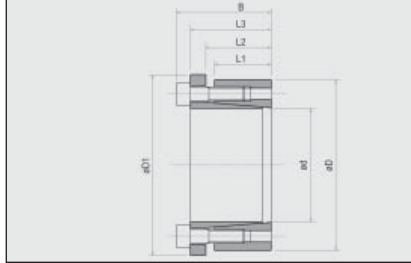
Product area: Self-centring clamping sets



Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4434780	20	47	26	30	41	47	53	
4434790	22	47	26	30	41	47	53	
4434800	24	50	26	30	41	47	56	
4434810	25	50	26	30	41	47	56	
4434820	28	55	26	30	41	47	61	
4434830	30	55	26	30	41	47	61	
4434840	32	60	26	30	41	47	66	
4434850	35	60	26	30	41	47	66	
4434860	38	65	26	30	41	47	71	
4434870	40	65	26	30	41	47	71	
4435810	42	75	30	35	49	57	81	
4435820	45	75	30	35	49	57	81	
4434890	48	80	30	35	49	57	86	
4434900	50	80	30	35	49	57	86	
4434910	55	85	30	35	49	57	91	
4434920	60	90	30	35	49	57	96	
4434930	65	95	30	35	49	57	102	
4435840	70	110	40	45	59	69	117	
4436150	75	115	40	45	59	69	122	
4434940	80	120	40	45	59	69	127	
4434950	85	125	40	45	59	69	132	
4435850	90	130	40	45	59	69	137	
4435860	95	135	40	45	59	69	142	
4435880	100	145	46	52	68	80	153	
4434960	110	155	46	52	68	80	163	
4434970	120	165	46	52	68	80	173	
4435900	130	180	46	52	68	80	188	
4435910	140	190	50	57	76	90	199	
4435920	150	200	50	57	76	90	209	
4435930	160	210	50	57	76	90	219	
4435940	170	225	50	57	76	90	234	
4435960	180	235	50	57	76	90	244	

CLAMPING SETS

Tollok clamping set TLK 131



These pages show only one small excerpt from our delivery programme. One catalogue with all data, we can gladly send you other designs.

Product area: Self-centring clamping sets

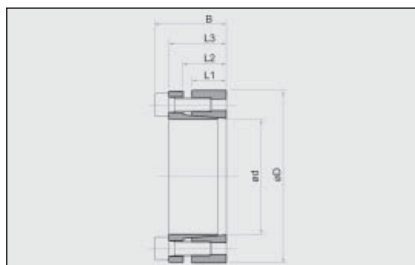
Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4434980	20	47	26	30	41	47	53	
4434990	22	47	26	30	41	47	53	
4435000	24	50	26	30	41	47	56	
4435660	25	50	26	30	41	47	56	
4435020	28	55	26	30	41	47	61	
4435030	30	55	26	30	41	47	61	
4435040	32	60	26	30	41	47	66	
4435050	35	60	26	30	41	47	66	
4435060	38	65	26	30	41	47	71	
4435070	40	65	26	30	41	47	71	
4436010	45	75	30	35	49	57	81	
4435080	48	80	30	35	49	57	86	
4435090	50	80	30	35	49	57	86	
4435100	55	85	30	35	49	57	91	
4435110	60	90	30	35	49	57	96	
4435120	65	95	30	35	49	57	102	
4436020	70	110	40	45	59	69	117	
4436160	75	115	40	45	59	69	122	
4435130	80	120	40	45	59	69	127	
4435140	85	125	40	45	59	69	132	
4436030	90	130	40	45	59	69	137	
4436040	95	135	40	45	59	69	142	
4436050	100	145	46	52	68	80	153	
4435150	110	155	46	52	68	80	163	
4435160	120	165	46	52	68	80	173	
4436060	130	180	46	52	68	80	188	
4436070	140	190	50	57	76	90	199	
4436080	150	200	50	57	76	90	209	
4436090	160	210	50	57	76	90	219	
4436100	170	225	50	57	76	90	234	
4436110	180	235	50	57	76	90	244	

CLAMPING SETS

Tollok clamping set TLK 132

These pages show only one small excerpt from our delivery programme. One catalogue with all data, we can gladly send you other designs.

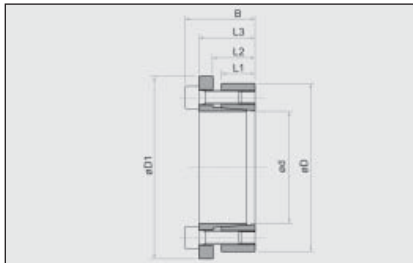
Product area: Self-centring clamping sets



Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4435190	20	47	17	22	28	34	54	
4435200	22	47	17	22	28	34	54	
4435210	24	50	17	22	28	34	57	
4435220	25	50	17	22	28	34	57	
4435230	28	55	17	22	28	34	62	
4435240	30	55	17	22	28	34	62	
4435250	32	60	17	22	28	34	67	
4435260	35	60	17	22	28	34	67	
4435280	38	65	17	22	28	34	72	
4435290	40	65	17	22	28	34	72	
4437100	42	75	20	25	33	41	82	
4437130	45	75	20	25	33	41	82	
4435300	48	80	20	25	33	41	87	
4435310	50	80	20	25	33	41	87	
4435320	55	85	20	25	33	41	92	
4435330	60	90	20	25	33	41	97	
4435340	65	95	20	25	33	41	102	
4437120	70	110	24	30	40	50	117	
4437140	75	115	24	30	40	50	122	
4435350	80	120	24	30	40	50	127	
4435360	85	125	24	30	40	50	132	
4437150	90	130	24	30	40	50	137	
4437160	95	135	24	30	40	50	142	
4437170	100	145	26	32	44	56	152	
4435370	110	155	26	32	44	56	162	
4435380	120	165	26	32	44	56	172	
4437180	130	180	34	40	54	66	187	
4437190	140	190	34	40	54	68	197	
4437200	150	200	34	40	54	68	207	
4437210	160	210	34	40	54	68	217	
4437220	170	225	44	50	64	78	232	
4437230	180	235	44	50	64	78	242	
4437240	190	250	44	50	64	78	257	
4437250	200	260	44	50	64	78	267	

CLAMPING SETS

Tollok clamping set TLK 133



These pages show only one small excerpt from our delivery programme. One catalogue with all data, we can gladly send you other designs.

Product area: Self-centring clamping sets

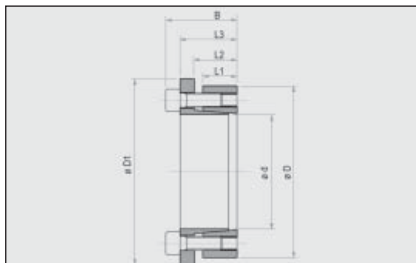
Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4435390	20	47	17	22	28	34	54	
4435400	22	47	17	22	28	34	54	
4435410	24	50	17	22	28	34	57	
4435430	25	50	17	22	28	34	57	
4435440	28	55	17	22	28	34	62	
4435450	30	55	17	22	28	34	62	
4435460	32	60	17	22	28	34	67	
4435470	35	60	17	22	28	34	67	
4435680	38	65	17	22	28	34	72	
4435490	40	65	17	22	28	34	72	
4437270	42	75	20	25	33	41	82	
4437280	45	75	20	25	33	41	82	
4435500	48	80	20	25	33	41	87	
4435510	50	80	20	25	33	41	87	
4435520	55	85	20	25	33	41	92	
4435530	60	90	20	25	33	41	97	
4435540	65	95	20	25	33	41	102	
4437290	70	110	24	30	40	50	117	
4437300	75	115	24	30	40	50	122	
4435550	80	120	24	30	40	50	127	
4435560	85	125	24	30	40	50	132	
4437310	90	130	24	30	40	50	137	
4437320	95	135	24	30	40	50	142	
4437330	100	145	26	32	44	56	152	
4435570	110	155	26	32	44	56	162	
4435590	120	165	26	32	44	56	172	
4437340	130	180	34	40	54	66	187	
4437350	140	190	34	40	54	68	197	
4437360	150	200	34	40	54	68	207	
4437380	160	210	34	40	54	68	217	
4437390	170	225	44	50	64	78	232	
4437400	180	235	44	50	64	78	242	
4437410	190	250	44	50	64	78	257	
4437420	200	260	44	50	64	78	267	

CLAMPING SETS

Tollok clamping set TLK 134

These pages show only one small excerpt from our delivery programme. One catalogue with all data, we can gladly send you other designs.

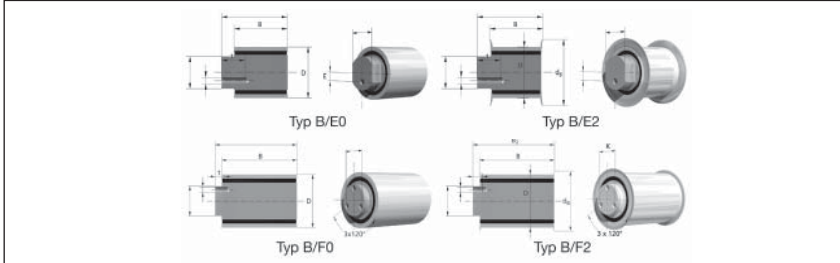
Product area: Self-centring clamping sets



Item No.	Inner diameter d mm	Outer diameter D mm	L1 in mm	L2 in mm	L3 in mm	B in mm	D1 in mm	€/unit
4437450	14	55	17	22	30	38	62	
4437460	15	55	17	22	30	38	62	
4437470	16	55	17	22	30	38	62	
4437480	17	55	17	22	30	38	62	
4437490	18	55	17	22	30	38	62	
4437500	19	55	17	22	30	38	62	
4437510	20	55	17	22	30	38	62	
4437520	22	55	17	22	30	38	62	
4437530	24	55	17	22	30	38	62	
4437540	25	55	17	22	30	38	62	
4437550	28	55	17	22	30	38	62	
4437560	30	55	17	22	30	38	62	
4437580	25	65	17	22	30	38	72	
4437590	28	65	17	22	30	38	72	
4437600	30	65	17	22	30	38	72	
4437610	32	65	17	22	30	38	72	
4437620	35	65	17	22	30	38	72	
4437630	38	65	17	22	30	38	72	
4437640	40	65	17	22	30	38	72	
4437650	30	80	20	25	33	41	87	
4437660	32	80	20	25	33	41	87	
4437670	35	80	20	25	33	41	87	
4437680	38	80	20	25	33	41	87	
4437690	40	80	20	25	33	41	87	
4437700	42	80	20	25	33	41	87	
4437710	45	80	20	25	33	41	87	
4437720	48	80	20	25	33	41	87	
4437730	50	80	20	25	33	41	87	

TENSIONING ROLLERS

Tensioning Roller Type B



Tensioning rollers

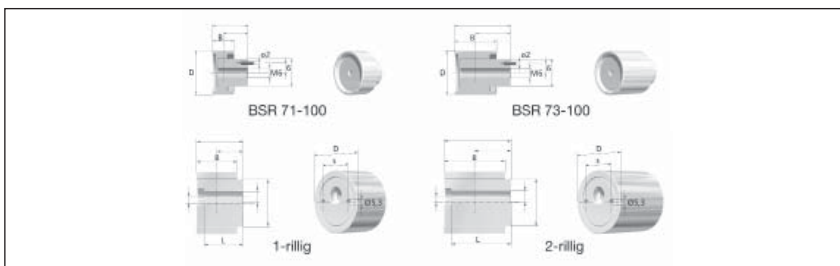
Mulco tensioning rollers B are supported twice on grooved ball bearings. The bearings are lubricated for life. There is no reduction of the grease operating life up to 70°C continuous temperature. Temperatures up to 120°C are permissible for a short time.

Materials:

- Axis: St
- Roller: Al
- Rim flange: Al

Item No.	Type	Width in mm	Diameter mm	for belt width mm	€/unit
1106170	B/E0	34	32	25	
1106180	B/E2	34	32	25	
1106190	B/E0	40	60	32	
1106200	B/E2	40	60	32	
4291820	B/E0	40	80	32	
4383750	B/E2	40	80	32	
4027070	B/E0	64	60	50	
4040230	B/E2	64	60	50	
4383760	B/E0	64	80	50	
4383770	B/E2	64	80	50	
1106210	B/E0	70	120	50	
4383820	B/E2	70	120	50	
4383730	B/F0	114	60	100	
4383740	B/F2	114	60	100	
4383790	B/F0	114	80	100	
4383800	B/F2	114	80	100	
4307360	B/F2	117	120	100	
4383830	B/F0	117	120	100	
1106220	B/F0	117	180	100	
4383810	B/F2	117	180	100	

Tensioning Roller Type M

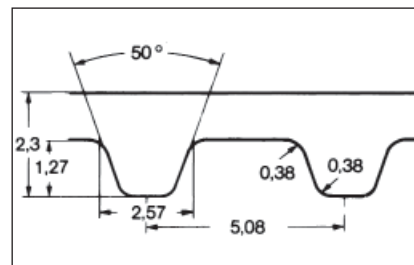


Item No.	Division	Width in mm	Diameter mm	for belt width mm	€/unit
1106100	BSR71-100	14	28	10	
1106120	BSR73-100	27	28	25	
1106140	M	40	60	32	
1106150	M	60	60	50	
1106160	M	60	120	50	
4383710	M	85	180	75	
4383650	M	110	60	100	
4165540	M	110	120	100	
4383720	M	160	180	150	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE



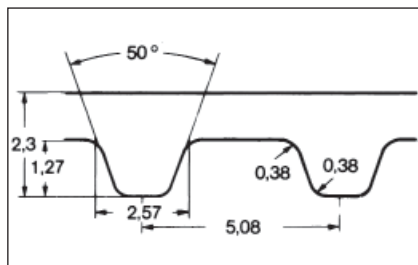
Inch-based flat timing belts XL – division 5.08 mm



Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
395560	6.35	025	152.40	60	
395580	9.53	037	152.40	60	
395590	12.70	050	152.40	60	
395620	6.35	025	177.80	70	
395640	9.53	037	177.80	70	
395650	12.70	050	177.80	70	
395680	6.35	025	203.20	80	
395700	9.53	037	203.20	80	
395710	12.70	050	203.20	80	
395740	6.35	025	228.60	90	
395760	9.53	037	228.60	90	
395770	12.70	050	228.60	90	
395800	6.35	025	254.00	100	
395820	9.53	037	254.00	100	
395830	12.70	050	254.00	100	
620760	6.35	025	259.08	102	
620780	9.53	037	259.08	102	
620790	12.70	050	259.08	102	
395870	6.35	025	279.40	110	
395900	9.53	037	279.40	110	
395910	12.70	050	279.40	110	
395940	6.35	025	304.80	120	
395960	9.53	037	304.80	120	
395970	12.70	050	304.80	120	
396000	6.35	025	330.20	130	
396030	9.53	037	330.20	130	
396040	12.70	050	330.20	130	
396070	6.35	025	355.60	140	
396090	9.53	037	355.60	140	
396100	12.70	050	355.60	140	
396130	6.35	025	381.00	150	
396150	9.53	037	381.00	150	
396160	12.70	050	381.00	150	
396190	6.35	025	406.40	160	
396210	9.53	037	406.40	160	
396220	12.70	050	406.40	160	
396250	6.35	025	431.80	170	
396270	9.53	037	431.80	170	
396280	12.70	050	431.80	170	
396310	6.35	025	457.20	180	
396330	9.53	037	457.20	180	
396340	12.70	050	457.20	180	
396370	6.35	025	482.60	190	
396390	9.53	037	482.60	190	
396400	12.70	050	482.60	190	
396430	6.35	025	508.00	200	
396450	9.53	037	508.00	200	
396460	12.70	050	508.00	200	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

Continued: Inch-based flat timing belts XL – division 5.08 mm

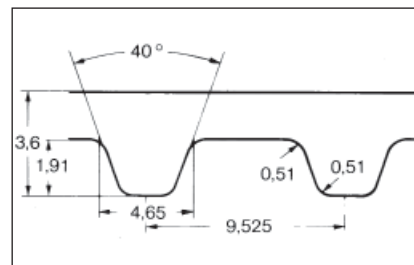


Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
396500	6.35	025	533.40	210	
396520	9.53	037	533.40	210	
396530	12.70	050	533.40	210	
396560	6.35	025	558.80	220	
396580	9.53	037	558.80	220	
396590	12.70	050	558.80	220	
396620	6.35	025	584.20	230	
396640	9.53	037	584.20	230	
396650	12.70	050	584.20	230	
396690	6.35	025	609.60	240	
396710	9.53	037	609.60	240	
396720	12.70	050	609.60	240	
396750	6.35	025	635.00	250	
396770	9.53	037	635.00	250	
396780	12.70	050	635.00	250	
396830	6.35	025	660.40	260	
396850	9.53	037	660.40	260	
396860	12.70	050	660.40	260	
396900	6.35	025	685.80	270	
396920	9.53	037	685.80	270	
396930	12.70	050	685.80	270	
396960	6.35	025	711.20	280	
396980	9.53	037	711.20	280	
396990	12.70	050	711.20	280	
397020	6.35	025	736.60	290	
397040	9.53	037	736.60	290	
397050	12.70	050	736.60	290	
397080	6.35	025	802.64	316	
397100	9.53	037	802.64	316	
397110	12.70	050	802.64	316	
620820	6.35	025	812.80	320	
620840	9.53	037	812.80	320	
620850	12.70	050	812.80	320	
397140	6.35	025	838.20	330	
397160	9.53	037	838.20	330	
397170	12.70	050	838.20	330	
397200	6.35	025	990.60	390	
397220	9.53	037	990.60	390	
397230	12.70	050	990.60	390	
620880	6.35	025	1102.36	434	
620900	9.53	037	1102.36	434	
620910	12.70	050	1102.36	434	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE



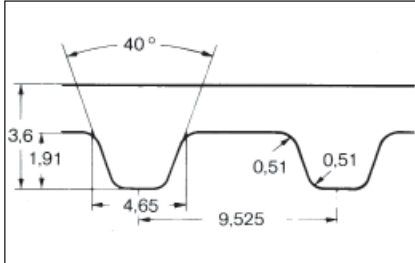
Inch-based flat timing belt L - division 9.525 mm



Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
390750	12.70	050	314.33	124	
390850	19.05	075	314.33	124	
390880	25.40	100	314.33	124	
390980	12.70	050	381.00	150	
391010	19.05	075	381.00	150	
391020	25.40	100	381.00	150	
60011453	9.53	037	476.25	187	
391090	12.70	050	476.25	187	
391100	19.05	075	476.25	187	
391110	25.40	100	476.25	187	
391160	12.70	050	533.40	210	
391170	19.05	075	533.40	210	
391180	25.40	100	533.40	210	
391260	12.70	050	571.50	225	
391280	19.05	075	571.50	225	
391340	25.40	100	571.50	225	
391410	12.70	050	609.60	240	
391440	19.05	075	609.60	240	
391460	25.40	100	609.60	240	
391520	12.70	050	647.70	255	
391550	19.05	075	647.70	255	
391560	25.40	100	647.70	255	
391660	12.70	050	685.80	270	
391670	19.05	075	685.80	270	
391680	25.40	100	685.80	270	
391720	12.70	050	723.90	285	
391730	19.05	075	723.90	285	
391740	25.40	100	723.90	285	
391780	12.70	050	762.00	300	
391790	19.05	075	762.00	300	
391800	25.40	100	762.00	300	
60018802	9.53	037	819.15	322	
391840	12.70	050	819.15	322	
391870	19.05	075	819.15	322	
391880	25.40	100	819.15	322	
60020242	9.53	037	819.15	322	
391960	12.70	050	876.30	345	
391980	19.05	075	876.30	345	
391990	25.40	100	876.30	345	
392040	12.70	050	933.45	367	
392050	19.05	075	933.45	367	
392060	25.40	100	933.45	367	
392610	12.70	050	990.60	390	
392410	19.05	075	990.60	390	
392430	25.40	100	990.60	390	
392560	12.70	050	1066.80	420	
392580	19.05	075	1066.80	420	
392590	25.40	100	1066.80	420	

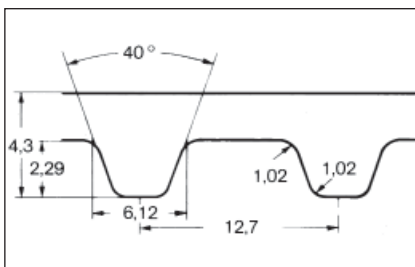
FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

Continued: Inch-based flat timing belt L – division 9.525 mm



Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
392650	12.70	050	1143.00	450	
392660	19.05	075	1143.00	450	
392670	25.40	100	1143.00	450	
392710	12.70	050	1219.20	480	
392720	19.05	075	1219.20	480	
392750	25.40	100	1219.20	480	
392790	12.70	050	1295.40	510	
392800	19.05	075	1295.40	510	
392810	25.40	100	1295.40	510	
60022463	9.53	037	1371.60	540	
392850	12.70	050	1371.60	540	
392860	19.05	075	1371.60	540	
392870	25.40	100	1371.60	540	
392910	12.70	050	1524.00	600	
392920	19.05	075	1524.00	600	
392940	25.40	100	1524.00	600	
60011162	9.53	037	1676.40	660	
393000	12.70	050	1676.40	660	
393010	19.05	075	1676.40	660	
393020	25.40	100	1676.40	660	

Inch-based flat timing belt H – division 12.7 mm



Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
393070	19.05	075	609.60	240	
393090	25.40	100	609.60	240	
393100	38.10	150	609.60	240	
393150	19.05	075	685.80	270	
393160	25.40	100	685.80	270	
393170	38.10	150	685.80	270	
393220	19.05	075	762.00	300	
393230	25.40	100	762.00	300	
393240	38.10	150	762.00	300	
393290	19.05	075	838.20	330	
393300	25.40	100	838.20	330	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

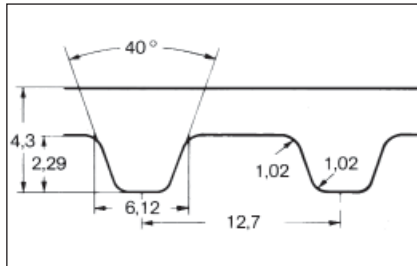


Inch-based flat timing belt H - division 12.7 mm

Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
393310	38.10	150	838.20	330	
393360	19.05	075	914.40	360	
393370	25.40	100	914.40	360	
393380	38.10	150	914.40	360	
393450	19.05	075	990.60	390	
393460	25.40	100	990.60	390	
393470	38.10	150	990.60	390	
393520	19.05	075	1066.80	420	
393530	25.40	100	1066.80	420	
393540	38.10	150	1066.80	420	
393590	19.05	075	1143.00	450	
393600	25.40	100	1143.00	450	
393610	38.10	150	1143.00	450	
393670	19.05	075	1219.20	480	
393680	25.40	100	1219.20	480	
393690	38.10	150	1219.20	480	
393740	19.05	075	1295.40	510	
393750	25.40	100	1295.40	510	
393760	38.10	150	1295.40	510	
393810	19.05	075	1371.60	540	
393820	25.40	100	1371.60	540	
393830	38.10	150	1371.60	540	
393880	19.05	075	1447.80	570	
393890	25.40	100	1447.80	570	
393900	38.10	150	1447.80	570	
393960	19.05	075	1524.00	600	
393970	25.40	100	1524.00	600	
393990	38.10	150	1524.00	600	
394040	19.05	075	1600.20	630	
394050	25.40	100	1600.20	630	
394060	38.10	150	1600.20	630	
394130	19.05	075	1676.40	660	
394140	25.40	100	1676.40	660	
394150	38.10	150	1676.40	660	
394200	19.05	075	1778.00	700	
394210	25.40	100	1778.00	700	
394220	38.10	150	1778.00	700	
394270	19.05	075	1905.00	750	
394280	25.40	100	1905.00	750	
394290	38.10	150	1905.00	750	
394340	19.05	075	2032.00	800	
394350	25.40	100	2032.00	800	
394360	38.10	150	2032.00	800	
394410	19.05	075	2159.00	850	
394420	25.40	100	2159.00	850	
394430	38.10	150	2159.00	850	
394480	19.05	075	2286.00	900	
394490	25.40	100	2286.00	900	
394500	38.10	150	2286.00	900	
394590	19.05	075	2540.00	1000	
394600	25.40	100	2540.00	1000	
394610	38.10	150	2540.00	1000	
394660	19.05	075	2794.00	1100	
394670	25.40	100	2794.00	1100	
394680	38.10	150	2794.00	1100	
394760	19.05	075	3175.00	1250	
394770	25.40	100	3175.00	1250	
394790	38.10	150	3175.00	1250	

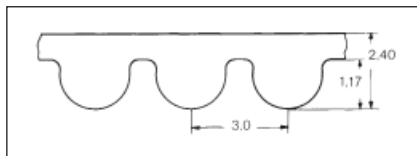
FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

Continued: Inch-based flat timing belt H – division 12.7 mm



Item No.	Width in mm	Width in inches	Length in mm	Length in inches	€/unit
394840	19.05	075	3556.00	1400	
394850	25.40	100	3556.00	1400	
394860	38.10	150	3556.00	1400	
394910	19.05	075	4318.00	1700	
394920	25.40	100	4318.00	1700	
394930	38.10	150	4318.00	1700	

HTD flat timing belt 3M



Item No.	Width in mm	Length in mm	€/unit
401180	6	144	
401190	9	144	
401200	6	150	
401210	9	150	
401220	6	159	
401230	9	159	
401240	6	168	
401250	9	168	
401260	6	177	
401270	9	177	
401280	6	201	
401290	9	201	
401300	6	213	
401310	9	213	
401320	6	225	
401330	9	225	
401340	6	252	
401350	9	252	
401360	6	255	
401370	9	255	
401380	6	267	
401390	9	267	
401400	6	285	
401410	9	285	
401420	6	300	
401430	9	300	
401440	6	312	
401450	9	312	
401460	6	318	
401470	9	318	
401480	6	339	
401490	9	339	
401500	6	363	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

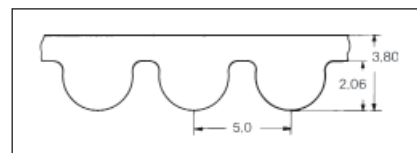


HTD flat timing belt 3M

Item No.	Width in mm	Length in mm	€/unit
401530	9	384	
401540	6	390	
401550	9	390	
401560	6	420	
401570	9	420	
401580	6	447	
401590	9	447	
401600	6	474	
401610	9	474	
401620	6	486	
401630	9	486	
401640	6	501	
401650	9	501	
401660	6	513	
401670	9	513	
401680	6	531	
401690	9	531	
401700	6	564	
401710	9	564	
401720	6	597	
401730	9	597	
401740	6	633	
401750	9	633	
401760	6	669	
401770	9	669	
401780	6	711	
401790	9	711	
401800	6	882	
401810	9	882	
401820	6	945	
401830	9	945	
401840	6	1062	
401850	9	1062	
401860	6	1125	
401870	9	1125	
401880	6	1263	
401890	9	1263	
401900	6	1500	
401910	9	1500	
401920	6	1530	
401930	9	1530	

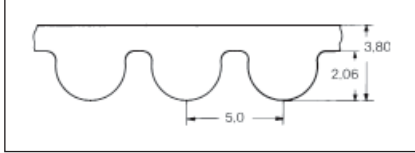
HTD flat timing belt 5M

Item No.	Width in mm	Length in mm	€/unit
400520	9	330	
400530	15	330	
400540	9	350	
400550	15	350	
400560	9	375	
400570	15	375	
940110	9	385	
940120	15	385	
400580	9	400	
400590	15	400	
60025335	5	425	



FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

Continued: HTD flat timing belt 5M



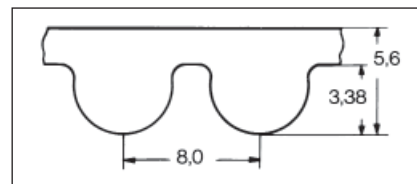
Item No.	Width in mm	Length in mm	€/unit
400600	9	425	
400610	15	425	
400620	9	450	
400630	15	450	
400640	9	500	
400650	15	500	
400660	9	535	
400670	15	535	
400680	9	565	
400690	15	565	
60024817	15	580	
400700	9	600	
400710	15	600	
400720	9	615	
400730	15	615	
400740	9	635	
400750	15	635	
400760	9	665	
400770	15	665	
400780	9	710	
400790	15	710	
400800	9	740	
400810	15	740	
400820	9	800	
400830	15	800	
400840	9	835	
400850	15	835	
400860	9	890	
400870	15	890	
60025304	9	900	
400880	9	925	
400890	15	925	
400900	9	950	
400910	15	950	
400920	9	1000	
400950	15	1000	
400960	9	1050	
400970	15	1050	
400980	9	1125	
400990	15	1125	
401000	9	1270	
401010	15	1270	
401020	9	1420	
401030	15	1420	
401040	9	1595	
401050	15	1595	
401060	9	1790	
401070	15	1790	
401080	9	1800	
401090	15	1800	
401100	9	1870	
401110	15	1870	
401120	9	1895	
401130	15	1895	
401140	9	2000	
401150	15	2000	
401160	9	2525	
401170	15	2525	

FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE



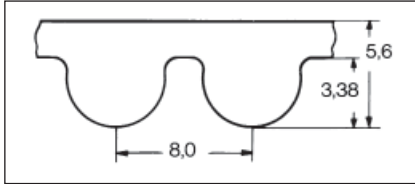
HTD flat timing belt 8M

Item No.	Width in mm	Length in mm	€/unit
398830	20	480	
398840	30	480	
398850	50	480	
398870	20	560	
60010630	25	560	
398880	30	560	
60022492	30	560	
398890	50	560	
398910	20	600	
398920	30	600	
398930	50	600	
60020830	15	640	
398950	20	640	
398960	30	640	
398970	50	640	
4565180	65	640	
398990	20	720	
399000	30	720	
399010	50	720	
4565100	30	760	
4565130	50	760	
399030	20	800	
60006981	25	800	
399040	30	800	
399050	50	800	
60024757	10	880	
399070	20	880	
4565160	25	880	
399080	30	880	
399090	50	880	
4565370	50	936	
399110	20	960	
399120	30	960	
399130	50	960	
4565560	30	976	
936980	20	1000	
936990	30	1000	
937000	50	1000	
399150	20	1040	
60021960	25	1040	
399160	30	1040	
399170	50	1040	
399190	20	1120	
399200	30	1120	
399210	50	1120	
60006820	30	1160	
399230	20	1200	
399240	30	1200	
399250	50	1200	
399270	20	1280	
399280	30	1280	
399290	50	1280	
10072637	30	1328	
4227080	20	1360	
4227090	30	1360	
4227100	50	1360	
399310	20	1440	
399320	30	1440	



FLAT TIMING BELT MADE OF NEOPRENE WITH GLASS CHORD FIBRE

Continued: HTD flat timing belt 8M



Item No.	Width in mm	Length in mm	€/unit
399330	50	1440	
399350	20	1600	
399360	30	1600	
399370	50	1600	
60023055	60	1600	
399390	20	1760	
399400	30	1760	
399410	50	1760	
399430	20	1800	
399440	30	1800	
399450	50	1800	
399470	20	2000	
399480	30	2000	
399490	50	2000	
4565070	30	2272	
399510	20	2400	
399520	30	2400	
399530	50	2400	
399550	20	2800	
399560	30	2800	
399570	50	2800	

OPTIBELT OMEGA HP – TIMING BELT



The High Performance Timing Belt

For extremely loaded, fast-running machine drives

Optibelt flat timing belts have an excellent reputation among experts in the field. They are considered extremely powerful and with a long service life. The "Optibelt Omega" product range particularly represents an unusually high quality standard. This is now supplemented with a high performance flat timing belt; faster, stronger, more compact – the Optibelt Omega HP presents itself as a flat timing belt for the highest requirements.

Advantages:

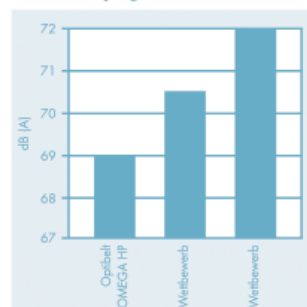
- maximum precision, exact synchronisation
- temperature-resistant from -30°C to $+100^{\circ}\text{C}$
- up to 18 times longer service life in comparison with standard flat timing belts
- very low noise
- low bearing stress
- maintenance-free
- optimised wear behaviour
- reduction of the sizes, thus cost saving
- up to 3.5 times power transmission in comparison with standard version

Preferred application areas

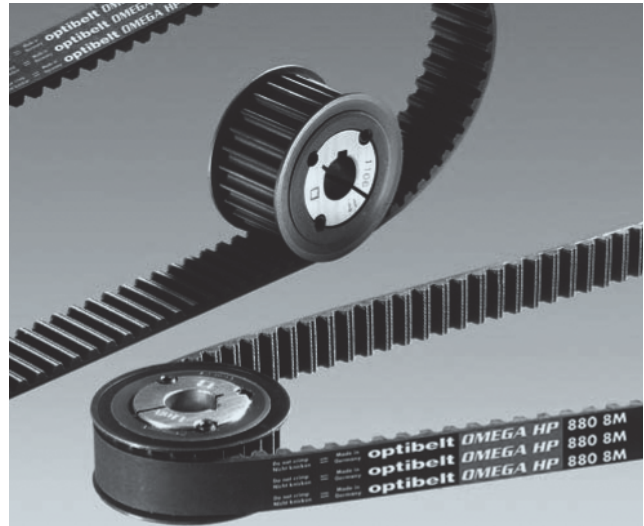
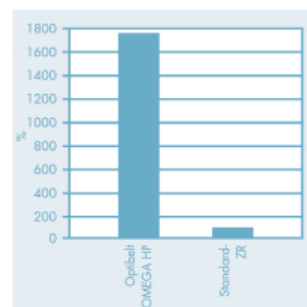
- textile machines
- machine tools
- compressors
- printing machines
- wood processing machines
- paper machines

Power comparison

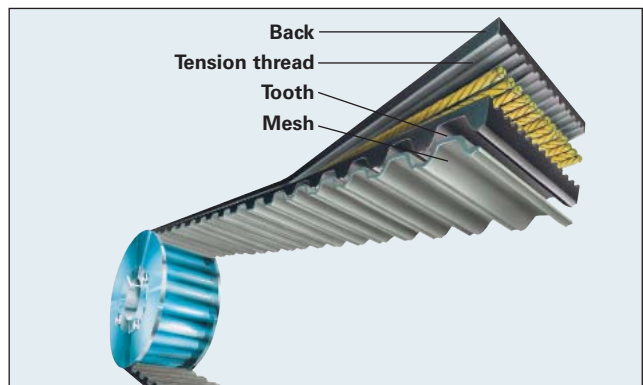
Geräuschpegel



Lebensdauer



Belt Design



Back

A continuous and bendable back protects the tensile members against external influences. Furthermore, the polychloroprene back is resistant to minerals and moisture and protects against wear due to friction.

Tension thread

The tension element consists of reinforced glass fibre tension threads twined in opposite directions arranged in pairs. These tensile members are distinguished by high tensile strength, very good bendability and very small elongation.

Teeth

The teeth consist of a new type of material combination with aramid fibres which guarantee high shear strength. They are shaped and arranged according to the pitch so that they engage exactly with lowest friction in the tooth gaps of the pulleys. The notching in the tooth enables quiet running.

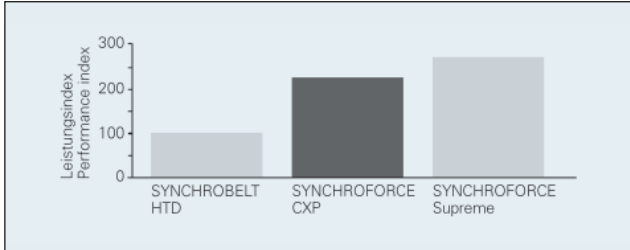
Mesh

The specially developed nylon mesh is impressive due to its unusually low friction coefficient and its low noise behaviour. It also protects the tooth against premature wear and prevents breakouts.

CONTI TIMING BELTS

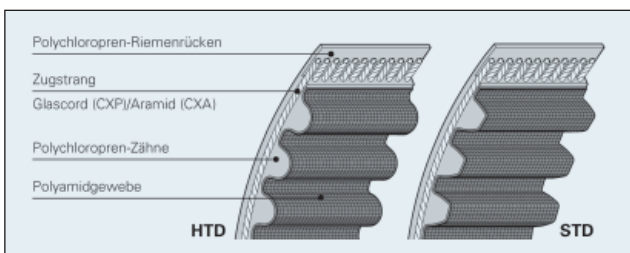


CONTI SYNCHROFORCE®



High performance timing belts

CONTI SYNCHROFORCE® high performance timing belts open up completely new application areas due to their special compounding and with their running characteristics ensure the realisation of long service life and reliable drive solutions with maximum efficiency. In order to optimally cope with the performance requirements of industry, the CONTI SYNCHROFORCE® high performance timing belt is available in two versions; as CXP for high dynamics requirements and high speeds, and as CXA specially for high torques and low belt speeds up to 25 m/s.



Application areas:

CONTI SYNCHROFORCE® high performance timing belts are used everywhere where high performance, high torques or high speeds must be reliably transferred.

CONTI SYNCHROCHAIN®



Timing belts for highest torques

The latest development: CONTI SYNCHROCHAIN® Polyurethane timing belts for original equipment and replacement. In the pitches 8M and 14M, it is the lowest cost alternative for existing drives.

The special CTD profile provides harmonic running-in behaviour, maximum smoothness and skip safety. The timing belt is thus best prepared for many different applications.

CONTI SYNCHROCHAIN® CTD-C8M

Length	640	720	800	896	920	960	1000	1040	1120	1200	1224	1280	1440	1600
Number of teeth	80	90	100	112	115	120	125	130	140	150	153	160	180	200

Length	1760	1792	2000	2240*	2400	2520	2840	3048*	3200	3600	4000	4400	4480*
Number of teeth	220	224	250	280	300	315	355	381	400	450	500	550	560

CONTI SYNCHROCHAIN® CTD-C14M

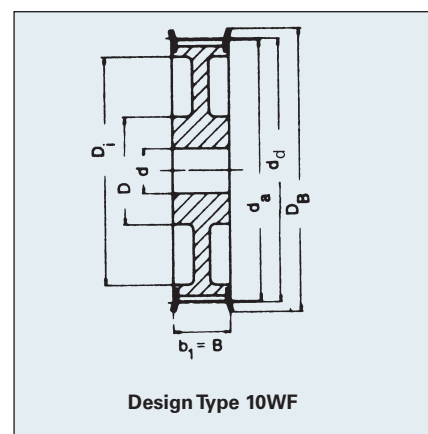
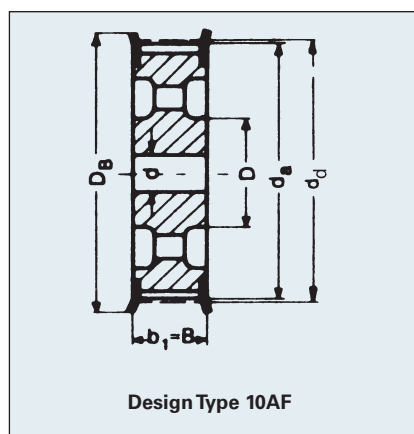
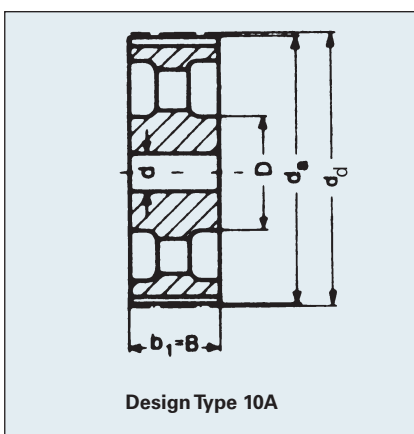
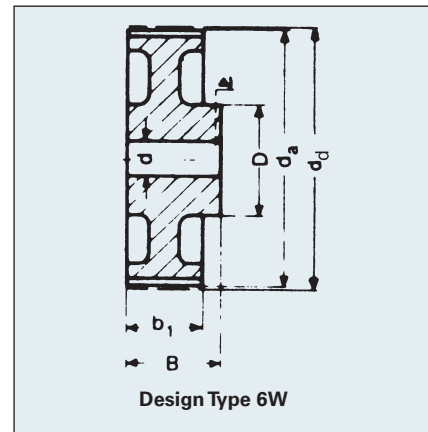
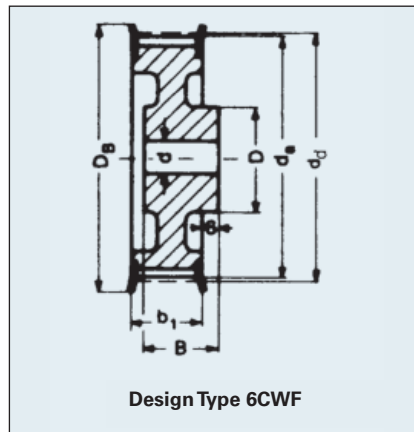
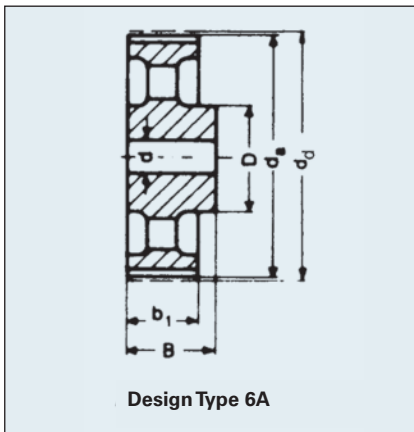
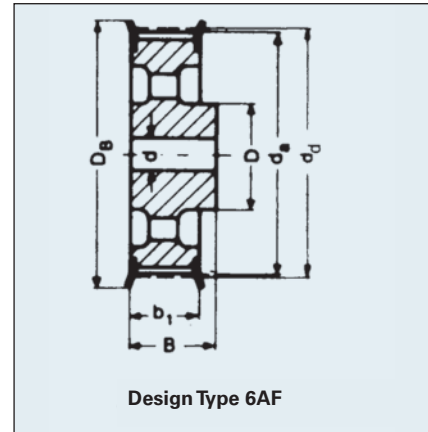
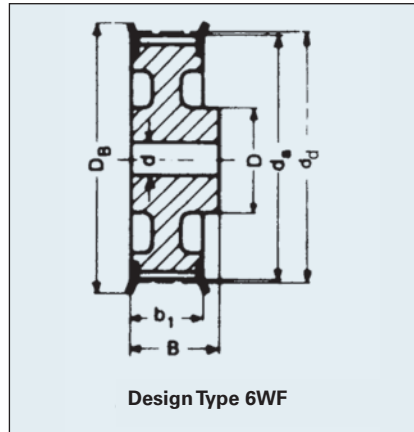
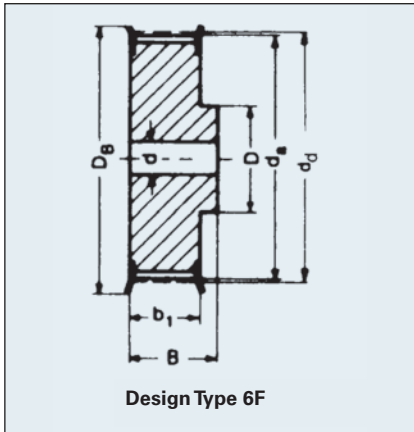
Length	994	1120	1190	1260	1400	1568	1610	1750	1890	1960	2100	2240	2310*	2380
Number of teeth	71	80	85	90	100	112	115	125	135	140	150	160	165	170

Length	2450*	2520	2590*	2660	2800	3136	3304	3360*	3500	3850	3920	4326*	4410*
Number of teeth	175	180	185	190	200	224	236	240	250	275	280	309	315

* Dimensions will be available soon

HTD/INCH TIMING BELT PULLEYS

Overview of standard designs, pre-drilled



MEASURING DEVICES



BRECO® TSM alpha 1



Easy handling, non-contacting optical measurement belt detection on one side, Measurements on all belt types with all tension member types possible, e.g. steel, Kevlar, glass fibre, reliable measurement results with high reproducibility, external sensor for also measuring at difficult to access places, display of the charge status of the battery, optical and acoustic indication of battery replacement

Item No.	Measurement range	€/unit
10075470	Measurement range 5–500 Hz	

Clavis



Item No.	Measurement range	€/unit
723550	Measurement range 30–600 Hz	

SM4



Item No.	Measurement range	€/unit
4329390	Measurement range 7–400 Hz	

Optibelt TT3



Database subdivision according to product groups, comparison with preload recommendations, storage of own datasets, data communication via PC, including software

Item No.	Measurement range	€/unit
4345170	Measuring range 10–600 Hz – battery version	
4345180	Measuring range 10–600 Hz – rechargeable battery version	

MEASURING DEVICES



Optibelt TT mini S – Design with Swan Neck

Display in Hertz, simple and reproducible measurement, small, compact design (mobile telephone size), automatic switch-off function, factory calibration and CE approval

Item No.	Measurement range	€/unit
10023915	Measurement range 10–600 Hz	



Optibelt TT optical

Simple operation, compact dimensions, maximum reliability, high measurement accuracy, no measurement influence from ambient noises, calibrated at the factory and CE approval

Item No.	Measurement range	€/unit
10092136	Measurement range 5–500 Hz	



REIFF CAN DO MORE

With a product range of more than 140,000 standard products, it is impossible to know every product. Antifriction bearings, V-belts, hydraulic hoses or sealing rings – the products are as diverse as the intended applications and application areas themselves.

Explore our diverse product areas and discover the possibilities this catalogue provides.

From the standard product to the special design –
we are true product specialists in the areas of:

DRIVE TECHNOLOGY

FLAT SEALS, RUBBER COMPONENTS AND INSULATORS
RUBBER AND PLASTIC PROFILES

LINEAR TECHNOLOGY

VIBRATION DAMPING ELEMENTS

SEALING ELEMENTS ANTIFRICTION BEARINGS

SEALING TECHNOLOGY

ADHESIVES, SEALANTS AND LUBRICANTS
HYDRAULIC HOSES AND FITTINGS

HOSE TECHNOLOGY

INDUSTRIAL HOSES AND FITTINGS

V-BELTS, FLAT BELTS, CONVEYOR BELTS

PROFILE TECHNOLOGY

PLASTICS

HYDRAULIC / PNEUMATIC SEALS

TIMING BELTS AND PULLEYS

If required, we are also pleased to
assemble different product elements into
individual assemblies.

