



MATERIAL HANDLING COMPACT CATALOGUE



A man with glasses, wearing a light blue dress shirt, a dark tie, and jeans with a black belt, stands in a construction site. He is smiling and has his hands in his pockets. The background shows the steel framework of a building under construction.

“A matter of trust.”

Paul, 46, construction foreman

POLYURETHANE TIMING BELTS

Polyurethane timing belts are convincing due to their impressive product features.

They set standards regarding strength, elongation and wear.

The thermal and chemical capacity is exceptional.

It is good to know that these benefits are combined with competent technical service.

FIRST CLASS PRODUCTS FOR FLEXIBLE DRIVE SOLUTIONS AND CONVEYANCE CHALLENGES

Optibelt is capable of implementing even the most challenging requirements cost-effectively.

Professionalism you can also benefit from.

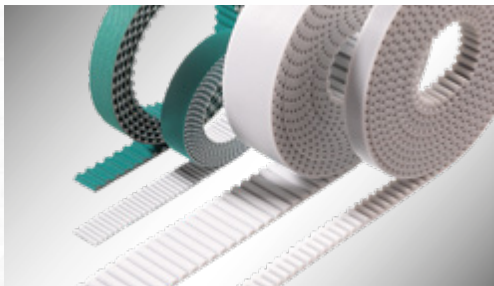




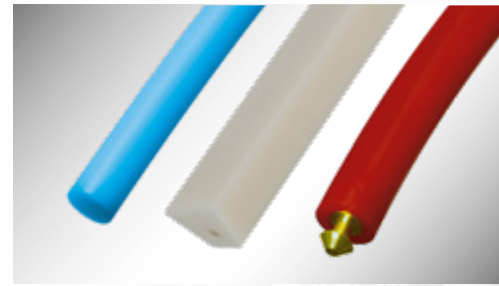
POWER TRANSMISSION DRIVES 5



MECHANICAL BELT JOINTS 30



LINEAR DRIVES 9



optibelt RR / KK / HRR 32

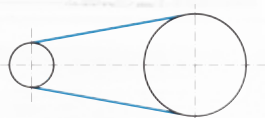


CONVEYOR DRIVES 11



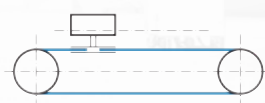
TIMING BELT PULLEYS 38

POWER TRANSMISSION DRIVES



ALPHA POWER
ALPHA TORQUE
ALPHA FLEX
endless

LINEAR DRIVES



ALPHA LINEAR
open-ended

CONVEYOR DRIVES



ALPHA V
ALPHA SPECIAL
ALPHA SRP
endless welded/endless

APPLICATION EXAMPLES

- Machine tools
- Textile machines
- Printing machines
- Packaging machines
- Office equipment
- Medical appliances
- Robots
- Handling devices

- Positioning drives
- Lifting drives
- Handling devices
- Door and gate opening drives
- Washing bays
- Plotters
- Packaging machines
- Gantry robots

- Parallel conveyors
- Synchronous conveyors
- Inclined conveyors
- Accumulating conveyors
- Vacuum conveyors
- Take-up and transfer units
- Separators
- Workpiece positioners

optibelt ALPHA – BELT PRODUCT RANGE

PRODUCT GROUPS				
	ALPHA TORQUE ALPHA POWER ALPHA SRP	ALPHA FLEX	ALPHA LINEAR	ALPHA V
	Cast, endless	Extruded, endless	Extruded, open-ended	Welded, endless
BASIC PROFILES	PROFILES			
Profile, imperial	MXL, XL, L (ALPHA TORQUE)	H	XL, L, H, XH	XL, L, H, XH
Profile T	T2.5, T5, T10, T20, DT5, DT10	T5, T10, T20 DT5, DT10	T5, T10, T20, DT5, DT10	T5, T10, T20, TT5, DT5, DT10
Profile TK, wedge			T5K6, T10K6, T10K13	T5K6, T10K6, T10K13
Profile AT	AT5, AT10	AT5, AT10, AT20, DAT5, DAT10	AT5, AT10, AT20, DAT5, DAT10	AT5, AT10, AT20, DAT5, DAT10
Profile ATK, wedge		AT5K6, AT10K13	AT5K6, AT10K6, AT10K13	AT5K6, AT10K6, AT10K13
Profile ATL			ATL5, ATL10, ATL20	
Profile ATC, cleat				ATC10, ATC20
Profile HTD		5M, 8M, 14M, D5M, D8M	5M, 8M, 14M, 8ML, 14ML, 14MLP	5M, 8M, 14M, D5M, D8M
Profil STD			S8M	
Profile F, flat belts			F2, F2.5, F3, F4.5, FL3	F2, F2.5, F3, F4.5
Standard tension cord ¹	Steel	Steel	Steel XL, L, 5M, 8ML, 14M, 14ML, 14MLP, AT5, AT20, ATL5, ATL10, ATL20, F2/F2.5/F3 groove free, F2.5, F3, FL3, F4.5 Steel, highly flexible excluding: T5, T20, AT20, 5M, 14M, H Stainless steel excluding: T5, AT5, 14M, H Reinforced tension cord: AT20 HP – Steel only AT5 HP – Steel, steel highly flexible, stainless steel	
Special tension cords	Aramid Steel, highly flexible Stainless steel Polyester, Vectran	On request	On request	
Optionally without coiling sleeve	–	–	Profile T10, F2, F2.5, F3 available without sleeve nose + ²	

¹ ... and without the corresponding profiles TK, ATK² other profiles on request

POWER TRANSMISSION DRIVES

Ideal dynamic power transmission is now possible with high tensile, low vibration, no-maintenance drive belts that are masters of the art of optimal performance.

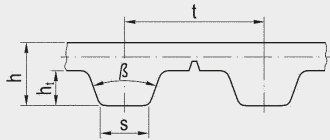
This is where PU timing belts **optibelt ALPHA TORQUE**, **optibelt ALPHA POWER** and **optibelt ALPHA FLEX** come into their own.

These high performance cast hard polyurethane belts stand out with their high tensile strength and abrasion resistance, their extreme ozone and UV resistance, and their exceptional resistance to oils and greases. This impressive reliability enables them to achieve slip-free synchronous power transmission of up to several hundred kilowatts.

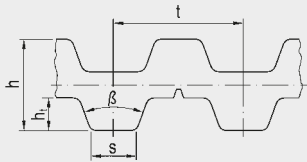
optibelt ALPHA TORQUE

– FOR POWER TRANSMISSION DRIVES

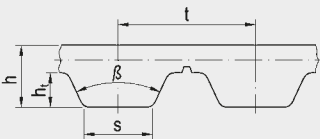
PROFILES



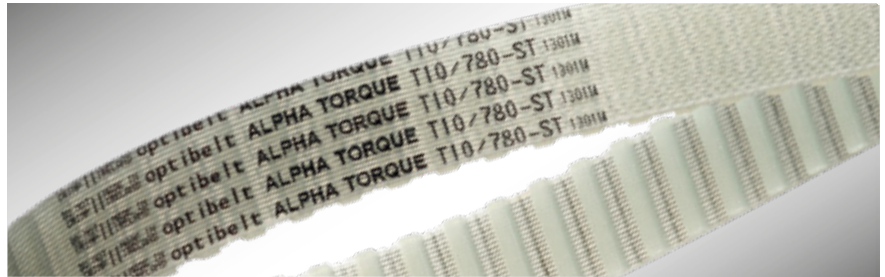
MXL, XL, L, T2.5, T5, T10, T20



DT2.5, DT5, DT10

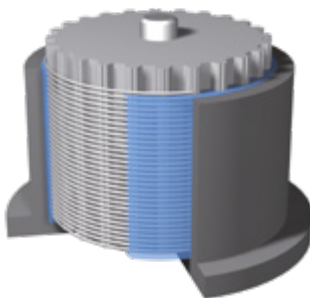


AT3, AT5, AT10



ENDLESS, CAST optibelt ALPHA TORQUE POLYURETHANE TIMING BELTS HAVE THE FOLLOWING FEATURES:

- Useful sleeve widths of up to 380 mm
- Belt lengths up to 2250 mm
- Unlimited choice of colours on request
- Position of tolerance field variable, e.g. for fixed drive centre distances
- Available single-toothed profiles: AT3, AT5, AT10, T2.5, T5, T10, T20, MXL, XL, L
- Double-toothed version available for profiles DT2.5, DT5, DT10
- Tension cords: steel, highly flexible steel, stainless steel, aramid, polyester, Vectran



Casting process for
optibelt ALPHA POWER,
optibelt ALPHA TORQUE
timing belts

optibelt ALPHA POWER

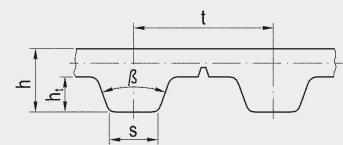
– FOR HIGH PERFORMANCE POWER TRANSMISSION DRIVES



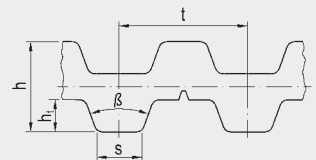
ENDLESS, CAST optibelt ALPHA POWER POLYURETHANE TIMING BELTS HAVE THE FOLLOWING FEATURES:

- Improved mechanical properties in optibelt ALPHA POWER
- Up to 30% higher power transfer
- Available with single-toothed profiles: AT3, AT5, AT10, T2.5, T5, T10, T20
- Double-toothed version available for profiles DT2.5, DT5, DT10
- Very accurate pitch and low tolerances
- Strong attachment of polyurethane to tension cord
- Position of tolerance field variable, e.g. for fixed drive centre distances
- Tension cords: steel, highly flexible steel, stainless steel

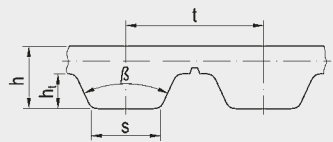
PROFILES



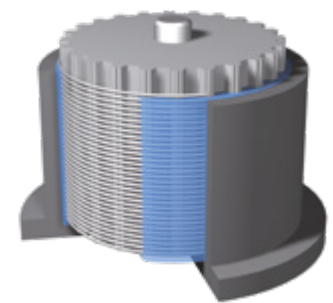
T2.5, T5, T10, T20



DT2.5, DT5, DT10



AT3, AT5, AT10

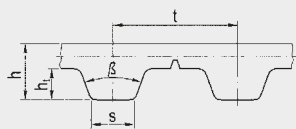


Casting process for
optibelt ALPHA POWER,
optibelt ALPHA TORQUE
timing belts

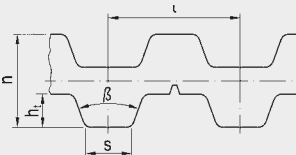
optibelt **ALPHA FLEX**

– FOR POWER TRANSMISSION DRIVES

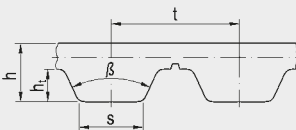
PROFILES



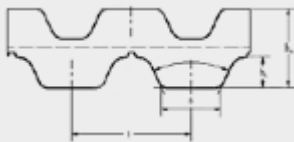
H, T5, T10, T20



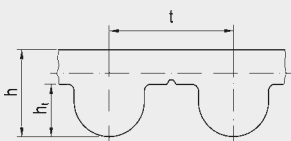
DT5, DT10



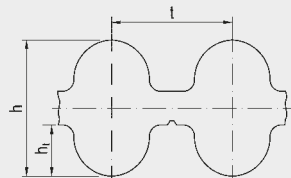
AT5, AT10, AT20



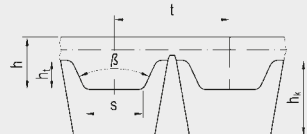
DAT5, DAT10



5M, 8M, 14M



D5M, D8M

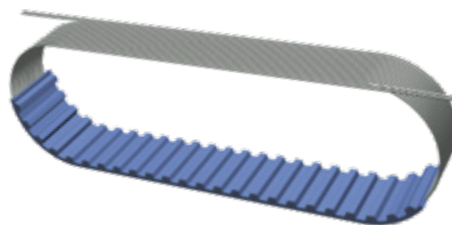


AT5K6, AT10K13



ENDLESS, EXTRUDED optibelt ALPHA FLEX POLYURETHANE TIMING BELTS HAVE THE FOLLOWING FEATURES:

- Length range from approx. 1100 mm to 22 000 mm
- Length range producible in separation stages
- Production widths 100 mm and 150 mm
- Optionally available with polyamide fabric on the teeth from a length of 1500 mm
- Direct welding on of cleats and V-guides possible
- With options of highly flexible and stainless steel tension cords
- Available with S+Z cord twist
- Available in profiles H, T5, T10, T20, AT5, AT10, AT20, 5M, 8M, 14M
- Double-toothed profiles for DT5, DT10, DAT5, DAT10, D5M, D8M available
- Profile AT5 available in HP design (reinforced tension cord) with steel, highly flexible steel and stainless steel
- Profile AT20 available in HP design with steel.



Concept of the **optibelt ALPHA FLEX** timing belt with dual (S+Z) spirally wound tension cords and extruded and moulded polyurethane

LINEAR DRIVES

For exact positioning and repetition accuracy in linear drives, **optibelt ALPHA LINEAR** timing belts are a reliable choice.

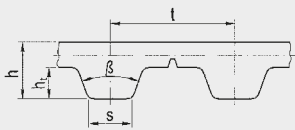
They are extruded and moulded from thermoplastic polyurethane and therefore show exceptional dimensional stability. In addition, they feature low tooth deformation and high abrasion resistance due to high-strength steel and aramid tension cords. If required, the **optibelt ALPHA LINEAR** timing belt can also be given a thin polyamide fabric layer on the tooth side or on the top surface of the belt in order to reduce friction and noise.



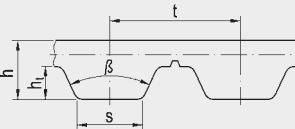
optibelt ALPHA LINEAR

– FOR LINEAR DRIVES

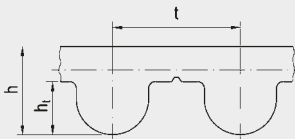
PROFILES



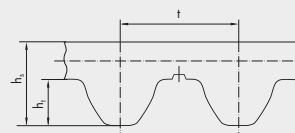
XL, L, H, XH, T5, T10, T20



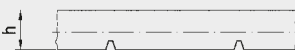
AT5, AT10, AT20,
ATL5, ATL10, ATL20



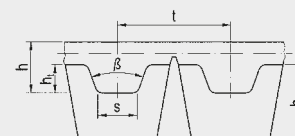
5M, 8M, 8ML, 14M, 14ML, 14MLP



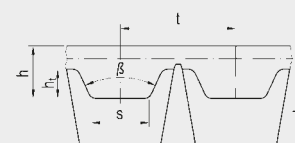
S8M



F2, F2.5, F3, F4.5, FL3



T5K6, T10K6, T10K13

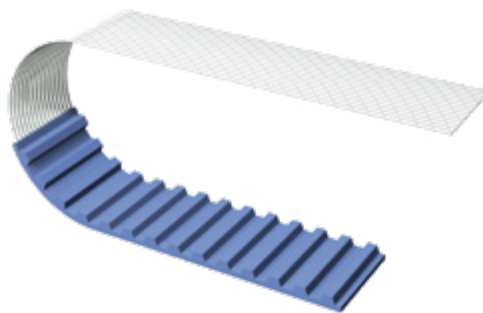


AT5K6, AT10K6, AT10K13



OPEN-ENDED EXTRUDED optibelt ALPHA LINEAR POLYURETHANE TIMING BELTS HAVE THE FOLLOWING FEATURES:

- High tensile strength with low elongation
- High-precision positioning
- Tension cords: steel, highly flexible steel, stainless steel, aramid
- With options of reinforced belt top surface, T2, yellow PU foam and APL plus
- ATL version timing belts for linear drives
- Polyamide fabric layers on tooth side and/or belt top surface available
- PU also available with FDA approval for food contact
- Optional colours available
- Roll length 50 m or 100 m, > 100 m available on request
- Profile AT10 available in HP design with steel
- Profile T10 available in HP design with aramid
- Available in profiles XL, L, H, XH, T5, T10, T20, AT5, AT10, AT20, ATL5, ATL10, ATL20, 5M, 8M, 14M, 8ML, 14ML, 14MLP, S8M, F2, F2.5, F3, F4.5, FL3, T5K6, T10K6, T10K13, AT5K6, AT10K6, AT10K13
- Groove free version available in profiles T10, F2, F2.5, F3



Design of the **optibelt ALPHA LINEAR** timing belt with parallel tension cords and extruded polyurethane

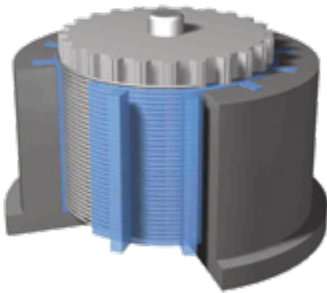
CONVEYOR DRIVES

Tailor-made and extremely cost-effective conveying concepts can be sustainably achieved with **optibelt ALPHA V** and **optibelt ALPHA SRP** timing belts. These are ideal for a wide range of conveying applications and can be endlessly welded from linear belts as required for the application. With their exceptional tensile strength and a precisely moulded cleat structure, these timing belts made of flowable cast polyurethane stand out due to their very precise and low-vibration performance. Their individual configurability is another convincing feature: Cleats and V-guides can be directly welded on, allowing them to be precisely matched to the goods to be conveyed.

optibelt ALPHA SRP

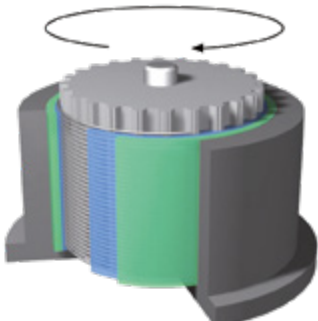
– FOR CONVEYOR DRIVES

MOULDING BY DISPLACEMENT CASTING



optibelt ALPHA SRP timing belts with cleats

MOULDING BY CENTRIFUGAL CASTING



optibelt ALPHA SRP timing belts with coating



FEATURES OF THE CAST optibelt ALPHA SRP WITH CLEATS:

- Easy production of small belts with cleats through moulding process
- Large number of cleats within a small space
- Finely developed, precisely shaped cleat geometries due to flowable cast polyurethane
- Reproducible high precision
- High stability of the adhesion between the cleat and the base belt due to homogeneous compounding

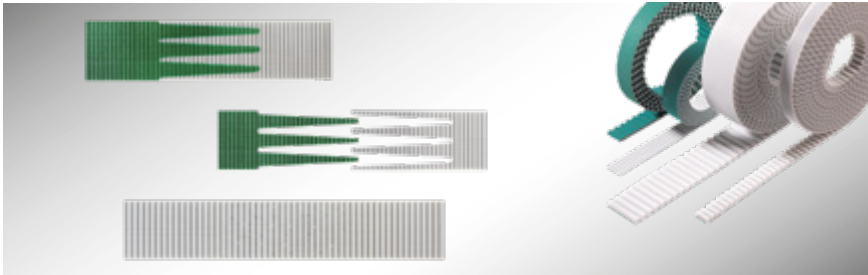
FEATURES OF THE CAST optibelt ALPHA SRP WITH A POLYURETHANE BACKING:

- Production of small coated timing belts or flat belts by moulding
- Coating without joints, no binding running direction
- Consistently high manufacturing precision
- High stability of the adhesion between the backing and the base belt due to homogeneous compounding

THE optibelt ALPHA SRP MOULDS ARE BASED ON THE MOULDS FOR THE optibelt ALPHA POWER AND optibelt ALPHA TORQUE TIMING BELTS.

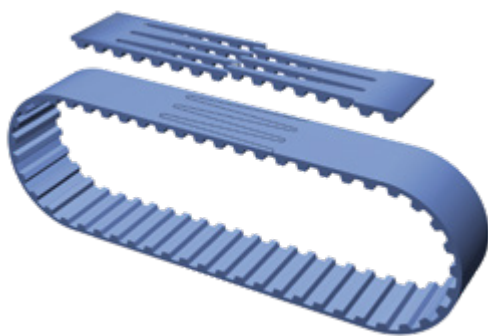
optibelt **ALPHA V**

– FOR CONVEYING APPLICATIONS



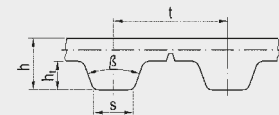
OPEN-ENDED WELDED optibelt ALPHA V POLYURETHANE TIMING BELTS HAVE THE FOLLOWING FEATURES:

- Minimum belt length ranges from 400 mm to 1200 mm, depending on width and pitch
- Lengths producible in separation stages
- Can be supplied cost-effectively and at short notice
- Ideal for conveyor drives
- Polyamide fabric available on tooth side and/or belt top surface
- PU also available with FDA approval for food contact
- The reinforced top surface version and the T2, yellow PU foam and APL plus versions can be welded on without a joint
- Direct welding on of cleats and V-guides possible
- Despite discontinuous tension cords, these belts offer approx. 50% of the performance of endless timing belts
- Available with profiles: XL, L, H, XH, T5, T10, T20, TT5, AT5, AT10, AT20, 5M, 8M, 14M, T5K6, T10K6, T10K13, AT5K6, AT10K6, AT10K13, F2, F2.5, F3, F4.5, ATC10, ATC20, DT5, DT10, DAT5, DAT10

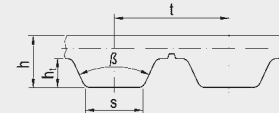


Finger-shaped punched-out belt ends and welded **optibelt ALPHA V** timing belt

PROFILES



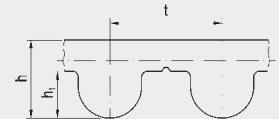
XL, L, H, XH, T5, T10, T20, TT5



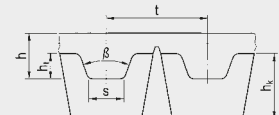
AT5, AT10, AT20



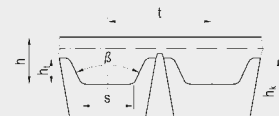
ATC10, ATC20



5M, 8M, 14M,



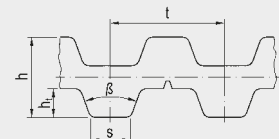
T5K6, T10K6, T10K13



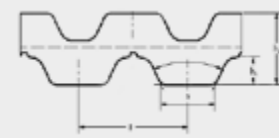
AT5K6, AT10K6, AT10K13



F2, F2.5, F3



DT5, DT10



DAT5, DAT10

The background of the entire page is a faded, high-angle photograph of a large industrial facility. It features a complex network of white metal beams, walkways, and structural supports. In the lower portion of the image, large, dark-colored industrial gears or rollers are visible, partially obscured by the text and other elements. The overall tone is industrial and technical.

ALPHA SPECIAL

- WITH COATINGS**
- WITH MECHANICAL
PROCESSING**
- WITH CLEATS**

optibelt

ALPHA SPECIAL

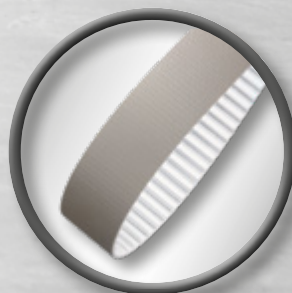
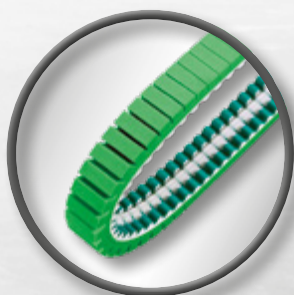
– WITH COATINGS



In contrast to other PVC foils, this coating is applied as standard during the production process itself as a foil on the **optibelt ALPHA LINEAR**; welding to **optibelt ALPHA V** together with the coating is possible without a joint; consistent adhesion; easy, low-cost transport coating.

TIMING BELTS WITH COATINGS

optibelt ALPHA SPECIAL belts have a coating on the top surface and undergo additional mechanical processing. The wide range of coatings and finishing options combined with the features of the timing belt allow innovative solutions to be developed for conveyor applications.



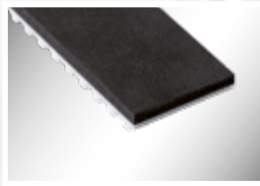
OVERVIEW OF COATINGS, MATERIAL QUALITIES AND SU

FOAM



POLYURETHANE (PU)

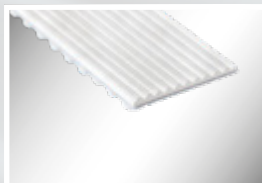
- Sylomer R (see Fig.)
- Sylomer L
- Celloflex
- Sylomer M
- PU-Smart
- PU O6



RUBBER

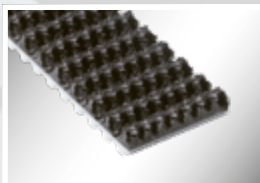
- Porol (see Fig.)
- EPDM

PROFLED OR STRUCTURED



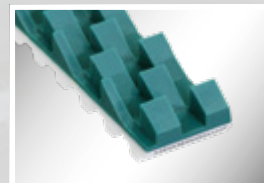
POLYURETHANE (PU)

- PU longitudinal groove (see Fig.)
- Pointed cone
- PU longitudinal groove, rough
- PU spike profile
- Pebbles, rounded cone



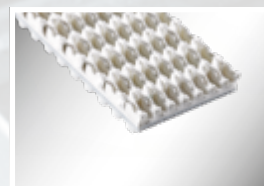
RUBBER

- Supergrip black (see Fig.)
- Supergrip blue



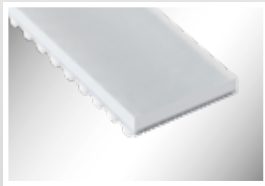
POLYVINYL CHLORIDE (PVC)

- PVC shark tooth (see Fig. above)
- PVC longitudinal groove
- Supergrip petrol blue
- Supergrip green
- Supergrip white (see Fig. below)
- Minigrip petrol blue
- Minigrip green
- PVC cleats
- PVC fishbone pattern
- PVC sawtooth
- PVC triangular profile



RFACE FINISHES

SMOOTH OR SLIGHTLY STRUCTURED



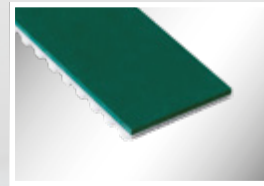
POLYURETHANE (PU)

- PU foil 65 Shore A
- Polythane D15
- Polythane D44
- PU foil blue
- PU foil 85 Shore A
- T2 (see Fig.)
- PU foil 92 Shore A
- Reinforced top surface



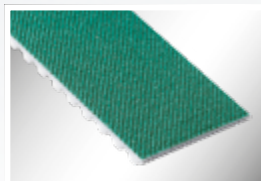
RUBBER

- RP 400 (see Fig.)
- Correx beige
- Linatex
- Linaplus FGL
- NG red
- Linatrilite
- Elastomer green



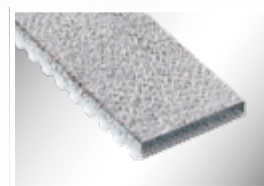
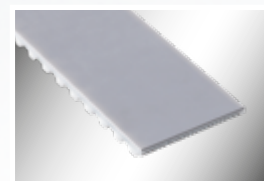
POLYVINYL CHLORIDE (PVC)

- PVC foil petrol blue (see Fig.)
- PVC foil green
- PVC foil blue
- PVC foil white
- APL plus



PA FABRIC

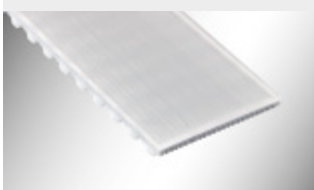
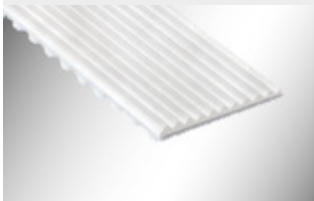
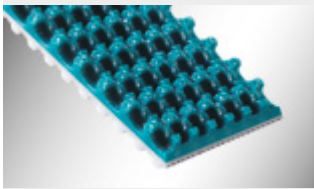
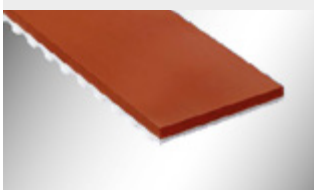
- PA fabric (see Fig.)
- PA fabric antistatic



SPECIAL

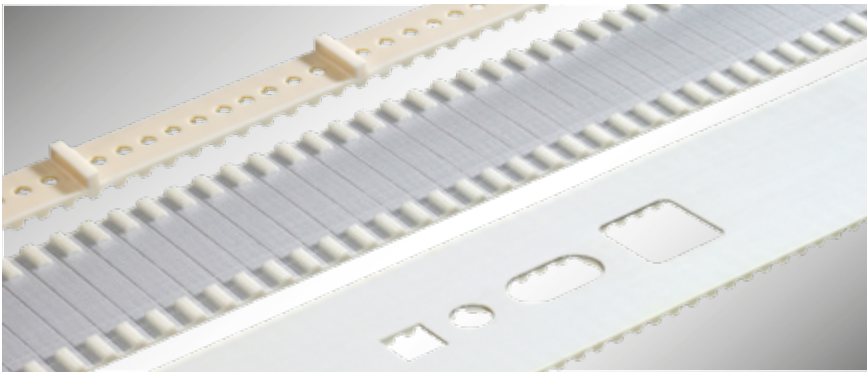
- PTFE (see Fig. above)
- TT60
- Paraskin
- Chrome leather (see Fig. below)
- Viton

OPTIBELT – EXTRACT FROM STANDARD COATINGS

Picture of the coating	Name, colour, material Standard thickness s [mm] Minimum pulley Ø [mm]	Hardness / density Degree of grip	Temperature resistance Abrasion resistance														
	Sylomer L, green, PU foam <table><tr><td>s</td><td>6.0</td><td>12.0</td><td>15.0</td><td>20.0</td><td>25.0</td></tr><tr><td>Ø</td><td>120</td><td>240</td><td>300</td><td>400</td><td>500</td></tr></table>	s	6.0	12.0	15.0	20.0	25.0	Ø	120	240	300	400	500	↓ ≈ 300 kg/m³ ↑ ↓ Degree of grip ↑	↓ -30°C...+70°C ↑ ↓ Abrasion resistance ↑		
s	6.0	12.0	15.0	20.0	25.0												
Ø	120	240	300	400	500												
	PU 06, yellow, fine pored PU <table><tr><td>s</td><td>2.0</td><td>3.0</td><td>4.0</td><td>5.0</td><td>6.0</td><td>8.0</td></tr><tr><td>Ø</td><td>60</td><td>70</td><td>80</td><td>100</td><td>120</td><td>160</td></tr></table>	s	2.0	3.0	4.0	5.0	6.0	8.0	Ø	60	70	80	100	120	160	↓ ≈ 55 Shore A ↑ ↓ Degree of grip ↑	↓ -10°C...+60°C ↑ ↓ Abrasion resistance ↑
s	2.0	3.0	4.0	5.0	6.0	8.0											
Ø	60	70	80	100	120	160											
	PU foil 85 Shore A, transparent, PU <table><tr><td>s</td><td>2.0</td><td>3.0</td><td>4.0</td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>60</td><td>80</td><td>100</td><td></td><td></td><td></td></tr></table>	s	2.0	3.0	4.0				Ø	60	80	100				↓ ≈ 85 Shore A ↑ ↓ Degree of grip ↑	↓ -10°C...+70°C ↑ ↓ Abrasion resistance ↑
s	2.0	3.0	4.0														
Ø	60	80	100														
	Linatex, red, natural rubber <table><tr><td>s</td><td>1.5</td><td>2.4</td><td>3.2</td><td>5.0</td><td>6.4</td><td>8.0</td></tr><tr><td>Ø</td><td>30</td><td>50</td><td>65</td><td>100</td><td>140</td><td>180</td></tr></table>	s	1.5	2.4	3.2	5.0	6.4	8.0	Ø	30	50	65	100	140	180	↓ ≈ 38 Shore A ↑ ↓ Degree of grip ↑	↓ -40°C...+70°C ↑ ↓ Abrasion resistance ↑
s	1.5	2.4	3.2	5.0	6.4	8.0											
Ø	30	50	65	100	140	180											
	PU longitudinal groove, fine, transparent, PU, groove pitch 2 or 2.5 mm - depending on belt width <table><tr><td>s</td><td>3.5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>70</td><td></td><td></td><td></td><td></td><td></td></tr></table>	s	3.5						Ø	70						↓ ≈ 85 Shore A ↑ ↓ Degree of grip ↑	↓ -10°C...+70°C ↑ ↓ Abrasion resistance ↑
s	3.5																
Ø	70																
	Supergrip petrol blue, polyvinyl chloride <table><tr><td>s</td><td>3.0</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>60</td><td></td><td></td><td></td><td></td><td></td></tr></table>	s	3.0						Ø	60						↓ ≈ 40 Shore A ↑ ↓ Degree of grip ↑	↓ -10°C...+90°C ↑ ↓ Abrasion resistance ↑
s	3.0																
Ø	60																
	APL plus, red, elastic PVC <table><tr><td>s</td><td>2.0</td><td>3.0</td><td></td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>60</td><td>80</td><td></td><td></td><td></td><td></td></tr></table>	s	2.0	3.0					Ø	60	80					↓ ≈ 65 Shore A ↑ ↓ Degree of grip ↑	↓ -20°C...+100°C ↑ ↓ Abrasion resistance ↑
s	2.0	3.0															
Ø	60	80															

optibelt ALPHA SPECIAL

– WITH MECHANICAL PROCESSING

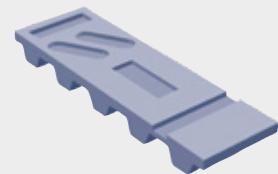


MECHANICAL PROCESSING

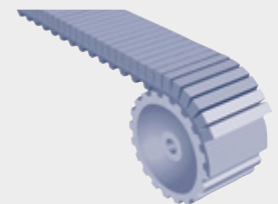
Additional geometrical and dimensional adaptations can be made to standard timing belts, coated belts, and timing belts with cleats in order to expand the range of possible applications.

The following mechanical processing methods are available:

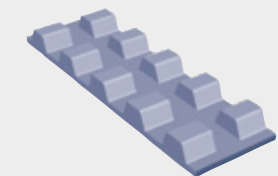
- Grinding
- Milling
- Water jet cutting
- Punching
- Drilling
- Cutting, carving



Milled contours



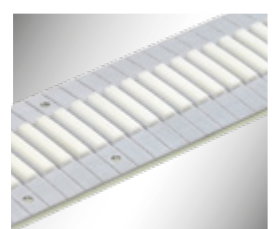
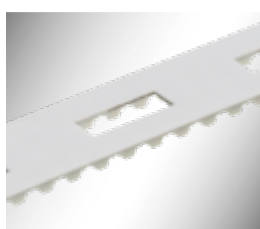
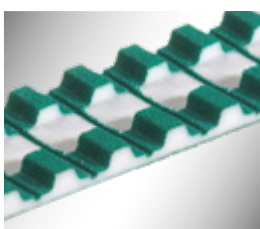
Carved coating



Longitudinal groove in the teeth



Punched timing belt



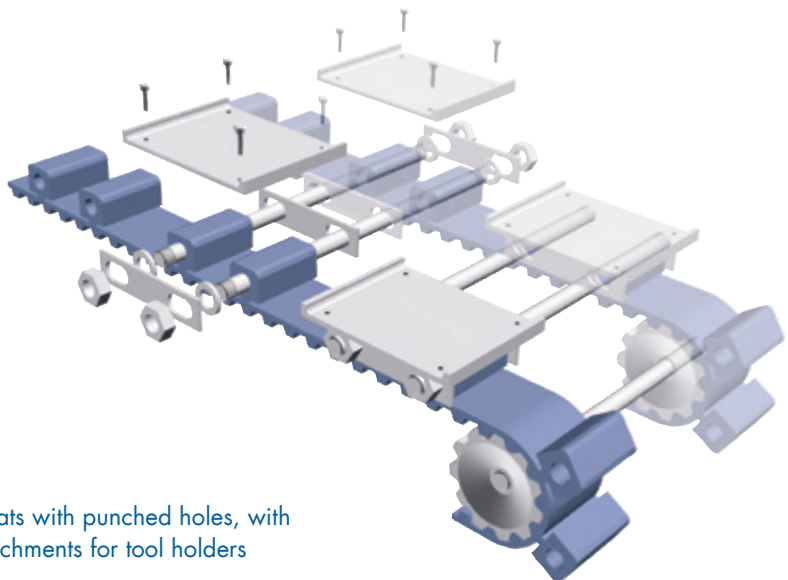
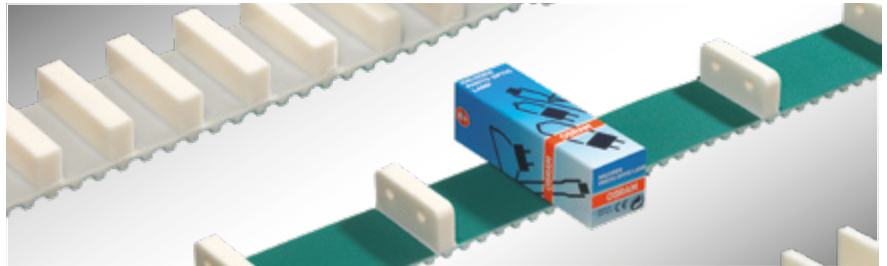
optibelt ALPHA SPECIAL

– WITH CLEATS

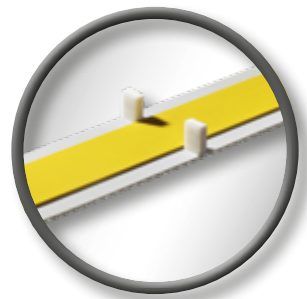
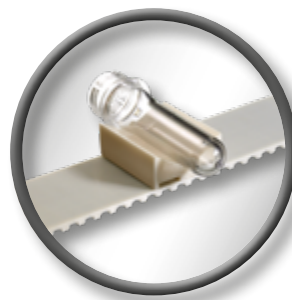
TIMING BELT WITH CLEATS

Cleats can be applied to **optibelt ALPHA LINEAR**, **optibelt ALPHA V** and **optibelt ALPHA FLEX** timing belts using various methods. These include welding, chemical bonding and mechanical connections. The in-house injection moulding process incorporated in the production cycle ensures good product availability.

If the right cleat for the job is not available in the existing range, it can be custom made or adapted cost-effectively to your specification. We would be pleased to help you find the ideal solution for your conveying requirements.

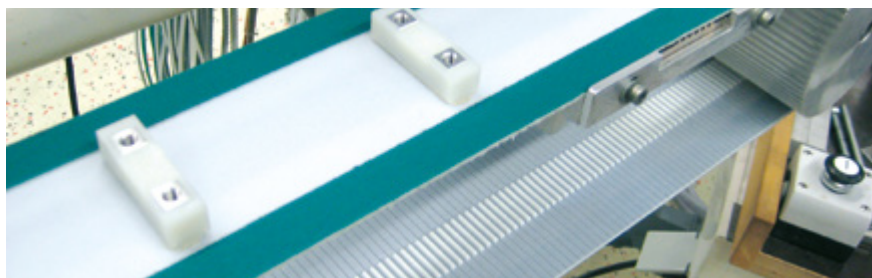


Cleats with punched holes, with attachments for tool holders



optibelt ALPHA SPECIAL

– WITH CLEATS



In contrast to coatings that rely on a frictional connection, cleats allow for positive-fit traction of goods on conveyors. They can also:

- Convey and, if necessary, align products longitudinally and/or laterally
- Position products on the conveyor belt
- Separate products
- Secure items for high acceleration and/or high speed transfer
- Synchronise the conveyed goods with the base belt

The Optibelt cleat range includes a large number of cast blanks and cleats that are ready for use for many purposes. If none of these cleats fits your requirements, a suitable cleat can be made

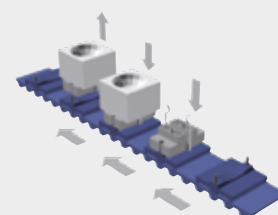
- By mechanically processing an existing cleat,
- With a custom-made injection mould.

The use of an injection mould is ideal for producing medium quantities or more of simple cleat shapes and small quantities of more complex cleat shapes. This can be done in the company's own tool shop.

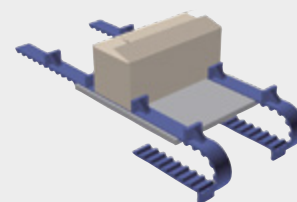
Available standard polyurethane cleat materials:

- PU 92 Shore A, white
- PU 65 and 85 Shore A, transparent
- PU 98 Shore A, greyish white
- PU FDA 85 Shore A, transparent/blue
- PU (with GFK)

FURTHER MATERIALS AND COLOURS AVAILABLE ON REQUEST.



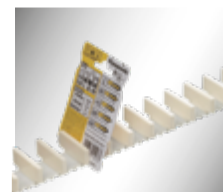
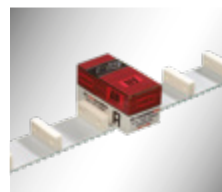
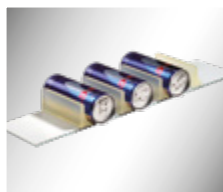
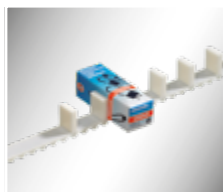
Cleats as workpiece holders



Parallel conveyors with supporting table

Shape and function of the cleat

simple							special			
rectangular	round	T-shaped, L-shaped	fan-shaped	trapezoidal shape	trapezoidal V-shape	triangular	concave, convex	groove	holes	inserts



optibelt ALPHA SPECIAL

– CUSTOMISED SOLUTIONS

The finishing of PU timing belts is one of our specialities. Thanks to our many years of experience, we are able to develop optimal solutions for special types of applications for our customers in the transport, food, packaging, glass, wood, linear and medical sectors.

- All open-ended or joined belt product groups can be used for transporting purposes. Application examples include: Parallel or synchronous conveyor, inclined conveyor, accumulating conveyor, vacuum conveyor, withdrawal facility, separator or workpiece positioner.
- The base belts selected for the requirements can be adapted as necessary to the conveying task with coatings and/or cleats.
- The dimensions and geometry of the base belt, the coating and the cleat can be adapted by mechanical processing, including in combination with each other.

These subsequently machined special belts are labelled “SPECIAL” in addition to their product group name.

For example, the product group name of an endless welded **optibelt ALPHA V** polyurethane timing belt with subsequently applied coating is changed to **optibelt ALPHA V SPECIAL**.

COATED TIMING BELTS HAVE THE FOLLOWING FEATURES:

- Special chemical resistance, e.g. for applications in the food industry
- High abrasion resistance, e.g. for accumulating conveyors
- High temperature resistance, e.g. for conveying heat-treated parts
- Good cutting resistance, e.g. for conveying sharp-edged goods
- Non-stick, e.g. for contact with adhesives
- Antistatic, e.g. for transport with electronic components
- Good damping properties, e.g. for damping the impact when sensitive goods are placed on the belt

optibelt ALPHA SPECIAL

– APPLICATION EXAMPLES



Fig. 1: Customised solution for conveying semi-finished goods

The example given in Fig. 1 shows a customised solution developed for conveying semi-finished goods. In this particular case, an **optibelt ALPHA V AT20 – ST** was coated with Sylomer L green PU foam coating material. Afterwards, grooves and holes were cut out with a water jet, and vacuum pockets machined with NC mills, so that vacuum technology could be used to convey the semi-finished goods onwards for additional processing.

For a special machinery manufacturer, Optibelt has developed a solution (see Fig. 2), for conveying cut-on-demand material (pipe, square and rectangular profiles) – without changing the belt type.

Furthermore, the solution proposed should prevent slippage of the cut material due to the start-stop frequency. The belts should run synchronously parallel to each other, depending on the lengths of the cut profile and the number of belts (4-6 belts). The top surface of the belt is equipped with foam profiles (Sylomer R, blue, PU foam) and PU cleats to ensure that the different profiles are conveyed in a precise position.



Fig. 2: Customised solution for conveying cut material

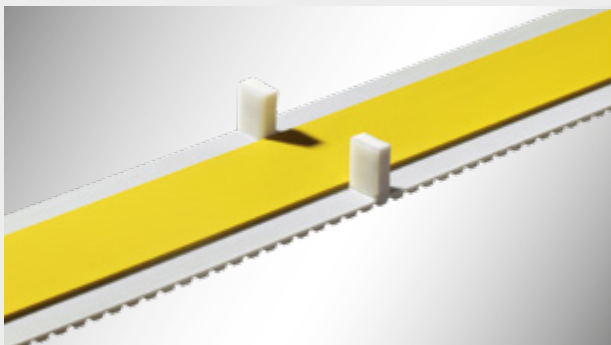


Fig. 3: Customised solution for conveying pet/animal food packaging

The customised solution shown in Fig. 3 was commissioned by a customer from the pet/animal food industry in order to convey empty pet/animal food packaging to filling stations. The top surface of the belt was coated with a natural rubber (RP 400, yellow) and equipped with cleats. The welded cleats have an additional glass fibre reinforced protective layer in order to counter the high shear forces of the sharp-edged empty pet/animal food packaging. Furthermore, the cleats ensure exact positioning of the goods to be conveyed.

optibelt **ALPHA ATC**

POLYURETHANE TIMING BELTS WITH FLEXIBLE CLEAT SYSTEM

optibelt ALPHA ATC makes complex drive solutions possible in all areas of mechanical engineering under the most difficult conditions and extreme operational demands.

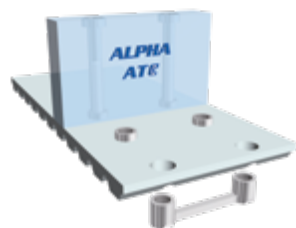
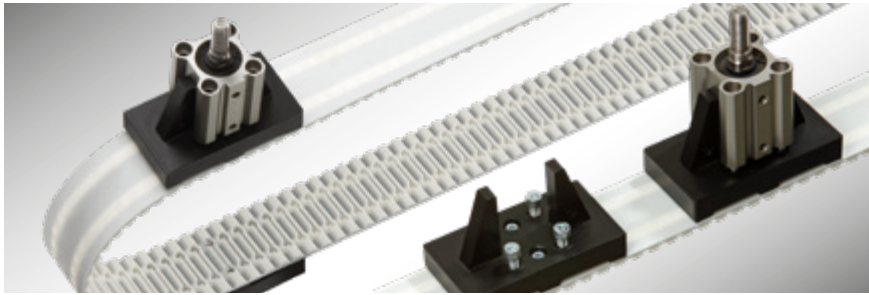
- **PATENTED DRIVE SYSTEM SOLUTION**
- **SIMPLE AND QUICK ASSEMBLY**
- **FLEXIBLE PROFILE ASSEMBLY ON SITE**

NEW
IN OUR
ASSORTMENT

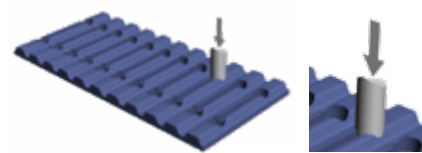


optibelt **ATC-SYSTEM**

– FOR FLEXIBLE TRANSPORT APPLICATIONS



ATC section with recesses for
ATC-IN inserts in each tooth



Punching of a through-hole with
ATC-PT punching tool



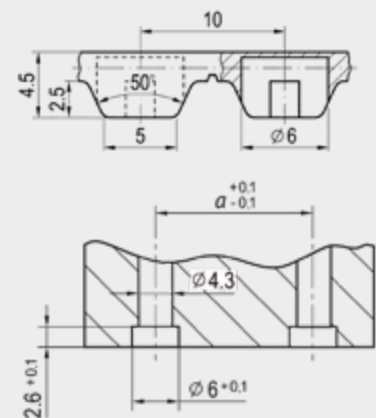
ATC section with punched holes for
ATC-IN inserts and installation of
a screw-on cleat

The user of the **ATC-System** can fasten screw-on cleats quickly and easily to a freely selectable tooth on the spot. The fastening and detaching of the connection can be performed directly by the user. As a result, varying forms of transported goods can be adjusted on the same drive and base belt using different screw-on cleats. The costs for stock-keeping of wear and spare parts can be reduced by detachable cleat fastenings.

ATC inserts additionally make it possible to screw parts on directly, such as highly precise metal workpiece carriers without welded-on, separately manufactured cleats with inserts. Furthermore, screw-on cleats can transmit higher forces in comparison to permanently connected cleats. In addition, a smaller minimum pulley diameter can be chosen comparatively for the same fastening strength. Screw-on cleats for the **ATC-System** are available on request.

With the **ATC-System**, an **ATC-IN** insert for screwing on the cleat is laid into the prepared recess in the tooth. These recesses in the **optibelt ALPHA V** timing belt are consistently available in all teeth in sections **ATC10** and **ATC20**.

PROFILE ATC10



Connecting dimensions of a screw-on cleat with a centre distance "a" depending on **ATC** insert

Cleats for the belt widths 50 mm and 100 mm, which were designed for a fastening system available on the market using individual inserts, are compatible with the **ATC-System** for profile **ATC10**. Existing cleats can be used without the need for any additional measures.

ACCESSORIES



- ① **optibelt ATC-PT** punching tool
- ② **optibelt ATC-IN** insert
material: Stainless steel
- ③ Screw-on cleat

optibelt **ATC-SYSTEM**

ASSIGNMENT AND PROPERTIES

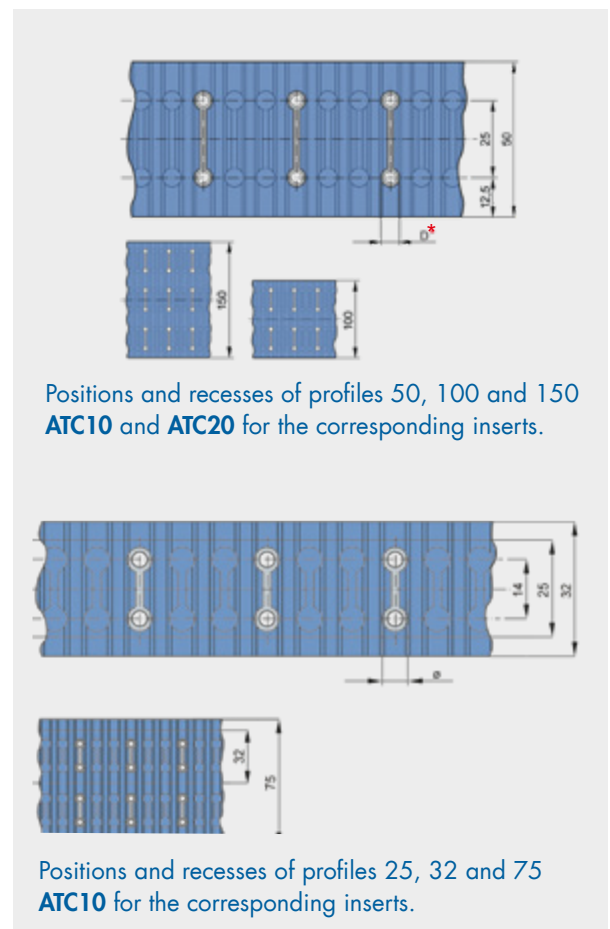
ATC belt section	ATC standard belt width [mm]	ATC insert	Number of ATC inserts/ blind holes or threads	Centre distances of holes or threads [mm]	Thread	Minimum length ALPHA V [mm]
ATC10	25 32 75	ATC-IN M4-14RF	1/2 1/2 2/4	14	M4	850 850 1050
ATC10	50 100 150	ATC-IN M4-25RF	1/2 2/4 3/6	25	M4	850 1050 1150
ATC20	50 100 150	ATC-IN M5-25RF	1/2 2/4 3/6	25	M5	1060 1160 1160

The belt top surface is smooth and does not initially contain any holes. Before inserting the **ATC** insert, the two pre-moulded blind holes in the recess of the selected tooth must be punched out with the **optibelt ATC-PT** punching tool to produce through-holes. To facilitate punching or perforating, **optibelt ALPHA V** timing belt in the profile **ATC10** and **ATC20** does not have any tension cord in the area of the blind holes.

The **optibelt ALPHA ATC** in profile **ATC10** in the standard design is available as an option with polyamide fabric on the tooth side (PAZ). The **ATC10** profile is also available with stainless-steel tension cords for applications in the food and pharmaceutical industry.

The **ATC** stainless steel (RF) insert consists of two sleeves which are interconnected through a stable web. On the tooth side, the **ATC** insert is designed in such a way that it lies completely in the tooth contour and does not touch the tooth system of the timing belt pulley.

Profile	D*
ATC10	6
ATC20	7.5

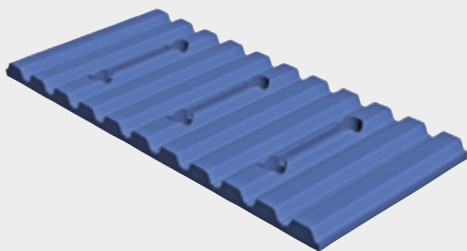


optibelt **ATC-IN** INSERTS

ASSIGNMENT TO BELT PROFILES AND PROPERTIES

Belt width [mm]	Belt profile	ATC insert	Number of inserts	Centre distance [mm]	Thread	Minimum length for smallest belt width [mm] ¹	Note
25-150	AT10	ATC-IN M4-14	freely selectable depending on belt width	14 or free between inserts	M4	700	ALPHA SPECIAL
40-150	AT10	ATC-IN M4-25	freely selectable depending on belt width	25 or free between inserts	M4	700	ALPHA SPECIAL
45-150	AT20	ATC-IN M5-25	freely selectable depending on belt width	25 or free between inserts	M5	900	ALPHA SPECIAL

¹ Minimum length of larger widths on request, observe minimum lengths of base belts



optibelt ALPHA SPECIAL with AT section with subsequently produced recesses including through-holes

For even smaller widths of **optibelt ALPHA SPECIAL** of 25 mm, we recommend using the second standard insert **optibelt ATC-IN M4-14**. This insert corresponds to the connecting dimensions of an optibelt ATC-IN M4-25 insert, but with a centre distance reduced from 25 mm to 14 mm.



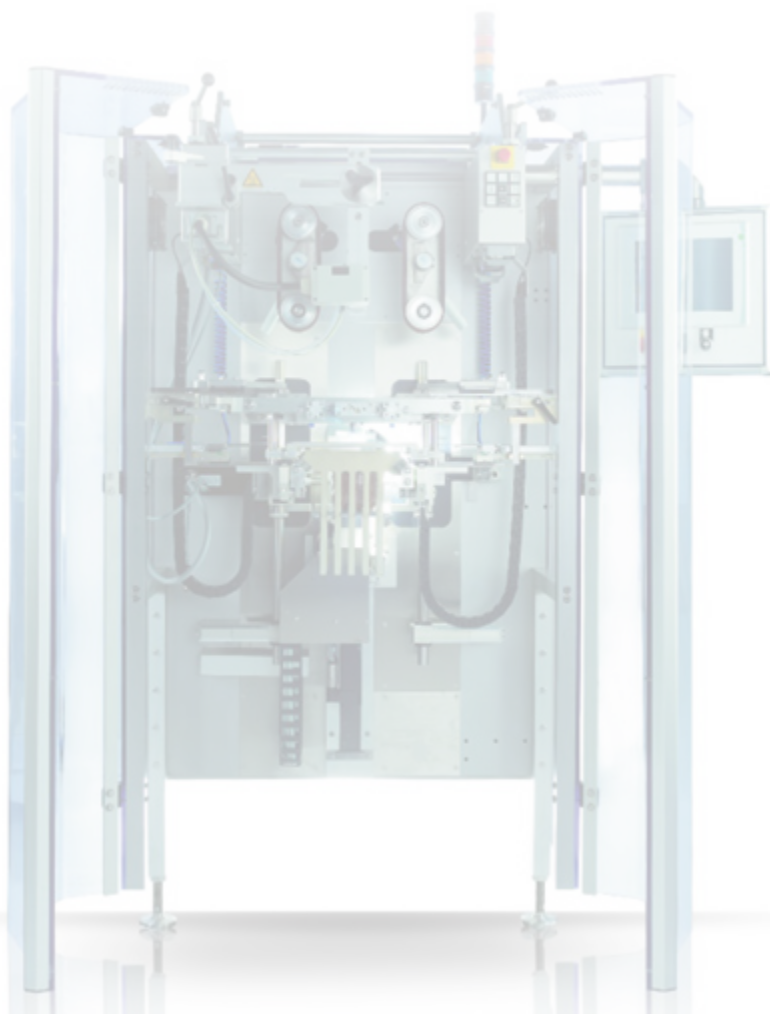
optibelt ATC-IN inserts are available in batch sizes of 10/25/100 piece

TIMING BELT PACKAGING

TIMING BELTS FOR FORM, FILL & SEAL MACHINES

All rubber and polyurethane timing belts of the Optibelt product portfolio can be provided with various coatings for form, fill & seal machines. With the aid of these timing belts, the foil that was previously sealed in a longitudinal direction to form a tube is withdrawn from a filling tube. Due to additional sealing in the transverse direction, a bag is produced that can then be filled. This bag is sealed completely by another transverse seal. This system is used globally in the food and non-food sector. From potting soil to frozen products to salad, consumer products are packed in this way every day.

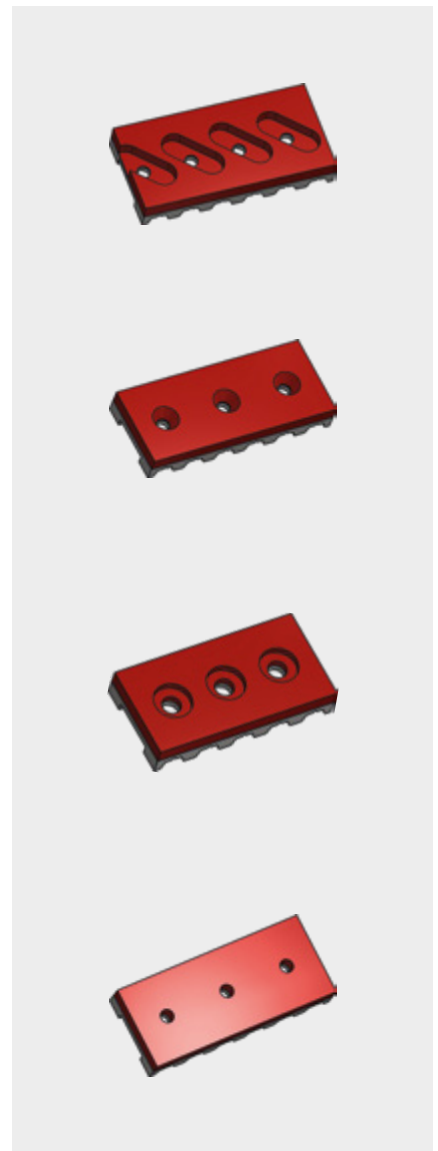
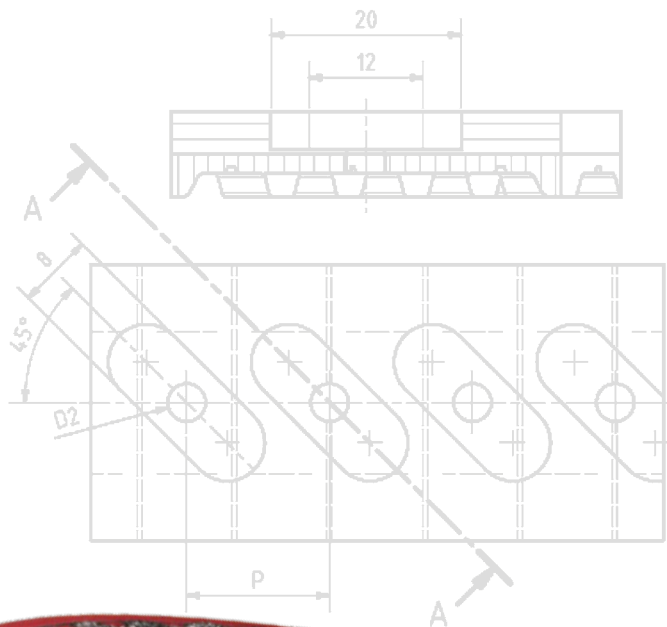
In this area, **optibelt ALPHA SPECIAL** discharge belts with and without vacuum support have proven successful, with common profiles such as T10, L and H being available in various length ranges.



S FOR THE INDUSTRY

Of particular note are rubber timing belts with special coatings. These are produced in a vulcanisation process from a base belt with a coating that is neither bonded nor exhibits a joint. Silicone rubber is used as a material for this. However, Linatex® and other types of rubber can also be applied to the belt subsequently with a joint in the rubber. In addition, polyurethane coatings – e.g. with PU 06 foam, yellow – are possible. The material requested is also applied subsequently or in an endless spraying process (only in the case of polyurethane timing belts).

However, if higher cycle times are used for the packaging machines, timing belts with vacuum support are a good choice. Optibelt offers various variants and designs of the tooth-side grooves and vacuum pockets.



TIMING BELT

BESIDES THE ZS / ZSi TIMING BELT JOINT, CONNECTIONS HAS BEEN EXTENDED BY

TIMING BELT JOINT ZS AND ZSi

THE TIMING BELT JOINT ZS / ZSi IS DESIGNED TO ALLOW REPEATED DETACHING AND JOINING OF TIMING BELTS IN THE APPLICATION ITSELF.

Both designs are offered in stainless steel as standard for the AT10 and H profiles. This connection can therefore be used in the food and pharmaceutical industry in combination with suitable timing belts. For the T10 profile, the tooth inserts are made of stainless steel or brass. Brass is not suitable for application in the food and pharmaceutical industry.

The back plates are connected with the inserts on the toothed side using bolts that are screwed on through the belt. The top surface of the belt is 1 mm higher in the ZSi so that the back plates are embedded inside the timing belt and finish flush with the height of the top surface of the belt.

The standard widths for lock connections are as follows:
for profile AT10: 25, 32, 50, 75 and 100 mm,
for the T10 profile: 25, 32, 50, 75 and 100 mm,
and for profile H: 25.4, 38.1 and 50.8 mm.

Further intermediate widths, and widths exceeding 50 mm, are available on request.



JOINTS

THE RANGE OF MECHANICAL THE PINJOIN TIMING BELT JOINT.

THE **PINJOIN** TIMING BELT JOINT

THE PINJOIN TIMING BELT JOINT IS DESIGNED FOR JOINING BELTS WITH A ONE-OFF, PERMANENT JOINT IN THE APPLICATION ITSELF.

The connection is made with stainless steel threaded pins that fit into laterally drilled holes running longitudinally through the tooth. This connection can therefore be used in the food and pharmaceutical industry in combination with suitable timing belts.

The PinJoin connection is also suitable for connecting coated belts. In the area of the joint, however, the coating is positioned flush face to face.

The standard widths for lock connections
for the AT10 profile are: 25, 32, 50, 75 and 100 mm,
for the T10 profile: 25, 32, 50, 75 and 100 mm

Additional profiles, intermediate widths and widths exceeding 50 mm are available on request.



ROUND BELT V-BELT

STRUCTURE

Optibelt round belts consist of high grade materials which are produced as open-ended rolls in different diameters from 2 mm to 20 mm in special production processes. The **optibelt RR/KK Plus** version of the round belt additionally incorporates a polyester tension cord

PROPERTIES

- Favourable coefficient of friction
- Good slip resistance for conveying goods
- Good abrasion and wear resistance
- High elasticity, good damping
- High tensile strength
- Colour-fast
- Resistant to greases, oils and numerous chemicals
- UV and ozone resistant
- **optibelt RR/KK Plus** version particularly low stretch

ADVANTAGES

- Welding on the spot, including for the **optibelt RR/KK Plus** version
- No disassembly of the drive/shafts
- Quick rectification of breakdowns
- Short downtimes
- Easy to store (supplied in rolls)
- Immediate availability
- Wide variety of design options, since any length can be produced

AREAS OF APPLICATION

optibelt RR round belts and **optibelt KK** V-belts are mainly used in conveyor systems, e.g. for conveying of

- Tiles, plates, flat glass
- Veneers in wood processing
- Roof tiles, marble, concrete slabs
- Cardboard conveyance in the packaging sector
- Also as guiding belts for the conveyance of bottles and cans
- **optibelt RR/KK Plus** is especially suitable for use in long conveyors.

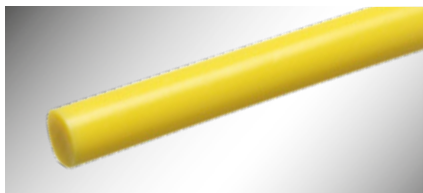
In addition, **optibelt RR** round belts can be used for certain power ranges as dual and multi-pulley drives.

Optibelt manufactures round and V-belts in various designs.

These can be easily differentiated according to their colours.

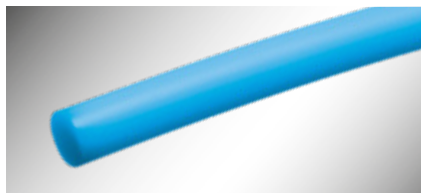
For round belts, the colours are yellow, green, blue, white, grey and black.

For V-belts transparent, white, and cream.



82 SHORE A YELLOW

For use with small idler pulleys; flexible at low temperatures; very elastic; low power transmission capacity



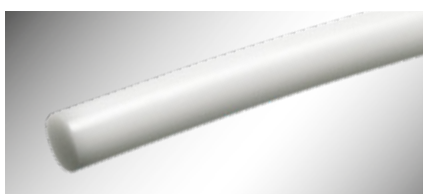
85 SHORE A LIGHT BLUE FDA

For use in the food processing industry, in direct contact with goods



88 SHORE A GREEN (SMOOTH/ROUGH)

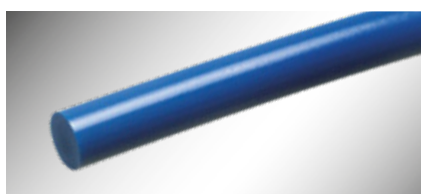
For use in all areas with medium loading; the rough version offers advantages when transporting damp or greasy products and improves the entrainment effect.



92 SHORE A WHITE

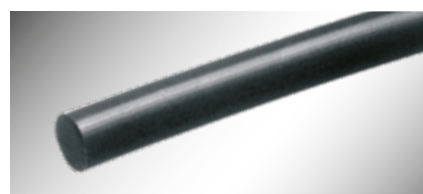
For applications in the medium to heavy duty range, the white version still offers sufficient flexibility.

Suitable for continuous use at high temperatures.



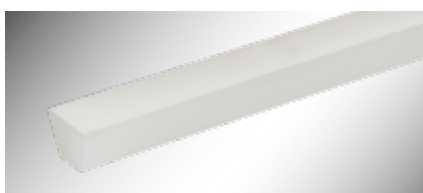
98 SHORE A BLUE

Especially suitable for high loads and high temperatures; extra hard grade; minimum pulley diameters must be observed.



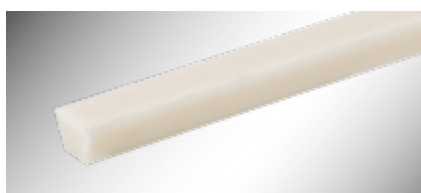
65 SHORE A BLACK

For special applications; belt diameters available from 5 mm to 12 mm; very flexible at low temperatures; extremely soft material



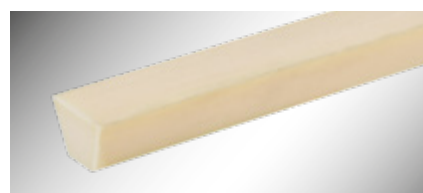
87 SHORE A TRANSPARENT

For use in all areas with light to medium loads



92 SHORE A WHITE

Applications: for medium to heavy loads; the design still offers sufficient flexibility.



98 SHORE A CRAM

Applications: especially for extreme loads and high temperatures; very hard quality

PU V-BELTS					
optibelt KK	optibelt KK Plus	optibelt KK Supergrip	optibelt KK Plus Supergrip	optibelt KK Form 1	optibelt KK Form 2
Profile					
8, Z/10, A/13, B/17, C/22	A/13, B/17, C/22	A/13, B/17, C/22	A/13, B/17, C/22	B/17, C/22	B/17

optibelt HRR

– POLYURETHANE HOLLOW ROUND BELTS

Optibelt hollow round belts are particularly suitable for use in light drive systems and conveyor systems, especially for small pulley diameters. Available as endless metre ware in 75 Shore A in the diameters 4.8 / 6.3 / 8 / 9.5 mm red/smooth and in 85 Shore A 4.8 / 6.3 mm green/rough, these belts are similar to a strong, thick-walled tube and can be used flexibly due to this special property. Hollow round belts should be welded in principle, but they can also alternatively be joined securely and tightly with special metal sleeves made of brass. This variant is fast and uncomplicated to perform on the job and obtains ideal results for quickly remedying downtime due to belt fracture or as a long-term solution for drives and conveyors with light loads and low speeds.

PROPERTIES

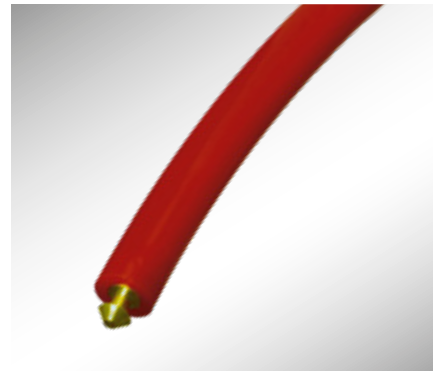
- Favourable coefficient of friction
- Good slip resistance for conveying goods
- Good abrasion and wear resistance
- High elasticity, good damping
- Colour-fast
- Resistant to greases, oils and numerous chemicals
- UV and ozone resistant

ADVANTAGES

- For extremely small pulley diameters
- No disassembly of the drive/shafts
- Quick rectification of breakdowns
- Short downtimes
- Easy to store (supplied in rolls)
- Immediate availability
- Allows a wide variety of design options since any length can be manufactured

Optibelt HRR BELTS SOLD BY THE METRE ARE MAINLY USED IN CONVEYOR SYSTEMS, E.G. FOR CONVEYING:

- Tiles, plates, flat glass
- Veneers in wood processing
- Roof tiles, marble, concrete slabs
- Cardboard conveyance in the packaging sector
- Also as guiding belts for the conveyance of bottles and cans



75 SHORE A RED/SMOOTH

For use with small pulley diameters, for quick repairs



85 SHORE A GREEN/ROUGH

For use with medium drives, for quick repairs

JOINING TOOL

FRICITION WELDING TOOL RS02 FOR ROUND BELT, V-BELT AND SPECIAL PROFILES

ADVANTAGES OF THE RS02:

- Precision clamping jaws and automatic 0 setting prevent offset welded seams
- Speed-controlled frictional heat guarantees a 100 % weld
- No poor welding seams caused by temperature fluctuations or draughts

ACCESSORIES FOR THE FRICTION WELDING TOOL RS02:

- Friction welding device
- 1 set of standard clamping jaws of choice
- 1 Allen key
- 1 shears AS02
- 1 side cutter SE02
- 1 carrying case with rigid foam lining

STANDARD CLAMPING JAWS:

- For round belts, Ø 6 mm to 20 mm
- For V-belts, 6 x 4 mm to 22 x 14 mm
- For various special profiles



FOR ROUND BELTS



FOR V-BELTS



FOR SPECIAL PROFILES

Further standard clamping jaws for round belts and V-belts are available at additional cost.

We can also produce clamping jaws for special PU profiles on request.

JOINING TOOLS

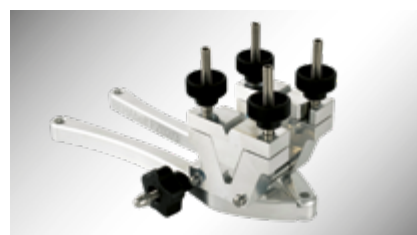
SERVICE CASE BASIC

This five-piece service case basic provides the user with a complete set of standard equipment for occasional use.

The SG02 welding tool has a longer warm-up phase than the premium model and is suitable only for urethane belts that can be welded using the two corresponding guiding clamps as required.

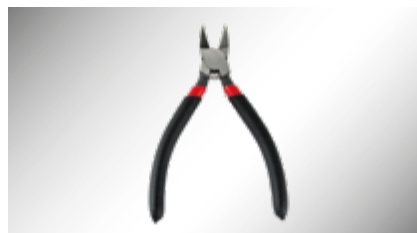
The FZ01 guiding clamps are used for round belts with a diameter of up to 10 mm and for V-belts with profiles of up to 10, whereas the FZ02/3 model is used for round belts from 8 mm upwards in diameter and V-belts up to profile 32.

To ensure the perfect cut for optimum welding results, the set also includes a pair of shears as well as a side cutter for removing the weld seam.



GUIDING CLAMPS FZ02/3

for round belts with diameters from 8 mm and V-belt profiles up to 32 (D)



SIDE CUTTER SE02

for removing the weld seam



SHEARS AS02

for cutting round belts and V-belts



GUIDING CLAMPS FZ01

for round belts with diameters of up to 10 mm and V-belt profiles up to 10 (Z)



WELDING TOOL SG02

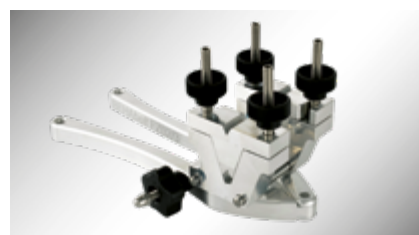
for PU 290-300°C;
power supply: 230 V

SERVICE CASE PREMIUM

This five-piece service case premium is suitable for daily use. With its ergonomic and temperature regulated EErgo welding tool, TPE and urethane belts can be welded quite easily at the press of a button. Due to the short warm-up phase, of less than two minutes, the tool is optimised for instant use.

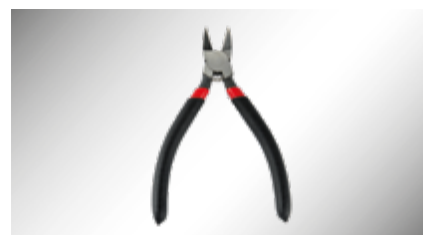
The versatile FZ01 Vario clamps are a perfect complement to the other tools in the welding set. The quick clamping function allows round belts with diameters up to 10 mm and V-belts up to profile 10 to be clamped and welded within a short space of time. The exchangeable profile jaws also make it possible to process special profiles. The service case premium also includes a second set of guiding clamps, which are used for round belts with diameters from 8 mm upwards and V-belts with profiles of up to 32.

The set is completed by a pair of shears with an adjustable angled stop that allows both straight and angled cuts, and a side cutter for removing welded seams.



GUIDING CLAMPS FZ02/3

for round belts with diameters from 8 mm and V-belt profiles up to 32 (D)



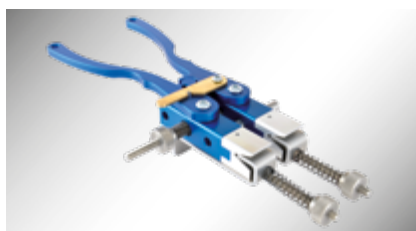
SIDE CUTTER SE02

for removing the weld seam



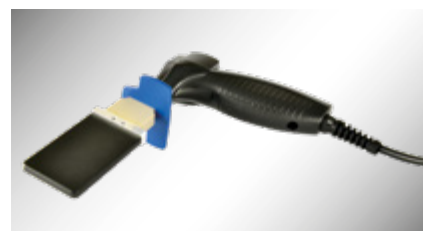
SHEARS AS04

with adjustable angled stop



GUIDING CLAMPS FZ01 VARIO

with exchangeable profile jaws, for round belts with diameters of up to 10 mm and V-belt profiles up to 10 (Z)



WELDING TOOL EERGO

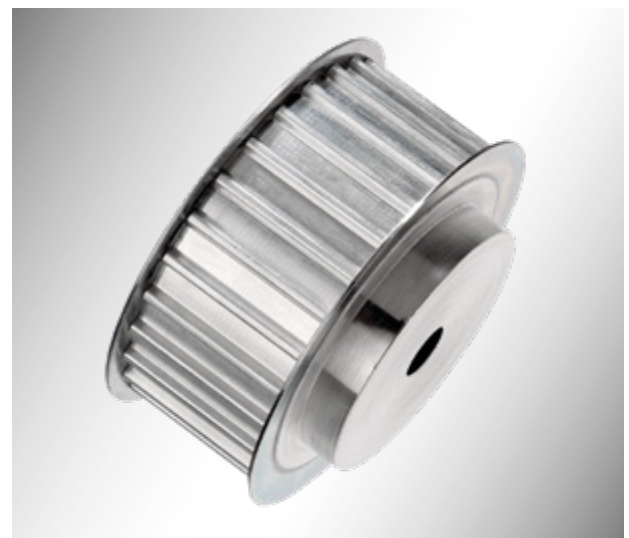
for TPE and PU; under 2 minutes warm-up time; temperature regulated welding tool, ergonomic and quick

TIMING BELT PULLEYS

optibelt **ZRS**

STANDARD TIMING BELT PULLEYS WITH CYLINDRICAL DRILLED HOLE

Profile	Width code	Number of teeth
XL	037	10 – 72
L	050	10 – 84
	075	10 – 84
	100	10 – 84
H	075	14 – 48
	100	14 – 120
	150	14 – 120
	200	14 – 120
	300	16 – 120
XH	200	18 – 96
	300	18 – 96
	400	18 – 96



Standard timing belt pulleys with cylindrical drilled hole

Profile	Belt width [mm]	Number of teeth
5M	9	12 – 72
	15	12 – 72
	25	12 – 72
8M	20	22 – 192
	30	22 – 192
	50	22 – 192
	85	22 – 192
14M	40	28 – 216
	55	28 – 216
	85	28 – 216
	115	28 – 216
	170	28 – 216

Profile	Belt width [mm]	Number of teeth
T5	10	10 – 60
	16	10 – 60
	25	10 – 60
T10	16	10 – 60
	25	10 – 60
	32	18 – 60
	50	18 – 60
AT5	10	12 – 60
	16	12 – 60
	25	12 – 60
AT10	16	15 – 60
	25	15 – 60
	32	18 – 60
	50	18 – 60

optibelt ZRS

STANDARD TIMING BELT PULLEYS FOR TAPER BUSHES

Profile	Belt width [mm]	Number of teeth
5M	15	34 – 150
8M	20	22 – 90
	30	22 – 144
	50	28 – 192
	85	34 – 192
14M	40	28 – 216
	55	28 – 216
	85	28 – 216
	115	28 – 216
	170	38 – 216



Taper bushes

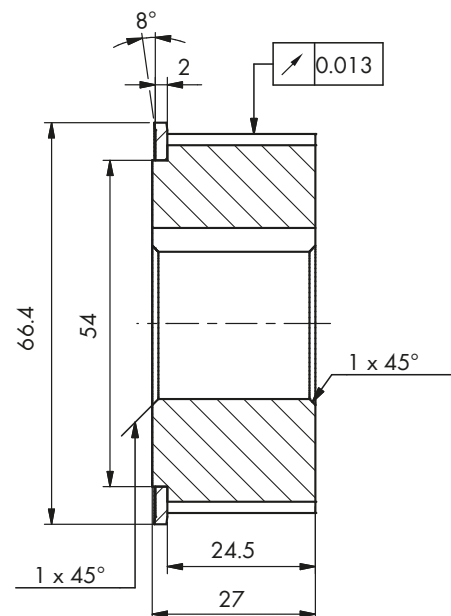
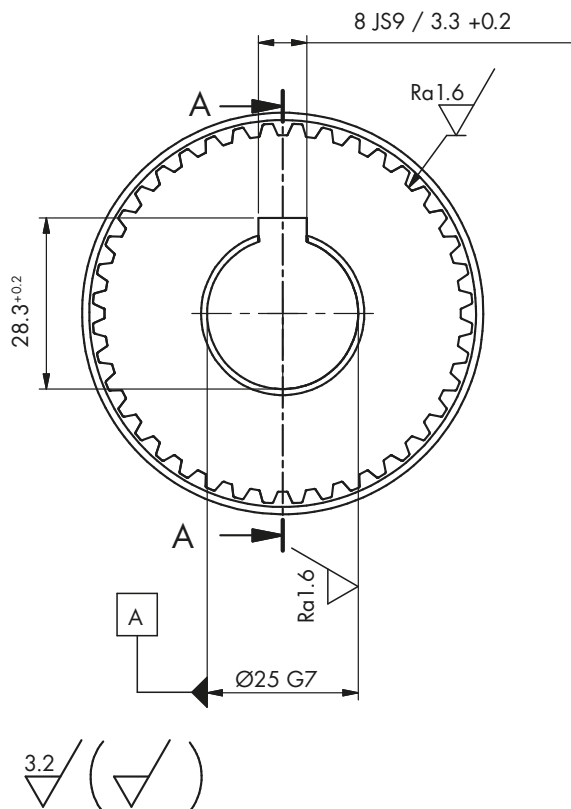
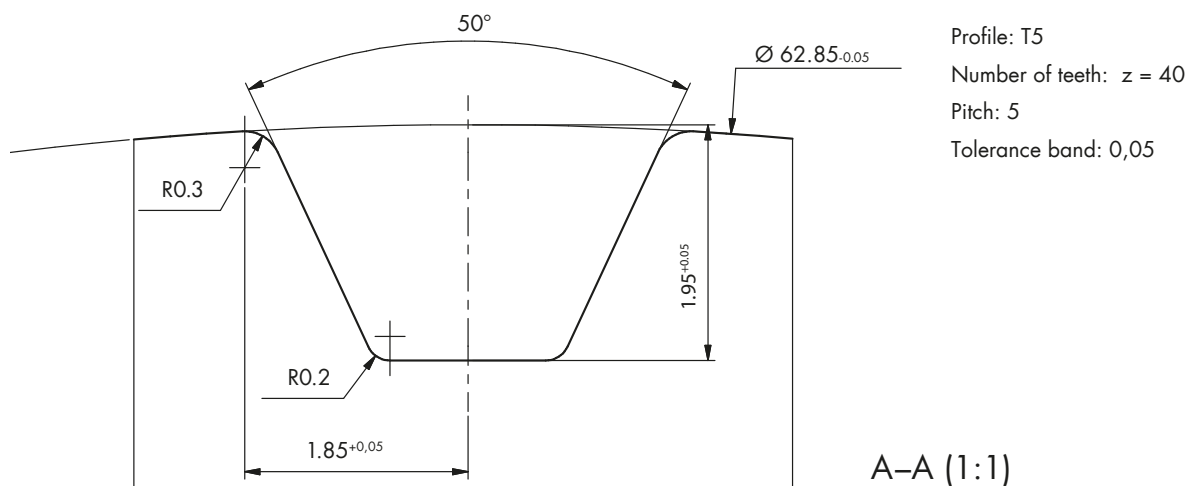
Standard timing belt pulleys
for taper bushes

Profile	Width code	Number of teeth
L	050	18 – 120
	075	18 – 120
	100	18 – 120
H	100	16 – 120
	150	18 – 120
	200	18 – 120
	300	20 – 120
XH	200	18 – 48
	300	18 – 48
	400	20 – 48

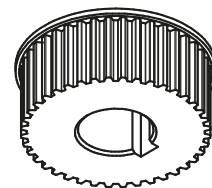
TIMING BELT PULLEY

ACCORDING TO DRAWING

CUSTOMISED SOLUTION



3-D-view M 1:2



optibelt ONLINE

– CLEAT SELECTOR

FINDING THE RIGHT CLEAT

With an online tool, Optibelt now enables quick and clear access to its comprehensive cleat range. Using this cleat selector, customers can select their individual transport solution from a standard spectrum of more than 400 different cleat shapes, specifically for their application, or have them adapted subsequently to their requirements. The selection mask of this online tool can be used to access the most important basic data regarding the shape, material and dimensions of the cleats. Each hit with the associated information can then be downloaded free of charge as a PDF or CAD file.



– DATA SHEET SELECTOR

CURRENT DATA SHEETS ON DEMAND

The data sheet selector allows quick and clear online access to data sheets for the Optibelt product groups **optibelt ALPHA TORQUE**, **optibelt ALPHA POWER**, **optibelt ALPHA FLEX**, **optibelt ALPHA LINEAR** and **optibelt ALPHA V**. By selecting the base belts, profiles and tension cords, the corresponding data sheet for the timing belt can be found. The data sheet does not only include the most important basic data about the belts, but also relevant design data, such as minimum diameters for pulleys and idlers. Each data sheet can then be downloaded free of charge as a PDF file.



– PRICE CALCULATOR

QUICK COST SUMMARY

With the aid of the price calculator, the prices for the standard products **optibelt ALPHA FLEX**, **optibelt ALPHA LINEAR** and **optibelt ALPHA V** of the Optibelt Material Handling segment can be requested quickly and easily online. Depending on the base belt selected with the requested profile, the tension cords available and the possible fabric combinations are displayed. Based on this, the prices for suitable drive solutions can be calculated specifically. Following this, an official quotation indicating the price and the delivery time can be requested.



GUIDELINES

FOR MORE QUALITY AND SUSTAINABILITY

The resolute implementation of stringent guidelines in quality, environmental and energy management in accordance with internationally applicable standards is an integral part of our corporate philosophy within the Arntz Optibelt Group.

The Environmental Management System in accordance with DIN EN ISO 14001 effectively helps Optibelt to continuously improve the company's environmental performance and permanently prevent adverse environmental impacts. All of the environmental effects of work processes and products are continuously determined and evaluated. The Energy Management System, in accordance with DIN EN ISO 50001, has enabled Optibelt to put important conditions and measures into place for the sustainable management of energy and raw material sources within the company. Their use and consumption can thus be purposely optimised – for sustainable energy efficiency.

The same high standards apply in the area of Quality Management, in accordance with DIN EN ISO 9001. Here, all of the Optibelt employees are highly committed, every day, to pursuing the objectives of meeting the most exacting demands in the areas of products, customer consultation, service and customer satisfaction and to continuously improving internal processes with the aim of improving efficiency.



NOTES

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