OPTIBELT’s quality ensures our operations always run their best.”
Paul, 46, Chief Engineer

OPTIBELT polyurethane timing belts prove their value because of their impressive performance and reliability. With industry leading quality standards, engineered materials, and state-of-the-art manufacturing facilities OPTIBELT can provide the solutions you need to keep your operations running.
APPLICATION EXAMPLES

**POWER TRANSMISSION DRIVES**
- Machine tools
- Textile machines
- Printing machines
- Packaging machines
- Office machines
- Medical devices
- Robots
- Handling devices

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

**CONVEYOR DRIVES**
- Parallel conveyors
- Synchronous conveyors
- Inclined conveyors
- Accumulating conveyors
- Vacuum conveyors
- Take-up and transfer units
- Separators
- Workpiece positioners
<table>
<thead>
<tr>
<th>PRODUCT GROUPS</th>
<th>ALPHA TORQUE</th>
<th>ALPHA POWER</th>
<th>ALPHA SRP</th>
<th>ALPHA FLEX</th>
<th>ALPHA LINEAR</th>
<th>ALPHA V</th>
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</thead>
<tbody>
<tr>
<td>Casted, endless</td>
<td></td>
<td></td>
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<td>Extruded,</td>
<td>Extruded,</td>
<td>Welded,</td>
</tr>
<tr>
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<td>open-ended</td>
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<td>endless</td>
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<tr>
<td>BASIC PROFILES</td>
<td>PROFILE</td>
<td>PROFILE</td>
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<td>Profile T</td>
<td>T2.5, T5, T10, T20</td>
<td>T5, T10, T20, DT5, DT10</td>
<td>T5, T10, T20</td>
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<tr>
<td>Profile TK, wedge</td>
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<td>T5K6, T10K6, T10K13</td>
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<td>Profile AT</td>
<td>AT5, AT10</td>
<td>AT5, AT10, AT20, DAT5, DAT10</td>
<td>AT5, AT10, AT20</td>
<td>AT5, AT10, AT20, DAT5¹, DAT10¹</td>
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<tr>
<td>Profile ATK, wedge</td>
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<td>AT5K6, AT10K6, AT10K13</td>
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<td>Profile ATL</td>
<td></td>
<td></td>
<td>ATL5, ATL10, ATL20</td>
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<tr>
<td>Profile HTD®</td>
<td>5M, 8M, 14M, D5M, D8M</td>
<td>5M, 8M, 14M, 14ML</td>
<td>5M, 8M, 14M, 14ML</td>
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<tr>
<td>Profile F, flat belts</td>
<td>F2, F2.5, F3, FL3</td>
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<td>F2, F2.5, F3, FL3</td>
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<tr>
<td>Standard tension cord²</td>
<td>Steel</td>
<td>Steel, high flexible</td>
<td>Steel, high flexible, excluding imperial profiles, T5, ATL10, AT20, F2.5, F3</td>
<td>Steel, high flexible, excluding imperial profiles, T5, ATL10, AT20, F2.5, F3</td>
<td>Stainless steel excluding L, 5M, 14M, T5, AT5, ATL10, AT20, F2.5, F3</td>
<td>On request</td>
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<tr>
<td>Special tension cords</td>
<td>Aramid</td>
<td>Aramid</td>
<td>Aramid, Steel, high flexible</td>
<td>Aramid, Steel, high flexible, excluding imperial profiles, T5, ATL10, AT20, F2.5, F3</td>
<td>Stainless steel excluding L, 5M, 14M, T5, AT5, ATL10, AT20, F2.5, F3</td>
<td>On request</td>
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<tr>
<td>Optionally without coiling sleeve</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>+³</td>
<td></td>
</tr>
</tbody>
</table>

¹ Double toothed profiles on request
² … and without the according profiles TK, ATK
³ Profile T10 available without coiling sleeve, further profiles on request
POWER TRANSMISSION DRIVES

SECTION SIZES

*MXL, *XL, T2.5, T5, T10, T20
*only available in ALPHA TORQUE

DT2.5, DT5, DT10

AT5, AT10

Casting process for ALPHA POWER and ALPHA TORQUE timing belts

ALPHA TORQUE
ENDLESS, CASTED POLYURETHANE TIMING BELTS

- Sleeve height up to 380 mm
- Belt lengths up to 2250 mm
- Color options available
- Tension members: steel, high flexible steel, aramid, stainless steel, polyester, Vectran®

ALPHA POWER
PERFORMANCE ENDLESS, CASTED POLYURETHANE TIMING BELTS

- Up to 30% higher power ratings
- High indexing precision and narrow tolerances
- Tension members: steel, high flexible steel, stainless steel
**SECTION SIZES**

<table>
<thead>
<tr>
<th>Section Sizes</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>H, T5, T10, T20</td>
<td><img src="image1.png" alt="Diagram" /></td>
</tr>
<tr>
<td>DT5, DT10</td>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
<tr>
<td>AT5, AT10, AT20</td>
<td><img src="image3.png" alt="Diagram" /></td>
</tr>
<tr>
<td>DAT5, DAT10</td>
<td><img src="image4.png" alt="Diagram" /></td>
</tr>
<tr>
<td>5M, 8M, 14M</td>
<td><img src="image5.png" alt="Diagram" /></td>
</tr>
<tr>
<td>D5M, D8M</td>
<td><img src="image6.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**ALPHA FLEX**

**ENDLESS, EXTRUDED POLYURETHANE TIMING BELTS**

- 1,500 mm to 24,000 mm length range
- Production widths 100 mm or 150 mm
- Optional with polyamide fabric on the teeth
- Optional direct weld on cleats and guides
- Optional high-flex or stainless steel tension cords

**NATURAL TRACKING**

ALPHA FLEX is manufactured with counterwound cords. This means for every cord with a right-to-left “S” twist, there is a counterbalancing left-to-right “Z” twist cord. OPTIBELT’s method eliminates any pull bias for the truest running belts in the industry.
LINEAR DRIVES
**SECTION SIZES**

<table>
<thead>
<tr>
<th>XL, L, H, XH, T5, T10, T20</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT5, AT10, AT20, ATL5, ATL10, ATL20</td>
</tr>
<tr>
<td>5M, 8M, 14M, 14ML</td>
</tr>
<tr>
<td>F2, F2.5, F3, FL3</td>
</tr>
</tbody>
</table>

**ALPHA LINEAR**

**OPEN-ENDED, EXTRUDED POLYURETHANE TIMING BELTS**

- High tension force with low elongation
- High positioning accuracy
- Optional design includes high flexible steel, aramid, and stainless steel tension members
- Available with polyamide fabric layers on the teeth and/or the belt top surface
- PU optionally with FDA/EU approval for direct contact with food
- Optional with thicker belt back, T2, PU foam yellow and APL plus
- Optional colors available
- Roll lengths 50 m or 100 m; > 100 m available

ALPHA FLEX’s parallel tension cords and extruded polyurethane construction
CONVEYOR DRIVES
SECTION SIZES

ALPHA SRP

CLEATED CAST POLYURETHANE TIMING BELTS

- Easy production of small belts with cleats through molding process
- Precision manufacturing for placing a large number of cleats in a small area.
- Precision cleat geometries due to the cast polyurethane process
- High stability of the cleat on the base belt due to homogeneous compounding

CAST POLYURETHANE TIMING BELTS WITH DUAL LAYER POLYURETHANE BACKING:

- Production of small coated timing belts or flat belts by molding process
- Backings without joints
- High backing adhesion properties due to homogeneous compounding

THE ALPHA SRP IS BASED ON THE BELT DESIGNS OF THE ALPHA POWER OR ALPHA TORQUE TIMING BELT RANGE. ADDITIONAL OPTIONS AVAILABLE.
CONVEYOR DRIVES

**PROFILES**

- **ALPHA V**

  **WELDED POLYURETHANE TIMING BELTS**
  - Minimum length ranges: 450 mm to 1200 mm
  - Belt lengths available in every pitch step
  - Low-priced and quick availability
  - Ideal for product transport drives
  - Available with polyamide fabric on the teeth and/or on the belt top surface
  - Available in FDA/EU compliant construction for direct contact with food
  - Optional with thicker backings: T2, PU foam yellow, and APL plus
  - High bond integrity of cleats and guides
  - 50% more shear resistance compared to standard spliced belts

Finger-shaped cuts provide for a larger and far superior bonding surface
ALPHA SPECIAL

POLYURETHANE TIMING BELTS WITH BACKINGS OR COATINGS

PVC foils are applied after the extrusion process, however optibelt APL Plus coating is applied during the extrusion process. ALPHA V, in combination with the coating, allows for joint-less and completely adhesive for easy and cost-effective conveyance.

TIMING BELTS WITH COATINGS

optibelt ALPHA SPECIAL line allow for innovative, customized and cost effective solutions modern manufacturing operations demand. Contact an OPTIBELT representative for more details.
**FOAM**

**POLYURETHANE (PU)**
- Sylomer R (see picture)
- Sylomer L
- Celloflex
- Sylomer M
- PU-foam yellow
- PU 06

**WITH PROFILES OR STRUCTURES**

**POLYURETHANE (PU)**
- PU longitudinal groove (see picture)
- Painted cone
- PU longitudinal groove fine
- PU-spike profile
- Pebbles rounded cone

**RUBBER**
- Supergrip black (see picture)
- Supergrip blue

**POLYVINYLCHLORIDE (PVC)**
- PVC shark tooth (see upper picture)
- PVC longitudinal groove
- Supergrip petrol blue
- Supergrip green
- Supergrip white (see picture below)
- Minigrip petrol blue
- Minigrip green
- PVC cleats
- PVC fishbone pattern
- PVC saw tooth
- PVC triangular profile
AND SURFACE CHARACTERISTICS

SMOOTH OR SLIGHTLY STRUCTURED

POLYURETHANE (PU)
- PU foil 65 Shore A
- Polythane D15
- Polythane D44
- PU foil blue
- PU foil 85 Shore A
- T2 (shown)
- PU foil 92 Shore A
- Higher back

RUBBER
- RP 400 (shown)
- Correx beige
- Linatex
- Linaplus FGL
- NG red
- Linatire
- Elastomer green

POLYVINYLCHLORIDE (PVC)
- PVC foil petrol blue (shown)
- PVC foil green
- PVC foil blue
- PVC foil white
- APL plus
- PVC pepita

PA FABRIC
- PA fabric
- PA fabric anti static

SPECIAL
- PTFE (shown, top)
- TT60
- Para flees
- Chrome leather (shown, bottom)
- Viton
## STANDARD EXAMPLES

<table>
<thead>
<tr>
<th>Coatings and Backings</th>
<th>Name, color, material</th>
<th>Hardness/density Slaving capacity</th>
<th>Temp. Range Abrasion Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Standard thickness $s$ [mm] Minimum pulley $\varnothing$ [mm]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sylomer L, green, PU foam</td>
<td>$s$ 6.0 12.0 15.0 20.0 25.0 $\varnothing$ 120 240 300 400 500</td>
<td>$\approx 300$ kg/m$^2$</td>
<td>$-30^\circ\text{C} ... +70^\circ\text{C}$</td>
</tr>
<tr>
<td>PU 06, yellow, fine pored PU</td>
<td>$s$ 2.0 3.0 4.0 5.0 6.0 8.0 $\varnothing$ 60 70 80 100 120 160</td>
<td>$\approx 55$ Shore A</td>
<td>$-10^\circ\text{C} ... +60^\circ\text{C}$</td>
</tr>
<tr>
<td>PU foil 85 shore a, transparent, PU</td>
<td>$s$ 2.0 3.0 4.0 $\varnothing$ 60 80 100</td>
<td>$\approx 85$ Shore A</td>
<td>$-10^\circ\text{C} ... +70^\circ\text{C}$</td>
</tr>
<tr>
<td>Linatex, red, natural rubber</td>
<td>$s$ 1.5 2.4 3.2 5.0 6.4 8.0 $\varnothing$ 30 50 65 100 140 180</td>
<td>$\approx 38$ Shore A</td>
<td>$-40^\circ\text{C} ... +70^\circ\text{C}$</td>
</tr>
<tr>
<td>PU longitudinal groove, fine, transparent, PU</td>
<td>$s$ 3.5 $\varnothing$ 70</td>
<td>$\approx 85$ Shore A</td>
<td>$-10^\circ\text{C} ... +70^\circ\text{C}$</td>
</tr>
<tr>
<td>Supergrip petrol blue, polyvinyl chloride</td>
<td>$s$ 4.0 $\varnothing$ 60</td>
<td>$\approx 40$ Shore A</td>
<td>$-10^\circ\text{C} ... +90^\circ\text{C}$</td>
</tr>
<tr>
<td>APLplus, red, elastic PVC</td>
<td>$s$ 2.0 3.0 $\varnothing$ 60 80</td>
<td>$\approx 65$ Shore A</td>
<td>$-20^\circ\text{C} ... +100^\circ\text{C}$</td>
</tr>
</tbody>
</table>
ALPHA SPECIAL
MECHANICAL PROCESSING
Additional geometrical and dimensional adaptations of standard timing belts, coated belts, and belt cleats extend the application options.

The following processes are available for forward machining:

- Grinding
- Milling
- Water jet cutting
- Punching
- Drilling
- Cutting, Carving
CLETING EXAMPLES

ALPHA SPECIAL

POLYURETHANE TIMING BELTS WITH CLEATS

Cleats can be applied on ALPHA LINEAR, ALPHA V, and ALPHA FLEX timing belts using various processes.

These include welding, chemical bonding, and mechanical connections. The in-house injection molding process ensures good product availability.

In case you cannot find the suitable cleat in our product range, we can produce or adapt it according to your requirements in a cost-effective way.

We will be pleased to support you in finding the suitable solution for your transport tasks.

Cleats including punched holes with attachments for tool carriers

ONLINE CLEAT SELECTOR

Build your custom conveyor belt online at:
www.optibelt.com/cleat-selector

Select from over 300 custom cleats, belt sizes, and much more!
ALPHA SPECIAL
POLYURETHANE TIMING BELTS WITH CLEATS

In contrast to coatings with frictional connection, cleats allow for synchronous traction of the goods to be moved on conveyor drives. They also can:

• convey products in one consistent direction
• position products on the conveyor belt
• allow for product sorting
• secure items for high acceleration and/or high speed transfer
• synchronize product delivery

The OPTIBELT cleat range offers customized cast blanks and cleats, which can be used for different applications. The casts can be adapted using two production methods:

• Machining
• Injection molding

This cast blank process lowers custom production costs while ensuring quality and consistency.

AVAILABLE STANDARD POLYURETHANE CLEAT MATERIALS:

• PU 92 Shore A, white
• PU 65 and 85 Shore A, transparent
• PU 98 Shore A, grayish white
• PU FDA 85 Shore A, transparent/blu
• GFK (PU)

Additional materials and colors available.

Shape and function of the cleat

<table>
<thead>
<tr>
<th>simple</th>
<th>special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rectangle</td>
<td>Round</td>
</tr>
<tr>
<td>T-shaped</td>
<td>L-shaped</td>
</tr>
<tr>
<td>Blades</td>
<td>Trapezoidal Shape</td>
</tr>
<tr>
<td>V-trapezoidal Shape</td>
<td>Triangle</td>
</tr>
<tr>
<td>Concave, Convex</td>
<td>Groove</td>
</tr>
<tr>
<td>Holes</td>
<td>Inserts</td>
</tr>
</tbody>
</table>

Cleats as workpiece carriers
Parallel conveyor with supporting table

Rectangle Round T-shaped L-shaped Blades Trapezoidal Shape V-trapezoidal Shape Triangle Concave, Convex Groove Holes Inserts
ALPHA SPECIAL

CUSTOMIZED POLYURETHANE TIMING BELTS

OPTIBELT’s manufacturing expertise has allowed us to develop specialty solutions for the conveyance, food, packaging, glass, wood, linear drives, and medical applications.

• All product groups of endless and joined belts can be used for conveyance. Examples: parallel and synchronous conveyors, inclined conveyors, accumulating conveyors, vacuum conveyors, separators or work-piece positioners, exhaust units
• The base belts can be adapted for specialty conveyance, using coatings and/or cleats
• The base belt, coating, and cleat can all be further machined.

COATED TIMING BELTS HAVE THE FOLLOWING CHARACTERISTICS:

• Improved chemical resistance, e.g. for applications in food industry
• High abrasion resistance, e.g. accumulation conveyors
• High temperature resistance, e.g. for the conveyance of heat treated parts
• Good cut resistance, e.g. for sharp-edged goods to be conveyed
• Non-stick, e.g. for contact with adhesives
• Anti-static, e.g. for the conveyance of electronic parts
• Absorption of shocks, e.g. when placing sensitive goods
OPTIBELT has developed a process for on-demand manufacturers who need product conveyance. By using the same timing section profile, but applying various shape and depth backings, manufacturers can run multiple belt sets in tandem to transfer their products. This cost-effective solution securely transfers products of different sizes on the same conveyor line.

The example given in the picture presents a customized solution for the conveyance of semi-finished products. In this particular case, an optibelt ALPHA V AT20–ST was coated with the coating material Sylomer L, green, PU foam. Afterwards, grooves and holes were cut out using water jet, and vacuum pockets were milled with an NC milling machine. With this belt, the semi-finished products can be conveyed on to further processing steps using vacuum technology.

Customized solution for the conveyance of semi-finished goods

The customized solution shown in this picture was manufactured for a customer from the pet/animal food industry in order to convey empty pet/animal food packaging to filling stations. The belt back was coated with a natural rubber (RP 400, yellow) and equipped with cleats. The welded cleats have an additional glass fiber reinforced protective layer in order to counter the high shear forces of the sharp-edged pet/animal food packaging. The cleats also ensure exact product positioning.

Customized solution for the conveyance of pet/animal food packaging

Customized solution for the conveyance of on-demand products of varying sizes
MECHANICAL TIMING BELT JOINTS

**ZS and ZSi**

**DESIGNED FOR THE REPEATED DETACHING AND JOINING OF TIMING BELTS.**

AT10 and Hex profile designs are available in stainless steel. This connection can be used in combination with OPTIBELT timing belts in the food and pharmaceutical industry. For profile T10, the toothed side inserts are brass which is not compliant with use in the food and pharmaceutical industry.

The back plates are connected with the inserts on the toothed side via bolts that are screwed on through the belt. The belt back of ZSi is 1 mm higher so the back plates are embedded into the timing belt and end at the height of the belt back.

The standard widths belt joints for the profiles AT10 and T10 are 25, 32, and 50 mm, and for the H profile 25.4, 38.1, and 50.8 mm.

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

DESIGNED FOR ON SITE, ONE TIME, TIMING BELT CONNECTION.

The belt is joined using threaded stainless steel pins in cross holes through the tooth. This connection can be used in combination with OPTIBELT timing belts in food and pharmaceutical industry.

The pinjoin connection can also be used with coated belts. In the spot of the connection the coating is placed face to face. The standard width ranges of lock connections for the profile AT10 are 25, 32, and 50 mm.

Further profiles, intermediate widths, and widths exceeding 50 mm are available upon request.
ROUND POLYURETHANE BELTS

**RR/RR PLUS**

**POLYURETHANE ROUND BELTS**

Optibelt round belts are produced as open-ended rolls in special production processes. Diameters are available from 2 mm to 20 mm. Optibelt’s RR PLUS is designed with a polyester tension cord for additional power capacity.

**CHARACTERISTICS**

- Superior friction coefficient
- Good skid resistance during conveyance
- Abrasion resistant
- High elasticity
- High tensile strength
- Non-marking color
- Resistant against grease, oil and various chemicals
- UV and ozone resistant
- RR PLUS features low stretch cord

**ADVANTAGES**

- Can be welded together on site
- No disassembly of the drive/shafts for installation
- Allows for quick replacement and shortened downtime
- Simple storage (on rolls)
- Immediately available
- Diverse construction designs, as every desired length can be produced

**CONVEYANCE APPLICATIONS USES:**

- 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 PLUS is especially suitable for use in long conveyors

**SHORE A 82 YELLOW**
For small deflecting pulleys; flexible at low temperatures; very elastic; low power transmission capability.

**SHORE A 85 LIGHT BLUE FDA**
Food industry for direct contact with food.

**SHORE A 88 GREEN (SMOOTH/ROUGH)**
Moderate loads; rough surface for the conveyance of wet or greasy products and optimizes slaving.

**SHORE A 92 WHITE**
Application: for medium to heavy loads; the white design still offers enough flexibility; for continuous operation even at higher temperatures.

**SHORE A 98 BLUE**
For extreme loads and high temperatures; very strong quality; please respect the minimum pulley diameter by all means.

**SHORE A 65 BLACK**
For special applications; 5 mm to 12 mm diameters available; very flexible at low temperatures; extremely soft material.
TIMING BELT PULLEYS

METAL PRODUCTS
**METAL PULLEYS**

**BORE TO SIZE**

<table>
<thead>
<tr>
<th>OMEGA Profile</th>
<th>Width Code</th>
<th>Number of Teeth</th>
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<tbody>
<tr>
<td>5M</td>
<td>9</td>
<td>12 – 72</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>12 – 72</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>12 – 72</td>
</tr>
<tr>
<td>8M</td>
<td>20</td>
<td>22 – 192</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>22 – 192</td>
</tr>
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<td></td>
<td>50</td>
<td>22 – 192</td>
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<tr>
<td></td>
<td>85</td>
<td>22 – 192</td>
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<tr>
<td>14M</td>
<td>40</td>
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<td></td>
<td>55</td>
<td>28 – 216</td>
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<td></td>
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<tr>
<td></td>
<td>115</td>
<td>28 – 216</td>
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<tr>
<td></td>
<td>170</td>
<td>28 – 216</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ALPHA Profile</th>
<th>Belt Width [mm]</th>
<th>Number of Teeth</th>
</tr>
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<tbody>
<tr>
<td>T5</td>
<td>10</td>
<td>10 – 60</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>10 – 60</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>10 – 60</td>
</tr>
<tr>
<td>T10</td>
<td>16</td>
<td>10 – 60</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>10 – 60</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td>18 – 60</td>
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<td>50</td>
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<td>25</td>
<td>12 – 60</td>
</tr>
<tr>
<td>AT10</td>
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<td>15 – 60</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>15 – 60</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td>18 – 60</td>
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<td>50</td>
<td>18 – 60</td>
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<table>
<thead>
<tr>
<th>ALPHA or ZR Profile</th>
<th>Width Code</th>
<th>Number of Teeth</th>
</tr>
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<tbody>
<tr>
<td>XL</td>
<td>037</td>
<td>10 – 72</td>
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<tr>
<td>L</td>
<td>050</td>
<td>10 – 84</td>
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<tr>
<td></td>
<td>075</td>
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<td>100</td>
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<tr>
<td>H</td>
<td>075</td>
<td>14 – 48</td>
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<tr>
<td></td>
<td>100</td>
<td>14 – 120</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>14 – 120</td>
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<tr>
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<td>16 – 120</td>
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<tr>
<td>XH</td>
<td>200</td>
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<tr>
<td></td>
<td>300</td>
<td>18 – 96</td>
</tr>
<tr>
<td></td>
<td>400</td>
<td>18 – 96</td>
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</tbody>
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**NOTE:**
- ALPHA Profiles are polyurethane timing belt sections
- ZR Profiles are neoprene rubber timing belts sections
- OMEGA Profiles are rubber timing belts sections
### ALPHA or ZR Profile

<table>
<thead>
<tr>
<th>Belt Width [mm]</th>
<th>Number of Teeth</th>
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<tbody>
<tr>
<td>L 050</td>
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<tr>
<td>L 075</td>
<td>18–120</td>
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<tr>
<td>L 100</td>
<td>18–120</td>
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<tr>
<td>H 100</td>
<td>16–120</td>
</tr>
<tr>
<td>H 150</td>
<td>18–120</td>
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<tr>
<td>H 200</td>
<td>18–120</td>
</tr>
<tr>
<td>H 300</td>
<td>20–120</td>
</tr>
<tr>
<td>XH 200</td>
<td>18–48</td>
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<tr>
<td>XH 300</td>
<td>18–48</td>
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<tr>
<td>XH 400</td>
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</table>

### OMEGA Profile

<table>
<thead>
<tr>
<th>Belt Width [mm]</th>
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</thead>
<tbody>
<tr>
<td>5M 15</td>
<td>34–150</td>
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<td>8M 20</td>
<td>22–90</td>
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<td>30</td>
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<td>85</td>
<td>34–192</td>
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<td>14M 40</td>
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<tr>
<td>55</td>
<td>28–216</td>
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<tr>
<td>85</td>
<td>28–216</td>
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<tr>
<td>115</td>
<td>28–216</td>
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<tr>
<td>170</td>
<td>38–216</td>
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</tbody>
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**Custom pulleys are available. Contact an OPTIBELT representative for details.**

**TAPER LOCK**

Taper bushings