

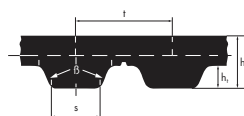
# optibelt ALPHA TORQUE

## POLYURETHANE TIMING BELTS

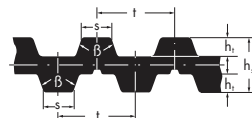
maintenance-free, with steel wire cord



**Profiles:**  
T2.5, T5, T10, MXL, XL, L



**Profiles:**  
AT3, AT5, AT10



**Profiles:**  
DT5, DT10



|  | T2,5               | T5                 | T10                | AT3                | AT5                | AT10               | DT5                | DT10               | MXL                | XL                 | L                  |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Nominal length   | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ | Pitch length $L_w$ |
| Nominal lengths unit   | mm                 | mm                 | mm                 | mm                 | mm                 | mm                 | mm                 | mm                 | in                 | in                 | in                 |
| Height of belt $h_s$ [mm]                                    | 1.30               | 2.20               | 4.50               | 1.90               | 2.70               | 5.00               | 3.31               | 6.84               | 1.14               | 2.30               | 3.60               |
| Tooth height $h_t$ [mm]                                      | 0.70               | 1.20               | 2.50               | 1.10               | 1.20               | 2.50               | 1.20               | 2.50               | 0.51               | 1.27               | 1.91               |
| Tooth pitch $t$ [mm]   | 2.50               | 5.00               | 10.00              | 3.00               | 5.00               | 10.00              | 5.00               | 10.00              | 2.032              | 5.08               | 9.525              |
| Tooth angle $\beta$ [°]                                      | 40                 | 40                 | 40                 | 50                 | 50                 | 50                 | 40                 | 40                 | 40                 | 50                 | 40                 |
| Tooth width $s$ [mm]   | 1.00               | 1.80               | 3.50               | 1.50               | 2.50               | 5.00               | 1.80               | 3.50               | -                  | 1.37               | 3.20               |
| Extra charge. Aramid tension cord (AR) [%]                   | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | on request         | on request         | on request         |
| Extra charge for highly flexible steel tension cord (HF) [%] | -                  | 40                 | 40                 | -                  | 40                 | 40                 | 40                 | 40                 | on request         | on request         | on request         |
| Extra charge for stainless steel tension cord (RF) [%]       | 40                 | 40                 | 40                 | 40                 | -                  | 40                 | 40                 | 40                 | on request         | on request         | on request         |

• Non stock items, minimum order quantity on request

Sleeve width tolerances +/- 10 mm

Profile T2, T20, DT2,5 and S3M price, minimum order quantity and delivery time on request  
Further tensiles on request.



\* Surcharges for alternative versions:

Not all dimensions are available for all of the alternative versions. The feasibility, minimum order quantity and delivery time must be assessed in each case.

ALPHA TORQUE SPECIAL (upgrade)

For details of the upgraded/cast special belts made of polyurethane, please see our compact catalogue „Material Handling“

ALPHA SRP (cast – endless) Profile AT3 - AT5 - AT10 - AT20 - T2.5 - T5 - T10 - T20 - MXL - XL - L

Price, minimum order quantity and delivery period available on request.



Further details about ALPHA TORQUE and ALPHA SRP can be found on our website [www.optibelt.com/material-handling](http://www.optibelt.com/material-handling) (see also QR code).

Cord types: AR= Aramid tension cord HF= Highly flexible steel tension cord RF= Stainless steel tension cord ST= Steel wire cord

Ordering example: 240 MXL 012

240= Length code MXL= Profile 012= Width code

Ordering example: 6 T5 / 260

6= Belt width in mm T5= Profile 260= Belt length in mm

Please make sure to mention the product name in your order.

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>DT5</b>  |                     |                 |                   |
| DT5 150     | 150.00              | 30              | 200               |
| DT5 300     | 300.00              | 60              | 200               |
| DT5 350 •   | 350.00              | 70              | 145               |
| DT5 400     | 400.00              | 80              | 380               |
| DT5 410     | 410.00              | 82              | 380               |
| DT5 450     | 450.00              | 90              | 380               |
| DT5 460     | 460.00              | 92              | 380               |
| DT5 480     | 480.00              | 96              | 380               |
| DT5 500     | 500.00              | 100             | 380               |
| DT5 515     | 515.00              | 103             | 380               |
| DT5 550     | 550.00              | 110             | 380               |
| DT5 590     | 590.00              | 118             | 380               |
| DT5 600     | 600.00              | 120             | 380               |
| DT5 620     | 620.00              | 124             | 380               |
| DT5 650     | 650.00              | 130             | 380               |
| DT5 700     | 700.00              | 140             | 380               |
| DT5 750     | 750.00              | 150             | 380               |
| DT5 800     | 800.00              | 160             | 145               |
| DT5 815     | 815.00              | 163             | 380               |
| DT5 860     | 860.00              | 172             | 380               |
| DT5 900     | 900.00              | 180             | 380               |
| DT5 940     | 940.00              | 188             | 380               |
| DT5 1100    | 1100.00             | 220             | 380               |