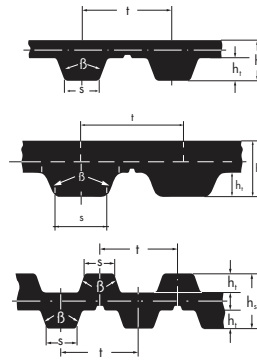




# optibelt ALPHA POWER

**HIGH PERFORMANCE POLYURETHANE TIMING BELTS**  
 maintenance-free, with steel wire cord



**Profiles:**  
**T2.5, T5, T10**

**Profiles:**  
**AT5, AT10**

**Profiles:**  
**DT5, DT10**



|  | T2.5               | T5                 | T10                | AT5                | AT10               | DT5                | DT10               |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 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 $L_w$ |
| Nominal lengths unit   | mm                 | mm                 | mm                 | mm                 | mm                 | mm                 | mm                 |
| Height of belt $h_s$ [mm]                                      | 1.30               | 2.20               | 4.50               | 2.70               | 5.00               | 3.31               | 6.84               |
| Tooth height $h_t$ [mm]  | 0.70               | 1.20               | 2.50               | 1.20               | 2.50               | 1.20               | 2.50               |
| Tooth pitch $t$ [mm]   | 2.50               | 5.00               | 10.00              | 5.00               | 10.00              | 5.00               | 10.00              |
| Tooth angle $\beta$ [°]  | 40                 | 40                 | 40                 | 50                 | 50                 | 40                 | 40                 |
| Tooth width $s$ [mm]   | 1.00               | 1.80               | 3.50               | 2.50               | 5.00               | 1.80               | 3.50               |
| Extra charge for highly flexible steel tension cord (HF) [%] * | -                  | 40                 | 40                 | 40                 | 40                 | 40                 | 40                 |
| Extra charge for stainless steel tension cord (RF) [%] *       | -                  | 40                 | 40                 | 40                 | 40                 | 40                 | 40                 |

• Non stock items, minimum order quantity on request

Sleeve width tolerances +/- 10 mm



Profile AT3, 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 period must be assessed in each case.

ALPHA POWER SPECIAL (upgrade)

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

ALPHA SRP (cast – open endless)

Profiles AT3 - AT5 - AT10 - AT20 - T2.5 - T5 - T10 - T20 - MXL - XL - L. Price, minimum order quantity and deliverytime on request.

Further details on the ALPHA POWER and ALPHA SPECIAL can be found on our website [www.optibelt.com](http://www.optibelt.com) (see also QR code)

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

Ordering example: 12 T10 / 530

12= Belt width in mm T10= Profile 530= 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>T2.5</b> |                     |                 |                   |
| T2.5 107.5  | 107.50              | 43              | 200               |
| T2.5 120    | 120.00              | 48              | 200               |
| T2.5 145    | 145.00              | 58              | 200               |
| T2.5 150    | 150.00              | 60              | 200               |
| T2.5 160    | 160.00              | 64              | 200               |
| T2.5 177.5  | 177.50              | 71              | 200               |
| T2.5 180    | 180.00              | 72              | 200               |
| T2.5 200    | 200.00              | 80              | 200               |
| T2.5 210    | 210.00              | 84              | 200               |
| T2.5 230    | 230.00              | 92              | 200               |
| T2.5 245    | 245.00              | 98              | 200               |
| T2.5 265    | 265.00              | 106             | 200               |
| T2.5 277.5  | 277.50              | 111             | 200               |
| T2.5 285    | 285.00              | 114             | 200               |
| T2.5 290    | 290.00              | 116             | 200               |
| T2.5 305    | 305.00              | 122             | 200               |
| T2.5 317.5  | 317.50              | 127             | 200               |
| T2.5 330    | 330.00              | 132             | 380               |
| T2.5 342.5  | 342.50              | 137             | 380               |
| T2.5 380    | 380.00              | 152             | 380               |
| T2.5 420    | 420.00              | 168             | 380               |
| T2.5 480    | 480.00              | 192             | 380               |
| T2.5 500    | 500.00              | 200             | 380               |
| T2.5 540    | 540.00              | 216             | 380               |
| T2.5 600    | 600.00              | 240             | 380               |
| T2.5 620    | 620.00              | 248             | 380               |
| T2.5 650    | 650.00              | 260             | 380               |
| T2.5 780    | 780.00              | 312             | 380               |
| T2.5 915    | 915.00              | 366             | 380               |
| T2.5 950    | 950.00              | 380             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>T5</b>   |                     |                 |                   |
| T5 150      | 150.00              | 30              | 200               |
| T5 165      | 165.00              | 33              | 200               |
| T5 185      | 185.00              | 37              | 200               |
| T5 200      | 200.00              | 40              | 200               |
| T5 215      | 215.00              | 43              | 200               |
| T5 220      | 220.00              | 44              | 200               |
| T5 225      | 225.00              | 45              | 200               |
| T5 245      | 245.00              | 49              | 200               |
| T5 250      | 250.00              | 50              | 200               |
| T5 255      | 255.00              | 51              | 200               |
| T5 260      | 260.00              | 52              | 200               |
| T5 270      | 270.00              | 54              | 200               |
| T5 275      | 275.00              | 55              | 200               |
| T5 280      | 280.00              | 56              | 200               |
| T5 295      | 295.00              | 59              | 200               |
| T5 300      | 300.00              | 60              | 200               |
| T5 305      | 305.00              | 61              | 200               |



| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| T5 320      | 320.00              | 64              | 200               |
| T5 325      | 325.00              | 65              | 380               |
| T5 330      | 330.00              | 66              | 380               |
| T5 340      | 340.00              | 68              | 380               |
| T5 350      | 350.00              | 70              | 380               |
| T5 355      | 355.00              | 71              | 380               |
| T5 360      | 360.00              | 70              | 380               |
| T5 365      | 365.00              | 73              | 380               |
| T5 375      | 375.00              | 75              | 380               |
| T5 390      | 390.00              | 78              | 380               |
| T5 400      | 400.00              | 80              | 380               |
| T5 410      | 410.00              | 82              | 380               |
| T5 420      | 420.00              | 84              | 380               |
| T5 425      | 425.00              | 85              | 380               |
| T5 430      | 430.00              | 86              | 380               |
| T5 440      | 440.00              | 88              | 380               |
| T5 445      | 445.00              | 89              | 380               |
| T5 450      | 450.00              | 90              | 380               |
| T5 455      | 455.00              | 91              | 380               |
| T5 460      | 460.00              | 92              | 380               |
| T5 475      | 475.00              | 95              | 380               |
| T5 480      | 480.00              | 96              | 380               |
| T5 500      | 500.00              | 100             | 380               |
| T5 510      | 510.00              | 102             | 380               |
| T5 515      | 515.00              | 103             | 380               |
| T5 525      | 525.00              | 105             | 380               |
| T5 545      | 545.00              | 109             | 380               |
| T5 550      | 550.00              | 110             | 380               |
| T5 560      | 560.00              | 112             | 380               |
| T5 575      | 575.00              | 115             | 380               |
| T5 590      | 590.00              | 118             | 380               |
| T5 600      | 600.00              | 120             | 380               |
| T5 610      | 610.00              | 122             | 380               |
| T5 620      | 620.00              | 124             | 380               |
| T5 625      | 625.00              | 125             | 380               |
| T5 630      | 630.00              | 126             | 380               |
| T5 640      | 640.00              | 128             | 380               |
| T5 650      | 650.00              | 130             | 380               |
| T5 660      | 660.00              | 132             | 380               |
| T5 675      | 675.00              | 135             | 380               |
| T5 690      | 690.00              | 138             | 380               |
| T5 700      | 700.00              | 140             | 380               |
| T5 720      | 720.00              | 144             | 380               |
| T5 725      | 725.00              | 145             | 380               |
| T5 750      | 750.00              | 150             | 380               |
| T5 780      | 780.00              | 156             | 380               |
| T5 800      | 800.00              | 160             | 380               |
| T5 815      | 815.00              | 163             | 380               |
| T5 840      | 840.00              | 168             | 380               |
| T5 850      | 850.00              | 170             | 380               |
| T5 860      | 860.00              | 172             | 380               |
| T5 900      | 900.00              | 180             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| T5 940      | 940.00              | 188             | 380               |
| T5 990      | 990.00              | 198             | 380               |
| T5 1000     | 1000.00             | 200             | 380               |
| T5 1075     | 1075.00             | 215             | 380               |
| T5 1100     | 1100.00             | 220             | 380               |
| T5 1140     | 1140.00             | 228             | 380               |
| T5 1215     | 1215.00             | 243             | 380               |
| T5 1315     | 1315.00             | 263             | 380               |
| T5 1350     | 1350.00             | 270             | 380               |
| T5 1380     | 1380.00             | 276             | 380               |
| T5 1440     | 1440.00             | 288             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>T10</b>  |                     |                 |                   |
| T10 260     | 260.00              | 26              | 200               |
| T10 320     | 320.00              | 32              | 200               |
| T10 350     | 350.00              | 35              | 380               |
| T10 370     | 370.00              | 37              | 380               |
| T10 400     | 400.00              | 40              | 380               |
| T10 410     | 410.00              | 41              | 380               |
| T10 440     | 440.00              | 44              | 380               |
| T10 450     | 450.00              | 45              | 380               |
| T10 500     | 500.00              | 50              | 380               |
| T10 530     | 530.00              | 53              | 380               |
| T10 550     | 550.00              | 55              | 380               |
| T10 560     | 560.00              | 56              | 380               |
| T10 600     | 600.00              | 60              | 380               |
| T10 610     | 610.00              | 61              | 380               |
| T10 630     | 630.00              | 63              | 380               |
| T10 650     | 650.00              | 65              | 380               |
| T10 660     | 660.00              | 66              | 380               |
| T10 690     | 690.00              | 69              | 380               |
| T10 700     | 700.00              | 70              | 380               |
| T10 720     | 720.00              | 72              | 380               |
| T10 750     | 750.00              | 75              | 380               |
| T10 780     | 780.00              | 78              | 380               |
| T10 800     | 800.00              | 80              | 380               |
| T10 810     | 810.00              | 81              | 380               |
| T10 840     | 840.00              | 84              | 380               |
| T10 850     | 850.00              | 85              | 380               |
| T10 880     | 880.00              | 88              | 380               |
| T10 890     | 890.00              | 89              | 380               |
| T10 900     | 900.00              | 90              | 380               |
| T10 910     | 910.00              | 91              | 380               |
| T10 920     | 920.00              | 92              | 380               |
| T10 950     | 950.00              | 95              | 380               |
| T10 960     | 960.00              | 96              | 380               |
| T10 970     | 970.00              | 97              | 380               |
| T10 980     | 980.00              | 98              | 380               |
| T10 1000    | 1000.00             | 100             | 380               |
| T10 1010    | 1010.00             | 101             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| T10 1050    | 1050.00             | 105             | 380               |
| T10 1080    | 1080.00             | 108             | 380               |
| T10 1100    | 1100.00             | 110             | 380               |
| T10 1110    | 1110.00             | 111             | 380               |
| T10 1140    | 1140.00             | 114             | 380               |
| T10 1150    | 1150.00             | 115             | 380               |
| T10 1200    | 1200.00             | 120             | 380               |
| T10 1210    | 1210.00             | 121             | 380               |
| T10 1240    | 1240.00             | 124             | 380               |
| T10 1250    | 1250.00             | 125             | 380               |
| T10 1300    | 1300.00             | 130             | 380               |
| T10 1320    | 1320.00             | 132             | 380               |
| T10 1350    | 1350.00             | 135             | 380               |
| T10 1390    | 1390.00             | 139             | 380               |
| T10 1400    | 1400.00             | 140             | 380               |
| T10 1420    | 1420.00             | 142             | 380               |
| T10 1440    | 1440.00             | 144             | 380               |
| T10 1450    | 1450.00             | 145             | 380               |
| T10 1460    | 1460.00             | 146             | 380               |
| T10 1500    | 1500.00             | 150             | 380               |
| T10 1560    | 1560.00             | 156             | 380               |
| T10 1600    | 1600.00             | 160             | 200               |
| T10 1610    | 1610.00             | 161             | 200               |
| T10 1700    | 1700.00             | 170             | 200               |
| T10 1750    | 1750.00             | 175             | 200               |
| T10 1780    | 1780.00             | 178             | 200               |
| T10 1800    | 1800.00             | 180             | 200               |
| T10 1880    | 1880.00             | 188             | 200               |
| T10 1960    | 1960.00             | 196             | 200               |
| T10 2250    | 2250.00             | 225             | 200               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>AT5</b>  |                     |                 |                   |
| AT5 200     | 200.00              | 40              | 200               |
| AT5 255     | 255.00              | 51              | 200               |
| AT5 280     | 280.00              | 56              | 200               |
| AT5 300     | 300.00              | 60              | 200               |
| AT5 330     | 330.00              | 66              | 380               |
| AT5 340     | 340.00              | 68              | 380               |
| AT5 375     | 375.00              | 75              | 380               |
| AT5 390     | 390.00              | 78              | 380               |
| AT5 420     | 420.00              | 84              | 380               |
| AT5 450     | 450.00              | 90              | 380               |
| AT5 455     | 455.00              | 91              | 380               |
| AT5 500     | 500.00              | 100             | 380               |
| AT5 545     | 545.00              | 109             | 380               |
| AT5 600     | 600.00              | 120             | 380               |
| AT5 610     | 610.00              | 122             | 380               |
| AT5 660     | 660.00              | 132             | 380               |
| AT5 710     | 710.00              | 142             | 380               |
| AT5 720     | 720.00              | 144             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| AT5 750     | 750.00              | 150             | 380               |
| AT5 780     | 780.00              | 156             | 380               |
| AT5 825     | 825.00              | 165             | 380               |
| AT5 860     | 860.00              | 172             | 380               |
| AT5 975     | 975.00              | 195             | 380               |
| AT5 1050    | 1050.00             | 210             | 380               |
| AT5 1125    | 1125.00             | 225             | 380               |
| AT5 1500    | 1500.00             | 300             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>AT10</b> |                     |                 |                   |
| AT10 500    | 500.00              | 50              | 380               |
| AT10 530    | 530.00              | 53              | 380               |
| AT10 560    | 560.00              | 56              | 380               |
| AT10 580    | 580.00              | 58              | 380               |
| AT10 600    | 600.00              | 60              | 380               |
| AT10 610    | 610.00              | 61              | 380               |
| AT10 660    | 660.00              | 66              | 380               |
| AT10 700    | 700.00              | 70              | 380               |
| AT10 730    | 730.00              | 73              | 380               |
| AT10 780    | 780.00              | 78              | 380               |
| AT10 800    | 800.00              | 80              | 380               |
| AT10 840    | 840.00              | 84              | 380               |
| AT10 890    | 890.00              | 89              | 380               |
| AT10 920    | 920.00              | 92              | 380               |
| AT10 960    | 960.00              | 96              | 380               |
| AT10 980    | 980.00              | 98              | 380               |
| AT10 1000   | 1000.00             | 100             | 380               |
| AT10 1010   | 1010.00             | 101             | 380               |
| AT10 1050   | 1050.00             | 105             | 380               |
| AT10 1080   | 1080.00             | 108             | 380               |
| AT10 1100   | 1100.00             | 110             | 380               |
| AT10 1150   | 1150.00             | 115             | 380               |
| AT10 1200   | 1200.00             | 120             | 380               |
| AT10 1210   | 1210.00             | 121             | 380               |
| AT10 1250   | 1250.00             | 125             | 380               |
| AT10 1280   | 1280.00             | 128             | 380               |
| AT10 1300   | 1300.00             | 130             | 380               |
| AT10 1320   | 1320.00             | 132             | 380               |
| AT10 1350   | 1350.00             | 135             | 380               |
| AT10 1360   | 1360.00             | 136             | 380               |
| AT10 1400   | 1400.00             | 140             | 380               |
| AT10 1420   | 1420.00             | 142             | 380               |
| AT10 1480   | 1480.00             | 148             | 380               |
| AT10 1500   | 1500.00             | 150             | 380               |
| AT10 1600   | 1600.00             | 160             | 200               |
| AT10 1700   | 1700.00             | 170             | 200               |
| AT10 1720   | 1720.00             | 172             | 200               |
| AT10 1800   | 1800.00             | 180             | 200               |
| AT10 1860   | 1860.00             | 186             | 200               |
| AT10 1940   | 1940.00             | 194             | 200               |

| 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 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 625     | 625.00              | 125             | 380               |
| DT5 650     | 650.00              | 130             | 380               |
| DT5 700     | 700.00              | 140             | 380               |
| DT5 750     | 750.00              | 150             | 380               |
| DT5 815     | 815.00              | 163             | 380               |
| DT5 900     | 900.00              | 180             | 380               |
| DT5 940     | 940.00              | 188             | 380               |
| DT5 1100    | 1100.00             | 220             | 380               |

| Description | L <sub>w</sub> (mm) | Number of teeth | Sleeve width (mm) |
|-------------|---------------------|-----------------|-------------------|
| <b>DT10</b> |                     |                 |                   |
| DT10 530    | 530.00              | 53              | 380               |
| DT10 600    | 600.00              | 60              | 380               |
| DT10 630    | 630.00              | 63              | 380               |
| DT10 660    | 660.00              | 66              | 380               |
| DT10 700    | 700.00              | 70              | 380               |
| DT10 720    | 720.00              | 72              | 380               |
| DT10 750    | 750.00              | 75              | 380               |
| DT10 800    | 800.00              | 80              | 380               |
| DT10 840    | 840.00              | 84              | 380               |
| DT10 900    | 900.00              | 90              | 380               |
| DT10 980    | 980.00              | 98              | 380               |
| DT10 1000   | 1000.00             | 100             | 380               |
| DT10 1200   | 1200.00             | 120             | 380               |
| DT10 1210   | 1210.00             | 121             | 380               |
| DT10 1240   | 1240.00             | 124             | 380               |
| DT10 1250   | 1250.00             | 125             | 380               |
| DT10 1300   | 1300.00             | 130             | 380               |
| DT10 1320   | 1320.00             | 132             | 380               |
| DT10 1350   | 1350.00             | 135             | 380               |
| DT10 1400   | 1400.00             | 140             | 380               |
| DT10 1420   | 1420.00             | 142             | 380               |
| DT10 1500   | 1500.00             | 150             | 380               |
| DT10 1600   | 1600.00             | 160             | 200               |
| DT10 1610   | 1610.00             | 161             | 200               |
| DT10 1700   | 1700.00             | 170             | 200               |
| DT10 1800   | 1800.00             | 180             | 200               |
| DT10 1880   | 1880.00             | 188             | 200               |