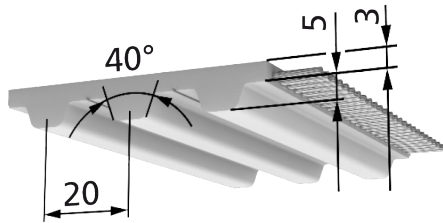
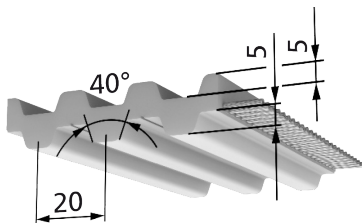


Standard



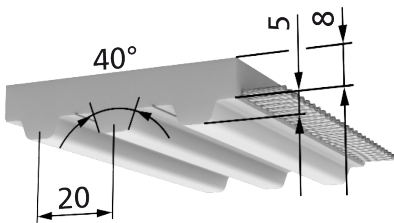
T20

Double-sided



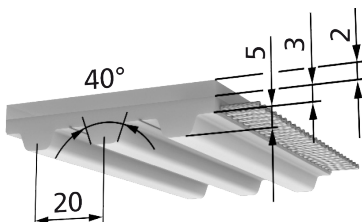
T20-DL

Reinforced back of the belt



T20-DR

Version T



T20-T

| Available length and versions | T20 | Comment |
|---|-------------------------|--|
| Standard lengths | see table | without minimum purchase amount |
| Sleeve width | b=100 mm / 150 mm | - |
| Minimum purchase | - | - |
| Any number of teeth available from | 1,100 mm from 22,000 mm | b=150 mm: from 1,500 mm to 15,000 mm, at intermediate minimum purchase amount on request |
| StandardPlus version | 1,100 mm from 22,000 mm | - |
| Bigger lengths | on request | Minimum purchase amount on request |
| Standard material (BRECOFLEX to 700 mm) | TPUST3 | - |
| Standard material (BRECOFLEX from 720 mm) | TPUST1 | further materials on request |
| Steel tension member | Standard | - |
| E tension member | available | Minimum purchase amount on request |
| Stainless steel tension member | available | Minimum purchase amount on request |
| PAZ | available | without minimum purchase amount at standard lengths |
| DL / DL-PAZ (b _{max} =100 mm) | from 1,100 mm | Minimum purchase amount on request (coating only possible on inner side) |
| DR / DR-PAZ (b _{max} =100 mm) | from 1,100 mm | Minimum purchase amount on request |
| T / T-PAZ (b _{max} =100 mm) | available | Minimum purchase amount on request |

Standard lengths [mm] / number of teeth

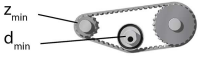

| Length [mm] | number of teeth | Length [mm] | number of teeth | Length [mm] | number of teeth |
|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| 1,500 | 75 | 2,800 | 140 | 5,300 | 265 |
| 1,600 | 80 | 3,000 | 150 | 5,600 | 280 |
| 1,700 | 85 | 3,160 | 158 | 6,000 | 300 |
| 1,800 | 90 | 3,360 | 168 | 6,300 | 315 |
| 1,900 | 95 | 3,560 | 178 | 6,700 | 335 |
| 2,000 | 100 | 3,760 | 188 | 7,100 | 355 |
| 2,120 | 106 | 4,000 | 200 | 7,500 | 375 |
| 2,240 | 12 | 4,260 | 213 | 8,000 | 400 |
| 2,360 | 118 | 4,500 | 225 | 8,500 | 425 |
| 2,500 | 125 | 4,760 | 238 | 9,000 | 450 |
| 2,660 | 133 | 5,000 | 250 | | |

Belt widths b [mm] (In-between belt widths on request)

| | | | | |
|----|----|----|-----|-----|
| 32 | 50 | 75 | 100 | 150 |
|----|----|----|-----|-----|

| Tooth shear strength (specific belt tooth load bearing) | | | | | | | |
|---|---------------------------|----------------------------|--------------------------|------------------|---------------------------|----------------------------|--------------------------|
| R.p.m. n [min-1] | F _{Uspez} [N/cm] | M _{spez} [Ncm/cm] | P _{spez} [W/cm] | R.p.m. n [min-1] | F _{Uspez} [N/cm] | M _{spez} [Ncm/cm] | P _{spez} [W/cm] |
| 0 | 101.5 | 32.3 | 0 | 2,000 | 45.3 | 14.42 | 30.2 |
| 20 | 98.1 | 31.2 | 0.654 | 2,200 | 43.6 | 13.89 | 32 |
| 40 | 95.3 | 30.3 | 1.271 | 2,400 | 42.1 | 13.4 | 33.7 |
| 60 | 92.8 | 29.5 | 1.856 | 2,600 | 40.7 | 12.95 | 35.2 |
| 80 | 90.7 | 28.9 | 2.42 | 2,800 | 39.4 | 12.53 | 36.7 |
| 100 | 88.7 | 28.2 | 2.96 | 3,000 | 38.1 | 12.13 | 38.1 |
| 200 | 81.2 | 25.9 | 5.42 | 3,200 | 37 | 11.77 | 39.4 |
| 300 | 75.9 | 24.2 | 7.59 | 3,400 | 35.9 | 11.42 | 40.7 |
| 400 | 71.8 | 22.9 | 9.57 | 3,600 | 34.9 | 11.09 | 41.8 |
| 500 | 68.4 | 21.8 | 11.41 | 3,800 | 33.9 | 10.78 | 42.9 |
| 600 | 65.6 | 20.9 | 13.11 | 4,000 | 33 | 10.49 | 43.9 |
| 700 | 63.1 | 20.1 | 14.73 | 4,500 | 30.8 | 9.81 | 46.2 |
| 800 | 60.9 | 19.4 | 16.25 | 5,000 | 28.9 | 9.21 | 48.2 |
| 900 | 59 | 18.78 | 17.7 | 5,500 | 27.2 | 8.66 | 49.9 |
| 1,000 | 57.2 | 18.22 | 19.08 | 6,000 | 25.6 | 8.16 | 51.2 |
| 1,100 | 55.6 | 17.71 | 20.4 | 6,500 | 24.2 | 7.69 | 52.4 |
| 1,200 | 54.2 | 17.24 | 21.7 | 0 | 0 | 0 | 0 |
| 1,300 | 52.8 | 16.8 | 22.9 | 0 | 0 | 0 | 0 |
| 1,400 | 51.5 | 16.4 | 24 | 0 | 0 | 0 | 0 |
| 1,500 | 50.3 | 16.02 | 25.2 | 0 | 0 | 0 | 0 |
| 1,600 | 49.2 | 15.66 | 26.2 | 0 | 0 | 0 | 0 |
| 1,700 | 48.2 | 15.33 | 27.3 | 0 | 0 | 0 | 0 |
| 1,800 | 47.2 | 15.01 | 28.3 | 0 | 0 | 0 | 0 |
| 1,900 | 46.2 | 14.71 | 29.3 | | | | |

| T20 | | Admissible tensile force of the belt F _{adm} / belt weight | | | | | |
|--------------------------------|------------------|---|-------|--------|--------|--------|-------|
| belt width | b [mm] | 32 | 50 | 75 | 100 | 150 | |
| E / Steel tension member | F _{zul} | 4,750 | 7,750 | 12,000 | 16,000 | 24,500 | |
| Stainless steel tension member | F _{zul} | 3,420 | 5,580 | 8,640 | 11,520 | 17,640 | |
| Belt width | Standard | [kg/m] | 0.236 | 0.368 | 0.552 | 0.736 | 1.095 |
| | DL | [kg/m] | 0.319 | 0.499 | 0.753 | 1.004 | - |
| | DR | [kg/m] | 0.43 | 0.675 | 1.016 | 1.354 | - |
| | T | [kg/m] | 0.315 | 0.495 | 0.746 | 0.994 | - |

| T20 | | Flexibility (Minimum number of teeth / minimum diameter) | | | | | | | | | | | |
|--|---|--|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|-----|-----|-----|
| | | Steel tension member | | | | E / Steel tension member | | | | Stainless steel tension member | | | |
| | | Standard | DL | DR | T | Standard | DL | DR | T | Standard | DL | DR | T |
|  | Minimum number of teeth without contraflexure (z _{min}) | 15 | 25 | 25 | 25 | 12 | 25 | 25 | 25 | 20 | 30 | 25 | 25 |
| | Minimum diameter of tensioning roller without contraflexure (d _{min} [mm]) | 120 | 120 | 150 | 120 | 100 | 120 | 150 | 120 | 130 | 130 | 150 | 130 |
|  | Minimum number of teeth with contraflexure (z _{min}) | 25 | 25 | 25 | 25 | 22 | 25 | 25 | 25 | 30 | 30 | 30 | 30 |
| | Minimum diameter of tensioning roller with contraflexure (d _{min} [mm]) | 120 | 120 | 180 | 120 | 120 | 120 | 180 | 120 | 180 | 180 | 180 | 180 |