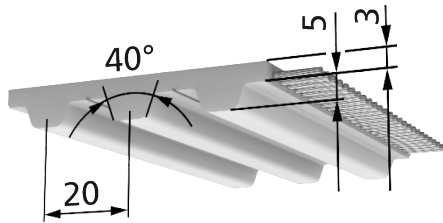
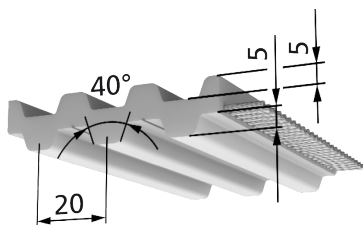


## Standard



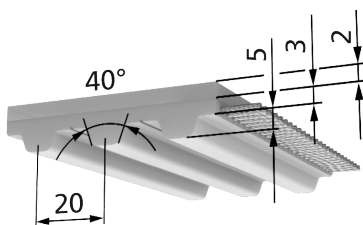
T20

## Double-sided



T20-DL

## Version T



T20-T

Available length and versions	T20	Comment
Standard lengths	roll of 50 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	on request	-
minimum length endless joined (b ≤ 100 mm)	1,000 mm	-
minimum length endless joined (b > 100 mm)	1,200 mm	also in the versions DL, T
Standard material	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	available	Minimum purchase amount on request
Stainless steel cord	available	Minimum purchase amount on request
PAZ	available	-
PAR	available	-
PAZ-PAR	available	-
DL / DL-PAZ	available	b <sub>max</sub> = 100 mm; minimum purchase amount on request
DR / DR-PAZ	not available	-
T / T-PAZ	available	b <sub>max</sub> = 100 mm; minimum purchase amount on request


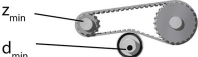
## Belt widths b [mm] (In-between belt widths on request)

25	32	50	75	100	150
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## Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min <sup>-1</sup> ]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspez</sub> [N/cm]
0	101.5	600	65.6	1,600	49.2	3,200	37
20	98.1	700	63.1	1,700	48.2	3,400	35.9
40	95.3	800	60.9	1,800	47.2	3,600	34.9
60	92.8	900	59	1,900	46.2	3,800	33.9
80	90.7	1,000	57.2	2,000	45.3	4,000	33
100	88.7	1,100	55.6	2,200	43.6	4,500	30.8
200	81.2	1,200	54.2	2,400	42.1	5,000	28.9
300	75.9	1,300	52.8	2,600	40.7	5,500	27.2
400	71.8	1,400	51.5	2,800	39.4	6,000	25.6
500	68.4	1,500	50.3	3,000	38.1	6,500	24.2

T20			Admissible tensile force of the belt $F_{adm}$ / belt weight					
belt width		b [mm]	25	32	50	75	100	150
M	E / Steel tension member	$F_{Tadm}$ [N]	3,500	4,500	7,000	10,500	14,000	20,000
	Specific elasticity (E- / Steel tension member)	$C_{spez}$ [N]	$0.87 \cdot 10^6$	$1.13 \cdot 10^6$	$1.75 \cdot 10^6$	$2.63 \cdot 10^6$	$3.5 \cdot 10^6$	$5.0 \cdot 10^6$
	Stainless steel tension member	$F_{Tadm}$ [N] $F_{Tzul}$ [N]	2,520	3,240	5,040	7,560	10,080	14,400
	Specific elasticity (stainless steel tens. m.)	$C_{spez}$ [N]	$0.87 \cdot 10^6$	$1.13 \cdot 10^6$	$1.75 \cdot 10^6$	$2.63 \cdot 10^6$	$3.5 \cdot 10^6$	$5.0 \cdot 10^6$
V	E / Steel tension member	$F_{Tadm}$ [N]	1,750	2,250	3,500	5,250	7,000	10,000
	Stainless steel tension member	$T_{adm}$ [N]	1,260	1,620	2,520	3,780	5,040	7,200
Belt weight (Standard)		[kg/m]	0.184	0.236	0.368	0.552	0.736	1.095
Belt weight (DL)		[kg/m]	0.247	0.316	0.493	0.793	0.986	-
Belt weight (DR)		[kg/m]	-	-	-	-	-	-
Belt weight (T)		[kg/m]	0.244	0.313	0.488	0.732	0.976	-

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	12	25	-	25	20	30	-	30
	Minimum diameter of tensioning roller without contraflexure ( $d_{min}$ [mm])	120	150	-	120	100	150	-	120	130	150	-	150
	Minimum number of teeth with contraflexure ( $z_{min}$ )	25	25	-	25	22	25	-	25	30	30	-	30
	Minimum diameter of tensioning roller with contraflexure ( $d_{min}$ [mm])	120	180	-	180	120	180	-	180	180	180	-	180