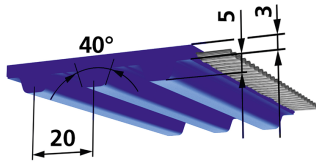


## Standard



T20 PRO

Available length and versions	T20 PRO	Comment
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	not available	only belt widths listed in the table available
minimum length endless joined (b $\geq$ 100 mm)	1260 mm	-
Standard material	TPUAU1	FDA compliant
Belt colour	blue	-
Steel tension member	Standard	-

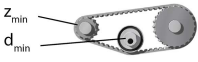

## Belt widths b [mm] (In-between belt widths on request)

25	50
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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 PRO			Admissible tensile force of the belt $F_{adm}$ / belt weight	
belt width		b [mm]	<b>25</b>	<b>50</b>
M	Steel tension member	$F_{Tadm}$ [N]	3,500	7,000
	Specific elasticity	$C_{spez}$ [N]	$0.87 \cdot 10^6$	$1.75 \cdot 10^6$
V	Steel tension member	$F_{Tadm}$ [N]	1,750	3,500
Belt weight (Standard)		[kg/m]	0.184	0.368

T20 PRO		Flexibility (Minimum number of teeth / minimum diameter)	
		Steel tension member	
		M	V
	Minimum number of teeth without contraflexure ( $z_{min}$ )	15	15
	Minimum diameter of tensioning roller without contraflexure ( $d_{min}$ [mm])	120	120
	Minimum number of teeth with contraflexure ( $z_{min}$ )	25	25
	Minimum diameter of tensioning roller with contraflexure ( $d_{min}$ [mm])	120	120