



Available length and versions	T20 CLA	Comment
Standard lengths	50 m-role	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	not available	-
minimum length endless joined (b≤100 mm)	1000 mm	-
minimum length endless joined (b>100 mm)	-	-
Standard material	TPUCLA	-
Steel tension member	Standard	-
E tension member	not available	-
Stainless steel cord	not available	-
PAZ	available	-
PAR	not available	-
PAZ-PAR	available	-
DL / DL-PAZ	not available	-
DR / DR-PAZ	not available	-
T / T-PAZ	available	-

Belt widths b [mm] (In-between belt widths on request)				
25	32	50	75	100

Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [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 CLA			Admissible tensile force of the belt F_{adm} / belt weight				
belt width		b [mm]	25	32	50	75	100
M	E / Steel tension member	F_{Tadm} [N]	3,500	4,500	7,000	10,500	14,000
	Specific elasticity (E- / Steel tension member)	C_{spez} [N]	$0.87 \cdot 10^6$	$1.13 \cdot 10^6$	$1.75 \cdot 10^6$	$2.63 \cdot 10^6$	$3.5 \cdot 10^6$
	Stainless steel cord	F_{Tadm} [N]	-	-	-	-	-
	Specific elasticity (stainless steel tens. m.)	C_{spez} [N]	-	-	-	-	-
V	E / Steel tension member	F_{Tadm} [N]	1,750	2,250	3,500	5,250	7,000
	Stainless steel cord	T_{adm} [N]	-	-	-	-	-
Belt weight (Standard)		[kg/m]	0.184	0.236	0.368	0.552	0.736
Belt weight (DL)		[kg/m]	-	-	-	-	-
Belt weight (DR)		[kg/m]	-	-	-	-	-
Belt weight (T)		[kg/m]	0.244	0.313	0.488	0.732	0.976

T20 CLA		Flexibility (Minimum number of teeth / minimum diameter)											
		Steel tension member				E / Steel tension member				Stainless steel cord			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Minimum number of teeth without contraflexure (z_{min})	15	-	-	25	-	-	-	-	-	-	-	-
	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	-	-	180	-	-	-	-	-	-	-	