



Available length and versions	TK10K13 CLA	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	-
minimum length endless joined (b≤100 mm)	1000 mm	-
minimum length endless joined (b>100 mm)	not available	-
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)		
32	50	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	50.5	800	32.4	2,000	25.4	5,000	18.06
20	49	900	31.5	2,200	24.6	5,500	17.28
40	47.7	1,000	30.7	2,400	23.9	6,000	16.58
60	46.6	1,100	30	2,600	23.3	6,500	15.93
80	45.7	1,200	29.3	2,800	22.7	7,000	15.33
100	44.8	1,300	28.7	3,000	22.2	7,500	14.76
200	41.4	1,400	28.2	3,200	21.7	8,000	14.24
300	39.1	1,500	27.6	3,400	21.2	8,500	13.74
400	37.2	1,600	27.1	3,600	20.7	9,000	13.28
500	35.7	1,700	26.7	3,800	20.3	9,500	12.84
600	34.4	1,800	26.2	4,000	19.86	10,000	12.42
700	33.3	1,900	25.8	4,500	18.91		

TK10K13 CLA			Admissible tensile force of the belt F_{adm} / belt weight		
belt width		b [mm]	32	50	100
M	E / Steel tension member	F_{Tadm} [N]	2,600	4,200	8,600
	Specific elasticity (E- / Steel tension member)	C_{spez} [N]	$7.0 \cdot 10^5$	$11.0 \cdot 10^5$	$22.0 \cdot 10^5$
	Stainless steel cord	F_{Tadm} [N]	-	-	-
	Specific elasticity (stainless steel tens. m.)	C_{spez} [N]	-	-	-
V	E / Steel tension member	F_{Tadm} [N]	1,300	2,100	4,300
	Stainless steel cord	T_{adm} [N]	-	-	-
Belt weight (Standard)		[kg/m]	0.205	0.287	0.495
Belt weight (DL)		[kg/m]	-	-	-
Belt weight (DR)		[kg/m]	-	-	-
Belt weight (T)		[kg/m]	0.282	0.407	0.735

TK10K13 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})	25	-	-	25	-	-	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	80	-	-	80	-	-	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z_{min})	25	-	-	25	-	-	-	-	-	-	-	
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	80	-	-	80	-	-	-	-	-	-	-	-