Standard

F6

Belt widths b [mm] (In-between belt widths on request)
30

Available length and versions	F6	Comment
Standard lengths	rolls of 50 m and 100 m	-
Cuts / Length > 100 m (Length graduation from groove to groove (in 10 mm stages)	on request	-
In-between belt widths / other widths	on request	-
Minimum length joined	880	-
Standard material	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	not available	-
Stainless steel cord	available	Minimum purchase amount on request
PAZ (groove side)	available	-

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]

F6			Admissible tensile force of the belt F_{adm} / belt weight
belt width		b [mm]	**30**
M	E / Steel tension member	F_{Tadm} [N]	1,800
	Specific elasticity (E- / Steel tension member)	C_{spez} [N]	$4.00 \cdot 10^5$
	Stainless steel tension member	F_{Tadm} [N]F_{Tzul} [N]	1,440
	Specific elasticity (stainless steel tens. m.)	C_{spez} [N]	$4.00 \cdot 10^5$
V	E / Steel tension member	F_{Tadm} [N]	900
	Stainless steel tension member	T_{adm} [N]	720
Belt weight (Standard)		[kg/m]	0.232
Belt weight (DL)		[kg/m]	-
Belt weight (DR)		[kg/m]	-
Belt weight (T)		[kg/m]	-

F6		Flexibility (Minimum number of teeth / minimum diameter)		
		Steel tension member	E / Steel tension member	Stainless steel tension member
		Standard	Standard	Standard
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	90	-	90
	d_{min} minimum diameter with contraflexure (d_{min}[mm])	90	-	130
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	90	-	130