

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

Available length and versions	F2	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	available	Minimum purchase amount on request
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]

F2			Admissible tensile force of the belt F _{adm} / belt weight				
belt width b [mm]		25	32	50	75	100	
	E / Steel tension member	F _{Tadm} [N]	2,200	2,600	4,400	6,600	8,800
М	Specific elasticity (E- / Steel tension member)	C _{spez} [N]	5.50·10 ⁵	6.50·10 ⁵	1.10·10 ⁶	1.65·10 ⁶	2.20·10 ⁶
IVI	Stainless steel tension member	F _{Tadm} [N]F _{Tzul} [N]	1,760	2,080	3,520	5,280	7,040
	Specific elasticity (stainless steel tens. m.)	C _{spez} [N]	5.50·10 ⁵	6.50·10 ⁵	1.10·10 ⁶	1.65·10 ⁶	2.20·10 ⁶
V	E / Steel tension member	F _{Tadm} [N]	1,100	1,300	2,200	3,300	4,400
V	Stainless steel tension member	T _{adm} [N]	880	1,040	1,760	2,640	3,520
Belt we	ight (Standard)	[kg/m]	0.081	0.101	0.161	0.241	0.322
Belt weight (DL)		[kg/m]	-	-	-	-	-
Belt weight (DR) [k		[kg/m]	-	-	-	-	-
Belt we	ight (T)	[kg/m]		-	-	-	-

	F2	Flexibility (Minimum number of teeth / minimum diameter)			
		Steel tension member	E / Steel tension member	Stainless steel tension member	
		Standard	Standard	Standard	
d _{min}	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	30	25	60	
	d _{min} minimum diameter with contraflexure (d _{min} [mm])	60	50	130	
d _{min Sp}	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	60	50	130	