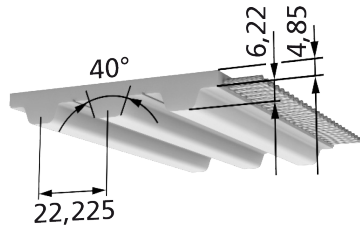


Standard



T7/8"

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


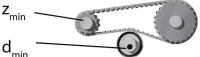
50.8	76.2	101.6
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Available length and versions	T7/8"	Comment
Standard lengths	roll of 50 m	-
Cut to lengths / lengths > 50 m	on request	-
In-between belt widths / other widths	on request	-
minimum length endless joined (b≤101,6 mm)	880 mm	-
minimum length endless joined (b>101,6 mm)	not available	-
Standard material	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	not available	-
Stainless steel cord	not available	-
PAZ	available	-
PAR	available	-
PAZ-PAR	available	-
DL / DL-PAZ	not available	-
DR / DR-PAZ	not available	-
T / T-PAZ	not 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]
0	91.35	600	59.04	1,600	44.28	3,200	33.3
20	88.29	700	56.79	1,700	43.38	3,400	32.31
40	85.77	800	54.81	1,800	42.48	3,600	31.41
60	83.52	900	53.1	1,900	41.58	3,800	30.51
80	81.63	1,000	51.48	2,000	40.77	4,000	29.7
100	79.83	1,100	50.04	2,200	39.24	4,500	27.72
200	73.08	1,200	48.78	2,400	37.89	5,000	26.01
300	68.31	1,300	47.52	2,600	36.63	5,500	24.48
400	64.62	1,400	46.35	2,800	35.46	6,000	23.04
500	61.56	1,500	45.27	3,000	34.29	6,500	21.78

T7/8"			Admissible tensile force of the belt F_{adm} / belt weight		
belt width		b [mm]	50.8	76.2	101.6
M	E / Steel tension member	F_{Tadm} [N]	7,000	10,500	14,000
	Specific elasticity (E- / Steel tension member)	C_{spez} [N]	1.75·106	2.63·106	3.5·106
	Stainless steel tension member	F_{Tadm} [N] F_{Tzul} [N]	-	-	-
	Specific elasticity (stainless steel tens. m.)	C_{spez} [N]	-	-	-
V	E / Steel tension member	F_{Tadm} [N]	3,500	5,250	7,000
	Stainless steel tension member	T_{adm} [N]	-	-	-
Belt weight (Standard)		[kg/m]	0.53	0.795	1.059
Belt weight (DL)		[kg/m]	-	-	-
Belt weight (DR)		[kg/m]	-	-	-
Belt weight (T)		[kg/m]	-	-	-

T7/8"		Flexibility (Minimum number of teeth / minimum diameter)											
		Steel tension member				E / Steel tension member				Stainless steel tension member			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Minimum number of teeth without contraflexure (z_{min})	18	-	-	-	-	-	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	150	-	-	-	-	-	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z_{min})	20	-	-	-	-	-	-	-	-	-	-	
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	180	-	-	-	-	-	-	-	-	-	-	-