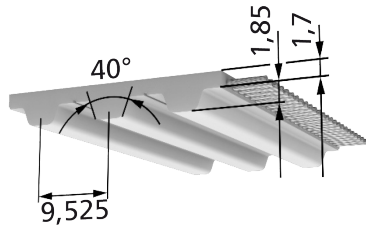


Standard



T3/8"

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

9.53	12.7	19.1	25.4	38.1	50.8	76.2
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Available length and versions	T3/8"	Comment
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	on request	-
minimum length endless joined (b≤100 mm)	880 mm	-
minimum length endless joined (b>100 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	37.4	800	24	2,000	18.78	5,000	13.36
20	36.3	900	23.3	2,200	18.22	5,500	12.79
40	35.5	1,000	22.7	2,400	17.71	6,000	12.27
60	34.5	1,100	22.2	2,600	17.25	6,500	11.79
80	33.8	1,200	21.7	2,800	16.81	7,000	11.34
100	33.1	1,300	21.3	3,000	16.4	7,500	10.93
200	30.7	1,400	20.8	3,200	16.02	8,000	10.54
300	28.9	1,500	20.4	3,400	15.66	8,500	10.17
400	27.5	1,600	20.1	3,600	15.32	9,000	9.83
500	26.4	1,700	19.72	3,800	15	9,500	9.5
600	25.5	1,800	19.39	4,000	14.69	10,000	9.19
700	24.7	1,900	19.08	4,500	13.99		

T3/8"			Admissible tensile force of the belt F_{adm} / belt weight						
belt width		b [mm]	9.53	12.7	19.1	25.4	38.1	50.8	76.2
M	E / Steel tension member	F_{Tadm} [N]	630	840	1,260	1,680	2,520	3,500	5,040
	Specific elasticity (E / Steel tension member)	C_{spez} [N]	$15.8 \cdot 10^4$	$21.0 \cdot 10^4$	$31.5 \cdot 10^4$	$42.0 \cdot 10^4$	$63.0 \cdot 10^4$	$87.0 \cdot 10^4$	$1.26 \cdot 10^5$
	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]	315	420	630	840	1,260	1,750	2,520
	Stainless steel tension member	T_{adm} [N]	-	-	-	-	-	-	-
Belt weight (Standard)		[kg/m]	0.033	0.044	0.066	0.08	0.133	0.178	0.266
Belt weight (DL)		[kg/m]	-	-	-	-	-	-	-
Belt weight (DR)		[kg/m]	-	-	-	-	-	-	-
Belt weight (T)		[kg/m]	-	-	-	-	-	-	-

T3/8"		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})	15	-	-	-	-	-	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	60	-	-	-	-	-	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z_{min})	20	-	-	-	-	-	-	-	-	-	-	
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	60	-	-	-	-	-	-	-	-	-	-	-