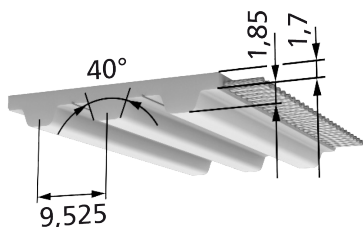


Standard



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

9.53	12.7	19.1	25.4	50.8	101.6
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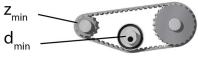

Available length and versions	L	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=101.6 mm	-
Minimum purchase	1 sleeve	to 685.8 mm
Any number of teeth available from	723.9 mm to 14992.35 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	723.9 mm to 14992.35 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	TPOST3	-
Standard material (BRECOFLEX from 720 mm)	TPOST1	further materials on request
Steel tension member	Standard	-
E tension member	-	-
Stainless steel tension member	-	-
PAZ	available	without minimum purchase amount at standard lengths
DL / DL-PAZ ($b_{max}=100$ mm)	not available	-
DR / DR-PAZ ($b_{max}=100$ mm)	not available	-
T / T-PAZ ($b_{max}=100$ mm)	not available	-

Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
314.33	33	723.9	76	1,371.6	144
381	40	762	80	1,447.8	152
476.25	50	819.15	86	1,524	160
514.35	54	876.3	92	1,600.2	168
533.4	56	933.45	98	1,676.4	176
571.5	60	990.6	104	1,790.7	188
609.6	64	1,066.8	112	1,905	200
647.7	68	1,143	120		
685.8	72	1,219.2	128		

Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min-1]	F _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]	R.p.m. n [min-1]	F _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]
0	37.4	5.67	0	2,000	18.78	2.85	5.96
20	36.3	5.5	0.115	2,200	18.22	2.76	6.37
40	35.3	5.35	0.224	2,400	17.71	2.69	6.75
60	34.5	5.23	0.329	2,600	17.25	2.61	7.12
80	33.8	5.12	0.429	2,800	16.81	2.55	7.47
100	33.1	5.02	0.526	3,000	16.4	2.49	7.81
200	30.7	4.65	0.974	3,200	16.02	2.43	8.14
300	28.9	4.38	1.377	3,400	15.66	2.37	8.45
400	27.5	4.18	1.749	3,600	15.32	2.32	8.76
500	26.4	4.01	2.1	3,800	15	2.27	9.05
600	25.5	3.86	2.43	4,000	14.69	2.23	9.33
700	24.7	3.74	2.74	4,500	13.99	2.12	9.99
800	24	3.63	3.04	5,000	13.36	2.03	10.61
900	23.3	3.53	3.33	5,500	12.79	1.939	11.17
1,000	22.7	3.45	3.61	6,000	12.27	1.86	11.69
1,100	22.2	3.37	3.88	6,500	11.79	1.787	12.16
1,200	21.7	3.29	4.14	7,000	11.34	1.719	12.6
1,300	21.3	3.22	4.39	7,500	10.93	1.656	13.01
1,400	20.8	3.16	4.63	8,000	10.54	1.597	13.38
1,500	20.4	3.1	4.87	8,500	10.17	1.542	13.72
1,600	20.1	3.04	5.1	9,000	9.83	1.49	14.04
1,700	19.72	2.99	5.32	9,500	9.5	1.44	14.33
1,800	19.39	2.94	5.54	10,000	9.19	1.393	14.59
1,900	19.08	2.89	5.75				

L		Admissible tensile force of the belt F _{adm} / belt weight						
belt width	b [mm]	9.53	12.7	19.1	25.4	50.8	101.6	
E / Steel tension member	F _{zul}	630	910	1,470	2,030	4,270	8,750	
Stainless steel tension member	F _{zul}	-	-	-	-	-	-	
Belt width	Standard	[kg/m]	0.038	0.044	0.066	0.088	0.178	0.356
	DL	[kg/m]	-	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

L		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	-	-	-	-	-	-	-	-	-	-	-