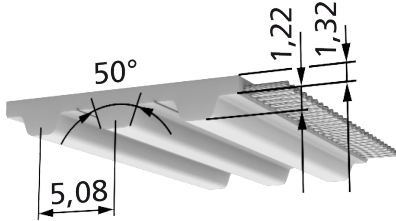


## Standard



XL

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

6.35	7.94	9.53	12.7	19.1	25.4
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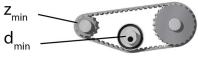

Available length and versions	XL	Comment
Standard lengths	see table	-
Sleeve width	b=101.6 mm	-
Minimum purchase	1 sleeve	-
Any number of teeth available from	on request	-
StandardPlus version	-	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	TPUST3	-
Standard material (BRECOFLEX from 720 mm)	-	-
Steel tension member	Standard	-
E tension member	-	-
Stainless steel tension member	-	-
PAZ	available	-
DL / DL-PAZ (b <sub>max</sub> =100 mm)	not available	-
DR / DR-PAZ (b <sub>max</sub> =100 mm)	not available	-
T / T-PAZ (b <sub>max</sub> =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
152.4	30	330.2	65	508	100
177.8	35	355.6	70	533.4	105
203.2	40	381	75	558.8	110
228.6	45	406.4	80	584.2	115
254	50	431.8	85	609.6	120
279.4	55	457.2	90	635	125
304.8	60	482.6	95	660.4	130

Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]
0	24.4	1.973	0	2,000	13.91	1.125	2.36
20	23.8	1.922	0.04	2,200	13.6	1.1	2.53
40	23.2	1.879	0.079	2,400	13.31	1.076	2.71
60	22.8	1.842	0.116	2,600	13.05	1.055	2.87
80	22.4	1.809	0.152	2,800	12.8	1.035	3.06
100	22	1.78	0.186	3,000	12.57	1.017	3.19
200	20.6	1.667	0.349	3,200	12.36	0.999	3.35
300	19.63	1.587	0.498	3,400	12.16	0.983	3.5
400	18.86	1.525	0.639	3,600	11.96	0.967	3.65
500	18.23	1.474	0.772	3,800	11.78	0.953	3.79
600	17.7	1.431	0.899	4,000	11.61	0.939	3.93
700	17.24	1.394	1.022	4,500	11.21	0.907	4.27
800	16.83	1.361	1.14	5,000	10.86	0.878	4.6
900	16.47	1.332	1.255	5,500	10.54	0.852	4.91
1,000	16.14	1.305	1.367	6,000	10.24	0.828	5.2
1,100	15.84	1.281	1.475	6,500	9.97	0.806	5.49
1,200	15.57	1.259	1.582	7,000	9.72	0.786	5.76
1,300	15.31	1.238	1.685	7,500	9.49	0.767	6.02
1,400	15.07	1.219	1.787	8,000	9.27	0.749	6.28
1,500	14.85	1.201	1.886	8,500	9.06	0.732	6.52
1,600	14.64	1.184	1.984	9,000	8.86	0.717	6.76
1,700	14.45	1.168	2.08	9,500	8.68	0.702	6.98
1,800	14.26	1.153	2.17	10,000	8.51	0.688	7.2
1,900	14.08	1.139	2.27				

XL			Admissible tensile force of the belt F <sub>adm</sub> / belt weight					
belt width	b [mm]		<b>6.35</b>	<b>7.94</b>	<b>9.53</b>	<b>12.7</b>	<b>19.1</b>	<b>25.4</b>
E / Steel tension member	F <sub>zul</sub>		180	240	300	420	690	930
Stainless steel tension member	F <sub>zul</sub>		-	-	-	-	-	-
Belt width	Standard	[kg/m]	0.016	0.02	0.024	0.03	0.038	0.061
	DL	[kg/m]	-	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

XL		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 <sub>min</sub> )	10	-	-	-	-	-	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d <sub>min</sub> [mm])	30	-	-	-	-	-	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z <sub>min</sub> )	15	-	-	-	-	-	-	-	-	-	-	
	Minimum diameter of tensioning roller with contraflexure (d <sub>min</sub> [mm])	30	-	-	-	-	-	-	-	-	-	-	-