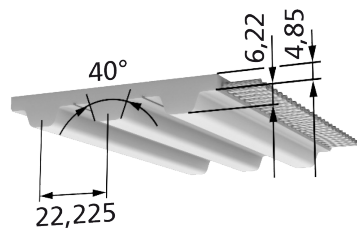


Standard



XH

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

50.8	76.2	101.6
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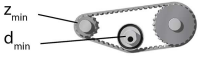

Available length and versions	XH	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=101.6 mm	-
Minimum purchase	-	-
Any number of teeth available from	1422.4 mm to 16,002 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	1422.4 mm to 16,002 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	-	-
Standard material (BRECOFLEX from 720 mm)	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	not available	-
Stainless steel tension member	not available	-
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
1,422.4	64	2,489.2	112	4,445	200
1,600.2	72	2,844.8	128	4,978.4	224
1,778	80	3,200.4	144	5,778.5	260
1,955.8	88	3,556	160	6,223	280
2,133.6	96	3,911.6	176	8,890	400

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	91.35	29.07	0	2,000	40.77	12.978	27.18
20	88.29	28.08	0.589	2,200	39.24	12.501	28.8
40	85.77	27.27	1.144	2,400	37.89	12.06	30.33
60	83.52	26.55	1.67	2,600	36.63	11.665	31.68
80	81.63	26.01	2.178	2,800	35.46	11.277	33.03
100	79.83	25.38	2.664	3,000	34.29	10.917	34.29
200	73.08	23.31	4.878	3,200	33.3	10.593	35.46
300	68.31	21.78	6.831	3,400	32.31	10.278	36.63
400	64.62	20.61	8.613	3,600	31.41	9.981	37.62
500	61.56	19.62	10.269	3,800	30.51	9.702	38.61
600	59.04	18.81	11.799	4,000	29.7	9.441	39.51
700	56.79	18.09	13.257	4,500	27.72	8.829	41.58
800	54.81	17.46	14.625	0	0	0	0
900	53.1	16.902	15.93	0	0	0	0
1,000	51.48	16.398	17.172	0	0	0	0
1,100	50.04	15.939	18.36	0	0	0	0
1,200	48.78	15.516	19.53	0	0	0	0
1,300	47.52	15.12	20.61	0	0	0	0
1,400	46.35	14.76	21.6	0	0	0	0
1,500	45.27	14.418	22.68	0	0	0	0
1,600	44.28	14.094	23.58	0	0	0	0
1,700	43.38	13.797	24.57	0	0	0	0
1,800	42.48	13.509	25.47	0	0	0	0
1,900	41.58	13.239	26.37				

XH		Admissible tensile force of the belt F _{adm} / belt weight		
belt width	b [mm]	50.8	76.2	101.6
E / Steel tension member	F _{zul}	7,750	12,000	16,250
Stainless steel tension member	F _{zul}	-	-	-
Belt width	Standard	0.53	0.795	1.059
	DL	-	-	-
	DR	-	-	-
	T	-	-	-

XH		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
 z _{min} d _{min}	Minimum number of teeth without contraflexure (z _{min})	18	-	-	-	-	-	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	150	-	-	-	-	-	-	-	-	-	-	-
 z _{min} d _{min}	Minimum number of teeth with contraflexure (z _{min})	25	-	-	-	-	-	-	-	-	-	-	
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	180	-	-	-	-	-	-	-	-	-	-	