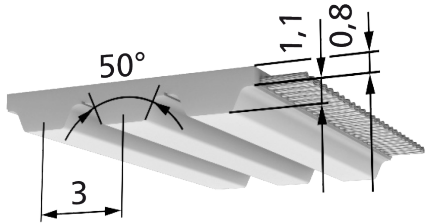


Standard



AT3

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

6	10	16	25	32
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Available length and versions	AT3	Comment
Standard lengths	-	-
Sleeve width	b=100 mm	-
Minimum purchase	1 sleeve	-
Any number of teeth available from	720 mm to 1,701 mm	-
StandardPlus version	720 mm to 1,701 mm	-
Bigger lengths	not available	-
Standard material (BRECOFLEX to 700 mm)	-	-
Standard material (BRECOFLEX from 720 mm)	TPUST1	further materials on request
Steel tension member	not available	-
E tension member	Standard	-
Stainless steel tension member	available	Minimum purchase amount on request
PAZ	available	-
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
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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	38.5	1.839	0	2,000	24.764	1.183	2.477
20	38.099	1.82	0.038	2,200	24.174	1.155	2.66
40	37.719	1.802	0.075	2,400	23.63	1.129	2.837
60	37.359	1.785	0.112	2,600	23.123	1.105	3.007
80	37.015	1.768	0.148	2,800	22.65	1.082	3.172
100	36.687	1.753	0.184	3,000	22.206	1.061	3.332
200	35.24	1.683	0.353	3,200	21.788	1.041	3.488
300	34.034	1.626	0.511	3,400	21.392	1.022	3.638
400	33.002	1.577	0.66	3,600	21.017	1.004	3.785
500	32.099	1.533	0.803	3,800	20.661	0.987	3.927
600	31.297	1.495	0.939	4,000	20.322	0.971	4.066
700	30.575	1.461	1.071	4,500	19.537	0.933	4.398
800	29.919	1.429	1.197	5,000	18.829	0.899	4.709
900	29.317	1.401	1.32	5,500	18.185	0.869	5.003
1,000	28.762	1.374	1.439	6,000	17.593	0.84	5.28
1,100	28.247	1.349	1.554	6,500	17.046	0.814	5.542
1,200	27.766	1.326	1.667	7,000	16.538	0.79	5.791
1,300	27.315	1.305	1.776	7,500	16.063	0.767	6.026
1,400	26.89	1.285	1.883	8,000	15.618	0.746	6.25
1,500	26.489	1.265	1.988	8,500	15.198	0.726	6.462
1,600	26.109	1.247	2.09	9,000	14.802	0.707	6.664
1,700	25.749	1.23	2.19	9,500	14.426	0.689	6.855
1,800	25.405	1.214	2.287	10,000	14.069	0.672	7.037
1,900	25.077	1.198	2.383				

AT3		Admissible tensile force of the belt F _{adm} / belt weight					
belt width	b [mm]	6	10	16	25	32	
E / Steel tension member	F _{zul}	190	380	645	1,100	1,400	
Stainless steel tension member	F _{zul}	165	335	565	970	1,230	
Belt width	Standard	[kg/m]	0.014	0.023	0.037	0.058	0.074
	DL	[kg/m]	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-

AT3		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	-	-	-	20	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	-	-	-	-	20	-	-	-	30	-	-	-
	Minimum number of teeth with contraflexure (z _{min})	-	-	-	-	20	-	-	-	30	-	-	-
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	-	-	-	-	20	-	-	-	40	-	-	-