

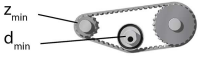

Belt widths b [mm] (In-between belt widths on request)					
25	32	50	75	100	150

Available length and versions	AT10	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	150 mm belt width available from 1,500 mm up to 15,000 mm
Minimum purchase	1 sleeve	to 700 mm
Any number of teeth available from	720 mm to 22,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	720 mm to 22,000 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	TPUST3	-
Standard material (BRECOFLEX from 720 mm)	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	available	Minimum purchase amount on request
Stainless steel tension member	available	Minimum purchase amount on request
PAZ	available	without minimum purchase amount at standard lengths
DL / DL-PAZ (b_{max}=100 mm)	from 900 mm	Minimum purchase amount on request (coating only possible on inner side)
DR / DR-PAZ (b_{max}=100 mm)	from 900 mm	Minimum purchase amount on request
T / T-PAZ (b_{max}=100 mm)	from 1,080 mm	Minimum purchase amount on request

Standard lengths [mm] / number of teeth					
Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
400	40	1,010	101	3,000	300
500	50	1,080	108	3,150	315
530	53	1,150	115	3,350	335
560	56	1,210	121	3,550	355
610	61	1,240	124	3,750	375
630	63	1,250	125	4,000	400
660	66	1,320	132	4,250	425
700	70	1,400	140	4,500	450
720	72	1,500	150	4,750	475
780	78	1,600	160	5,000	500
800	80	1,700	170	5,300	530
810	81	1,800	180	5,600	560
840	84	1,900	190	6,000	600
850	85	2,000	200	6,300	630
880	88	2,120	212	6,700	670
890	89	2,240	224	7,100	710
920	92	2,360	236	7,500	750
960	96	2,500	250	8,000	800
970	97	2,650	265	9,000	900
980	98	2,800	280		

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	87.5	13.933	0	2,000	48.006	7.644	16.009
20	86.216	13.729	0.288	2,200	46.413	7.391	17.025
40	85.013	13.537	0.567	2,400	44.943	7.156	17.985
60	83.881	13.357	0.839	2,600	43.578	6.939	18.892
80	82.814	13.187	1.105	2,800	42.305	6.736	19.751
100	81.803	13.026	1.364	3,000	41.112	6.546	20.565
200	77.426	12.329	2.582	3,200	39.989	6.368	21.337
300	73.87	11.763	3.695	3,400	38.929	6.199	22.069
400	70.877	11.286	4.727	3,600	37.925	6.039	22.765
500	68.291	10.874	5.693	3,800	36.972	5.887	23.426
600	66.016	10.512	6.604	4,000	36.064	5.743	24.053
700	63.984	10.189	7.468	4,500	33.967	5.409	25.486
800	62.148	9.896	8.29	5,000	32.079	5.108	26.744
900	60.475	9.63	9.075	5,500	30.362	4.835	27.844
1,000	58.937	9.385	9.827	6,000	28.787	4.584	28.8
1,100	57.514	9.158	10.549	6,500	27.333	4.352	29.623
1,200	56.19	8.947	11.243	7,000	25.982	4.137	30.326
1,300	54.953	8.75	11.912	7,500	24.721	3.936	30.915
1,400	53.791	8.565	12.557	8,000	23.538	3.748	31.398
1,500	52.696	8.391	13.18	8,500	22.425	3.571	31.783
1,600	51.661	8.226	13.782	9,000	21.374	3.403	32.074
1,700	50.679	8.07	14.365	9,500	20.377	3.245	32.278
1,800	49.746	7.921	14.93	10,000	19.43	3.094	32.398
1,900	48.856	7.78	15.478				

AT10		Admissible tensile force of the belt F _{adm} / belt weight						
belt width	b [mm]	25	32	50	75	100	150	
E / Steel tension member	F _{zul}	3,500	4,750	7,750	12,000	16,000	24,500	
Stainless steel tension member	F _{zul}	2,520	3,420	5,580	8,640	11,520	17,640	
Belt width	Standard	[kg/m]	0.138	0.18	0.29	0.436	0.581	0.839
	DL	[kg/m]	0.184	0.233	0.375	0.566	0.755	-
	DR	[kg/m]	0.213	0.275	0.433	0.653	0.871	-
	T	[kg/m]	0.198	0.256	0.404	0.609	0.812	-

AT10		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	25	25	25	12	20	-	-	25	40	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	50	80	80	80	50	80	-	-	80	120	-	-
	Minimum number of teeth with contraflexure (z _{min})	25	25	25	25	20	20	-	-	40	40	-	-
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	120	120	120	120	80	80	-	-	130	130	-	-