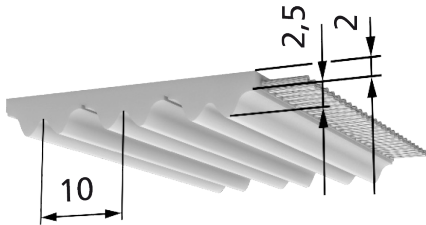
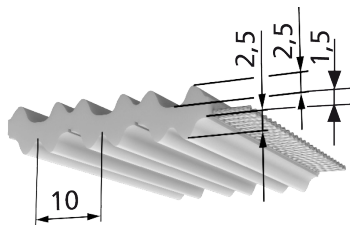


Standard



ATP10

Double-sided



ATP10-DL

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

16	25	32	50	75	100
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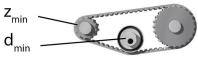
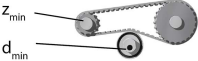
Available length and versions	ATP10	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	-
Minimum purchase	-	-
Any number of teeth available from	1,100 mm to 12,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	1,100 mm to 12,000 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	-	-
Standard material (BRECOFLEX from 720 mm)	TPUSM1	further materials on request
Steel tension member	Standard	-
E tension member	available	Minimum purchase amount on request
Stainless steel tension member	not available	-
PAZ	not available	without minimum purchase amount at standard lengths
DL / DL-PAZ (b _{max} =100 mm)	only DL-version available	Minimum purchase amount on request
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
1,500	150	2,650	265	4,500	450
1,600	160	2,800	280	4,750	475
1,700	170	3,000	300	5,000	500
1,900	190	3,150	315	5,300	530
2,000	200	3,350	335	5,600	560
2,120	212	3,550	355	6,000	600
2,240	224	3,750	375	6,300	630
2,360	236	4,000	400		
2,500	250	4,250	425		

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	95.5	15.199	0	1,900	53.323	8.487	16.884
20	94.098	14.976	0.314	2,000	52.396	8.339	17.464
40	92.785	14.767	0.619	2,200	50.656	8.062	18.572
60	91.551	14.571	0.915	2,400	49.052	7.807	19.619
80	90.385	14.385	1.205	2,600	47.562	7.57	20.609
100	89.282	14.21	1.488	2,800	46.173	7.349	21.546
150	86.756	13.808	2.169	2,880	45.642	7.264	21.907
200	84.505	13.449	2.817	3,000	44.871	7.141	22.434
300	80.642	12.835	4.032	3,200	43.645	6.946	23.276
400	77.357	12.312	5.157	3,400	42.488	6.762	24.075
500	74.535	11.863	6.211	3,600	41.393	6.588	24.834
600	72.052	11.467	7.205	3,800	40.352	6.422	25.554
700	69.834	11.114	8.147	4,000	39.361	6.264	26.239
730	69.212	11.015	8.42	4,500	37.073	5.9	27.803
800	67.831	10.796	9.043	5,000	35.012	5.572	29.175
900	66.004	10.505	9.9	5,500	33.138	5.274	30.374
1,000	64.325	10.238	10.72	6,000	31.419	5	31.417
1,100	62.772	9.99	11.507	6,500	29.832	4.748	32.316
1,200	61.328	9.761	12.265	7,000	28.358	4.513	33.082
1,300	59.977	9.546	12.994	7,500	26.981	4.294	33.724
1,400	58.709	9.344	13.698	8,000	25.691	4.089	34.252
1,460	57.984	9.228	14.108	8,500	24.475	3.895	34.67
1,500	57.514	9.154	14.377	9,000	23.328	3.713	34.989
1,600	56.348	8.968	15.025	9,500	22.24	3.54	35.211
1,700	55.313	8.803	15.671	10,000	21.207	3.375	35.342
1,800	54.294	8.641	16.287				

ATP10			Admissible tensile force of the belt F _{adm} / belt weight					
belt width	b [mm]		16	25	32	50	75	100
E / Steel tension member	F _{zul}		2,000	3,500	4,750	7,750	12,000	16,000
Stainless steel tension member	F _{zul}		-	-	-	-	-	-
Belt width	Standard	[kg/m]	0.096	0.15	0.192	0.3	0.45	0.6
	DL	[kg/m]	0.097	0.154	0.2	0.316	0.477	0.636
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

ATP10		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	-	-	12	20	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	50	80	-	-	50	60	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z _{min})	25	25	-	-	20	20	-	-	-	-	-	-
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	120	120	-	-	80	100	-	-	-	-	-	-