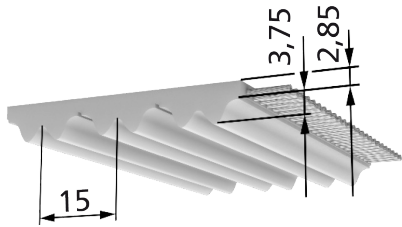
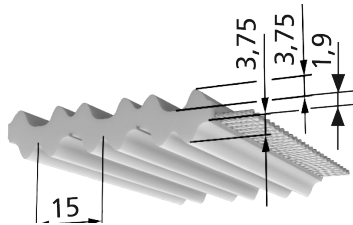


Standard



ATP15

Double-sided



ATP15-DL

Available length and versions	ATP15	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm / 150 mm	-
Minimum purchase	-	-
Any number of teeth available from	1,500 mm to 12,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	1,500 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	-

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

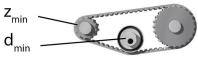
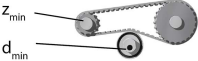
25	32	50	75	100	150
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Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
1,740	116	2,805	187	4,500	300
1,965	131	3,000	200	4,875	325
2,100	140	3,225	215	5,250	350
2,250	150	3,450	230	5,625	375
2,385	159	3,675	245	6,000	400
2,520	168	3,900	260		
2,670	178	4,125	275		

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	143.325	34.216	0	2,200	69.141	16.506	38.027
20	140.945	33.648	0.705	2,400	66.523	15.881	39.914
40	138.722	33.117	1.387	2,600	64.094	15.301	41.661
60	136.637	32.62	2.05	2,800	61.828	14.76	43.28
80	134.674	32.151	2.693	3,000	59.706	14.254	44.779
100	132.818	31.708	3.32	3,200	57.709	13.777	46.167
150	128.584	30.697	4.822	3,400	55.824	13.327	47.451
200	124.832	29.799	6.241	3,600	54.04	12.901	48.636
300	118.367	28.258	8.877	3,800	52.345	12.496	49.727
400	112.952	26.965	11.295	4,000	50.731	12.111	50.731
500	108.288	25.852	13.536	4,500	47.006	11.222	52.881
600	104.193	24.874	15.629	5,000	43.652	10.421	54.565
700	100.542	24.003	17.595	5,500	40.602	9.693	55.828
800	97.249	23.216	19.45	6,000	37.806	9.026	56.709
900	94.249	22.5	21.206	6,500	35.225	8.409	57.24
1,000	91.495	21.843	22.874	7,000	32.827	7.837	57.447
1,100	88.949	21.235	24.461	7,500	30.589	7.303	57.354
1,200	86.583	20.67	25.975	8,000	28.49	6.802	56.98
1,300	84.372	20.142	27.421	8,500	26.515	6.33	56.344
1,400	82.297	19.647	28.804	9,000	24.649	5.884	55.46
1,500	80.343	19.18	30.128	9,500	22.881	5.462	54.342
1,600	78.495	18.739	31.398	10,000	21.201	5.061	53.003
1,700	76.745	18.321	32.616	0	0	0	0
1,800	75.08	17.924	33.786	0	0	0	0
1,900	73.494	17.545	34.91	0	0	0	0
2,000	71.98	17.184	35.99				

ATP15			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}		4,950	6,750	11,250	17,550	23,850	36,450
Stainless steel tension member	F _{zul}		-	-	-	-	-	-
Belt width	Standard	[kg/m]	0.2	0.256	0.4	0.6	0.8	1.2
	DL	[kg/m]	0.21	0.272	0.432	0.654	0.876	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

ATP15		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})	20	25	-	-	18	20	-	-	-	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	100	120	-	-	80	100	-	-	-	-	-	-
	Minimum number of teeth with contraflexure (z _{min})	30	30	-	-	25	25	-	-	-	-	-	-
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	160	160	-	-	120	140	-	-	-	-	-	-