



Belt widths b [mm] (in-between belt widths on request)					
16	25	32	50	75	100

Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1500	150	2650	265	4500	450
1600	160	2800	280	4750	475
1700	170	3000	300	5000	500
1900	190	3150	315	5300	530
2000	200	3350	335	5600	560
2120	212	3550	355	6000	600
2240	224	3750	375	6300	630
2360	236	4000	400		
2500	250	4250	425		

BFX ATP10	Available lengths and versions
Standard lengths	see table on the right
Any number of teeth available from	1100 mm up to 12000 mm
Intermediate lengths	from 1100 mm <span style="float:right">o</span>
StandardPlus version	1100 mm up to 12000 mm
Over 12000 mm	on request
Standard material	TPU11 <sup>1)</sup>
Steel tension member (Standard)	x
E tension member	o
Stainless steel tension member	-
DL	o
DR / DR-PAZ	-
T / T-PAZ	-

- x available, standard lengths (see table) without minimum purchase
- o minimum purchase amount on request
- not available
- 1) further materials on request

BRECOFLEX® ATP10 Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min <sup>-1</sup> ]	F <sub>spec</sub> [N/cm]	M <sub>spec</sub> [Ncm/cm]	P <sub>spec</sub> [W/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>spec</sub> [N/cm]	M <sub>spec</sub> [Ncm/cm]	P <sub>spec</sub> [W/cm]
0	95,500	15,199	0,000	1900	53,323	8,487	16,884
20	94,098	14,976	0,314	2000	52,396	8,339	17,464
40	92,785	14,767	0,619	2200	50,656	8,062	18,572
60	91,551	14,571	0,915	2400	49,052	7,807	19,619
80	90,385	14,385	1,205	2600	47,562	7,570	20,609
100	89,282	14,210	1,488	2800	46,173	7,349	21,546
150	86,756	13,808	2,169	2880	45,642	7,264	21,907
200	84,505	13,449	2,817	3000	44,871	7,141	22,434
300	80,642	12,835	4,032	3200	43,645	6,946	23,276
400	77,357	12,312	5,157	3400	42,488	6,762	24,075
500	74,535	11,863	6,211	3600	41,393	6,588	24,834
600	72,052	11,467	7,205	3800	40,352	6,422	25,554
700	69,834	11,114	8,147	4000	39,361	6,264	26,239
730	69,212	11,015	8,420	4500	37,073	5,900	27,803
800	67,831	10,796	9,043	5000	35,012	5,572	29,175
900	66,004	10,505	9,900	5500	33,138	5,274	30,374
1000	64,325	10,238	10,720	6000	31,419	5,000	31,417
1100	62,772	9,990	11,507	6500	29,832	4,748	32,316
1200	61,328	9,761	12,265	7000	28,358	4,513	33,082
1300	59,977	9,546	12,994	7500	26,981	4,294	33,724
1400	58,709	9,344	13,698	8000	25,691	4,089	34,252
1460	57,984	9,228	14,108	8500	24,475	3,895	34,670
1500	57,514	9,154	14,377	9000	23,328	3,713	34,989
1600	56,348	8,968	15,025	9500	22,240	3,540	35,211
1700	55,313	8,803	15,671	10000	21,207	3,375	35,342
1800	54,294	8,641	16,287				

BRECOFLEX® ATP10 Admissible tensile force of the belt F <sub>adm</sub> / Belt weight								
Belt width	b [mm]	16	25	32	50	75	100	
E / Steel tension member	F <sub>adm</sub> [N]	2000	3500	4750	7750	12000	16000	
Stainless steel tension member	F <sub>adm</sub> [N]	-	-	-	-	-	-	
Belt weight	Standard	[kg/m]	0,096	0,150	0,192	0,300	0,450	0,600
	DL	[kg/m]	0,097	0,154	0,200	0,316	0,477	0,636

BRECOFLEX® ATP10 Flexibility (minimum number of teeth / minimum diameter)														
		Steel tension member				E tension member				Stainless steel tension member				
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T	
z <sub>min</sub> d <sub>min</sub>	Without contra-flexure	z <sub>min</sub>	15	25	-	-	12	20	-	-	-	-	-	-
		d <sub>min</sub> [mm]	50	80	-	-	50	60	-	-	-	-	-	-
z <sub>min</sub> d <sub>min</sub>	With contra-flexure	z <sub>min</sub>	25	25	-	-	20	20	-	-	-	-	-	-
		d <sub>min</sub> [mm]	120	120	-	-	80	100	-	-	-	-	-	-