



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

16	25	32	50	75	100
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BFX T10	Available lengths and versions	
Standard lengths	see table	
Minimum purchase amount	up to 700 mm	1 sleeve (b=100 mm)
Any number of teeth available from	720 mm up to 22000 mm	
Intermediate lengths	from 720 mm	o
StandardPlus version	720 mm up to 22000 mm	
Over 22000 mm	on request	
Standard material	up to 700 mm	TPUST3
	from 720 mm	TPUST1 ¹⁾
Steel tension member (Standard)	x	
E tension member	o	
Stainless steel tension member	o	
PAZ	x	
DL / DL-PAZ	from 900 mm	o
DR / DR-PAZ	from 900 mm	o
T / T-PAZ	o	

Standard lengths [mm] / Number of teeth

Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
500	50	1080	108	2650	265
530	53	1150	115	2800	280
560	56	1210	121	3000	300
600	60	1240	124	3100	310
610	61	1250	125	3150	315
630	63	1320	132	3350	335
660	66	1350	135	3750	375
690	69	1390	139	4000	400
700	70	1400	140	4250	425
720	72	1420	142	4500	450
780	78	1460	146	4750	475
810	81	1500	150	5000	500
840	84	1560	156	5300	530
880	88	1610	161	5600	560
890	89	1750	175	6000	600
920	92	1780	178	6300	630
960	96	1880	188	6700	670
970	97	1960	196	7100	710
980	98	2250	225	7500	750
990	99	2360	236	8000	800
1010	101	2500	250	9000	900

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

BRECOFLEX® T10 Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]	R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]
0	50,50	8,040	0,000	2000	25,40	4,040	8,460
20	49,00	7,800	0,163	2200	24,60	3,920	9,030
40	47,70	7,600	0,318	2400	23,90	3,810	9,580
60	46,60	7,420	0,466	2600	23,30	3,710	10,100
80	45,70	7,270	0,609	2800	22,70	3,620	10,600
100	44,80	7,130	0,746	3000	22,20	3,530	11,080
200	41,40	6,600	1,381	3200	21,70	3,450	11,550
300	39,10	6,220	1,953	3400	21,20	3,360	11,990
400	37,20	5,920	2,480	3600	20,70	3,300	12,420
500	35,70	5,680	2,980	3800	20,30	3,230	12,840
600	34,40	5,480	3,440	4000	19,86	3,160	13,240
700	33,30	5,310	3,890	4500	18,91	3,010	14,180
800	32,40	5,150	4,320	5000	18,06	2,870	15,050
900	31,50	5,010	4,730	5500	17,28	2,750	15,840
1000	30,70	4,890	5,120	6000	16,58	2,640	16,580
1100	30,00	4,770	5,500	6500	15,93	2,540	17,260
1200	29,30	4,670	5,870	7000	15,33	2,440	17,880
1300	28,70	4,570	6,220	7500	14,76	2,350	18,460
1400	28,20	4,480	6,570	8000	14,24	2,270	18,990
1500	27,60	4,400	6,910	8500	13,74	2,180	19,470
1600	27,10	4,320	7,230	9000	13,28	2,110	19,920
1700	26,70	4,240	7,550	9500	12,84	2,040	20,300
1800	26,20	4,170	7,860	10000	12,42	1,976	20,700
1900	25,80	4,100	8,160				

BRECOFLEX® T10 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 _{adm} [N]	1000	1800	2300	3800	5800	7800	
Stainless steel tension member	F _{adm} [N]	800	1440	1840	3040	4640	6240	
Belt weight	Standard	[kg/m]	0,068	0,14	0,145	0,227	0,341	0,454
	DL	[kg/m]	0,090	0,143	0,183	0,228	0,432	0,577
	DR	[kg/m]	0,119	0,185	0,237	0,372	0,558	0,795
	T	[kg/m]	0,107	0,170	0,217	0,342	0,513	0,685

BRECOFLEX® T10 Flexibility (minimum number of teeth / minimum diameter)

		Steel tension member															
		Standard				DL				DR				T			
		Stand-ard	DL	DR	T	Stand-ard	DL	DR	T	Stand-ard	DL	DR	T				
z _{min}	Without contra-flexure	12	20	20	20*	10	15	20	20	25	40	25	25				
	d _{min} [mm]	60	60	60	60	50	50	60	60	80	130	80	80				
z _{min}	With contra-flexure	20	20	20	20	15	15	20	20	40	40	40	40				
	d _{min} [mm]	60	60	80	80	50	50	80	80	130	130	130	130				

*Speed limitation