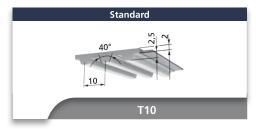
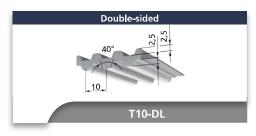
Standard timing belts (endless)

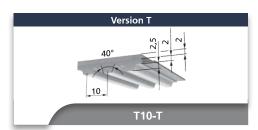
BRECOFLEX® T10











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

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

BFX T10	Available lengths and versions						
Standard lengths	see table						
Minimum purchase amount	up to 700 mm	1 sle (b= 100					
Any number of teeth available from	720 mm up to 22000 mm						
Intermediate lengths	from 720 r	nm	0				
StandardPlus version	720 mm up 1	o 22000	000 mm				
Over 22000 mm	on request						
Standard material	up to 700 mm TPL		IST3				
Standard material	from 720 mm	TPUS	TPUST1 ¹⁾				
Steel tension member (Standard)	;	ĸ					
E tension member	0						
Stainless steel tension member	0						
PAZ	х						
DL / DL-PAZ	from 900 mm	,					
DR / DR-PAZ	from 900 mm	c					
T / T-PAZ	0						

Standar	Standard lengths [mm] / Number of teeth											
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth							
500	50	1080	108		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							
	69		139		400							
700	70	1400	140	4250	425							
720	72	1420	142		450							
780	78	1460	146	4750	475							
810	81	1500	150	5000	500							
840	84		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							

RECOFLEX®	T10	Tooth sh	near strength (s	pecific belt too	th load bearing	1)	
R.p.m.	F _{Uspec}	M _{spec}	P _{spec}	R.p.m.	F _{Uspec}	M _{spec}	P _{spec}
n [min ⁻¹]	[N/cm]	[Ncm/cm]	[W/cm]	n [min ⁻¹]	[N/cm]	[Ncm/cm]	[W/cm
	50,50	8,040	0,000	2000	25,40	4,040	8,460
	49,00	7,800	0,163	2200	24,60	3,920	9,030
	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
	45,70	7,270	0,609	2800	22,70	3,620	10,600
	44,80	7,130	0,746	3000	22,20	3,530	11,080
	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
	37,20	5,920	2,480	3600	20,70	3,300	12,420
	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
	31,50	5,010	4,730	5500	17,28	2,750	15,840
	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® T	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 ten	s steel tension member F _{adm} [N] 800 1440 1840		3040	4640	6240					
	Standard	[kg/m]	0,068	0,14	0,145	0,227	0,341	0,454		
Dalkanaiaka	DL	[kg/m]	0,090	0,143	0,183	0,228	0,432	0,577		
Be l t weight	DR	[kg/m]	0,119	0,185	0,237	0,372	0,558	0,795		
	Т	[kg/m]	0,107	0,170	0,217	0,342	0,513	0,685		

BRECOFLEX® T10 Flexibility (minimum number of teeth / minimum diameter)															
			Steel	tensior	n meml		E te		membe		Stainless steel tension mem				
		Stan- dard	DL		Т	Stan- dard	DL	DR	Т	Stan- dard	DL	DR	Т		
Z _{min}	Without contra-	Z _{min}	12	20	20	20*	10	15	20	20	25	40	25	25	
d _{min}	flexure	d _{min} [mm]	60	60	60	60	50	50	60	60	80	130	80	80	
z _{min} d _{min}	With contra-	Z _{min}	20	20	20	20	15	15	20	20	40	40	40	40	
	flexure	d _{min} [mm]	60	60	80	80	50	50	80	80	130	130	130	130	

*Speed limitation

61