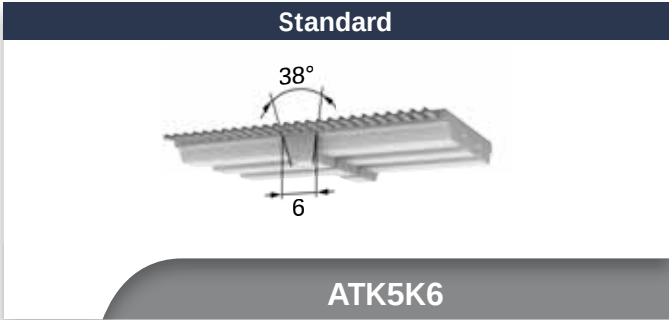
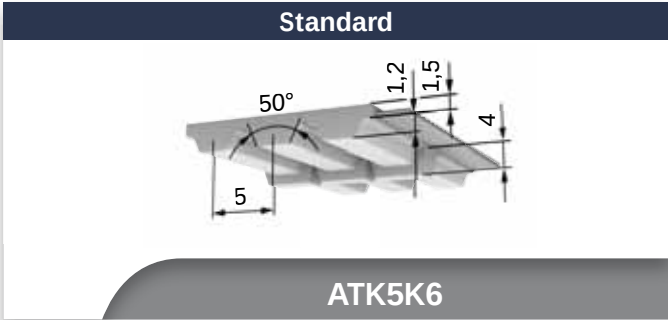




Belt widths b [mm] (in-between belt widths on request)	
50	100

BFX ATK5K6	Available lengths and versions	
Standard lengths	see table on the right	
Any number of teeth available from	1075 mm up to 15000 mm	
Intermediate lengths	from 1075 mm	o
StandardPlus version	1075 mm up to 15000 mm	
Over 15000 mm	on request	
Standard material	TPUST1 ¹⁾	
Steel tension member	-	
E tension member (Standard)	x	
Stainless steel tension member	o	
PAZ	x	
DL / DL-PAZ	-	
DR / DR-PAZ	-	
T / T-PAZ	-	

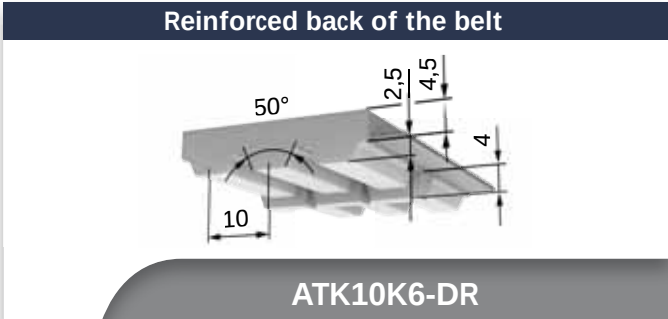
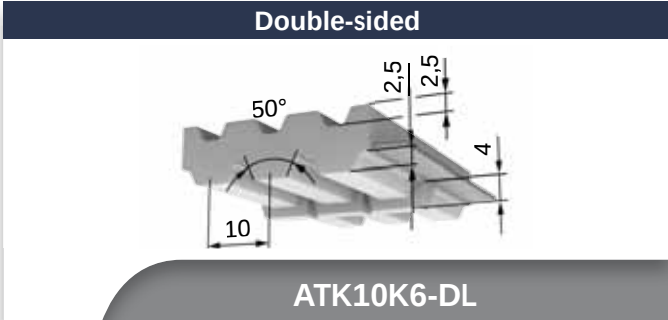
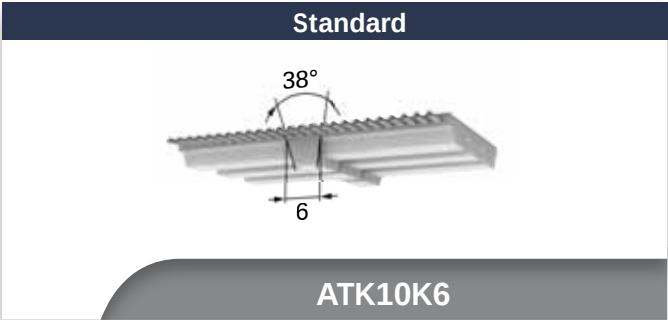
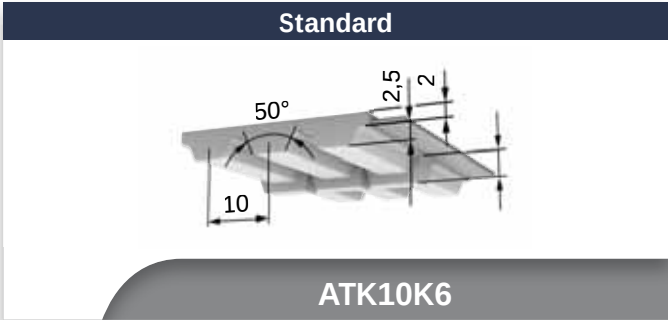
Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1075	215	2240	448	4500	900
1100	220	2360	472	4750	950
1215	243	2500	500	5000	1000
1380	276	2650	530	5300	1060
1400	280	2800	560	5600	1120
1500	300	3000	600	6000	1200
1600	320	3150	630	6300	1260
1700	340	3350	670	6700	1340
1800	360	3550	710	7100	1420
1900	380	3750	750	7500	1500
2000	400	4000	800		
2120	424	4250	850		

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

BRECOFLEX® ATK5K6 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	35,3	2,810	0,000	2000	21,90	1,740	3,650
20	34,9	2,780	0,058	2200	21,30	1,695	3,910
40	34,5	2,750	0,115	2400	20,80	1,654	4,160
60	34,1	2,720	0,171	2600	20,30	1,615	4,400
80	33,8	2,690	0,225	2800	19,84	1,579	4,630
100	33,5	2,660	0,279	3000	19,42	1,545	4,850
200	32,0	2,550	0,534	3200	19,01	1,513	5,070
300	30,9	2,460	0,771	3400	18,64	1,483	5,280
400	29,8	2,370	0,995	3600	18,28	1,454	5,480
500	29,0	2,300	1,207	3800	17,93	1,427	5,680
600	28,2	2,240	1,409	4000	17,61	1,401	5,870
700	27,5	2,190	1,603	4500	16,86	1,342	6,320
800	26,8	2,140	1,789	5000	16,18	1,288	6,740
900	26,3	2,090	1,969	5500	15,56	1,239	7,130
1000	25,7	2,050	2,140	6000	15,00	1,194	7,500
1100	25,2	2,010	2,310	6500	14,48	1,152	7,840
1200	24,8	1,970	2,480	7000	13,99	1,113	8,160
1300	24,3	1,936	2,640	7500	13,54	1,077	8,460
1400	23,9	1,903	2,790	8000	13,11	1,043	8,740
1500	23,5	1,872	2,940	8500	12,71	1,011	9,000
1600	23,2	1,843	3,090	9000	12,33	0,981	9,240
1700	22,8	1,816	3,230	9500	11,97	0,953	9,470
1800	22,5	1,789	3,370	10000	11,63	0,925	9,690
1900	22,2	1,764	3,510				

BRECOFLEX® ATK5K6 Admissible tensile force of the belt F _{adm} / Belt weight			
Belt width	b [mm]	50	100
E / Steel tension member	F _{adm} [N]	4200	8610
Stainless steel tension member (E)	F _{adm} [N]	2730	5597
Belt weight	Standard	[kg/m]	0,167
	DL	[kg/m]	-
	DR	[kg/m]	-
	T	[kg/m]	-

BRECOFLEX® ATK5K6 Flexibility (minimum number of teeth / minimum diameter)													
		Steel tension member				E tension member				Stainless steel tension member (E)			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Without contra-flexure	z _{min}	-	-	-	25	-	-	-	25	-	-	-
		d _{min} [mm]	-	-	-	40	-	-	-	40	-	-	-
	With contra-flexure	z _{min}	-	-	-	25	-	-	-	30	-	-	-
		d _{min} [mm]	-	-	-	80	-	-	-	80	-	-	-



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)

50	100
----	-----

BFX ATK10K6	Available lengths and versions	
Standard lengths	see table on the right	
Any number of teeth available from	b= 50 mm	from 720 mm
	1080 mm	up to 22000 mm
Intermediate lengths	b= 50 mm	from 720 mm
	b= 100 mm	up to 1080 mm
StandardPlus version	b=50 mm: from 720 mm	
	1080 mm up to 22000 mm	
Over 22000 mm	on request	
Standard material	TPUST1 ¹⁾	
Steel tension member (Standard)	x	
E tension member	o	
Stainless steel tension member	o	
PAZ	from 1500 mm	x
DL / DL-PAZ	o	
DR / DR-PAZ	o	
T / T-PAZ	-	

Standard lengths [mm] / Number of teeth

Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1500	150	2650	265	4750	475
1600	160	2800	280	5000	500
1700	170	3000	300	5300	530
1800	180	3150	315	5600	560
1900	190	3350	335	6000	600
2000	200	3550	355	6300	630
2120	212	3750	375	6700	670
2240	224	4000	400	7100	710
2360	236	4250	425	7500	750
2500	250	4500	450	8000	800

BRECOFLEX® ATK10K6 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	73,5	11,70	0,000	2000	40,30	6,42	13,440
20	72,4	11,53	0,241	2200	39,00	6,20	14,300
40	71,4	11,37	0,476	2400	37,80	6,01	15,100
60	70,5	11,21	0,705	2600	36,60	5,83	15,860
80	69,6	11,07	0,928	2800	35,50	5,66	16,580
100	68,7	10,94	1,145	3000	34,50	5,50	17,270
200	65,0	10,35	2,170	3200	33,60	5,35	17,920
300	62,1	9,88	3,100	3400	32,70	5,20	18,530
400	59,5	9,48	3,970	3600	31,90	5,07	19,110
500	57,4	9,13	4,780	3800	31,10	4,94	19,670
600	55,5	8,83	5,550	4000	30,30	4,82	20,200
700	53,7	8,55	6,270	4500	28,50	4,54	21,400
800	52,2	8,31	6,960	5000	26,90	4,29	22,500
900	50,8	8,08	7,620	5500	25,50	4,06	23,400
1000	49,5	7,88	8,250	6000	24,20	3,85	24,200
1100	48,3	7,69	8,860	6500	23,00	3,65	24,900
1200	47,2	7,51	9,440	7000	21,80	3,47	25,500
1300	46,2	7,35	10,000	7500	20,80	3,30	26,000
1400	45,2	7,19	10,540	8000	19,77	3,15	26,400
1500	44,3	7,04	11,070	8500	18,84	3,00	26,700
1600	43,4	6,91	11,570	9000	17,95	2,86	26,900
1700	42,6	6,78	12,060	9500	17,12	2,72	27,100
1800	41,8	6,65	12,540	10000	16,32	2,60	27,200
1900	41,0	6,53	13,000				

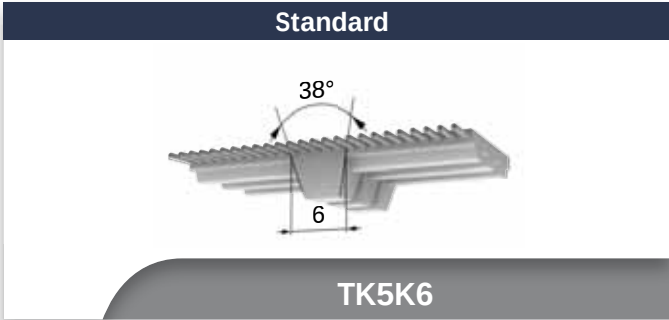
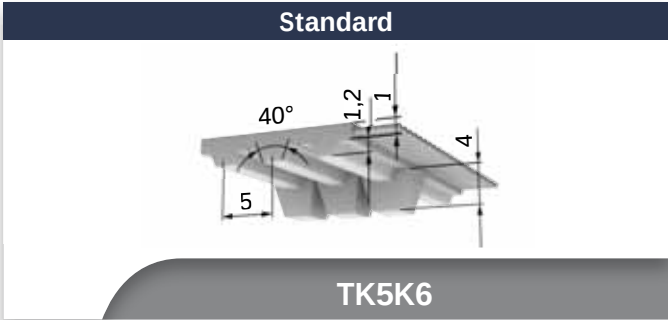
BRECOFLEX® ATK10K6 Admissible tensile force of the belt F_{adm} / Belt weight

Belt width	b [mm]	50	100
E / Steel tension member	F _{adm} [N]	7750	16000
Stainless steel tension member	F _{adm} [N]	5600	11200
Belt weight	Standard	[kg/m]	0,290
	DL	[kg/m]	0,386
	DR	[kg/m]	0,445
	T	[kg/m]	-

BRECOFLEX® ATK10K6 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
	Without contra-flexure	z _{min}	20	25	25*	-	18	20	-	25	40	25	-
		d _{min} [mm]	80	80	80	-	60	80	-	80	120	80	-
	With contra-flexure	z _{min}	25	25	25	-	20	22	-	40	40	40	-
		d _{min} [mm]	120	120	120	-	80	100	-	120	120	120	-

*Speed limitation



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

BFX TK5K6	Available lengths and versions	
Standard lengths	see table on the right	
Any number of teeth available from	b= 50 mm	from 720 mm
	1075 mm up to 15000 mm	
Intermediate lengths	b= 50 mm	from 720 mm
	b= 100 mm	from 1075 mm
StandardPlus version	b= 50 mm: from 720 mm	
	1075 mm up to 15000 mm	
Over 15000 mm	on request	
Standard material	TPUST1 ¹⁾	
Steel tension member (Standard)	x	
E tension member	o	
Stainless steel tension member	o	
PAZ	from 1075 mm	x
DL / DL-PAZ	-	
DR / DR-PAZ	-	
T / T-PAZ	-	

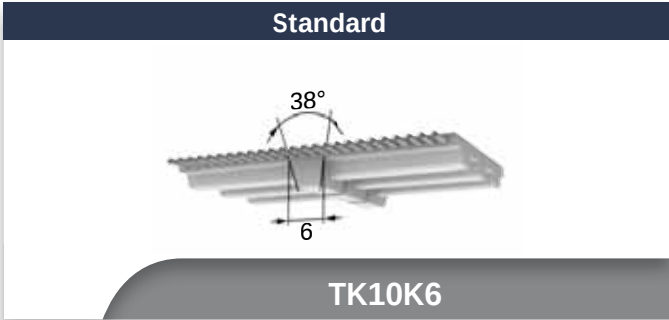
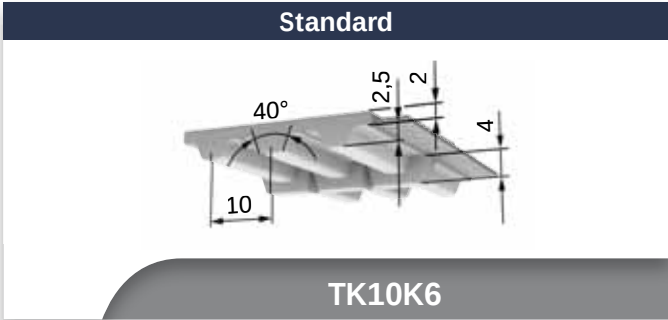
- x available, standard lengths (see table) without minimum purchase
o minimum purchase amount on request
- not available
1) further materials on request

Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1075	215	2240	448	4500	900
1100	220	2360	472	4750	950
1215	243	2500	500	5000	1000
1380	276	2650	530	5300	1060
1400	280	2800	560	5600	1120
1500	300	3000	600	6000	1200
1600	320	3150	630	6300	1260
1700	340	3350	670	6700	1340
1800	360	3550	710	7100	1420
1900	380	3750	750	7500	1500
2000	400	4000	800		
2120	424	4250	850		

BRECOFLEX® TK5K6 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	24,00	1,910	0,000	2000	13,69	1,089	2,280
20	23,40	1,861	0,039	2200	13,38	1,065	2,450
40	22,90	1,819	0,076	2400	13,10	1,042	2,620
60	22,40	1,783	0,112	2600	12,84	1,021	2,780
80	22,00	1,751	0,147	2800	12,59	1,002	2,940
100	21,70	1,723	0,180	3000	12,37	0,984	3,090
200	20,30	1,614	0,338	3200	12,16	0,967	3,240
300	19,30	1,536	0,483	3400	11,96	0,951	3,390
400	18,55	1,476	0,618	3600	11,77	0,936	3,530
500	17,93	1,427	0,747	3800	11,59	0,922	3,670
600	17,41	1,385	0,870	4000	11,42	0,909	3,810
700	16,96	1,349	0,989	4500	11,03	0,878	4,140
800	16,56	1,318	1,104	5000	10,68	0,850	4,450
900	16,20	1,289	1,215	5500	10,36	0,825	4,750
1000	15,88	1,263	1,323	6000	10,07	0,802	5,040
1100	15,58	1,240	1,428	6500	9,81	0,780	5,310
1200	15,31	1,218	1,531	7000	9,56	0,761	5,580
1300	15,06	1,198	1,632	7500	9,33	0,742	5,830
1400	14,83	1,180	1,730	8000	9,11	0,725	6,080
1500	14,61	1,162	1,826	8500	8,91	0,709	6,310
1600	14,40	1,146	1,920	9000	8,72	0,694	6,540
1700	14,21	1,131	2,010	9500	8,54	0,679	6,760
1800	14,03	1,116	2,100	10000	8,37	0,666	6,970
1900	13,85	1,102	2,190				

BRECOFLEX® TK5K6 Admissible tensile force of the belt F _{adm} / Belt weight			
Belt width	b [mm]	50	100
E / Steel tension member	F _{adm} [N]	1920	3930
Stainless steel tension member	F _{adm} [N]	1460	2990
Belt weight	Standard	[kg/m]	0,123
	DL	[kg/m]	-
	DR	[kg/m]	-
	T	[kg/m]	-

BRECOFLEX® TK5K6			Flexibility (minimum number of teeth / minimum diameter)											
			Steel tension member				E tension member				Stainless steel tension member			
			Stan- dard	DL	DR	T	Stan- dard	DL	DR	T	Stan- dard	DL	DR	T
	Without contra- flexure	z _{min}	25	-	-	-	25	-	-	-	25	-	-	-
		d _{min} [mm]	40	-	-	-	40	-	-	-	40	-	-	-
	With contra- flexure	z _{min}	25	-	-	-	25	-	-	-	36	-	-	-
		d _{min} [mm]	60	-	-	-	60	-	-	-	60	-	-	-



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

BFX TK10K6	Available lengths and versions	
Standard lengths	see table on the right	
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	TPUST1 ¹⁾	
Steel tension member (Standard)	x	
E tension member	o	
Stainless steel tension member	o	
PAZ	from 1080 mm	x
DL / DL-PAZ	-	
DR / DR-PAZ	-	
T / T-PAZ	-	

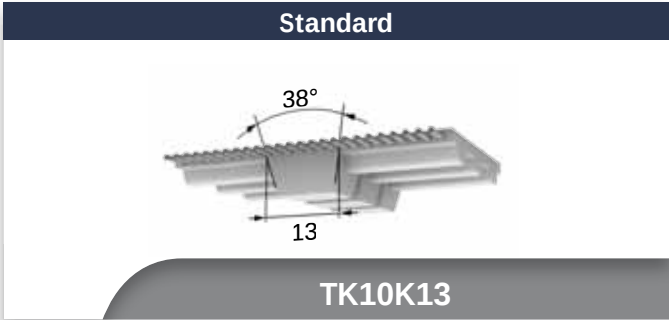
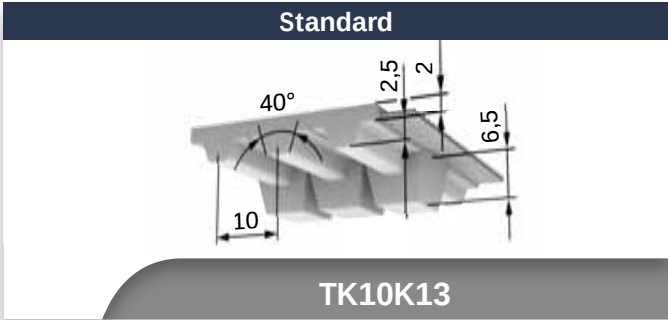
Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1080	108	1750	175	4000	400
1150	115	1780	178	4250	425
1210	121	1880	188	4500	450
1240	124	1960	196	4750	475
1250	125	2250	225	5000	500
1320	132	2360	236	5300	530
1350	135	2500	250	5600	560
1390	139	2650	265	6000	600
1400	140	2800	280	6300	630
1420	142	3000	300	6700	670
1460	146	3100	310	7100	710
1500	150	3150	315	7500	750
1560	156	3350	335	8000	800
1610	161	3750	375	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® TK10K6 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® TK10K6 Admissible tensile force of the belt F _{adm} / Belt weight			
Belt width	b [mm]	50	100
E / Steel tension member	F _{adm} [N]	3800	7800
Stainless steel tension member	F _{adm} [N]	3040	6240
Belt weight	Standard	[kg/m]	0,235
	DL	[kg/m]	-
	DR	[kg/m]	-
	T	[kg/m]	-

BRECOFLEX® TK10K6			Flexibility (minimum number of teeth / minimum diameter)											
			Steel tension member				E tension member				Stainless steel tension member			
			Stan- dard	DL	DR	T	Stan- dard	DL	DR	T	Stan- dard	DL	DR	T
	Without contra- flexure	z _{min}	20	-	-	-	20	-	-	-	25	-	-	-
		d _{min} [mm]	60	-	-	-	60	-	-	-	80	-	-	-
	With contra- flexure	z _{min}	25	-	-	-	25	-	-	-	40	-	-	-
		d _{min} [mm]	80	-	-	-	80	-	-	-	130	-	-	-



Belt widths b [mm] (in-between belt widths on request)
50

BFX TK10K13	Available lengths and versions
Standard lengths	see table on the right
Any number of teeth available from	1200 mm up to 22000 mm
Intermediate lengths	from 1200 mm o
StandardPlus version	1200 mm up to 22000 mm
Over 22000 mm	on request
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	o
Stainless steel tension member	o
PAZ	x
DL / DL-PAZ	-
DR / DR-PAZ	-
T / T-PAZ	-

Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1500	150	2650	265	5300	530
1560	156	3000	300	5600	560
1610	161	3100	310	6000	600
1750	175	3150	315	6300	630
1780	178	3350	335	6700	670
1880	188	3750	375	7100	710
1960	196	4000	400	7500	750
2250	225	4250	425	8000	800
2360	236	4500	450	9000	900
2500	250	4750	475		
2800	280	5000	500		

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

BRECOFLEX® TK10K13 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	8,04	0,000	2000	25,40	4,040	8,460
20	49,00	7,80	0,163	2200	24,60	3,920	9,030
40	47,70	7,60	0,318	2400	23,90	3,810	9,580
60	46,60	7,42	0,466	2600	23,30	3,710	10,100
80	45,70	7,27	0,609	2800	22,70	3,620	10,600
100	44,80	7,13	0,746	3000	22,20	3,530	11,080
200	41,40	6,60	1,381	3200	21,70	3,450	11,550
300	39,10	6,22	1,953	3400	21,20	3,360	11,990
400	37,20	5,92	2,480	3600	20,70	3,300	12,420
500	35,70	5,68	2,980	3800	20,30	3,230	12,840
600	34,40	5,48	3,440	4000	19,86	3,160	13,240
700	33,30	5,31	3,890	4500	18,91	3,010	14,180
800	32,40	5,15	4,320	5000	18,06	2,870	15,050
900	31,50	5,01	4,730	5500	17,28	2,750	15,840
1000	30,70	4,89	5,120	6000	16,58	2,640	16,580
1100	30,00	4,77	5,500	6500	15,93	2,540	17,260
1200	29,30	4,67	5,870	7000	15,33	2,440	17,880
1300	28,70	4,57	6,220	7500	14,76	2,350	18,460
1400	28,20	4,48	6,570	8000	14,24	2,270	18,990
1500	27,60	4,40	6,910	8500	13,74	2,180	19,470
1600	27,10	4,32	7,230	9000	13,28	2,110	19,920
1700	26,70	4,24	7,550	9500	12,84	2,040	20,300
1800	26,20	4,17	7,860	10000	12,42	1,976	20,700
1900	25,80	4,10	8,160				

BRECOFLEX® TK10K13 Admissible tensile force of the belt F _{adm} / Belt weight			
Belt width	b [mm]	50	
E / Steel tension member	F _{adm} [N]	3800	
Stainless steel tension member	F _{adm} [N]	3040	
Belt weight	Standard	[kg/m]	0,283
	DL	[kg/m]	-
	DR	[kg/m]	-
	T	[kg/m]	-

BRECOFLEX® TK10K13			Flexibility (minimum number of teeth / minimum diameter)											
			Steel tension member				E tension member				Stainless steel tension member			
			Stan- dard	DL	DR	T	Stan- dard	DL	DR	T	Stan- dard	DL	DR	T
	Without contra- flexure	z _{min}	25	-	-	-	25	-	-	-	25	-	-	-
		d _{min} [mm]	80	-	-	-	80	-	-	-	80	-	-	-
	With contra- flexure	z _{min}	25	-	-	-	25	-	-	-	40	-	-	-
		d _{min} [mm]	120	-	-	-	120	-	-	-	130	-	-	-