



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

25	50
----	----

TK10K6 (M/V)	Available lengths and versions
Standard delivery lengths (M)	rolls of 50 or 100 m
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	1000 mm
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	-
Stainless steel tension member	o
PAZ	x
PAR	x
PAZ-PAR	x
DL / DL-PAZ	-
DR / DR-PAZ	-
T / T-PAZ	-

- x available
- o minimum purchase amount on request
- not available
- 1) further materials on request

BRECO® TK10K6 (M/V)		Specific tooth force					
R.p.m. n [min ⁻¹]	F _{tspec} [N/cm]	R.p.m. n [min ⁻¹]	F _{tspec} [N/cm]	R.p.m. n [min ⁻¹]	F _{tspec} [N/cm]	R.p.m. n [min ⁻¹]	F _{tspec} [N/cm]
0	50,50	800	32,40	2000	25,40	5000	18,06
20	49,00	900	31,50	2200	24,60	5500	17,28
40	47,70	1000	30,70	2400	23,90	6000	16,58
60	46,60	1100	30,00	2600	23,30	6500	15,93
80	45,70	1200	29,30	2800	22,70	7000	15,33
100	44,80	1300	28,70	3000	22,20	7500	14,76
200	41,40	1400	28,20	3200	21,70	8000	14,24
300	39,10	1500	27,60	3400	21,20	8500	13,74
400	37,20	1600	27,10	3600	20,70	9000	13,28
500	35,70	1700	26,70	3800	20,30	9500	12,84
600	34,40	1800	26,20	4000	19,86	10000	12,42
700	33,30	1900	25,80	4500	18,91		

BRECO® TK10K6 (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight		
Belt width	b [mm]	25	50	
M	E / Steel tension member	F _{Tadm} [N]	2400	4200
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	5,5·10 ⁵	11,0·10 ⁵
	Stainless steel tension member	F _{Tadm} [N]	1920	3360
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	5,5·10 ⁵	11,0·10 ⁵
V	E / Steel tension member	F _{Tadm} [N]	1200	2100
	Stainless steel tension member	F _{Tadm} [N]	960	1680
Belt weight	Standard	[kg/m]	0,129	0,239
	DL	[kg/m]	-	-
	DR	[kg/m]	-	-
	T	[kg/m]	-	-

BRECO® TK10K6 (M/V)		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 _{min} d _{min}	Without contra-flexure	z _{min}	20	-	-	-	-	-	-	-	25	-	-	-
		d _{min} [mm]	60	-	-	-	-	-	-	-	80	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	25	-	-	-	-	-	-	-	40	-	-	-
		d _{min} [mm]	80	-	-	-	-	-	-	-	130	-	-	-