



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

TK5K6 (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® TK5K6 (M/V)		Specific tooth force		BRECO® TK5K6 (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	24,00	800	16,56	2000	13,69	5000	10,68
20	23,40	900	16,20	2200	13,38	5500	10,36
40	22,90	1000	15,88	2400	13,10	6000	10,07
60	22,40	1100	15,58	2600	12,84	6500	9,81
80	22,00	1200	15,31	2800	12,59	7000	9,56
100	21,70	1300	15,06	3000	12,37	7500	9,33
200	20,30	1400	14,83	3200	12,16	8000	9,11
300	19,30	1500	14,61	3400	11,96	8500	8,91
400	18,55	1600	14,40	3600	11,77	9000	8,72
500	17,93	1700	14,21	3800	11,59	9500	8,54
600	17,41	1800	14,03	4000	11,42	10000	8,37
700	16,96	1900	13,85	4500	11,03		

BRECO® TK5K6 (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight			
Belt width		b [mm]	25	32	50
M	E / Steel tension member	F _{Tadm} [N]	840	1080	1680
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	21,0·10 ⁴	27,0·10 ⁴	42,0·10 ⁴
	Stainless steel tension member	F _{Tadm} [N]	640	820	1280
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	21,0·10 ⁴	27,0·10 ⁴	42,0·10 ⁴
V	E / Steel tension member	F _{Tadm} [N]	420	540	840
	Stainless steel tension member	F _{Tadm} [N]	320	410	640
Belt weight	Standard	[kg/m]	0,067	0,082	0,119
	DL	[kg/m]	-	-	-
	DR	[kg/m]	-	-	-
	T	[kg/m]	-	-	-

BRECO® TK5K6 (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}	25	-	-	-	-	-	-	-	25	-	-	-
		d _{min} [mm]	60	-	-	-	-	-	-	-	60	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	25	-	-	-	-	-	-	-	36	-	-	-
		d _{min} [mm]	80	-	-	-	-	-	-	-	80	-	-	-