



Belt widths b [mm] (in-between belt widths on request)			
38,1	50,8	76,2	101,6

TK1/2"K13 (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 <sup>1)</sup>
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	o

BRECO® TK1/2"K13 (M/V) Specific tooth force							
R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]
0	44,00	800	28,20	2000	22,10	5000	15,74
20	42,70	900	27,50	2200	21,50	5500	15,07
40	41,60	1000	26,80	2400	20,90	6000	14,46
60	40,70	1100	26,20	2600	20,30	6500	13,89
80	39,80	1200	25,60	2800	19,81	7000	13,36
100	39,10	1300	25,10	3000	19,33	7500	12,87
200	36,10	1400	24,60	3200	18,88	8000	12,42
300	34,10	1500	24,10	3400	18,45	8500	11,99
400	32,50	1600	23,70	3600	18,05	9000	11,58
500	31,10	1700	23,20	3800	17,68	9500	11,19
600	30,00	1800	22,90	4000	17,32	10000	10,83
700	29,10	1900	22,50	4500	16,49		

BRECO® TK1/2"K13 (M/V) Admissible tension cord strength F <sub>Tadm</sub> / Specific elasticity / Belt weight						
Belt width		b [mm]	38,1	50,8	76,2	101,6
M	E / Steel tension member	F <sub>Tadm</sub> [N]	3200	4200	4800	6200
	Specific elasticity (E- / Steel tension member)	C <sub>spec</sub> [N]	0,80·10 <sup>6</sup>	1,10·10 <sup>6</sup>	1,65·10 <sup>6</sup>	2,20·10 <sup>6</sup>
	Stainless steel tension member	F <sub>Tadm</sub> [N]	2560	3360	3840	4960
	Specific elasticity (stainless steel tension member)	C <sub>spec</sub> [N]	0,80·10 <sup>6</sup>	1,10·10 <sup>6</sup>	1,65·10 <sup>6</sup>	2,20·10 <sup>6</sup>
V	E / Steel tension member	F <sub>Tadm</sub> [N]	1600	2100	2400	3100
	Stainless steel tension member	F <sub>Tadm</sub> [N]	1280	1680	1920	2480
Belt weight	Standard	[kg/m]	0,222	0,275	0,368	0,469
	DL	[kg/m]	-	-	-	-
	DR	[kg/m]	-	-	-	-
	T	[kg/m]	0,253	0,338	0,507	0,676

BRECO® TK1/2"K13 (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 <sub>min</sub> d <sub>min</sub>	Without contra-flexure	z <sub>min</sub>	18	-	-	20	-	-	-	-	22	-	-	22
		d <sub>min</sub> [mm]	80	-	-	80	-	-	-	-	80	-	-	80
z <sub>min</sub> d <sub>min</sub>	With contra-flexure	z <sub>min</sub>	20	-	-	20	-	-	-	-	32	-	-	32
		d <sub>min</sub> [mm]	120	-	-	120	-	-	-	-	130	-	-	130

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