Specific tooth force

 \boldsymbol{F}_{tspec}

[N/cm]

28,20

27,50

26,80

26,20

25,60

25,10

24,60

24,10

23,70

23,20

22,90

 $\mathsf{F}_{\mathsf{tspec}}$

[N/cm]

22,10

21,50

20,90

20,30

19,81

19,33

18,88

18,45

18,05

17,68

17,32

0,338

0,507

3000

3400

BRECO® TK1/2"K13 (M/V)

[N/cm]

44,00

42,70

41,60

40,70

39,80

39,10

36,10

34,10

32,50

31,10

30,00

[N/cm]

15,74

15,07

14,46

13,89

13,36

12,87

12,42

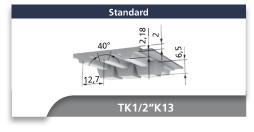
11,99

11,58

11,19

10,83

0,676



Standard
38°
TK1/2"K13



TK1/2"K13-T

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 ¹⁾
Steel tension member (Standard)	х
E tension member	-
Stainless steel tension member	0
PAZ	х
PAR	х
PAZ-PAR	х
DL / DL-PAZ	-
DR / DR-PAZ	-
T / T-PAZ	0

	700	20.40	4000	22.5	0 45	00	16.40		_				
	700	29,10	1900	22,5	0 45	00	16,49						
BRECO® TK1/2"K13 (M/V) Admissible tension cord strength F _{tadm} / Specific elasticity / Belt weight													
Bel	t width			b [mm]	38,1		50,8	76,2	101,6				
E / Steel tension member			F _{Tadm} [N]	3200		4200	4800	6200					
	Specific elasticity (E- / Steel tension member)				0,80·106		1,10·10 ⁶	1,65·10 ⁶	2,20·10 ⁶				
IVI	Stainless steel tension member			F _{Tadm} [N]	2560		3360	3840	4960				
Specific elasticity (stainless steel tension member)			stainless steel tension member)		ty (stainless steel tension member)		asticity (stainless steel tension member)		0,80·106		1,10·10 ⁶	1,65⋅10⁵	2,20·10 ⁶
E / Steel tension member		Steel tension member		Steel tension member		F _{Tadm} [N]	1600		2100	2400	3100		
Stainless steel tension member		ess steel tension member		F _{Tadm} [N]	1280		1680	1920	2480				
		Stan	dard	[kg/m]	0,222		0,275	0,368	0,469				
		D		[kg/m]	-		-	-	-				
Be	Belt weight		[ka/m]	_		_	_	_					

BRECO® TK1/2"K13	lity (minimum number of teeth / minimum diameter)													
			Steel tension member			E tension member				Stainless steel tension member				
		Standard	DL	DR	Т	Standard				Standard	DL	DR		
z _{min} d _{min}	Without contra-	Z _{min}	18	-	-	20	-	-	-	-	22	-	-	22
	flexure	d _{min} [mm]	80	-	-	80	-	-	-	-	80	-	-	80
z _{min} d _{min}	With contra-	Z _{min}	20	-	-	20	-	-	-	-	32	-	-	32
	flexure	d _{min} [mm]	120	-	-	120	-	-	-	-	130	1	-	130

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

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