



Belt widths b [mm] (in-between belt widths on request)					
6,35*	7,94	9,53	12,7	19,1	25,4

*only M

T1/5" (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)	$b_{min}=7,94$ 880 mm
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	-
Stainless steel tension member	-
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® T1/5" (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	24,40	800	16,83	2000	13,91	5000	10,86
20	23,80	900	16,47	2200	13,60	5500	10,54
40	23,20	1000	16,14	2400	13,31	6000	10,24
60	22,80	1100	15,84	2600	13,05	6500	9,97
80	22,40	1200	15,57	2800	12,80	7000	9,72
100	22,00	1300	15,31	3000	12,57	7500	9,49
200	20,60	1400	15,07	3200	12,36	8000	9,27
300	19,63	1500	14,85	3400	12,16	8500	9,06
400	18,86	1600	14,64	3600	11,96	9000	8,86
500	18,23	1700	14,45	3800	11,78	9500	8,68
600	17,70	1800	14,26	4000	11,61	10000	8,51
700	17,24	1900	14,08	4500	11,21		

BRECO® T1/5" (M/V) Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight								
Belt width		b [mm]	6,35	7,94	9,53	12,7	19,1	25,4
M	E / Steel tension member	F _{Tadm} [N]	210	240	330	390	660	840
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	5,25·10 ⁴	6,0·10 ⁴	8,25·10 ⁴	9,75·10 ⁴	16,5·10 ⁴	21,0·10 ⁴
	Stainless steel tension member	F _{Tadm} [N]	-	-	-	-	-	-
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	-	-	-	-	-	-
V	E / Steel tension member	F _{Tadm} [N]	-	120	165	195	330	420
	Stainless steel tension member	F _{Tadm} [N]	-	-	-	-	-	-
Belt weight	Standard	[kg/m]	0,015	0,019	0,023	0,03	0,046	0,061
	DL	[kg/m]	-	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

BRECO® T1/5" (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}	10 (25)	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	30 (60)	-	-	-	-	-	-	-	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	15 (25)	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	30 (60)	-	-	-	-	-	-	-	-	-	-

(Deviate values in brackets apply to joined timing belts.)