



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

50,8	76,2	101,6
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T7/8" (M/V)	Available lengths and versions
Standard delivery lengths (M)	rolls of 50 m
Cut to lengths / lengths > 50 m	on request
Minimum length joined (V)	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® T7/8" (M/V)		Specific tooth force					
R.p.m.	F _{tspec} [N/cm]	R.p.m.	F _{tspec} [N/cm]	R.p.m.	F _{tspec} [N/cm]	R.p.m.	F _{tspec} [N/cm]
n [min ⁻¹]		n [min ⁻¹]		n [min ⁻¹]		n [min ⁻¹]	
0	91,35	800	54,81	2000	40,77	5000	26,01
20	88,29	900	53,10	2200	39,24	5500	24,48
40	85,77	1000	51,48	2400	37,89	6000	23,04
60	83,52	1100	50,04	2600	36,63	6500	21,78
80	81,63	1200	48,78	2800	35,46		
100	79,83	1300	47,52	3000	34,29		
200	73,08	1400	46,35	3200	33,30		
300	68,31	1500	45,27	3400	32,31		
400	64,62	1600	44,28	3600	31,41		
500	61,56	1700	43,38	3800	30,51		
600	59,04	1800	42,48	4000	29,70		
700	56,79	1900	41,58	4500	27,72		

BRECO® T7/8" (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight			
Belt width	b [mm]	50,8	76,2	101,6	
M	E / Steel tension member	F _{Tadm} [N]	7000	10500	14000
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	1,75·10 ⁶	2,63·10 ⁶	3,5·10 ⁶
	Stainless steel tension member	F _{Tadm} [N]	-	-	-
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	-	-	-
V	E / Steel tension member	F _{Tadm} [N]	3500	5250	7000
	Stainless steel tension member	F _{Tadm} [N]	-	-	-
Belt weight	Standard	[kg/m]	0,530	0,795	1,059
	DL	[kg/m]	-	-	-
	DR	[kg/m]	-	-	-
	T	[kg/m]	-	-	-

BRECO® T7/8" (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}	18	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	150	-	-	-	-	-	-	-	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	20 (25)	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	180	-	-	-	-	-	-	-	-	-	-

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