



T10 PRO (M/V)		Specific tooth force			
R.p.m. n [min ⁻¹]	F _{spec} [N/cm]	R.p.m. n [min ⁻¹]	F _{spec} [N/cm]	R.p.m. n [min ⁻¹]	F _{spec} [N/cm]
0	50,50	1200	29,30	3600	20,70
20	49,00	1300	28,70	3800	20,30
40	47,70	1400	28,20	4000	19,86
60	46,60	1500	27,60	4500	18,91
80	45,70	1600	27,10	5000	18,06
100	44,80	1700	26,70	5500	17,28
200	41,40	1800	26,20	6000	16,58
300	39,10	1900	25,80	6500	15,93
400	37,20	2000	25,40	7000	15,33
500	35,70	2200	24,60	7500	14,76
600	34,40	2400	23,90	8000	14,24
700	33,30	2600	23,30	8500	13,74
800	32,40	2800	22,70	9000	13,28
900	31,50	3000	22,20	9500	12,84
1000	30,70	3200	21,70	10000	12,42
1100	30,00	3400	21,20		

Belt widths b [mm]					
16	25	32	50	75	100

T10 PRO (M/V)	Available lengths and versions
Standard delivery lengths (M)	50 or 100-metre roll
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	880 mm
Standard material	TPUAU1, FDA-compliant
Belt colour	blue
Belt widths	only belt widths listed in the table available

BRECOprotect® 50 T10 PRO 4500 V	
Width b	
Type/pitch	
Length in mm	
Welded	

T10 PRO (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight						
Belt widths	b [mm]	16	25	32	50	75	100	
M	Steel tension member	F _{Tadm} [N]	1400	2200	2800	4400	6600	8800
	Specific elasticity	C _{spec} [N]	3,5·10 ⁵	5,5·10 ⁵	7,0·10 ⁵	11,0·10 ⁵	16,5·10 ⁵	22,0·10 ⁵
V	Steel tension member	F _{Tadm} [N]	700	1100	1400	2200	3300	4400
Belt weight	Standard	[kg/m]	0,073	0,114	0,145	0,227	0,341	0,454

Calculation as per specifications for BRECO® M and BRECO® V timing belts.

T10 PRO (M/V)		Flexibility (minimum tooth count/minimum diameter)		
		Steel tension member		
		M	V	
	Without contraflexure	z _{min}	15	15
		d _{min} [mm]	60	60
	With contraflexure	z _{min}	20	20
		d _{min} [mm]	60	60

