



Belt widths b [mm]				
25	32	50	75	100

BAT10 (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)	880 mm
Standard material	TPUST1 ¹⁾
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	-

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

BRECO® BAT10 (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	92,75	800	65,88	2000	50,89	5000	34,00
20	91,39	900	64,10	2200	49,20	5500	32,18
40	90,11	1000	62,47	2400	47,64	6000	30,51
60	88,91	1100	60,96	2600	46,19	6500	28,97
80	87,78	1200	59,56	2800	44,84	7000	27,54
100	86,71	1300	58,25	3000	43,58	7500	26,20
200	82,07	1400	57,02	3200	42,39	8000	24,95
300	78,30	1500	55,86	3400	41,26	8500	23,77
400	75,13	1600	54,76	3600	40,20	9000	22,66
500	72,39	1700	53,72	3800	39,19	9500	21,60
600	69,98	1800	52,73	4000	38,23	10000	20,60
700	67,82	1900	51,79	4500	36,01		

BRECO® BAT10 (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight					
Belt width		b [mm]	25	32	50	75	100
M	E / Steel tension member	F _{Tadm} [N]	3750	5000	7500	12000	17000
	Specific elasticity (E / Steel tension member)	C _{tspec} [N]	1,06·10 ⁶	1,37·10 ⁶	2,12·10 ⁶	3,18·10 ⁶	4,25·10 ⁶
	Stainless steel tension member	F _{Tadm} [N]	3000	4000	6000	9000	12000
	Specific elasticity (stainless steel tension member)	C _{tspec} [N]	1,06·10 ⁶	1,37·10 ⁶	2,12·10 ⁶	3,18·10 ⁶	4,25·10 ⁶
V	E / Steel tension member	F _{Tadm} [N]	1875	2500	3750	6000	8500
	Stainless steel tension member	F _{Tadm} [N]	1500	2000	3000	4500	6000
Belt weight	Standard	[kg/m]	0,158	0,180	0,290	0,436	0,581
	DL	[kg/m]	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-

BRECO® BAT10 (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 contraflexure	z _{min}	20 (25)	-	-	-	-	-	-	25	-	-	-
		d _{min} [mm]	60 (80)	-	-	-	-	-	-	80	-	-	-
z _{min} d _{min}	With contraflexure	z _{min}	25	-	-	-	-	-	-	40	-	-	-
		d _{min} [mm]	120	-	-	-	-	-	-	130	-	-	-

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