



Belt widths b [mm] (in-between belt widths on request)			
8	10	20	25

AT3 (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	TPUST11)
Steel tension member	-
E tension member (Standard)	x
Stainless steel tension member	o
PAZ	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® AT3 (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	38,50	800	29,92	2000	24,76	5000	18,83
20	38,10	900	29,32	2200	24,17	5500	18,18
40	37,72	1000	28,76	2400	23,63	6000	17,59
60	37,36	1100	28,25	2600	23,12	6500	17,05
80	37,02	1200	27,77	2800	22,65	7000	16,54
100	36,69	1300	27,31	3000	22,21	7500	16,06
200	35,24	1400	26,89	3200	21,79	8000	15,62
300	34,03	1500	26,49	3400	21,39	8500	15,20
400	33,00	1600	26,11	3600	21,02	9000	14,80
500	32,10	1700	25,75	3800	20,66	9500	14,43
600	31,30	1800	25,41	4000	20,32	10000	14,07
700	30,58	1900	25,08	4500	19,54		

BRECO® AT3 (M/V)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight				
Belt width	b [mm]	8	10	20	25	
M	E / Steel tension member	F _{Tadm} [N]	320	400	800	1000
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	8,0·10 ⁴	10,0·10 ⁴	20,0·10 ⁴	25,0·10 ⁴
	Stainless steel tension member (E)	F _{Tadm} [N]	240	300	600	750
	Specific elasticity (stainless steel tension member (E))	C _{spec} [N]	8,0·10 ⁴	10,0·10 ⁴	20,0·10 ⁴	25,0·10 ⁴
V	E / Steel tension member	F _{Tadm} [N]	160	200	400	500
	Stainless steel tension member (E)	F _{Tadm} [N]	120	150	300	375
Belt weight	Standard	[kg/m]	0,018	0,022	0,044	0,054
	DL	[kg/m]	-	-	-	-
	DR	[kg/m]	-	-	-	-
	T	[kg/m]	-	-	-	-

BRECO® AT3 (M/V)		Flexibility (minimum number of teeth / minimum diameter)												
		Steel tension member				E tension member				Stainless steel tension member (E)				
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T	
z _{min} d _{min}	Without contra-flexure	z _{min}	-	-	-	-	15	-	-	-	20	-	-	-
		d _{min} [mm]	-	-	-	-	30 (20)	-	-	-	30	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	-	-	-	-	25 (20)	-	-	-	30	-	-	-
		d _{min} [mm]	-	-	-	-	30 (20)	-	-	-	40	-	-	-

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