



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

16	25	32	50
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ATL5 (M)	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)	-
Standard material	TPUST1 ¹⁾
Steel tension member	-
E tension member (Standard)	x
Stainless steel tension member	-
PAZ	x
PAR	-
PAZ-PAR	-
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® ATL5 (M)		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	42,00	800	31,96	2000	26,05	5000	19,28
20	41,52	900	31,27	2200	25,38	5500	18,55
40	41,07	1000	30,63	2400	24,75	6000	17,88
60	40,64	1100	30,04	2600	24,18	6500	17,26
80	40,23	1200	29,49	2800	23,64	7000	16,68
100	39,85	1300	28,97	3000	23,13	7500	16,14
200	38,14	1400	28,48	3200	22,65	8000	15,63
300	36,73	1500	28,02	3400	22,20	8500	15,15
400	35,53	1600	27,59	3600	21,78	9000	14,70
500	34,48	1700	27,18	3800	21,37	9500	14,28
600	33,55	1800	26,78	4000	20,98	10000	13,87
700	32,72	1900	26,41	4500	20,09		

BRECO® ATL5 (M)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight				
Belt width		b [mm]	16	25	32	50
M	E / Steel tension member	F _{Tadm} [N]	1300	2000	2800	4200
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	0,33·10 ⁶	0,50·10 ⁶	0,65·10 ⁶	1,05·10 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]	-	-	-	-
	Stainless steel tension member	F _{Tadm} [N]	-	-	-	-
Belt weight	Standard	[kg/m]	0,059	0,090	0,119	0,187
	DL	[kg/m]	-	-	-	-
	DR	[kg/m]	-	-	-	-
	T	[kg/m]	-	-	-	-

BRECO® ATL5 (M)		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}	-	-	-	-	25	-	-	-	-	-	-	-
		d _{min} [mm]	-	-	-	-	40	-	-	-	-	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	-	-	-	-	25	-	-	-	-	-	-	-
		d _{min} [mm]	-	-	-	-	60	-	-	-	-	-	-	-