

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

16	25	32	50
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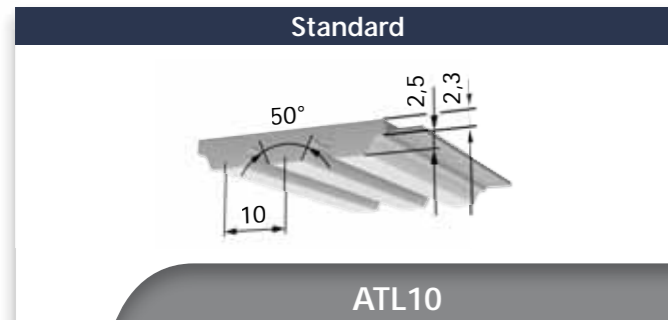
ATL5 (M)	Available lengths and versions
Standard delivery lengths (M)	rolls of 50 or 100 m
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	-
Standard material	TPUST1 ¹⁾
Steel tension member	-
E tension member (Standard)	x
Stainless steel tension member	-
PAZ	x
PAR	-
PAZ-PAR	-
DL / 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	35,30	800	26,80	2000	21,90	5000	16,18
20	34,90	900	26,30	2200	21,30	5500	15,56
40	34,50	1000	25,80	2400	20,80	6000	15,00
60	34,10	1100	25,20	2600	20,30	6500	14,49
80	33,80	1200	24,80	2800	19,84	7000	13,99
100	33,50	1300	24,30	3000	19,42	7500	13,54
200	32,00	1400	23,90	3200	19,01	8000	13,11
300	30,90	1500	23,50	3400	18,64	8500	12,71
400	29,80	1600	23,20	3600	18,28	9000	12,33
500	29,00	1700	22,80	3800	17,93	9500	11,97
600	28,30	1800	22,50	4000	17,61	10000	11,63
700	27,50	1900	22,20	4500	16,87		

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	-	-	-	-	-	-	-



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

32	50	75	100	150
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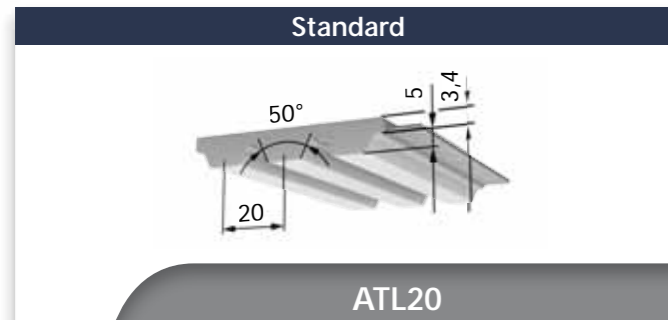
ATL10 (M)	Available lengths and versions
Standard delivery lengths (M)	rolls of 50 or 100 m
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	-
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	-
Stainless steel tension member	o
PAZ	x
PAR	-
PAZ-PAR	-
DL / DL-PAZ	-
DR / DR-PAZ	-
T / T-PAZ	-

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

BRECO® ATL10 (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	73,50	800	52,20	2000	40,30	5000	26,90
20	72,40	900	50,80	2200	39,00	5500	25,50
40	71,40	1000	49,50	2400	37,80	6000	24,20
60	70,50	1100	48,30	2600	36,60	6500	23,00
80	69,60	1200	47,20	2800	35,50	7000	21,80
100	68,70	1300	46,20	3000	34,50	7500	20,80
200	65,00	1400	45,20	3200	33,60	8000	19,77
300	62,10	1500	44,30	3400	32,70	8500	18,84
400	59,50	1600	43,40	3600	31,90	9000	17,95
500	57,40	1700	42,60	3800	31,10	9500	17,12
600	55,50	1800	41,80	4000	30,30	10000	16,32
700	53,70	1900	41,00	4500	28,50		

BRECO® ATL10 (M)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight					
Belt width		b [mm]	32	50	75	100	150
M	E / Steel tension member	F _{Tadm} [N]	7200	11200	16800	22400	36000
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	1,8·10 ⁶	2,8·10 ⁶	4,2·10 ⁶	5,6·10 ⁶	9,0·10 ⁶
	Stainless steel tension member	F _{Tadm} [N]	5760	8960	13440	17920	28800
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	1,8·10 ⁶	2,8·10 ⁶	4,2·10 ⁶	5,6·10 ⁶	9,0·10 ⁶
V	E / Steel tension member	F _{Tadm} [N]	-	-	-	-	-
	Stainless steel tension member	F _{Tadm} [N]	-	-	-	-	-
Belt weight	Standard	[kg/m]	0,220	0,340	0,510	0,680	1,020
	DL	[kg/m]	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-

BRECO® ATL10 (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	-	-	-	-	-	-	-	-	-	40	-	-	-
		d _{min} [mm]	80	-	-	-	-	-	-	-	-	-	-	-	120	-	-
z _{min} d _{min}		With contra-flexure	z _{min}	25	-	-	-	-	-	-	-	-	-	50	-	-	-
		d _{min} [mm]	150	-	-	-	-	-	-	-	-	-	-	-	180	-	-



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

32	50	75	100
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ATL20 (M)	Available lengths and versions
Standard delivery lengths (M)	rolls of 50 m
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	-
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	-
Stainless steel tension member	o
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® ATL20 (M)		Specific tooth force		BRECO® ATL20 (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	147,00	800	94,80	2000	66,70	5000	35,30
20	144,20	900	91,50	2200	63,60	5500	32,00
40	141,70	1000	88,40	2400	60,70	6000	28,90
60	139,30	1100	85,60	2600	58,00	6500	26,00
80	137,00	1200	82,90	2800	55,50		
100	134,90	1300	80,50	3000	53,10		
200	125,80	1400	78,20	3200	50,90		
300	118,50	1500	76,00	3400	48,80		
400	112,40	1600	73,90	3600	46,80		
500	107,20	1700	72,00	3800	45,00		
600	102,60	1800	70,10	4000	43,20		
700	98,50	1900	68,40	4500	39,00		

BRECO® ATL20 (M)		Admissible tension cord strength F _{Tadm} / Specific elasticity / Belt weight				
Belt width		b [mm]	32	50	75	100
M	E / Steel tension member	F _{Tadm} [N]	9800	15400	23800	31500
	Specific elasticity (E / Steel tension member)	C _{spec} [N]	2,45·10 ⁶	3,85·10 ⁶	5,95·10 ⁶	7,88·10 ⁶
	Stainless steel tension member	F _{Tadm} [N]	7840	12320	19040	25200
	Specific elasticity (stainless steel tension member)	C _{spec} [N]	2,45·10 ⁶	3,85·10 ⁶	5,95·10 ⁶	7,88·10 ⁶
V	E / Steel tension member	F _{Tadm} [N]	-	-	-	-
	Stainless steel tension member	F _{Tadm} [N]	-	-	-	-
Belt weight	Standard	[kg/m]	0,350	0,550	0,840	1,110
	DL	[kg/m]	-	-	-	-
	DR	[kg/m]	-	-	-	-
	T	[kg/m]	-	-	-	-

BRECO® ATL20 (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	-	-	-	-	-	-	-	25	-	-	-
		d _{min} [mm]	160	-	-	-	-	-	-	-	180	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	25	-	-	-	-	-	-	-	30	-	-	-
		d _{min} [mm]	250	-	-	-	-	-	-	-	300	-	-	-