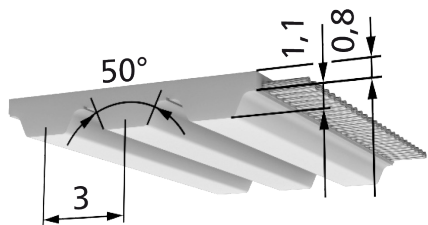


## Standard



AT3

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

8	10	20	25
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Available length and versions	AT3	Comment
Standard lengths	rolls of 50 or 100 m	-
Cut to lengths / lengths > 100 m	on request	-
In-between belt widths / other widths	on request	-
minimum length endless joined (b ≤ 100 mm)	880 mm	-
minimum length endless joined (b > 100 mm)	not available	-
Standard material	TPUST1	further materials on request
Steel tension member	not available	-
E tension member	Standard	-
Stainless steel tension member	available	Minimum purchase amount on request
PAZ	available	-
PAR	not available	-
PAZ-PAR	not available	-
DL / DL-PAZ	not available	-
DR / DR-PAZ	not available	-
T / T-PAZ	not available	-

## Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min-1]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>tspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>tspez</sub> [N/cm]
0	38.5	800	29.919	2,000	24.764	5,000	18.829
20	38.099	900	29.317	2,200	24.174	5,500	18.185
40	37.719	1,000	28.762	2,400	23.63	6,000	17.593
60	37.359	1,100	28.247	2,600	23.123	6,500	17.046
80	37.015	1,200	27.766	2,800	22.65	7,000	16.538
100	36.687	1,300	27.315	3,000	22.206	7,500	16.063
200	35.24	1,400	26.89	3,200	21.788	8,000	15.618
300	34.034	1,500	26.489	3,400	21.392	8,500	15.198
400	33.002	1,600	26.109	3,600	21.017	9,000	14.802
500	32.099	1,700	25.749	3,800	20.661	9,500	14.426
600	31.297	1,800	25.405	4,000	20.322	10,000	14.069
700	30.575	1,900	25.077	4,500	19.537		

AT3		Admissible tensile force of the belt $F_{adm}$ / belt weight				
belt width		b [mm]	8	10	20	25
M	E / Steel tension member	$F_{Tadm}$ [N]	320	400	800	1,000
	Specific elasticity (E- / Steel tension member)	$C_{spez}$ [N]	$8.0 \cdot 10^4$	$10.0 \cdot 10^4$	$20.0 \cdot 10^4$	$25.0 \cdot 10^4$
	Stainless steel tension member	$F_{Tadm}$ [N] $F_{Tzul}$ [N]	240	300	600	750
	Specific elasticity (stainless steel tens. m.)	$C_{spez}$ [N]	$8.0 \cdot 10^4$	$10.0 \cdot 10^4$	$20.0 \cdot 10^4$	$25.0 \cdot 10^4$
V	E / Steel tension member	$F_{Tadm}$ [N]	160	200	400	500
	Stainless steel tension member	$T_{adm}$ [N]	120	150	300	375
Belt weight (Standard)		[kg/m]	0.018	0.022	0.044	0.054
Belt weight (DL)		[kg/m]	-	-	-	-
Belt weight (DR)		[kg/m]	-	-	-	-
Belt weight (T)		[kg/m]	-	-	-	-

AT3		Flexibility (Minimum number of teeth / minimum diameter)											
		Steel tension member				E / Steel tension member				Stainless steel tension member			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Minimum number of teeth without contraflexure ( $z_{min}$ )	-	-	-	-	15	-	-	-	20	-	-	-
	Minimum diameter of tensioning roller without contraflexure ( $d_{min}$ [mm])	-	-	-	-	30	-	-	-	30	-	-	-
	Minimum number of teeth with contraflexure ( $z_{min}$ )	-	-	-	-	25	-	-	-	30	-	-	-
	Minimum diameter of tensioning roller with contraflexure ( $d_{min}$ [mm])	-	-	-	-	30	-	-	-	40	-	-	-