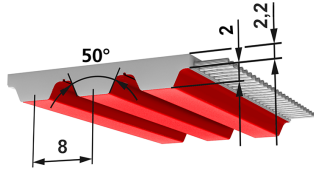


## Standard



AT8 MOV

Available length and versions	AT8 MOV	Comment
Standard lengths	-	keine Standardlängen verfügbar
Sleeve width	b=100 mm	-
Any number of teeth available from	1408 mm bis 13000 mm	Mindestabnahmemenge: 1 Wickel
Standard material	TPUST1	Colour: white
move tension member	Steel	-
E tension member	not available	-
Stainless steel cord	not available	-
Laminate coating on the tooth side	Standard	Colour: red
Belt colour	white / red	-

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

16	25	32	50	75	100
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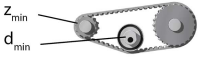
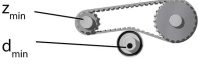
### Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
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### Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]
0	90.56	14.416	0	2,000	49.68	7.912	16.558
20	89.2	14.208	0.297	2,200	48.08	7.64	17.618
40	88	14.008	0.586	2,400	46.56	7.408	18.603
60	86.88	13.808	0.869	2,600	45.12	7.184	19.539
80	85.76	13.64	1.143	2,800	43.76	6.976	20.426
100	84.64	13.48	1.41	3,000	42.48	6.776	21.277
200	80.08	12.752	2.674	3,200	41.36	6.592	22.078
300	76.48	12.176	3.819	3,400	40.32	6.408	22.829
400	73.28	11.68	4.891	3,600	39.28	6.248	23.543
500	70.72	11.248	5.889	3,800	38.32	6.088	24.234
600	68.4	10.88	6.838	4,000	37.36	5.936	24.886
700	66.16	10.536	7.725	4,500	35.12	5.592	26.365
800	64.32	10.24	8.574	5,000	33.12	5.288	27.72
900	62.56	9.952	9.388	5,500	31.44	5	28.829
1,000	60.96	9.712	10.164	6,000	29.84	4.744	29.814
1,100	59.52	9.472	10.915	6,500	28.32	4.496	30.677
1,200	58.16	9.256	11.63	7,000	26.88	4.272	31.416
1,300	56.88	9.056	12.32	7,500	25.6	4.064	32.032
1,400	55.68	8.856	12.986	8,000	24.32	3.88	32.525
1,500	54.56	8.672	13.638	8,500	23.2	3.696	32.894
1,600	53.44	8.512	14.254	9,000	22.08	3.52	33.141
1,700	52.48	8.352	14.858	9,500	21.12	3.352	33.387
1,800	51.52	8.192	15.45	10,000	20.08	3.2	33.51
1,900	50.48	8.048	16.016				

AT8 MOV		Admissible tensile force of the belt $F_{adm}$ / belt weight					
belt width	b [mm]	<b>16</b>	<b>25</b>	<b>32</b>	<b>50</b>	<b>75</b>	<b>100</b>
<i>move</i> tension member	$F_{Tadm}$ [N]	4,312	6,750	8,625	13,470	20,200	26,940
weight	[kg/m]	0.106	0.167	0.212	0.339	0.508	0.678

AT8 MOV		Flexibility (Minimum number of teeth / minimum diameter)	
		<i>move</i> tension member (Standard)	
	Minimum number of teeth without contraflexure ( $z_{min}$ )	25	
	Minimum diameter of tensioning roller without contraflexure ( $d_{min}$ [mm])	60	
	Minimum number of teeth with contraflexure ( $z_{min}$ )	32	
	Minimum diameter of tensioning roller with contraflexure ( $d_{min}$ [mm])	120	