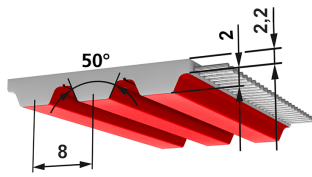


Standard



AT8 MOV

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

16	25	32	50	75	100
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Available length and versions	AT8 MOV	Comment
Standard lengths	-	no standard lengths available
Sleeve width	b=100 mm	-
Any number of teeth available from	1408 mm to 13000 mm	Minimum purchase 1 sleeve
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	-

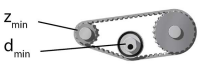
Standard lengths [mm] / number of teeth

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 _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]	R.p.m. n [min-1]	F _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]
0	90.56	11.533	0	2,000	49.68	6.33	13.247
20	89.2	11.366	0.237	2,200	48.08	6.112	14.094
40	88	11.206	0.469	2,400	46.56	5.926	14.883
60	86.88	11.046	0.695	2,600	45.12	5.747	15.631
80	85.76	10.912	0.915	2,800	43.76	5.581	16.341
100	84.64	10.784	1.128	3,000	42.48	5.421	17.021
200	80.08	10.202	2.139	3,200	41.36	5.274	17.662
300	76.48	9.741	3.055	3,400	40.32	5.126	18.263
400	73.28	9.344	3.913	3,600	39.28	4.998	18.835
500	70.72	8.998	4.711	3,800	38.32	4.807	19.387
600	68.4	8.704	5.47	4,000	37.36	4.749	19.909
700	66.16	8.429	6.18	4,500	35.12	4.474	21.092
800	64.32	8.192	6.86	5,000	33.12	4.23	22.176
900	62.56	7.962	7.51	5,500	31.44	4	23.063
1,000	60.96	7.77	8.131	6,000	29.84	3.795	23.852
1,100	59.52	7.578	8.732	6,500	28.32	3.597	24.541
1,200	58.16	7.405	9.304	7,000	26.88	3.418	25.133
1,300	56.88	7.245	9.856	7,500	25.6	3.251	25.626
1,400	55.68	7.085	10.388	8,000	24.32	3.104	26.02
1,500	54.56	6.938	10.911	8,500	23.2	2.957	26.316
1,600	53.44	6.81	11.404	9,000	22.08	2.816	26.513
1,700	52.48	6.682	11.886	9,500	21.12	2.682	26.71
1,800	51.52	6.554	12.36	10,000	20.08	2.56	26.808
1,900	50.48	6.438	12.813				

AT8 MOV		Admissible tensile force of the belt F_{adm} / belt weight					
belt width	b [mm]	16	25	32	50	75	100
move 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)	
		move tension member (Standard)	
	Minimum number of teeth without contraflexure (z_{min})	22	
	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	