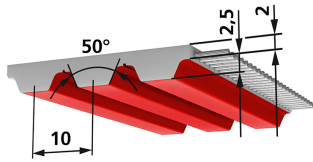


Standard



AT10 MOV

Available length and versions	AT10 MOV	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	-
Any number of teeth available from	1400 mm to 30500 mm	in case of intermediate lengths minimum purchase amount on request
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 widths b [mm] (In-between belt widths on request)

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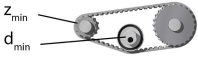
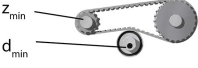
Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
720	72	2,000	200	4,250	425
780	78	2,120	212	4,500	450
840	84	2,240	224	4,750	475
980	98	2,360	236	5,000	500
1,080	108	2,500	250	5,300	530
1,150	115	2,650	265	5,600	560
1,240	124	2,800	280	6,000	600
1,400	140	3,000	300	6,300	630
1,500	150	3,150	315	6,700	670
1,600	160	3,350	335	7,100	710
1,700	170	3,550	355	7,500	750
1,800	180	3,750	375	8,000	800
1,900	190	4,000	400	9,000	900

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	113.2	18.02	0	2,000	62.1	9.89	20.698
20	111.5	17.76	0.371	2,200	60.1	9.55	22.022
40	110	17.51	0.733	2,400	58.2	9.26	23.254
60	108.6	17.26	1.086	2,600	56.4	8.98	24.424
80	107.2	17.05	1.429	2,800	54.7	8.72	25.533
100	105.8	16.85	1.763	3,000	53.1	8.47	26.596
200	100.1	15.94	3.342	3,200	51.7	8.24	27.597
300	95.6	15.22	4.774	3,400	50.4	8.01	28.536
400	91.6	14.6	6.114	3,600	49.1	7.81	29.429
500	88.4	14.06	7.361	3,800	47.9	7.61	30.292
600	85.5	13.6	8.547	4,000	46.7	7.42	31.108
700	82.7	13.17	9.656	4,500	43.9	6.99	32.956
800	80.4	12.8	10.718	5,000	41.4	6.61	34.65
900	78.2	12.44	11.735	5,500	39.3	6.25	36.036
1,000	76.2	12.14	12.705	6,000	37.3	5.93	37.268
1,100	74.4	11.84	13.644	6,500	35.4	5.62	38.346
1,200	72.7	11.57	14.538	7,000	33.6	5.34	39.27
1,300	71.1	11.32	15.4	7,500	32	5.08	40.04
1,400	69.6	11.07	16.232	8,000	30.4	4.85	40.656
1,500	68.2	10.84	17.048	8,500	29	4.62	41.118
1,600	66.8	10.64	17.818	9,000	27.6	4.4	41.426
1,700	65.6	10.44	18.572	9,500	26.4	4.19	41.734
1,800	64.4	10.24	19.312	10,000	25.1	4	41.888
1,900	63.1	10.06	20.02				

AT10 MOV		Admissible tensile force of the belt F_{adm} / belt weight				
belt width	b [mm]	25	32	50	75	100
move tension member	F_{Tadm} [N]	6,750	8,625	13,470	20,200	26,940
weight	[kg/m]	0.173	0.222	0.347	0.52	0.693

AT10 MOV		Flexibility (Minimum number of teeth / minimum diameter)
		move tension member (Standard)
	Minimum number of teeth without contraflexure (z_{min})	-
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	60
	Minimum number of teeth with contraflexure (z_{min})	25
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	120