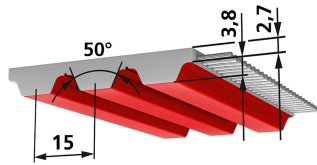


Standard



AT15 MOV

Available length and versions	AT15 MOV	Comment
Standard lengths	-	-
Sleeve width	b=100 mm	-
Any number of teeth available from	1410 mm to 30495 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	-

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

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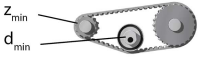
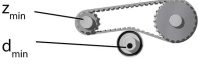
Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
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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	168	40.127	0	1,600	92.927	22.196	37.187
20	165.244	39.469	0.827	1,700	90.899	21.712	38.649
40	162.67	38.854	1.627	1,800	88.972	21.251	40.055
60	160.255	38.278	2.405	1,900	87.135	20.813	41.407
80	157.982	37.734	3.161	2,000	85.382	20.394	42.709
100	155.833	37.221	3.898	2,200	82.094	19.608	45.171
200	146.574	35.01	7.332	2,400	79.063	18.884	47.458
300	139.098	33.224	10.437	2,600	76.25	18.213	49.584
400	132.827	31.726	13.288	2,800	73.626	17.586	51.561
500	127.427	30.436	15.935	3,000	71.168	16.999	53.399
600	122.685	29.304	18.411	3,200	68.856	16.447	55.109
700	118.457	28.294	20.739	3,400	66.674	15.925	56.697
800	114.643	27.383	22.939	3,600	64.607	15.432	58.171
900	111.17	26.553	25.024	3,800	62.644	14.963	59.538
1,000	107.981	25.792	27.007	4,000	60.775	14.516	60.802
1,100	105.033	25.087	28.897	4,500	56.462	13.486	63.547
1,200	102.292	24.433	30.701	5,000	52.578	12.558	65.751
1,300	99.732	23.821	32.427	5,500	49.047	11.715	67.468
1,400	97.329	23.247	34.08	6,000	45.809	10.942	68.743
1,500	95.066	22.707	35.665	6,500	42.819	10.227	69.611

AT15 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]	8,450	11,050	17,550	26,000	35,100
weight	[kg/m]	0.237	0.303	0.473	0.71	0.946

AT15 MOV		Flexibility (Minimum number of teeth / minimum diameter)
		move tension member (Standard)
	Minimum number of teeth without contraflexure (z_{min})	20
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	95
	Minimum number of teeth with contraflexure (z_{min})	25
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	120