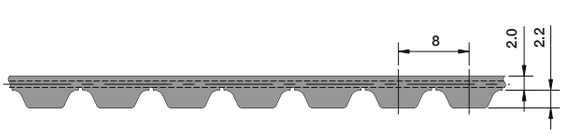
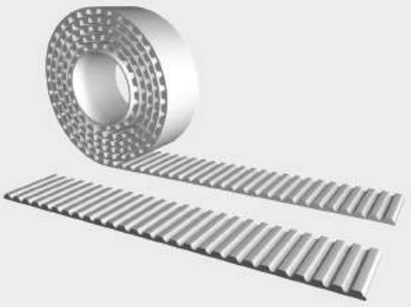
AT8





Open-Ended "M"



Specifications

Widths (mm)	25	50	75	100
Note:	Standard widths are shown. For in-between widths, please contact customer service.			
Lengths	Lengths greater than 100mm available upon request			
Material	TPUST1			
Belt Color	Red/White Laminate			
Tension Members	***move*** high strength steel			

AT8*move* Belt "M" Specifications

Construction	Tension member	Parameter	Belt Width (mm) 25	50	75	100
Open Ended "M"	AT8*move* steel	Max. Allowable Tensile Strength	7,395	14,790	22,185	29,580
		Specific Stiffness C_{spez} [N]	1.85 E6	3.7 E6	5.55 E6	7.4 E6
		Belt Mass [kg/m]	0.167	0.339	0.508	0.678

move-series® Flexibility
(minimum tooth count/minimum diameter)



Tension Member Construction	AT8*move* Tension Member M
Z_{min} (# of teeth)	22
d_{min} (mm)(Ø)	60



Tension Member Construction	AT8*move* Tension Member M
Z_{min} (# of teeth)	32
d_{min} (mm)(Ø)	120

AT8*move* "M" Specific Tooth Shear Strength

RPM n [min]	FORCE F_{SPEC} [N/cm]	RPM n [min]	FORCE F_{SPEC} [N/cm]	RPM n [min]	FORCE F_{SPEC} [N/cm]	RPM n [min]	FORCE F_{SPEC} [N/cm]
0	90.56	800	64.32	2000	49.68	5000	33.12
20	89.2	900	62.56	2200	48.08	5500	31.44
40	88.0	1000	60.96	2400	46.56	6000	29.84
60	86.88	1100	59.52	2600	45.12	6500	28.32
80	85.76	1200	58.16	2800	43.76	7000	26.88
100	84.64	1300	56.88	3000	42.48	7500	25.6
200	80.08	1400	55.68	3200	41.36	8000	24.32
300	76.48	1500	54.56	3400	40.32	8500	23.2
400	73.28	1600	53.44	3600	39.28	9000	22.08
500	70.72	1700	52.48	3800	38.32	9500	21.12
600	68.4	1800	51.52	4000	37.36	10000	20.08
700	66.16	1900	50.48	4500	35.12		

Ordering Example: ***move***-series®

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]

32 AT8 MOV / 400 M