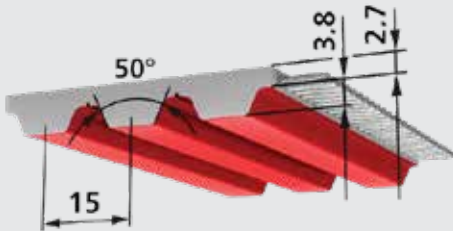


AT15 Pitch Open-Ended "M"

Open-Ended "M"



Specifications

Widths (mm)	25	32	50	75	100
Lengths	Any lengths available - Stock Rolls 50 Meters				
Standard Material	TPUST1				
move Tension Member	Steel				
Belt Color	White / Red				

AT15move Belt "M" Specifications

Construction	Tension-member	Dimension	Belt Width (mm)			
			50	75	100	150
Open-Ended "M"	AT15move Tension Member	$F_{zu}[N]$	18,200	27,300	36,400	54,600
	Specific Stiffness	$C_{spec}[N]$	$4.55 \cdot 10^6$	$6.82 \cdot 10^6$	$9.10 \cdot 10^6$	$13.65 \cdot 10^6$
	Belt Mass	[kg/m/cm]	0.070 kg per meter of belt length per cm of belt width			

move-series® Flexibility

(minimum tooth count/minimum diameter)

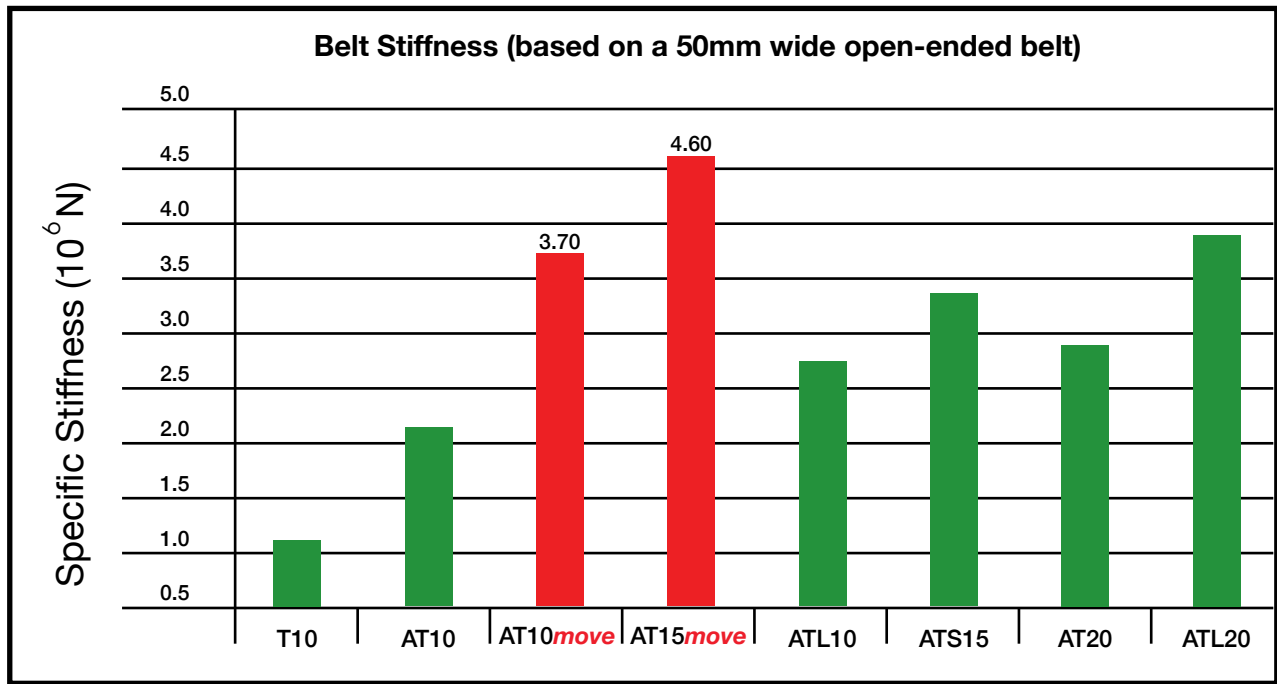
Drive w/o back bending	Tension Member Construction	AT15move Tension Member
	Z_{min}	M/BFX
	$d_{min}(mm)$	20
		100
Drive with back bending	Tension Member Construction	AT15move Tension Member
	Z_{min}	M/BFX
	$d_{min}(mm)$	25
		120



AT15 Pitch Open-Ended “M”

AT15*move* - M Tooth Shear Strength (specific belt tooth load bearing)

AT15 <i>move</i> RPM 0-1900				AT15 <i>move</i> RPM 2000-6500			
R.P.M. n [min ⁻¹]	F _{USPEC} [N/cm]	R.P.M. n [min ⁻¹]	F _{USPEC} [N/cm]	R.P.M. n [min ⁻¹]	F _{USPEC} [N/cm]	R.P.M. n [min ⁻¹]	F _{USPEC} [N/cm]
0	168.0	800	114.6	2000	85.3	5000	52.5
20	165.2	900	111.1	2200	82.0	5500	49.0
40	162.7	1000	107.9	2400	79.0	6000	45.8
60	160.3	1100	105.0	2600	76.2	6500	42.8
80	157.9	1200	102.2	2800	73.6		
100	155.8	1300	99.7	3000	71.1		
200	146.5	1400	97.3	3200	68.8		
300	139.0	1500	95.0	3400	66.6		
400	132.8	1600	92.9	3600	64.6		
500	127.4	1700	90.8	3800	62.6		
600	122.6	1800	88.9	4000	60.7		
700	118.4	1900	87.1	4500	56.4		



Ordering Example: *move-series*® Timing Belt

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

50 AT15 MOV / 3750 M