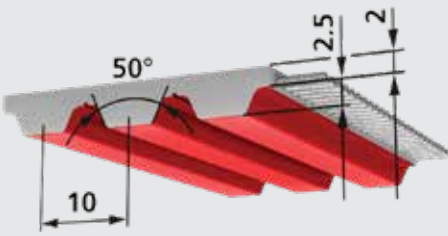


# AT10 Pitch Truly Endless “BFX”

AT10**move** is a next generation timing belt with enhanced performance properties. It is available as open-ended code M for linear drive application and truly endless BFX for power transmission applications.

Choose AT10**move** as a stiffer, more compact and longer lasting alternative to standard AT10, ATS15 and AT20 belts. Customers that switch from standard AT10 to **move-series®** see a significant increase in wear resistance, tensile strength, transmittable force and service life.

## Truly Endless “BFX”

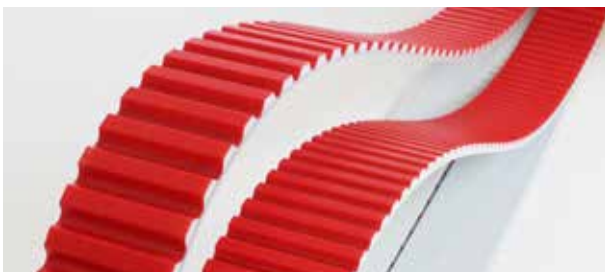


## Specifications

Widths (mm)	25	32	50	75	100
Lengths	Standard lengths listed below. Additional lengths available up to 30,500mm. In between lengths available starting at a minimum of 1,400mm.				
Standard Material	TPUST1				
<b>move</b> Tension Member	Steel				
Belt Color	White / Red				

## Standard Lengths

AT10 <b>move</b> Pitch/Length Version	Number of Teeth	AT10 <b>move</b> Pitch/Length Version	Number of Teeth	AT10 <b>move</b> Pitch/Length Version	Number of Teeth
AT10 MOV / 720 BFX	72	AT10 MOV / 2000 BFX	200	AT10 MOV / 4250 BFX	425
AT10 MOV / 780 BFX	78	AT10 MOV / 2120 BFX	212	AT10 MOV / 4500 BFX	450
AT10 MOV / 840 BFX	84	AT10 MOV / 2240 BFX	224	AT10 MOV / 4750 BFX	475
AT10 MOV / 980 BFX	98	AT10 MOV / 2360 BFX	236	AT10 MOV / 5000 BFX	500
AT10 MOV / 1080 BFX	108	AT10 MOV / 2500 BFX	250	AT10 MOV / 5300 BFX	530
AT10 MOV / 1150 BFX	115	AT10 MOV / 2650 BFX	265	AT10 MOV / 5600 BFX	560
AT10 MOV / 1240 BFX	124	AT10 MOV / 2800 BFX	280	AT10 MOV / 6000 BFX	600
AT10 MOV / 1400 BFX	140	AT10 MOV / 3000 BFX	300	AT10 MOV / 6300 BFX	630
AT10 MOV / 1500 BFX	150	AT10 MOV / 3150 BFX	315	AT10 MOV / 6700 BFX	670
AT10 MOV / 1600 BFX	160	AT10 MOV / 3350 BFX	335	AT10 MOV / 7100 BFX	710
AT10 MOV / 1700 BFX	170	AT10 MOV / 3550 BFX	355	AT10 MOV / 7500 BFX	750
AT10 MOV / 1800 BFX	180	AT10 MOV / 3750 BFX	375	AT10 MOV / 8000 BFX	800
AT10 MOV / 1900 BFX	190	AT10 MOV / 4000 BFX	400	AT10 MOV / 9000 BFX	900



# AT10 Pitch Truly Endless “BFX”

## AT10move Belt “BFX” Specifications

Construction	Tension-member	Dimension	Belt Width (mm)				
			25	32	50	75	100
Truly Endless “BFX”	AT10-move Tension Member	F <sub>zul</sub> [N]	6,750	8,625	13,470	20,200	26,940
	Belt Mass	[kg/m/cm]	0.173	0.222	0.347	0.520	0.693

### AT10move - BFX Tooth Shear Strength (specific belt tooth load bearing)

AT10move RPM 0-1900				AT10move RPM 2000-10000			
R.P.M. n [min <sup>-1</sup> ]	F <sub>USPEC</sub> [N/cm]	M <sub>SPEC</sub> [Ncm/cm]	P <sub>SPEC</sub> [W/cm]	R.P.M. n [min <sup>-1</sup> ]	F <sub>USPEC</sub> [N/cm]	M <sub>SPEC</sub> [Ncm/cm]	P <sub>SPEC</sub> [W/cm]
0	113.2	18.02	0.000	2000	62.1	9.89	20.698
20	111.5	17.76	0.371	2200	60.1	9.55	22.022
40	110.0	17.51	0.733	2400	58.2	9.26	23.254
60	108.6	17.26	1.086	2600	56.4	8.98	24.424
80	107.2	17.05	1.429	2800	54.7	8.72	25.533
100	105.8	16.85	1.763	3000	53.1	8.47	26.596
200	100.1	15.94	3.342	3200	51.7	8.24	27.597
300	95.6	15.22	4.774	3400	50.4	8.01	28.536
400	91.6	14.60	6.114	3600	49.1	7.81	29.429
500	88.4	14.06	7.361	3800	47.9	7.61	30.292
600	85.5	13.60	8.547	4000	46.7	7.42	31.108
700	82.7	13.17	9.656	4500	43.9	6.99	32.956
800	80.4	12.80	10.718	5000	41.4	6.61	34.650
900	78.2	12.44	11.735	5500	39.3	6.25	36.036
1000	76.2	12.14	12.705	6000	37.3	5.93	37.268
1100	74.4	11.84	13.644	6500	35.4	5.62	38.346
1200	72.7	11.57	14.538	7000	33.6	5.34	39.270
1300	71.1	11.32	15.400	7500	32.0	5.08	40.040
1400	69.6	11.07	16.232	8000	30.4	4.85	40.656
1500	68.2	10.84	17.048	8500	29.0	4.62	41.118
1600	66.8	10.64	17.818	9000	27.6	4.40	41.426
1700	65.6	10.44	18.572	9500	26.4	4.19	41.734
1800	64.4	10.24	19.312	10000	25.1	4.00	41.888
1900	63.1	10.06	20.020				

Ordering Example: **move-series®** Timing Belt

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

**50** **AT10 MOV** / **3750** **BFX**