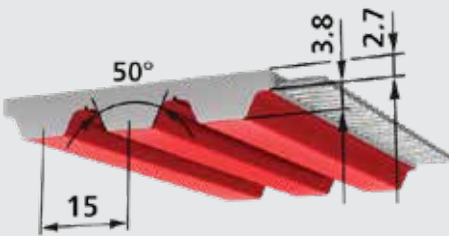


AT15 Pitch Truly Endless “BFX”

The AT15 **move** is the strongest polyurethane timing belt you can buy. It is specifically designed for heavy-duty high-performance drives and traction drives with a particularly high stiffness requirement. It is also made for linear drive applications where short settling times and high positioning accuracy are a necessity.

The specially developed steel cord tension members increase belt stiffness and tear-resistance, making transmission of stronger forces possible. As with AT10 **move**, you can select a narrower timing belt making a more compact drive design possible.

Truly Endless “BFX”



Specifications

Widths (mm)	25	32	50	75	100
Lengths	Standard lengths listed below. Additional lengths available up to 30,495mm. In between lengths available starting at a minimum of 1,410mm.				
Standard Material	TPUST1				
move Tension Member	Steel				
Belt Color	White / Red				

Standard Lengths

AT15 move Pitch/Length Version	Number of Teeth	AT15 move Pitch/Length Version	Number of Teeth	AT15 move Pitch/Length Version	Number of Teeth
AT15 MOV / 1500 BFX	100	AT15 MOV / 3000 BFX	200	AT15 MOV / 5295 BFX	353
AT15 MOV / 1590 BFX	106	AT15 MOV / 3285 BFX	219	AT15 MOV / 5595 BFX	373
AT15 MOV / 1710 BFX	114	AT15 MOV / 3495 BFX	233	AT15 MOV / 5760 BFX	384
AT15 MOV / 1800 BFX	120	AT15 MOV / 3750 BFX	250	AT15 MOV / 6000 BFX	400
AT15 MOV / 1905 BFX	127	AT15 MOV / 4005 BFX	267	AT15 MOV / 6300 BFX	420
AT15 MOV / 1995 BFX	133	AT15 MOV / 4245 BFX	283	AT15 MOV / 6705 BFX	447
AT15 MOV / 2250 BFX	150	AT15 MOV / 4500 BFX	300	AT15 MOV / 7095 BFX	473
AT15 MOV / 2505 BFX	167	AT15 MOV / 4740 BFX	316	AT15 MOV / 7500 BFX	500
AT15 MOV / 2790 BFX	186	AT15 MOV / 4995 BFX	333		



AT15 Pitch Truly Endless “BFX”

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

AT15 <i>move</i> RPM 0-1900				AT15 <i>move</i> RPM 2000-10000			
R.P.M. n [min]	F _{USPEC} [N/cm]	M _{SPEC} [Ncm/cm]	P _{SPEC} [W/cm]	R.P.M. n [min]	F _{USPEC} [N/cm]	M _{SPEC} [Ncm/cm]	P _{SPEC} [W/cm]
0	168.0	40.1	0.000	2000	85.3	20.3	42.709
20	165.2	39.4	0.827	2200	82.0	19.6	45.171
40	162.6	38.8	1.627	2400	79.0	18.8	47.458
60	160.2	38.2	2.405	2600	76.2	18.2	49.584
80	157.9	37.7	3.161	2800	73.6	17.5	51.561
100	155.8	37.2	3.898	3000	71.1	16.9	53.399
200	146.5	35.0	7.332	3200	68.8	16.4	55.109
300	139.0	33.2	10.437	3400	66.6	15.9	56.697
400	132.8	31.7	13.288	3600	64.6	15.4	58.171
500	127.4	30.4	15.935	3800	62.6	14.9	59.538
600	122.6	29.3	18.411	4000	60.7	14.5	60.802
700	118.4	28.2	20.739	4500	56.4	13.4	63.547
800	114.6	27.3	22.939	5000	52.5	12.5	65.751
900	111.1	26.5	25.024	5500	49.0	11.7	67.468
1000	107.9	25.7	27.007	6000	45.8	10.9	68.743
1100	105.0	25.0	28.897	6500	42.8	10.2	69.611
1200	102.2	24.4	30.701				
1300	99.7	23.8	32.427				
1400	97.3	23.2	34.080				
1500	95.0	22.7	35.665				
1600	92.9	22.1	37.187				
1700	90.8	21.7	38.649				
1800	88.9	21.2	40.055				
1900	87.1	20.8	41.407				

AT15*move* Belt “BFX” Specifications

Construction	Tension-member	Dimension	Belt Width (mm)				
			25	32	50	75	100
Truly Endless “BFX”	AT15 <i>move</i> Tension Member	F _{zul} [N]	8,450	11,050	17,550	26,000	35,100
	Belt Mass	[kg/m/cm]	0.237	0.303	0.473	0.710	0.946

Ordering Example: *move-series*® Timing Belt

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

50 AT10 MOV / 3750 BFX