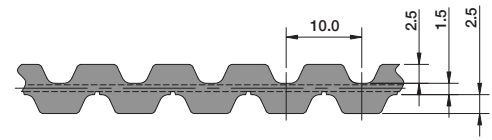


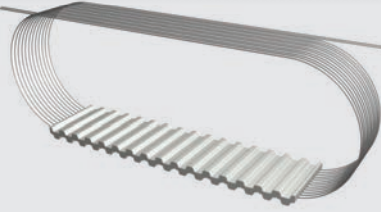
# AT10 DL

# BFX Double Sided-SERIES



## Truly Endless "BFX"

## Specifications



<b>Widths (inches)</b> <small>In between widths available</small>	10	12	16	20	25	32	50	75	100
<b>Lengths</b>	See Standard Lengths Below Additional lengths available up to 20,000mm. In between lengths available starting at a minimum length of 900mm.								
<b>Available Options</b>	Nylon coating tooth side (PAZ) one side only								
<b>Tension Member Options</b>	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®								

## Specifications

Timing Belt	Pitch (mm)	Code	Ultimate Tensile Strength (N/10mm belt width)	Maximum Allowable Tensile Strength (N/10mm belt width)	Specific Belt Stiffness Steel Reinforced (Per unit width/length)	Specific Belt Mass (per 10mm belt width, steel reinforced)	Min. # of Teeth on Pulley / Flat Idler Min. Ø no back bending	Min. # of Teeth on Pulley / Flat Idler Min. Ø with back bending
Double Sided Series	AT10 DL	BFX	6400	1600	4.00 x 10 <sup>5</sup> N	0.076 kg/m	25 / 80mm	25 / 120mm

## Standard Lengths

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
AT10 DL / 1150 BFX	115	AT10 DL / 2000 BFX	200	AT10 DL / 4250 BFX	425
AT10 DL / 1210 BFX	121	AT10 DL / 2120 BFX	212	AT10 DL / 4500 BFX	450
AT10 DL / 1240 BFX	124	AT10 DL / 2240 BFX	224	AT10 DL / 4750 BFX	475
AT10 DL / 1250 BFX	125	AT10 DL / 2360 BFX	236	AT10 DL / 5000 BFX	500
AT10 DL / 1320 BFX	132	AT10 DL / 2500 BFX	250	AT10 DL / 5300 BFX	530
AT10 DL / 1400 BFX	140	AT10 DL / 2650 BFX	265	AT10 DL / 5600 BFX	560
AT10 DL / 1420 BFX	142	AT10 DL / 2800 BFX	280	AT10 DL / 6000 BFX	600
AT10 DL / 1500 BFX	150	AT10 DL / 3000 BFX	300	AT10 DL / 6300 BFX	630
AT10 DL / 1530 BFX	153	AT10 DL / 3150 BFX	315	AT10 DL / 6700 BFX	670
AT10 DL / 1600 BFX	160	AT10 DL / 3350 BFX	335	AT10 DL / 7100 BFX	710
AT10 DL / 1700 BFX	170	AT10 DL / 3550 BFX	355	AT10 DL / 7500 BFX	750
AT10 DL / 1800 BFX	180	AT10 DL / 3750 BFX	375	AT10 DL / 8000 BFX	800
AT10 DL / 1900 BFX	190	AT10 DL / 4000 BFX	400	AT10 DL / 9000 BFX	900

Ordering Example: Polyurethane Timing Belt

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

75 AT10 DL / 4500 BFX

## Stock Pulleys

Tooth Type	Number of Teeth	Outside Diameter	Pitch Circle Diameter	Face Width	Pilot Bore	Part Number
AT10	z	d <sub>k</sub> (mm)	d <sub>o</sub> (mm)	B (mm)	d <sub>v</sub> (mm)	
BELT WIDTH = 25 mm	12	36.38	38.20	32	6	LS 42 AT10 / 12-2 hub 28x10
	14	42.74	44.56	32	8	LS 42 AT10 / 14-2 hub 32x10
	15	45.93	57.75	32	8	LS 42 AT10 / 15-2 hub 32x10
	16	49.11	50.93	32	8	LS 42 AT10 / 16-2 hub 35x10
	18	55.48	57.30	32	8	LS 42 AT10 / 18-2 hub 40x10
	19	58.66	60.48	32	8	LS 42 AT10 / 19-2 hub 44x10
	20	61.84	63.66	32	12	LS 42 AT10 / 20-2 hub 46x10
	22	68.21	70.03	32	12	LS 42 AT10 / 22-2 hub 50x10
	24	74.57	76.39	32	12	LS 42 AT10 / 24-2 hub 58x10
	25	77.76	79.58	32	12	LS 42 AT10 / 25-2 hub 60x10
	27	84.12	85.94	32	12	LS 42 AT10 / 27-2 hub 60x10
	30	93.67	95.49	32	12	LS 42 AT10 / 30-2 hub 60x10
	32	100.04	101.86	32	12	LS 42 AT10 / 32-2 hub 65x10
	36	112.77	114.59	32	16	LS 42 AT10 / 36-2 hub 70x10
	40	125.50	127.32	32	16	LS 42 AT10 / 40-2 hub 80x10
44	138.24	140.06	32	16	LS 42 AT10 / 44-2 hub 90x10	
48	150.97	152.79	32	16	LS 42 AT10 / 48-0 hub 95x10	
60	189.17	190.99	32	16	LS 42 AT10 / 60-0 hub 110x10	
BELT WIDTH = 32 mm	18	55.48	57.30	40	8	LS 50 AT10 / 18-2 hub 40x10
	19	58.66	60.48	40	8	LS 50 AT10 / 19-2 hub 44x10
	20	61.84	63.66	40	12	LS 50 AT10 / 20-2 hub 46x10
	22	68.21	70.03	40	12	LS 50 AT10 / 22-2 hub 50x10
	24	74.57	76.39	40	12	LS 50 AT10 / 24-2 hub 58x10
	25	77.76	79.58	40	12	LS 50 AT10 / 25-2 hub 60x10
	27	84.12	85.94	40	12	LS 50 AT10 / 27-2 hub 60x10
	30	93.67	95.49	40	12	LS 50 AT10 / 30-2 hub 60x10
	32	100.04	101.86	40	12	LS 50 AT10 / 32-2 hub 65x10
	36	112.77	114.59	40	16	LS 50 AT10 / 36-2 hub 70x10
	40	125.50	127.32	40	16	LS 50 AT10 / 40-2 hub 80x10
	44	138.24	140.06	40	16	LS 50 AT10 / 44-2 hub 90x10
	48	150.97	152.79	40	16	LS 50 AT10 / 48-0 hub 95x10
	60	189.17	190.99	40	16	LS 50 AT10 / 60-0 hub 110x10
	BELT WIDTH = 50 mm	18	55.48	57.30	60	8
19		58.66	60.48	60	8	LS 70 AT10 / 19-2 hub 44x10
20		61.84	63.66	60	12	LS 70 AT10 / 20-2 hub 46x10
22		68.21	70.03	60	12	LS 70 AT10 / 22-2 hub 50x10
24		74.57	76.39	60	12	LS 70 AT10 / 24-2 hub 58x10
25		77.76	79.58	60	12	LS 70 AT10 / 25-2 hub 60x10
27		84.12	85.94	60	12	LS 70 AT10 / 27-2 hub 60x10
30		93.67	95.49	60	12	LS 70 AT10 / 30-2 hub 60x10
32		100.04	101.86	60	12	LS 70 AT10 / 32-2 hub 65x10
36		112.77	114.59	60	16	LS 70 AT10 / 36-2 hub 70x10
40		125.50	127.32	60	16	LS 70 AT10 / 40-2 hub 80x10
44		138.24	140.06	60	16	LS 70 AT10 / 44-2 hub 90x10
48		150.97	152.79	60	16	LS 70 AT10 / 48-0 hub 95x10
60		189.17	190.99	60	16	LS 70 AT10 / 60-0 hub 110x10

### Ordering Example: Stock Pulleys

[MATERIAL] [WIDTH OVER HUB] [PITCH] / [# OF TEETH] [# OF FLANGES] [HUB DIAMETER] [HUB WIDTH]

LS 70 AT10 / 48 - 0 hub 95 x 10