



Truly Endless "BFX"

Specifications

Widths (inches) <small>In between widths available</small>	6	10	12	16	20	25	32	50	75	100
Lengths	See Standard Lengths on pg 2 Additional lengths available up to 15,000mm. In between lengths available starting at a minimum length of 900mm.									
Available Options	Nylon coating tooth side (PAZ) one side only									
Tension Member Options	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	T5 DL	BFX	1572	393	9.83 x 10 ⁴ N	0.028 kg/m	 15 / 30mm	 15 / 30mm

Standard Lengths

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
T5 DL / 150 SFX	30	T5 DL / 1325 BFX	265	T5 DL / 3150 BFX	630
T5 DL / 260 SFX	52	T5 DL / 1380 BFX	276	T5 DL / 3350 BFX	670
T5 DL / 300 SFX	60	T5 DL / 1400 BFX	280	T5 DL / 3550 BFX	710
T5 DL / 410 SFX	82	T5 DL / 1500 BFX	300	T5 DL / 3750 BFX	750
T5 DL / 460 SFX	92	T5 DL / 1600 BFX	320	T5 DL / 4000 BFX	800
T5 DL / 515 SFX	105	T5 DL / 1700 BFX	340	T5 DL / 4250 BFX	850
T5 DL / 590 SFX	118	T5 DL / 1800 BFX	360	T5 DL / 4500 BFX	900
T5 DL / 620 SFX	124	T5 DL / 1900 BFX	380	T5 DL / 4750 BFX	950
T5 DL / 625 SFX	125	T5 DL / 2000 BFX	400	T5 DL / 5000 BFX	1000
T5 DL / 750 SFX	150	T5 DL / 2120 BFX	424	T5 DL / 5300 BFX	1060
T5 DL / 815 SFX	163	T5 DL / 2240 BFX	448	T5 DL / 5600 BFX	1120
T5 DL / 860 SFX	172	T5 DL / 2360 BFX	472	T5 DL / 6000 BFX	1200
T5 DL / 940 SFX	188	T5 DL / 2500 BFX	500	T5 DL / 6300 BFX	1260
T5 DL / 1075 BFX	215	T5 DL / 2650 BFX	530	T5 DL / 6700 BFX	1340
T5 DL / 1100 BFX	220	T5 DL / 2800 BFX	560	T5 DL / 7100 BFX	1420
T5 DL / 1215 BFX	243	T5 DL / 3000 BFX	600	T5 DL / 7500 BFX	1500

Ordering Example: Polyurethane Timing Belt

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

75 T5 DL / 2650 BFX

Stock Pulleys

Tooth Type	Number of Teeth	Outside Diameter	Pitch Circle Diameter	Face Width	Pilot Bore	Part Number
T5	z	d _k (mm)	d _o (mm)	B (mm)	d _v (mm)	
BELT WIDTH = 10 mm	10	15.05	15.92	15	4	LS 21 T5-SE / 10-2 hub 8x6
	12	18.25	19.10	15	4	LS 21 T5-SE / 12-2 hub 12x6
	14	21.45	22.28	15	6	LS 21 T5-SE / 14-2 hub 14x6
	15	23.05	23.87	15	6	LS 21 T5-SE / 15-2 hub 16x6
	16	24.60	25.46	15	6	LS 21 T5-SE / 16-2 hub 18x6
	18	27.80	28.65	15	6	LS 21 T5-SE / 18-2 hub 20x6
	19	29.40	30.24	15	6	LS 21 T5-SE / 19-2 hub 22x6
	20	31.00	31.83	15	6	LS 21 T5-SE / 20-2 hub 24x6
	24	37.35	38.20	15	6	LS 21 T5 / 24-2 hub 26x6
	25	38.95	39.79	15	6	LS 21 T5 / 25-2 hub 26x6
	27	42.15	42.97	15	8	LS 21 T5 / 27-2 hub 30x6
	30	46.90	47.75	15	8	LS 21 T5 / 30-2 hub 34x6
	32	50.10	50.93	15	8	LS 21 T5 / 32-2 hub 38x6
	36	56.45	57.30	15	8	LS 21 T5 / 36-2 hub 38x6
	40	62.65	63.66	15	8	LS 21 T5 / 40-2 hub 40x6
48	75.55	76.39	15	8	LS 21 T5 / 48-0 hub 50x6	
60	94.65	95.49	15	8	LS 21 T5 / 60-0 hub 65x6	
BELT WIDTH = 16 mm	10	15.05	15.92	21	4	LS 27 T5-SE / 10-2 hub 8x6
	12	18.25	19.10	21	4	LS 27 T5-SE / 12-2 hub 12x6
	14	21.45	22.28	21	6	LS 27 T5-SE / 14-2 hub 14x6
	15	23.05	23.87	21	6	LS 27 T5-SE / 15-2 hub 16x6
	16	24.60	25.46	21	6	LS 27 T5-SE / 16-2 hub 18x6
	18	27.80	28.65	21	6	LS 27 T5-SE / 18-2 hub 20x6
	19	29.40	30.24	21	6	LS 27 T5-SE / 19-2 hub 22x6
	20	31.00	31.83	21	6	LS 27 T5-SE / 20-2 hub 24x6
	24	37.35	38.20	21	6	LS 27 T5 / 24-2 hub 26x6
	25	38.95	39.79	21	6	LS 27 T5 / 25-2 hub 26x6
	27	42.15	42.97	21	8	LS 27 T5 / 27-2 hub 30x6
	30	46.90	47.75	21	8	LS 27 T5 / 30-2 hub 34x6
	32	50.10	50.93	21	8	LS 27 T5 / 32-2 hub 38x6
	36	56.45	57.30	21	8	LS 27 T5 / 36-2 hub 38x6
	40	62.65	63.66	21	8	LS 27 T5 / 40-2 hub 40x6
48	75.55	76.39	21	8	LS 27 T5 / 48-0 hub 50x6	
60	94.65	95.49	21	8	LS 27 T5 / 60-0 hub 65x6	
BELT WIDTH = 25 mm	10	15.05	15.92	30	4	LS 36 T5-SE / 10-2 hub 8x6
	12	18.25	19.10	30	4	LS 36 T5-SE / 12-2 hub 12x6
	14	21.45	22.28	30	6	LS 36 T5-SE / 14-2 hub 14x6
	15	23.05	23.87	30	6	LS 36 T5-SE / 15-2 hub 16x6
	16	24.60	25.46	30	6	LS 36 T5-SE / 16-2 hub 18x6
	18	27.80	28.65	30	6	LS 36 T5-SE / 18-2 hub 20x6
	19	29.40	30.24	30	6	LS 36 T5-SE / 19-2 hub 22x6
	20	31.00	31.83	30	6	LS 36 T5-SE / 20-2 hub 24x6
	24	37.35	38.20	30	6	LS 36 T5 / 24-2 hub 26x6
	25	38.95	39.79	30	6	LS 36 T5 / 25-2 hub 26x6
	27	42.15	42.97	30	8	LS 36 T5 / 27-2 hub 30x6
	30	46.90	47.75	30	8	LS 36 T5 / 30-2 hub 34x6
	32	50.10	50.93	30	8	LS 36 T5 / 32-2 hub 38x6
	36	56.45	57.30	30	8	LS 36 T5 / 36-2 hub 38x6
	40	62.65	63.66	30	8	LS 36 T5 / 40-2 hub 40x6
48	75.55	76.39	30	8	LS 36 T5 / 48-0 hub 50x6	
60	94.65	95.49	30	8	LS 36 T5 / 60-0 hub 65x6	

Ordering Example: Stock Pulleys

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

LS 36 T5 / 40 - 2 hub 40 x 6