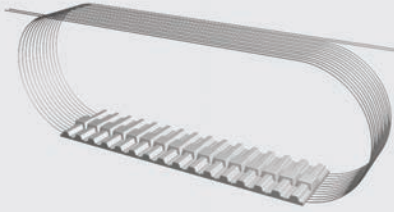


Truly Endless "BFX"

Specifications

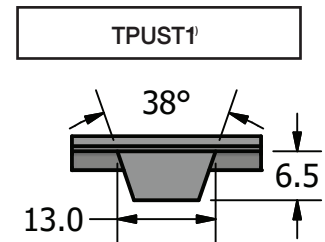


Widths (inches) In between widths available	25	50
Lengths	See Standard Lengths Below Additional lengths available up to 22,000mm. In between lengths available starting at a minimum length of 1,200mm.	
Available Options	Nylon coating tooth side (PAZ)	
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®	

Minimum Number of Pulley Teeth and Idler Diameter

Standard Material

Pitch (mm)	Min. # of Pulley Teeth (no back bending)	Min. # of Pulley Teeth (with back bending)	Min. Diameter of Flat Idler running on tooth side (mm)	Min. Diameter of Flat Idler running on belt back (mm)
TK10K13	25	25	80	120



Standard Lengths

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
TK10K13 / 1080 BFX	108	TK10K13 / 1750 BFX	175	TK10K13 / 4000 BFX	400
TK10K13 / 1150 BFX	115	TK10K13 / 1780 BFX	178	TK10K13 / 4250 BFX	425
TK10K13 / 1210 BFX	121	TK10K13 / 1880 BFX	188	TK10K13 / 4500 BFX	450
TK10K13 / 1240 BFX	124	TK10K13 / 1960 BFX	196	TK10K13 / 4750 BFX	475
TK10K13 / 1250 BFX	125	TK10K13 / 2250 BFX	225	TK10K13 / 5000 BFX	500
TK10K13 / 1320 BFX	132	TK10K13 / 2360 BFX	236	TK10K13 / 5300 BFX	530
TK10K13 / 1350 BFX	135	TK10K13 / 2500 BFX	250	TK10K13 / 5600 BFX	560
TK10K13 / 1390 BFX	139	TK10K13 / 2650 BFX	265	TK10K13 / 6000 BFX	600
TK10K13 / 1400 BFX	140	TK10K13 / 2800 BFX	280	TK10K13 / 6300 BFX	630
TK10K13 / 1420 BFX	142	TK10K13 / 3000 BFX	300	TK10K13 / 6700 BFX	670
TK10K13 / 1460 BFX	146	TK10K13 / 3100 BFX	310	TK10K13 / 7100 BFX	710
TK10K13 / 1500 BFX	150	TK10K13 / 3150 BFX	315	TK10K13 / 7500 BFX	750
TK10K13 / 1560 BFX	156	TK10K13 / 3350 BFX	335	TK10K13 / 8000 BFX	800
TK10K13 / 1610 BFX	161	TK10K13 / 3750 BFX	375	TK10K13 / 9000 BFX	900

Stock Pulleys

Tooth Type	Number of Teeth	Outside Diameter	Pitch Circle Diameter	Face Width	Pilot Bore	Part Number
T5	z	d _k (mm)	d ₀ (mm)	B (mm)	d _v (mm)	
BELT WIDTH = 50 mm	20	61.80	63.66	55	12	AL 55 TK10K13-SE / 20-0, d=12
	24	74.55	76.39	55	12	AL 55 TK10K13 / 24-0, d=12
	25	77.75	79.58	55	12	AL 55 TK10K13 / 25-0, d=12
	27	84.10	85.94	55	12	AL 55 TK10K13 / 27-0, d=12
	30	93.65	95.49	55	12	AL 55 TK10K13 / 30-0, d=12
	32	100.00	101.86	55	12	AL 55 TK10K13 / 32-0, d=12
	36	112.75	114.59	55	16	AL 55 TK10K13 / 36-0, d=16
	40	125.45	127.32	55	16	AL 55 TK10K13 / 40-0, d=16
	48	150.95	152.79	55	16	AL 55 TK10K13 / 48-0, d=16
60	189.15	190.99	55	16	AL 55 TK10K13 / 60-0, d=16	
BELT WIDTH = 100mm	20	61.80	63.66	105	12	AL 105 TK10K13-SE / 20-0, d=12
	24	74.55	76.39	105	12	AL 105 TK10K13 / 24-0, d=12
	25	77.75	79.58	105	12	AL 105 TK10K13 / 25-0, d=12
	27	84.10	85.94	105	12	AL 105 TK10K13 / 27-0, d=12
	30	93.65	95.49	105	12	AL 105 TK10K13 / 30-0, d=12
	32	100.00	101.86	105	12	AL 105 TK10K13 / 32-0, d=12
	36	112.75	114.59	105	16	AL 105 TK10K13 / 36-0, d=16
	40	125.45	127.32	105	16	AL 105 TK10K13 / 40-0, d=16
	48	150.95	152.79	105	16	AL 105 TK10K13 / 48-0, d=16
60	189.15	190.99	105	16	AL 105 TK10K13 / 60-0, d=16	

Ordering Example: Pulleys

[MATERIAL] [WIDTH OVER HUB] [PITCH] / [# OF TEETH] [# OF FLANGES]
AL 55 TK10K13 / 30 - 0

Ordering Example: Polyurethane Timing Belt

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]
50 TK10K13 / 5300 BFX