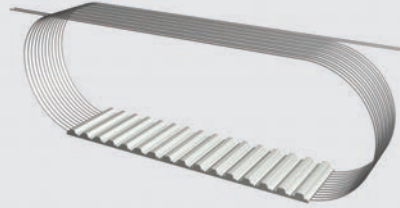


## Truly Endless "BFX"



## Specifications

<b>Widths (inches)</b> <small>In between widths available</small>	.25	.313	.375	.5	.75	1.0	1.5	2.0	3.0	4.0
<b>Widths (mm)</b>	6.35	7.94	9.53	12.7	19.05	25.4	38.1	50.8	76.2	101.6
<b>Lengths</b>	See Standard Lengths on pg 2									
<b>Available Options</b>	Nylon facing tooth side (PAZ)									
<b>Tension Member Options</b>	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®									

## Product Performance

Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
≤ 5 kW	Approx. 10000 min <sup>-1</sup>	Approx. 80 ms <sup>-1</sup>	From z=10	Office machinery, do-it-yourself units, positioning and regulating drives.

## 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)
Imperial Series	XL (T1/5")	BFX	1464	366	9.15 x 10 <sup>4</sup> N	0.023 kg/m

## Minimum Number of Pulley Teeth and Idler Diameter

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)
XL (T1/5")	10	15	30	30

## Standard Material

TPUST3

## Standard Lengths

Pitch/Length Version	Length in mm	Number of Teeth	Pitch/Length Version	Length in mm	Number of Teeth
60 XL	152.4	30	170 XL	431.8	85
70 XL	177.8	35	180 XL	457.2	90
80 XL	203.2	40	190 XL	482.6	95
90 XL	228.6	45	200 XL	508.0	100
100 XL	254.0	50	210 XL	533.4	105
110 XL	279.4	55	220 XL	558.8	110
120 XL	304.8	60	230 XL	584.2	115
130 XL	330.2	65	240 XL	609.6	120
140 XL	355.6	70	250 XL	635.0	125
150 XL	381.0	75	260 XL	660.4	130
160 XL	406.4	80			

## Ordering Example: Polyurethane Timing Belt

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

EX 1: 25.4 T1/5" / 508 BFX

EX 2: 200 XL / 100 BFX