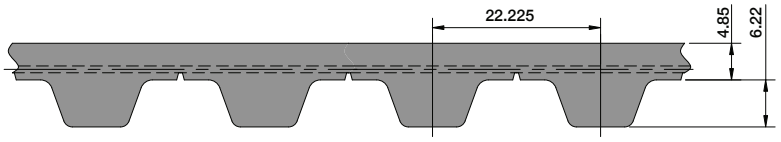
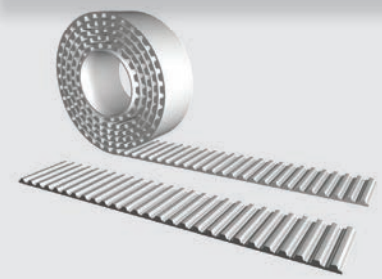
XH (T7/8”)



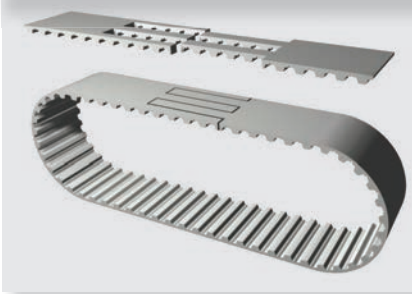
Open-Ended “M”



Specifications

Widths (inches) In between widths available	1.0	1.5	2.0	3.0	4.0
Widths (mm)	25.4	38.1	50.8	76.2	101.6
Lengths	Any length available. Stock rolls 50 meters (164ft)				
Available Options	Nylon coating tooth side (PAZ), Nylon backing (PAR), Nylon both sides (PAZ-PAR)				
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®				

Spliced and Welded “V”



Specifications

Widths (inches) In between widths available	1.0	1.5	2.0	3.0	4.0
Widths (mm)	25.4	38.1	50.8	76.2	101.6
Min. Joined Length (mm) Increasing in one tooth increments	1,000.125 (39.375 Inches)				
Available Options	Nylon coating tooth side (PAZ), Nylon backing (PAR), Nylon both sides (PAZ-PAR)				
Tension Member Options	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)
Approx. up to 100 kW	Approx. 6500 min^{-1}	Approx. 40 ms^{-1}	From z=15	Heavy construction machinery, paper machinery, pumps, compressors, textile machinery

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	XH (T7/8”)	M	5508	1307	3.44 x 10^5 N	0.104 kg/m
		V	-	688	-	

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)
XH (T7/8”)	18	25	150	180

Standard Material

TPUST1[1)]

Ordering Example: Polyurethane Timing Belt

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

EX 1: 50.8 T7/8” / 1778 BFX

EX 2: 700 XH / 200 BFX