



Open-Ended "M"

Specifications

Widths (mm) <small>In between widths available</small>	50	75	100
Lengths	Any lengths available - Stock rolls 50 meters		
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		



Spliced and Welded "V"

Specifications

Widths (mm) <small>In between widths available</small>	50	75	100
Min. Joined Length (mm) <small>Increasing in one tooth increments</small>	1,000		
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		

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)
SFAT20	18	25	120	180

Standard Material

TPUST1¹⁾

Product Performance

Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
Possible beyond 200 kW	Approx. 6500 min ⁻¹	Approx. 40 ms ⁻¹	From z=18	Heavy-duty drives, textile machinery, printing machinery, machine tools

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)
SFAT-Series	SFAT20	M V	8960 -	2240 1120	5.60 x 10 ⁵ N -	0.096 kg/m

Ordering Example: Polyurethane Timing Belt

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]
75 SFAT20 / 4000 M