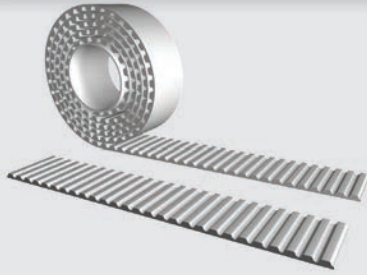


Open-Ended "M"

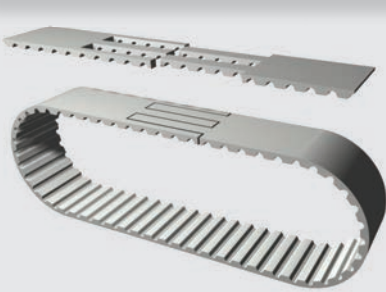
Specifications



Widths (mm) <small>In between widths available</small>	25	32	50	75	100	150
Lengths	Any lengths available - Stock rolls 50 meters					
Available Options	Nylon coating tooth side (PAZ), Nylon backing (PAR), Nylon both sides (PAZ-PAR), Polyurethane cover (T-Cover)					
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®					

Spliced and Welded "V"

Specifications



Widths (mm) <small>In between widths available</small>	25	32	50	75	100	150
Min. Joined Length (mm) <small>Increasing in one tooth increments</small>	920		1,000			
Available Options	Nylon coating tooth side (PAZ), Nylon backing (PAR), Nylon both sides (PAZ-PAR), Polyurethane cover (T-Cover)					
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®					

Note: Minimum weld length is not recommended for widths less than 22mm

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)
AT-Series	AT20	M V	8960 -	2240 1066	5.60 x 10 ⁵ N -	0.096 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)
AT20	18	25	120	180

Standard Material

TPUST1[®]

Ordering Example: Polyurethane Timing Belt

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

50 AT20 / 5000 M