










Unit	Imperial Series (inch)				Metric Series (mm)						
Application	General				Light Load Conveyance	Heavy Load Conveyance	High Torque		Super High Torque		High Accuracy Positioning
Belt Type	MXL	XL	L	H	T5, T10	AT5, AT10	S2M-S14M	P2M-P8M	UP5M-UP8M	MTS8M	2GT-EV8YU
Pitch	0.800"	0.200"	0.375"	0.5"	5, 10 mm	5, 10 mm	2, 3, 5, 8, 14 mm	2, 3, 5, 8 mm	5, 8 mm	5 mm	2, 3, 5, 8 mm
Tooth Profile	 Trapezoidal				 Trapezoidal		 Curvilinear Circular (S-Type)	 Curvilinear with Dimple (R-Type)	 Curvilinear Circular (S-Type)	 Curvilinear with Dimple (R-Type)	 Circular Round (H-Type)
Backlash	Medium				Medium	Low	Low*		Low*		Very Low
Endless Belt	•				•		•		•		•
Open End Belt	—	•			•		• (selected pitches)		—		—
Belt Material (Tension Cord)	Rubber (Glass Fiber)			—	Polyurethane (Steel Cord)		Chloroprene Rubber (Glass Fiber)		Chloroprene Rubber (Glass Fiber)	Rubber (Glass Fiber)	Chloroprene Rubber (Glass Fiber)
	Polyurethane (Kevlar/Steel Cord)			Polyurethane (Aramid Fiber) (S2M, S3M, S5M only)							
Typical Applications	Conveying	•			•	•	—	—	—	—	—
	Positioning	—			—	•	•	•	•	•	•
	Power Transmission	—			—	—	•	•	•	•	•
	High Speed	•			•	—	•	•	•	•	•

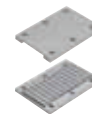
*MISUMI offers Special Zero Backlash S8M pulleys (For use with S-Type belts only)

Timing Belts / Pulleys / Idlers / Accessories



#TIMP

Timing Pulleys, Idlers



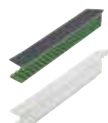
#TIMP

Timing Pulleys, Idlers

#TIMB

Timing Belts and Accessories

Conveyor Timing Belts



#ATBT

Timing Belts with Attachments – T5/T10

#LTBJ

Long Timing Belts – Configurable No. of Teeth

Keyless Bushing



#MLN

Keyless Bushings – Easy Mounting (Nut)



#MLS

Keyless Bushings – Thin Wall



#MLM

Keyless Bushings – Standard



#MLA

Keyless Bushings – Straight



#MLAT

Keyless Bushings – Straight for High Torque



#MLR

Keyless Bushings – Compact



Related Components



Fulcrum Pins
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Machine Keys
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Rotary Shafts
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Bearings with Housings
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