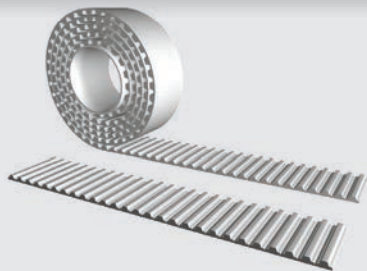


## Open-Ended "M"

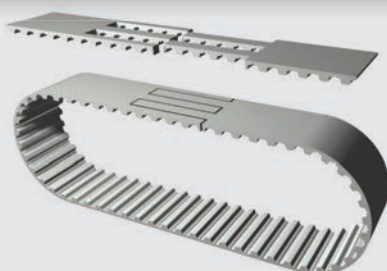
### Specifications



Widths (inches) <small>In between widths available</small>	.375	.5	.75	1.0	1.5	2.0	3.0
Widths (mm)	9.53	12.7	19.05	25.4	38.1	50.8	76.2
Lengths	Any length available. Stock rolls are 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) <small>In between widths available</small>	.375	.5	.75	1.0	1.5	2.0	3.0
Widths (mm)	9.53	12.7	19.05	25.4	38.1	50.8	76.2
Min. Joined Length (mm) <small>Increasing in one tooth increments</small>	504.825 (19.875 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)
≤ 30 kW	Approx. 10000 min <sup>-1</sup>	Approx. 60 ms <sup>-1</sup>	From z=12	Machine tools, main and subsidiary drives, textile machines, printing 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	L (T3/8")	M V	2752 -	688 344	1.72 x 10 <sup>5</sup> N -	0.035 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)
L (T3/8")	15	20	60	60

### Standard Material

Up to 685.8 mm	TPUST3
From 723.9 mm	TPUST1 <sup>1)</sup>

### Ordering Example: Polyurethane Timing Belt

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

EX 1: 25.4 T3/8" / 762 V

EX 2: 300 L / 100 V

## Stock Pulleys

Tooth Type	Number of Teeth	Outside Diameter	Pitch Circle Diameter	Face Width	Pilot Bore	Part Number
L (T3/8")	z	d <sub>k</sub> (mm)	d <sub>o</sub> (mm)	B (mm)	d <sub>v</sub> (mm)	
BELT WIDTH = 25.4 mm	10	29.57	30.33	32	8	LS 40 T3/8" / 10-2 hub 22x8
	11	32.60	33.36	32	8	LS 40 T3/8" / 11-2 hub 24x8
	12	35.63	36.40	32	8	LS 40 T3/8" / 12-2 hub 28x8
	13	38.66	39.43	32	8	LS 40 T3/8" / 13-2 hub 30x8
	14	41.70	42.46	32	8	LS 40 T3/8" / 14-2 hub 33x8
	15	44.72	45.49	32	8	LS 40 T3/8" / 15-2 hub 36x8
	16	47.75	48.52	32	8	LS 40 T3/8" / 16-2 hub 38x8
	17	50.78	51.55	32	10	LS 40 T3/8" / 17-2 hub 40x8
	18	53.81	54.59	32	10	LS 40 T3/8" / 18-2 hub 40x8
	19	56.84	57.62	32	10	LS 40 T3/8" / 19-2 hub 40x8
	20	59.88	60.65	32	10	LS 42 T3/8" / 20-2 hub 46x10
	21	62.91	63.68	32	10	LS 42 T3/8" / 21-2 hub 46x10
22	65.94	66.71	32	10	LS 42 T3/8" / 22-2 hub 50x10	
24	72.00	72.78	32	12	LS 42 T3/8" / 24-2 hub 50x10	
BELT WIDTH = 50.8 mm	10	29.57	30.33	59	8	LS 69 T3/8" / 10-2 hub 22x10
	11	32.60	33.36	59	8	LS 69 T3/8" / 11-2 hub 24x10
	12	35.63	36.40	59	8	LS 69 T3/8" / 12-2 hub 28x10
	13	38.66	39.43	59	8	LS 69 T3/8" / 13-2 hub 30x10
	14	41.70	42.46	59	8	LS 69 T3/8" / 14-2 hub 33x10
	15	44.72	45.49	59	8	LS 69 T3/8" / 15-2 hub 36x10
	16	47.75	48.52	59	8	LS 69 T3/8" / 16-2 hub 38x10
	17	50.78	51.55	59	10	LS 69 T3/8" / 17-2 hub 40x10
	18	53.81	54.59	59	10	LS 69 T3/8" / 18-2 hub 40x10
	19	56.84	57.62	59	10	LS 69 T3/8" / 19-2 hub 40x10
	20	59.88	60.65	59	10	LS 69 T3/8" / 20-2 hub 46x10
	21	62.91	63.68	59	10	LS 69 T3/8" / 21-2 hub 46x10
22	65.94	66.71	59	10	LS 69 T3/8" / 22-2 hub 50x10	
24	72.00	72.78	59	12	LS 69 T3/8" / 24-2 hub 50x10	

### Ordering Example: Stock Pulleys

[MATERIAL]
[WIDTH OVER HUB]
[PITCH] / 
 [# OF TEETH]
[# OF FLANGES]
[HUB DIAMETER]
[HUB WIDTH]

LS
69
T(3/8") / 
 18 - 
 2 hub 
 40 x 
 10