

T10 Steel Linear | PROFILE: T
GENERAL CHARACTERISTICS

T Profile- 10mm Pitch Linear White TPU Timing Belt. Steel Cords.

TECHNICAL INFORMATION

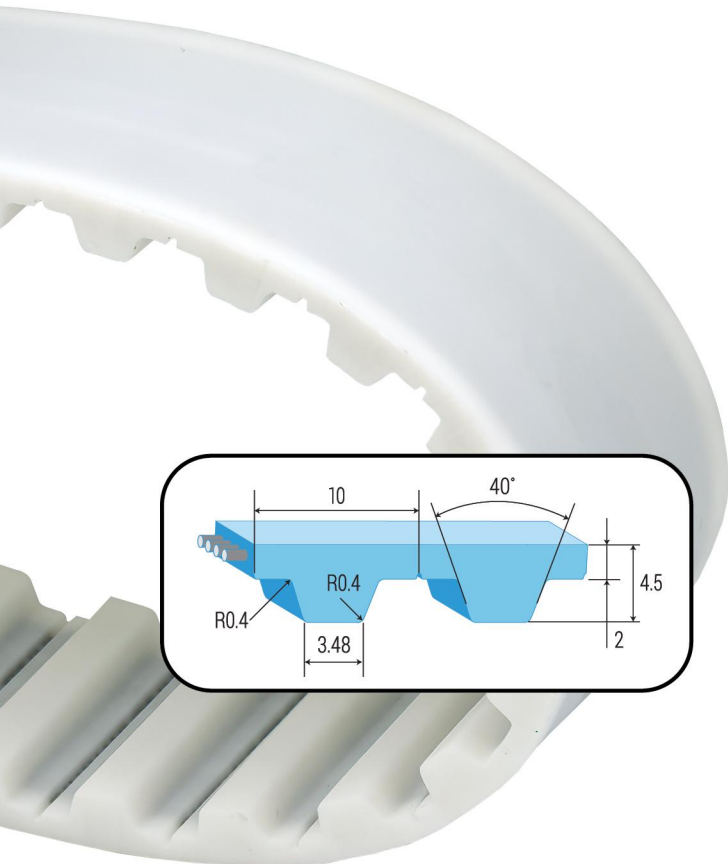
	IMPERIAL	METRIC
Pitch	0.39in	10.00mm
Max. Width	5.91in	150mm
Min. Welded Length	19.69in	500mm
Max. Welded Length	3937.01in	100000mm
Hardness	92	
Material	PU	
Cord	Steel	

TOLERANCE

Length	0.02in	0.50mm
Width	0.02in	0.50mm
Height	0.01in	0.25mm

SPECIFICATIONS

Standard Width (mm)	Weight (gr/m)	Max. Load (N)	Max. Load Welded (N)	Breaking (N)	Elongation (N/mm*m)
10	48	840	420	3360	208
16	81	1470	735	5880	364
25	121	2310	1155	9240	572
32	162	2940	1470	11760	728
50	243	4620	2310	18480	1144
75	364	6930	3465	27720	1716
100	486	9240	4620	36960	2288
150	730	13850	6925	55400	3432

SPECIAL CHARACTERISTICS


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PULLY TEETH AND IDLER DIAMETER
**No Counter
Flexion**

**With Counter
Flexion**


Requirements for pulleys and tension roller	Min. Number of Teeth	Min. Diameter (mm)	Diameter or Tension Roller
No Counter Flexion	12	36.35	40
With Counter Flexion	20	61.81	60

TOOTH FORCE FOR POWER CALCULATION

Speed (1/min)	0	25	50	75	100	250	500	1000	2000
Tooth Force (N/mm)	5.18	5.00	4.85	4.70	4.61	4.14	3.68	3.16	2.61

TECHNICAL PULLEY DATA

Number of Teeth	Outer Diameter (mm)	Effective Diameter (mm)	Diameter of Flange (mm)
12	36.35	38.20	42
14	42.71	44.56	49
15	45.90	47.75	52
16	49.08	50.93	55
18	55.45	57.30	61
19	58.63	60.48	65
20	61.81	63.66	68
22	68.18	70.03	74
24	74.54	76.39	80

Number of Teeth	Outer Diameter (mm)	Effective Diameter (mm)	Diameter of Flange (mm)
25	77.73	79.58	84
26	80.91	82.76	87
27	84.09	85.94	90
28	87.28	89.13	93
30	93.64	95.49	100
32	100.01	101.86	106
34	106.38	108.23	112
36	112.74	114.59	119
40	125.47	127.32	131

⚠ WARNING: This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

*Because of continuous development above data is subjected to change without prior notice by INO USA. This data replaces that included in previous publications. INO USA excludes any liability for the incorrect use of the above stated information.

RELEASED 02/01/2021