

T20 Steel Linear | PROFILE: T
GENERAL CHARACTERISTICS

T Profile- 20mm Pitch Linear White TPU Belt. Steel Cords.

TECHNICAL INFORMATION

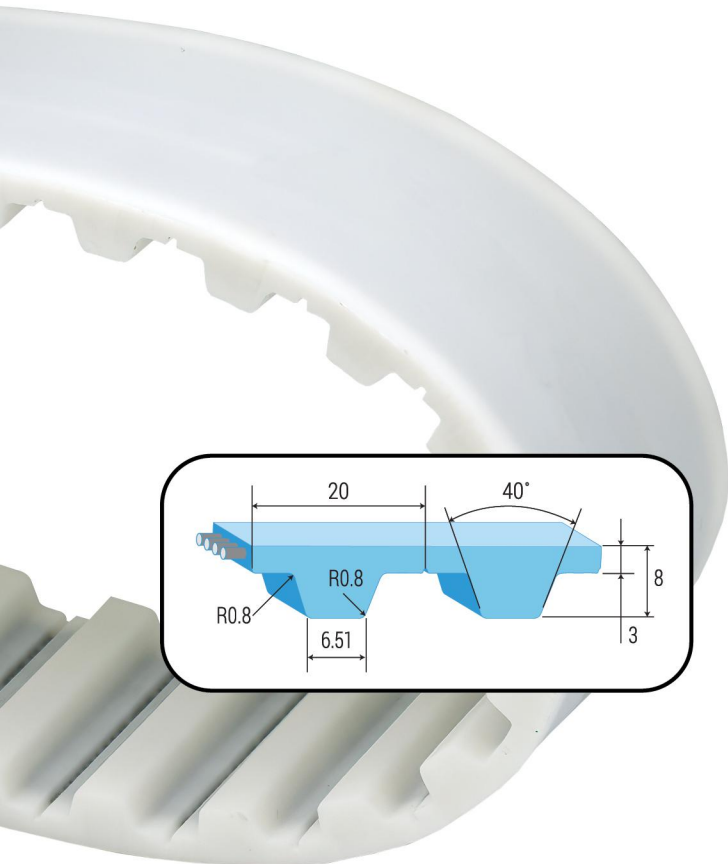
	IMPERIAL	METRIC
Pitch	0.79in	20.00mm
Max. Width	5.91in	150mm
Min. Welded Length	19.69in	500mm
Max. Welded Length	3937.01in	100000mm
Hardness	92	
Material	PU	
Cord	Steel	

TOLERANCE

Length	0.03in	0.80mm
Width	0.03in	0.80mm
Height	0.02in	0.40mm

SPECIFICATIONS

Standard Width (mm)	Weight (gr/m)	Max. Load (N)	Max. Load Welded (N)	Breaking (N)	Elongation (N/mm*m)
25	195	4037	2018	16150	901
32	250	5225	2612	20900	1166
50	395	8075	4037	32300	1802
75	585	12112	6056	48450	2703
100	780	16150	8075	64600	3604
150	1180	24225	12112	69600	5406

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	15	92.64	120
With Counter Flexion	25	156.32	120

TOOTH FORCE FOR POWER CALCULATION

Speed (1/min)	0	25	50	75	100	250	500	1000	2000
Tooth Force (N/mm)	10.45	10.00	9.69	9.35	9.14	8.05	6.95	5.83	4.59

TECHNICAL PULLEY DATA

Number of Teeth	Outer Diameter (mm)	Effective Diameter (mm)	Diameter of Flange (mm)
15	92.64	95.49	103
16	99.02	101.86	109
18	111.75	114.59	122
20	124.48	127.32	134
22	137.22	140.06	147
23	143.58	146.42	153
24	249.95	152.79	160
25	156.32	159.16	166
26	162.68	165.52	173

Number of Teeth	Outer Diameter (mm)	Effective Diameter (mm)	Diameter of Flange (mm)
27	169.05	171.89	179
28	175.41	178.25	185
30	188.15	190.99	198
32	200.88	203.72	211
36	226.34	229.18	236
40	251.81	254.65	262
42	264.54	267.38	274
44	277.27	280.11	287
48	302.74	305.58	313

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.

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