

"T" - TRACK, 30 MIL (20 GA), DEEP LEG, NONSTRUCTURAL

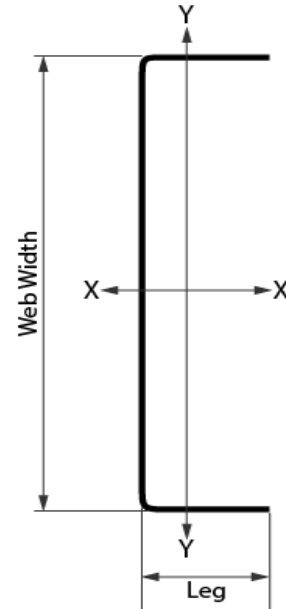
Product Information

The nonstructural 30 mil "T" track with deep leg is fabricated from prime mill certified steel in standard web widths with a true galvanized coating.



Steel Material Properties

30 MIL	Labeled Thickness
0.0312"	Design Thickness
0.0296"	Minimum Thickness
33 ksi	Yield Strength
45 ksi	Tensile Strength
G40	Galvanize Coating Thickness
Red	Color Code (Painted Ends)



LEED - Possible Points for Certification

SCAFCO materials have a high inherent recycled content and can be used in achieving Leadership in Energy & Environmental Design (LEED) Certification.

- ♦ LEED MR 2.1 & 2.2: Construction Waste Management (2 Possible Points)
- ♦ LEED MR Credit 4.1 & 4.2: Recycled Content (2 Possible Points)
- ♦ LEED MR Credit 5.1 & 5.2: Regional Materials (2 Possible Points)

Recycled Content of Steel

- ♦ 9.4% - Pre-Consumer Scrap Recycled Content
- ♦ 24.3% - Post-Consumer Scrap Recycled Content
- ♦ 33.7% - Total Recycled Content

Dimensional Properties

Web Widths: 2-1/2", 3-1/2", 3-5/8", 4", 5-1/2", 6", 8"
 Leg Height: 2", 2-1/2", 3"

ASTM and AISI Code Standards

- ♦ ASTM A653/A653M, A924/A924M, A1003, C645, C754
- ♦ NASPEC 2007 Edition S100-07 (Supplement S2-10 for IBC 2012)
- ♦ IBC 2009, IBC 2012, and CBC 2010

SCAFCO Technical Services

For additional information, visit www.SCAFCO.com or call technical services at 509-343-9000 or technical@SCAFCO.com

Section Properties - Nonstructural Track

Section	Gross Properties								Effective Properties				Torsional Properties					
	Area (in ²)	Weight (lb/ft)	I _x (in ⁴)	S _x (in ³)	R _x (in)	I _y (in ⁴)	R _y (in)	I _{xe} (in ⁴)	S _{xe} (in ³)	M _a (in-k)	V _{ag} (lb)	J _x 1000 (in ⁶)	C _w (in ⁶)	X _o (in)	m (in)	R _o (in)	β	
250T200-30 ¹	0.203	0.69	0.252	0.191	1.116	0.088	0.659	-	-	-	-	0.066	0.106	-1.420	0.814	1.922	0.454	
250T250-30 ¹	0.234	0.80	0.305	0.231	1.143	0.160	0.828	-	-	-	-	0.076	0.196	-1.881	1.057	2.351	0.360	
350T200-30 ¹	0.234	0.80	0.517	0.284	1.486	0.098	0.647	-	-	-	-	0.076	0.225	-1.287	0.761	2.070	0.613	
350T250-30 ¹	0.265	0.90	0.618	0.340	1.527	0.179	0.822	-	-	-	-	0.086	0.411	-1.727	1.000	2.447	0.502	
350T300-30 ¹	0.296	1.01	0.720	0.396	1.559	0.292	0.993	-	-	-	-	0.096	0.676	-2.180	1.242	2.858	0.418	
362T200-30 ¹	0.238	0.81	0.558	0.296	1.532	0.099	0.645	-	-	-	-	0.077	0.243	-1.272	0.755	2.093	0.631	
362T250-30 ¹	0.269	0.92	0.667	0.354	1.574	0.181	0.820	-	-	-	-	0.087	0.445	-1.709	0.993	2.464	0.519	
362T300-30 ¹	0.300	1.02	0.775	0.412	1.607	0.296	0.992	-	-	-	-	0.097	0.731	-2.161	1.235	2.870	0.433	
400T200-30 ¹	0.250	0.85	0.692	0.334	1.665	0.102	0.639	-	-	-	-	0.081	0.303	-1.230	0.738	2.167	0.678	
400T250-30 ¹	0.281	0.96	0.824	0.398	1.713	0.187	0.816	-	-	-	-	0.091	0.554	-1.660	0.974	2.521	0.566	
400T300-30 ¹	0.312	1.06	0.955	0.462	1.750	0.305	0.989	-	-	-	-	0.101	0.909	-2.105	1.214	2.910	0.477	
550T200-30 ¹	0.296	1.01	1.412	0.501	2.183	0.112	0.614	-	-	-	-	0.096	0.626	-1.089	0.675	2.516	0.813	
550T250-30 ¹	0.328	1.11	1.658	0.588	2.250	0.206	0.793	-	-	-	-	0.106	1.141	-1.491	0.903	2.813	0.719	
550T300-30 ¹	0.359	1.22	1.903	0.675	2.303	0.338	0.970	-	-	-	-	0.116	1.864	-1.911	1.136	3.146	0.631	
600T200-30 ¹	0.312	1.06	1.724	0.562	2.351	0.114	0.605	-	-	-	-	0.101	0.764	-1.050	0.656	2.645	0.842	
600T250-30 ¹	0.343	1.17	2.015	0.656	2.423	0.211	0.784	-	-	-	-	0.111	1.392	-1.443	0.881	2.927	0.757	
600T300-30 ¹	0.374	1.27	2.306	0.751	2.482	0.347	0.962	-	-	-	-	0.122	2.273	-1.855	1.113	3.245	0.673	
800T200-30 ¹								-	-	-	-							
800T250-30 ¹								-	-	-	-							
800T300-30 ¹								-	-	-	-							

Notes ¹ Where web height-to-thickness ratio exceeds 260 or flange width-to-thickness ratio exceeds 60, effective properties are not calculated.