

Expanding Your Solutions

Corporate Headquarters

www.cemcosteel.com

13191 Crossroads Pkwy N., Ste 325 City of Industry, CA 91746 Phone: 800.775.2362 Fax: 626.330.7598

Manufacturing Facilities

City of Industry, CA Denver, CO Ft. Worth, TX Pittsburg, CA

Structural Engineering/Design

1001-A Pittsburgh Antioch Hwy Pittsburg, CA 94565 Phone: 800.775.2362 Fax: 626.330.7598 www.cemcoengineering.com

Technical Services

13191 Crossroads Pkwy N., Ste 325 City of Industry, CA 91746 **Phone:** 800.416.2278 **Fax:** 626.249.5004

1000T250-43 "T" UN-PUNCHED TRACK (18 Ga. STRUCTURAL)

Geometric Properties

"T" tracks are fabricated in 43-mil thick galvanized steel in standard CP60 coating weight. CP90 is available upon special request, and may require up-charges and extended lead times.

Physical Properties

Model No.	Design Thickness (in)	Minimum Thickness (in)	Yield (ksi)	Coating ^{3,4}	Web Depth (in)	Leg Size (in)	
1000T250-43	0.0451	0.0428	33	CP60	10	2-1/2	

Notes:

- 1. Uncoated steel thickness. Thickness is for carbon sheet steel.
- 2. Minimum thickness represents 95% of the design thickness and is the minimum acceptable thickness.
- 3. Per ASTM C955 & A1003, Table 1.
- 4. CP90 available upon request. Will require extended lead time and upcharge

Color Code (painted on ends): 43-mil: Yellow

ASTM & Code Standards:

- ASTM A653/A653M, A924/A924M, A1003/1003, C955 & C1007
- ICC-ES & SFIA Code Compliance Certification Program
- ICC ESR-3016
- ATI CCRR-0224
- IBC: 2012, 2015, 2018
- CBC: 2013, 2016
- AISI: S100-07, S100-12, S100-16, S200-12, S240-15

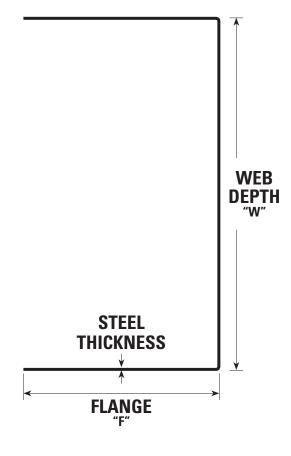
LEED v4 for Building and Design Construction

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
 Pre-Consumer: 14.4%

CSI Division: 05.40.00 – Cold-Formed Metal Framing



1000T250-43 Track Properties^{1,3}

Design Thickness (in.)	Fy (ksi)	Gross ²				Effective Properties				Torsional Properties							
		lx (in ⁴)	Sx (in³)	Rx (in)	ly (in ⁴)	Ry (in)	lx (in ⁴)	Sx (in³)	Ma (in-k)	Vag (lb)	Jx1000 (in ⁴)	Cw (in ⁶)	Xo (in)	m (in)	Ro (in)	ß	
(0.0451	33	9.515	1.873	3.751	0.344	0.713	7.283	0.876	17.32	822	0.458	6.477	-1.147	0.737	3.987	0.917

Notes: 1. Web-height to thickness ratio, h/t, exceeds 200. Web Stiffeners designed in accordance with AlSI are required at support points and concentrated Loads. 2. Gross properties are based on the full, unreduced cross-section. 3. Use the effective moment of inertia for deflection calculation.





