

Product Name: 10" Track 2-1/2" Legs
Description: 1000T250-43

Physical Properties

Web Depth (in)	10.00	Gauge	18
Leg Length (in)	2.500	Mils	43
Standard Coating	CP60	Design Thickness (in)	0.0451
Available Coating *	CP90	Minimum Thickness (in)	0.0428
Weight (lb/ft)	2.300	Yield Stress Fy (ksi)	33
		Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.676 in ²
Moment of Inertia (Ix)	9.515 in ⁴
Radius of Gyration (Rx)	3.752 in
Gross Moment of Inertia (Iy)	0.344 in ⁴
Gross Radius of Gyration (Ry)	0.713 in

Effective Section Properties

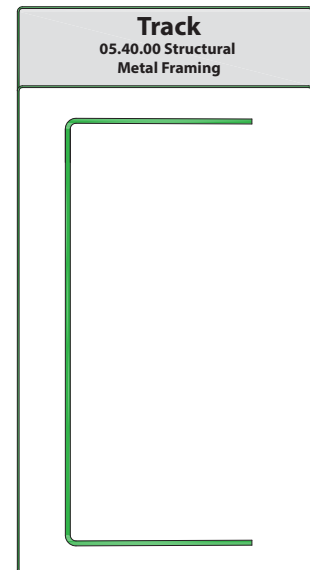
Moment of Inertia for Deflection (Ixe)	7.172 in ⁴
Section Modulus (Sxe)	0.376 in ³
Allowable Bending Moment (Ma)	17.320 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.458 in ⁴
Warping Constant (Cw)	6.477 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.147 in
Radii of Gyration (Ro)	3.987 in
Torsional Flexural Constant (Beta)	0.917

Web-depth to thickness ratio exceeds 200. Web Stiffeners are required at all support points and concentrated loads.

*By request



MANUFACTURING Codes & Standards

NASPEC AISI S100-07 IBC 2009 2012 Compliant
 Coated in accordance to ASTM A1003 & A653
 Meets or exceeds ASTM C955 & AISI S200
 Code Evaluation Report ICC-ESR #3957

GREEN Benefits & LEED Data:

LEED Credit MR 2 - Construction Waste Mgmt - 1-2 Points
 LEED Credit MR 4 - Recycled Credit - 1-2 Points
 LEED Credit MR 5 - Regional Materials - 1-2 Points
 CRACO products are 100% recyclable
 Contact Technical Services for more information