

**Product Name:** 8" Track 2" Legs  
**Description:** 800T200-33

### Physical Properties

Web Depth (in)	8.000	Gauge	20
Leg Length (in)	2.000	Mils	33
Standard Coating	CP60	Design Thickness (in)	0.0346
Available Coating *	CP90	Minimum Thickness (in)	0.0329
Weight (lb/ft)	1.410	Yield Stress Fy (ksi)	33
		Ultimate, Fu (ksi)	45

### Section Properties

Cross Sectional Area (A)	0.415 in <sup>2</sup>
Moment of Inertia (Ix)	3.75 in <sup>4</sup>
Radius of Gyration (Rx)	3.006 in
Gross Moment of Inertia (Iy)	0.135 in <sup>4</sup>
Gross Radius of Gyration (Ry)	0.571 in

### Effective Section Properties

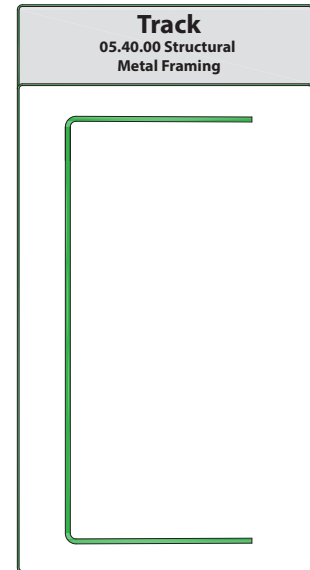
Moment of Inertia for Deflection (Ixe)	2.789 in <sup>4</sup>
Section Modulus (Sxe)	0.424 in <sup>3</sup>
Allowable Bending Moment (Ma)	8.37 in-k

### Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.166 in <sup>4</sup>
Warping Constant (Cw)	1.638 in <sup>6</sup>
Distance from Shear Center to Neutral Axis (Xo)	-0.917 in
Radii of Gyration (Ro)	3.194 in
Torsional Flexural Constant (Beta)	0.918

**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