

Product Category: 1000T200-33

Product Name: 10" Track

Physical Properties

Web Depth (in)	10.00	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)	2.150	Yield Stress Fy (ksi)	33
		Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.631 in ²
Moment of Inertia (Ix)	8.361 in ⁴
Radius of Gyration (Rx)	3.640 in
Gross Moment of Inertia (Iy)	0.183 in ⁴
Gross Radius of Gyration (Ry)	0.539 in

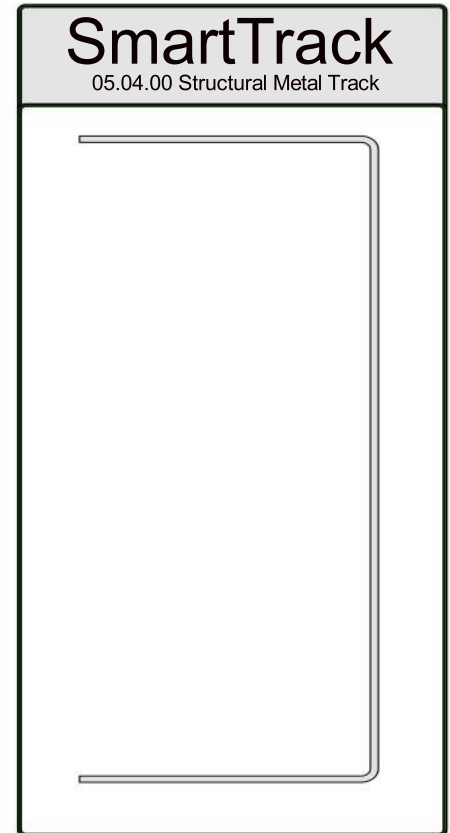
Effective Section Properties

Moment of Inertia for Deflection (Ixe)	6.722 in ⁴
Section Modulus (Sxe)	0.861 in ³
Allowable Bending Moment (Ma)	17.010 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.428 in ⁴
Warping Constant (Cw)	3.540 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-0.813 in
Radii of Gyration (Ro)	3.769 in
Torsional Flexural Constant (Beta)	0.953

*By request



MANUFACTURING Codes & Standards

- NASPEC AISI S10007 IBC 2009 2012 Compliant
- Coated in accordance to ASTM A1003 & A653
- Meets or exceeds ASTM C955
- For installation & storage, refer to ASTM C1007 & C754

GREEN Benefits & Recycled Content:

- 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
- Total Recycled Content: 34.9%
- Post Consumer Content: 24.3%
- Pre Consumer (Post Industrial) Content: 9.4%