PRODUCT SUBMITTAL SHEET

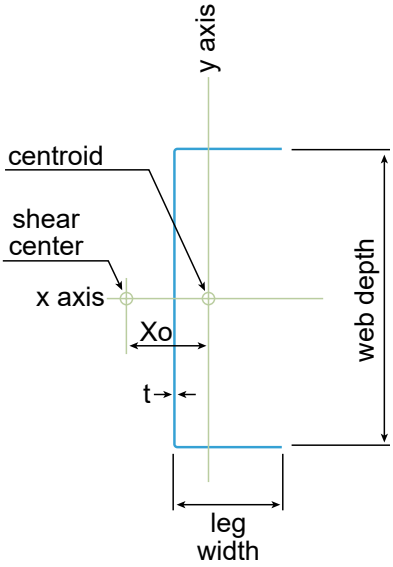
For more information or questions, please contact:
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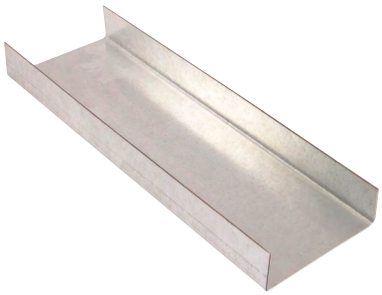
350T150-97 Track

Product Description: 3-1/2" Track 12GA (1-1/2" Leg, 97mil)

Coating: G60 (standard), G90 (special order)

Specification Section: 05.40.00 (Cold-Formed Metal Framing)





GEOMETRIC PROPERTIES			
Web Depth	3.50 in.	Yield Strength, Fy	50 ksi
Leg Width	1.50 in.	Design Thickness	0.1017 in.
		Min. Steel Thickness	0.0966 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	0.659
Weight (lb/ft)	Linear weight per foot	2.24
Ix (in^4)	Moment of inertia about the x-axis	1.423
Sx (in^3)	Section modulus about the x-axis	0.738
Rx (in)	Radius of gyration about the x-axis	1.469
Iy (in^4)	Moment of inertia about the y-axis	0.137
Ry (in)	Radius of gyration about the y-axis	0.456
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	1.423
Sx (in^3)	Effective section modulus (x-axis)	0.704
Ma (in-k)	Allowable bending moment-effective section modulus	21.08
Va_g (lb)	Allowable shear force in web	6383
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	2.2713
Cw (in^6)	Warping constant	0.346
Xo (in)	Distance from shear center to centroid	-0.831
m (in)	Distance from shear center to mid-plane of web	0.506
Ro (in)	Polar radius of gyration	1.749
Beta	Torsional Flexural Constant	0.774

Codes & Standards:

- **Structural Members**
  - ASTM C955
  - AISI S240
  - Installed per ASTM C1007
- **Material Standards**
  - ASTM A1003/A1003M
  - ASTM A653/A653M
- **Design Standards**
  - AISI S100-16 (2020) w/S2-20
- **Building Codes**
  - International Building Code (IBC) 2006–2024

- **Sustainability & Compliance:**
  - SFIA Quality Certified Manufacturing
  - Industry-Wide EPD Participant
  - HPD Documentation Available Upon Request
  - LEED Documentation Available Upon Request
  - Buy America / Build America (BABA) Documentation Available Upon Request
  - Manufactured in USA

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