PRODUCT SUBMITTAL SHEET

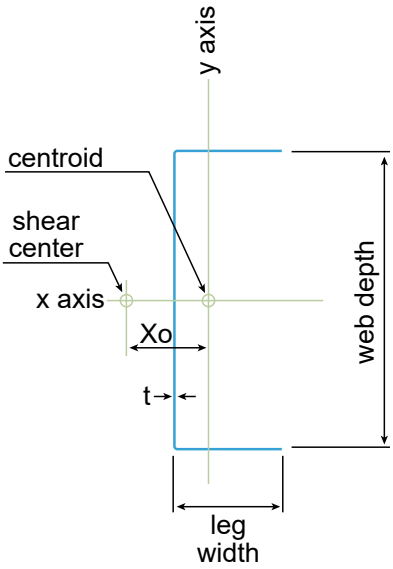
For more information or questions, please contact:
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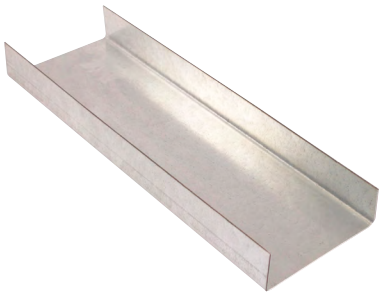
350T125-54 Track

Product Description: 3-1/2” Track 16GA (1-1/4” Leg, 54mil)

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

Specification Section: 05.40.00 (Cold-Formed Metal Framing)





GEOMETRIC PROPERTIES			
Web Depth	3.5 in.	Yield Strength, Fy	50 ksi
Leg Width	1.25 in.	Design Thickness	0.0566 in.
		Min. Steel Thickness	0.0538 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	0.339
Weight (lb/ft)	Linear weight per foot	1.15
Ix (in^4)	Moment of inertia about the x-axis	0.668
Sx (in^3)	Section modulus about the x-axis	0.361
Rx (in)	Radius of gyration about the x-axis	1.404
Iy (in^4)	Moment of inertia about the y-axis	0.048
Ry (in)	Radius of gyration about the y-axis	0.375
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	0.627
Sx (in^3)	Effective section modulus (x-axis)	0.298
Ma (in-k)	Allowable bending moment-effective section modulus	8.92
Va_g (lb)	Allowable shear force in web	3372
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.3619
Cw (in^6)	Warping constant	0.114
Xo (in)	Distance from shear center to centroid	-0.658
m (in)	Distance from shear center to mid-plane of web	0.408
Ro (in)	Polar radius of gyration	1.595
Beta	Torsional Flexural Constant	0.830

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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