PRODUCT SUBMITTAL SHEET

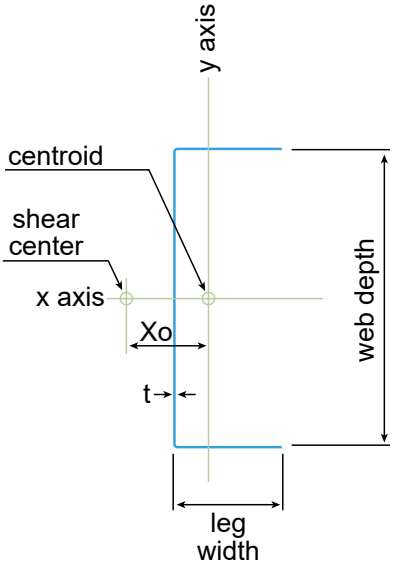
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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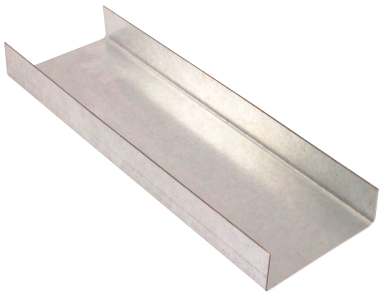
1400T125-118 Track

Product Description: 14” Track 10GA (1-1/4” Leg, 118mil)

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

Specification Section: 05.40.00 (Cold-Formed Metal Framing)





GEOMETRIC PROPERTIES			
Web Depth	14 in.	Yield Strength, Fy	50 ksi
Leg Width	1.25 in.	Design Thickness	0.1242 in.
		Min. Steel Thickness	0.1180 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	2.046
Weight (lb/ft)	Linear weight per foot	6.96
Ix (in^4)	Moment of inertia about the x-axis	44.090
Sx (in^3)	Section modulus about the x-axis	6.109
Rx (in)	Radius of gyration about the x-axis	4.642
Iy (in^4)	Moment of inertia about the y-axis	0.124
Ry (in)	Radius of gyration about the y-axis	0.246
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	43.751
Sx (in^3)	Effective section modulus (x-axis)	5.455
Ma (in-k)	Allowable bending moment-effective section modulus	163.32
Va_g (lb)	Allowable shear force in web	12342
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	10.5201
Cw (in^6)	Warping constant	5.334
Xo (in)	Distance from shear center to centroid	-0.284
m (in)	Distance from shear center to mid-plane of web	0.197
Ro (in)	Polar radius of gyration	4.657
Beta	Torsional Flexural Constant	0.996

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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