PRODUCT SUBMITTAL SHEET

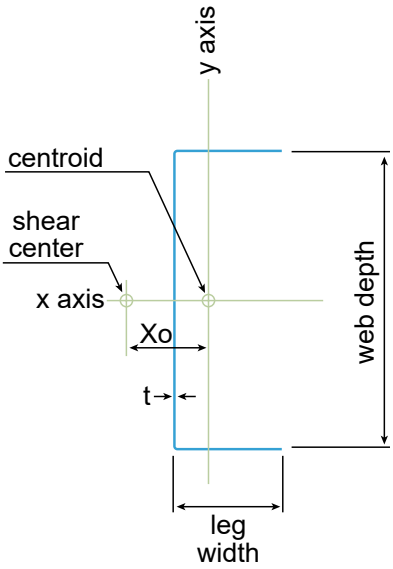
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

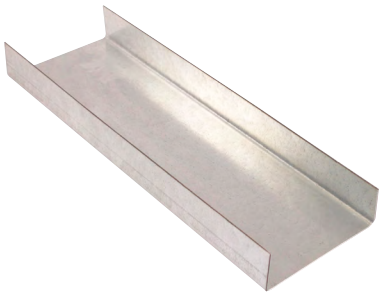
1400T125-68 Track

Product Description: 14” Track 14GA (1-1/4” Leg, 68mil)

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	0.0713 in.
		Min. Steel Thickness	0.0677 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	1.175
Weight (lb/ft)	Linear weight per foot	4.00
Ix (in^4)	Moment of inertia about the x-axis	25.208
Sx (in^3)	Section modulus about the x-axis	3.538
Rx (in)	Radius of gyration about the x-axis	4.631
Iy (in^4)	Moment of inertia about the y-axis	0.076
Ry (in)	Radius of gyration about the y-axis	0.254
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	22.618
Sx (in^3)	Effective section modulus (x-axis)	2.294
Ma (in-k)	Allowable bending moment-effective section modulus	68.69
Va_g (lb)	Allowable shear force in web	2322
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	1.9917
Cw (in^6)	Warping constant	3.189
Xo (in)	Distance from shear center to centroid	-0.296
m (in)	Distance from shear center to mid-plane of web	0.206
Ro (in)	Polar radius of gyration	4.648
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

NEW HAMPSHIRE | NEW JERSEY | MISSISSIPPI
Stronger **Together.**