PRODUCT SUBMITTAL SHEET

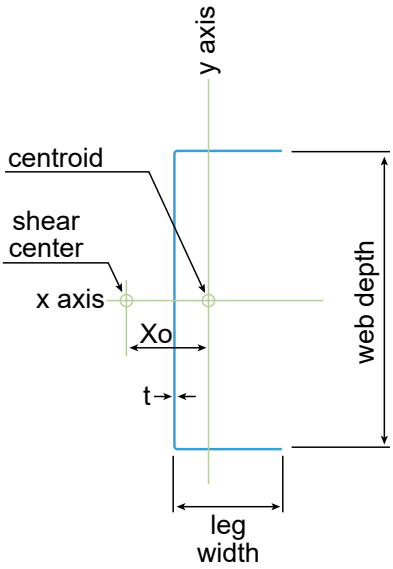
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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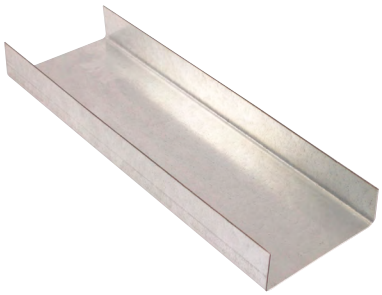
1400T125-97 Track

Product Description: 14” Track 12GA (1-1/4” Leg, 97mil)

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	0.1017 in.
		Min. Steel Thickness	0.0966 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	1.676
Weight (lb/ft)	Linear weight per foot	5.70
Ix (in^4)	Moment of inertia about the x-axis	36.043
Sx (in^3)	Section modulus about the x-axis	5.021
Rx (in)	Radius of gyration about the x-axis	4.638
Iy (in^4)	Moment of inertia about the y-axis	0.104
Ry (in)	Radius of gyration about the y-axis	0.249
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	34.586
Sx (in^3)	Effective section modulus (x-axis)	4.135
Ma (in-k)	Allowable bending moment-effective section modulus	123.81
Va_g (lb)	Allowable shear force in web	6759
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	5.7776
Cw (in^6)	Warping constant	4.444
Xo (in)	Distance from shear center to centroid	-0.289
m (in)	Distance from shear center to mid-plane of web	0.201
Ro (in)	Polar radius of gyration	4.653
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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