PRODUCT SUBMITTAL SHEET

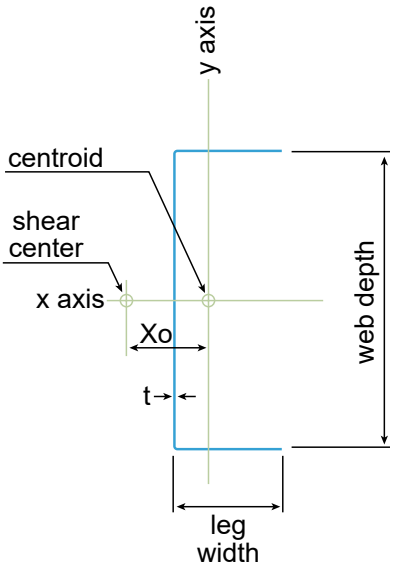
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

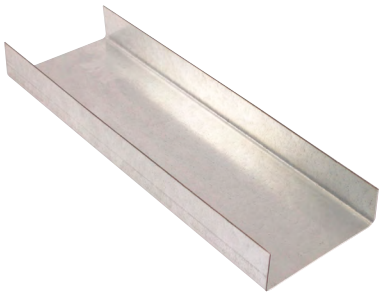
1600T125-97 Track

Product Description: 16” 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	16 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	1.879
Weight (lb/ft)	Linear weight per foot	6.39
Ix (in^4)	Moment of inertia about the x-axis	51.349
Sx (in^3)	Section modulus about the x-axis	6.279
Rx (in)	Radius of gyration about the x-axis	5.227
Iy (in^4)	Moment of inertia about the y-axis	0.105
Ry (in)	Radius of gyration about the y-axis	0.237
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	47.826
Sx (in^3)	Effective section modulus (x-axis)	4.826
Ma (in-k)	Allowable bending moment-effective section modulus	144.50
Va_g (lb)	Allowable shear force in web	5906
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	6.4788
Cw (in^6)	Warping constant	5.945
Xo (in)	Distance from shear center to centroid	-0.262
m (in)	Distance from shear center to mid-plane of web	0.184
Ro (in)	Polar radius of gyration	5.239
Beta	Torsional Flexural Constant	0.997

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.**