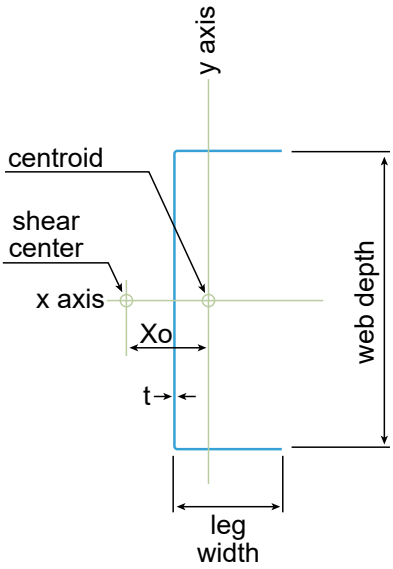
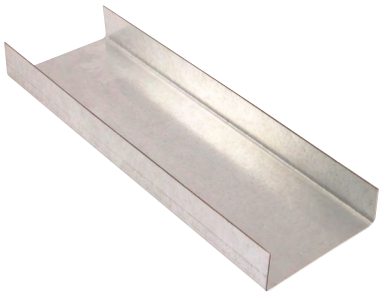
PRODUCT SUBMITTAL SHEET

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

1600T125-118 Track

Product Description: 16” 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	16 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	2.294
Weight (lb/ft)	Linear weight per foot	7.81
Ix (in^4)	Moment of inertia about the x-axis	62.789
Sx (in^3)	Section modulus about the x-axis	7.641
Rx (in)	Radius of gyration about the x-axis	5.231
Iy (in^4)	Moment of inertia about the y-axis	0.125
Ry (in)	Radius of gyration about the y-axis	0.234
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	60.926
Sx (in^3)	Effective section modulus (x-axis)	6.422
Ma (in-k)	Allowable bending moment-effective section modulus	192.27
Va_g (lb)	Allowable shear force in web	10781
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	11.7973
Cw (in^6)	Warping constant	7.126
Xo (in)	Distance from shear center to centroid	-0.257
m (in)	Distance from shear center to mid-plane of web	0.181
Ro (in)	Polar radius of gyration	5.243
Beta	Torsional Flexural Constant	0.998

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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