PRODUCT SUBMITTAL SHEET

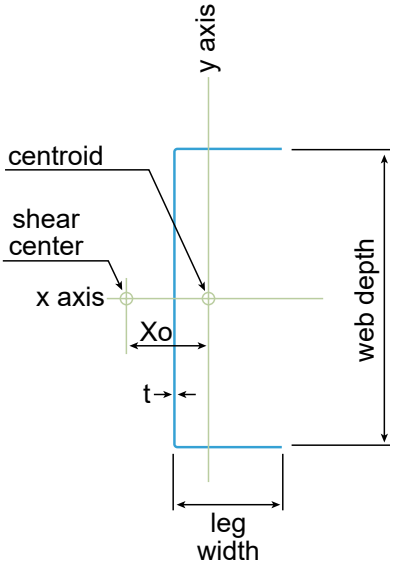
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

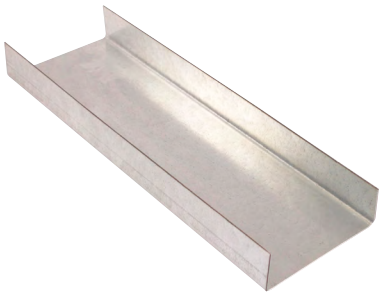
550T125-97 Track

Product Description: 5-1/2" 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	5.5 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	0.811
Weight (lb/ft)	Linear weight per foot	2.76
Ix (in^4)	Moment of inertia about the x-axis	3.484
Sx (in^3)	Section modulus about the x-axis	1.190
Rx (in)	Radius of gyration about the x-axis	2.072
Iy (in^4)	Moment of inertia about the y-axis	0.090
Ry (in)	Radius of gyration about the y-axis	0.334
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	3.485
Sx (in^3)	Effective section modulus (x-axis)	1.190
Ma (in-k)	Allowable bending moment-effective section modulus	39.31
Va_g (lb)	Allowable shear force in web	10197
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	2.7973
Cw (in^6)	Warping constant	0.564
Xo (in)	Distance from shear center to centroid	-0.514
m (in)	Distance from shear center to mid-plane of web	0.333
Ro (in)	Polar radius of gyration	2.161
Beta	Torsional Flexural Constant	0.943

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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