PRODUCT SUBMITTAL SHEET

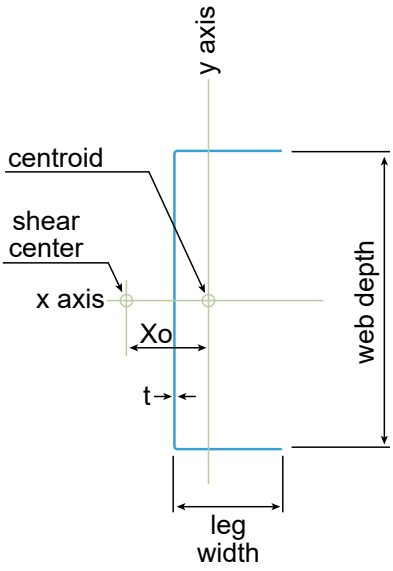
For more information or questions, please contact:
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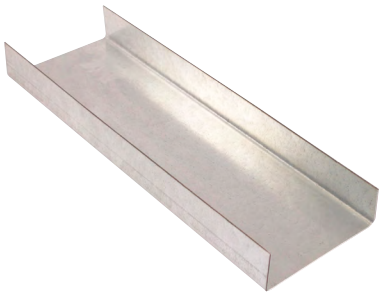
1200T125-97 Track

Product Description: 12” 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	12 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	1.472
Weight (lb/ft)	Linear weight per foot	5.01
Ix (in^4)	Moment of inertia about the x-axis	24.090
Sx (in^3)	Section modulus about the x-axis	3.899
Rx (in)	Radius of gyration about the x-axis	4.045
Iy (in^4)	Moment of inertia about the y-axis	0.102
Ry (in)	Radius of gyration about the y-axis	0.264
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	23.751
Sx (in^3)	Effective section modulus (x-axis)	3.443
Ma (in-k)	Allowable bending moment-effective section modulus	103.09
Va_g (lb)	Allowable shear force in web	7901
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	5.0763
Cw (in^6)	Warping constant	3.171
Xo (in)	Distance from shear center to centroid	-0.322
m (in)	Distance from shear center to mid-plane of web	0.222
Ro (in)	Polar radius of gyration	4.066
Beta	Torsional Flexural Constant	0.994

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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