PRODUCT SUBMITTAL SHEET

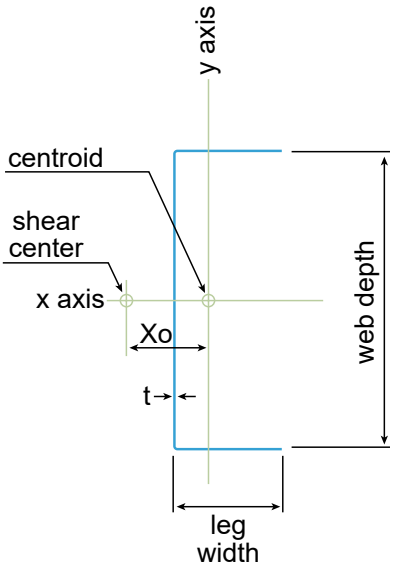
For more information or questions, please contact:
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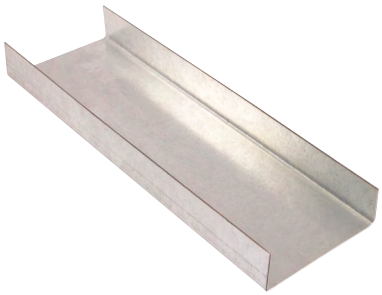
1200T125-68 Track

Product Description: 12” Track 14GA (1-1/4” Leg, 68mil)

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	0.0713 in.
		Min. Steel Thickness	0.0677 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	1.033
Weight (lb/ft)	Linear weight per foot	3.51
Ix (in^4)	Moment of inertia about the x-axis	16.834
Sx (in^3)	Section modulus about the x-axis	2.749
Rx (in)	Radius of gyration about the x-axis	4.037
Iy (in^4)	Moment of inertia about the y-axis	0.074
Ry (in)	Radius of gyration about the y-axis	0.268
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	15.688
Sx (in^3)	Effective section modulus (x-axis)	1.935
Ma (in-k)	Allowable bending moment-effective section modulus	57.95
Va_g (lb)	Allowable shear force in web	2712
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	1.7501
Cw (in^6)	Warping constant	2.270
Xo (in)	Distance from shear center to centroid	-0.329
m (in)	Distance from shear center to mid-plane of web	0.227
Ro (in)	Polar radius of gyration	4.060
Beta	Torsional Flexural Constant	0.993

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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