PRODUCT SUBMITTAL SHEET

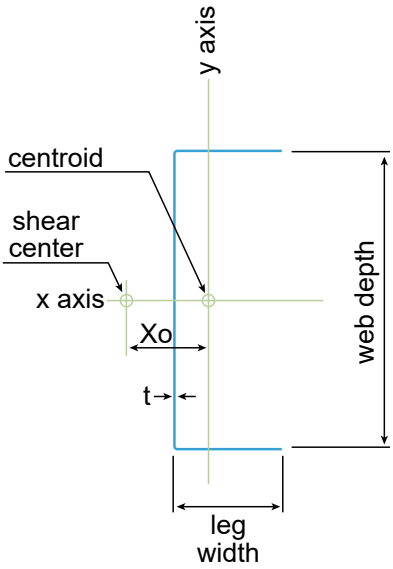
For more information or questions, please contact:
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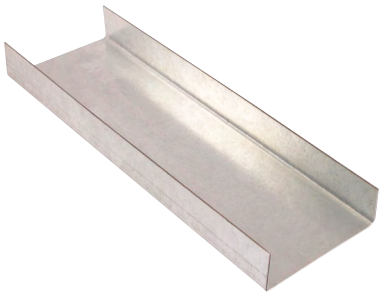
550T125-68 Track

Product Description: 5-1/2" 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	5.5 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	0.569
Weight (lb/ft)	Linear weight per foot	1.94
Ix (in^4)	Moment of inertia about the x-axis	2.413
Sx (in^3)	Section modulus about the x-axis	0.839
Rx (in)	Radius of gyration about the x-axis	2.059
Iy (in^4)	Moment of inertia about the y-axis	0.066
Ry (in)	Radius of gyration about the y-axis	0.340
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	2.382
Sx (in^3)	Effective section modulus (x-axis)	0.770
Ma (in-k)	Allowable bending moment-effective section modulus	23.06
Va_g (lb)	Allowable shear force in web	5352
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.9647
Cw (in^6)	Warping constant	0.397
Xo (in)	Distance from shear center to centroid	-0.526
m (in)	Distance from shear center to mid-plane of web	0.341
Ro (in)	Polar radius of gyration	2.152
Beta	Torsional Flexural Constant	0.940

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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