PRODUCT SUBMITTAL SHEET

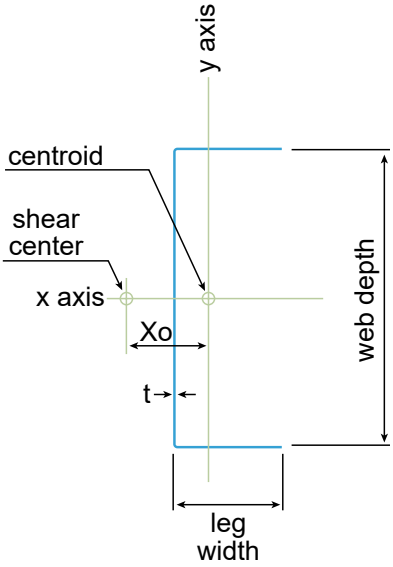
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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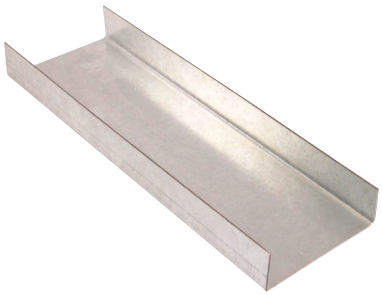
362T125-97 Track

Product Description: 3-5/8" 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	3.625 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	0.621
Weight (lb/ft)	Linear weight per foot	2.11
Ix (in^4)	Moment of inertia about the x-axis	1.344
Sx (in^3)	Section modulus about the x-axis	0.675
Rx (in)	Radius of gyration about the x-axis	1.471
Iy (in^4)	Moment of inertia about the y-axis	0.082
Ry (in)	Radius of gyration about the y-axis	0.364
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	1.344
Sx (in^3)	Effective section modulus (x-axis)	0.675
Ma (in-k)	Allowable bending moment-effective section modulus	22.49
Va_g (lb)	Allowable shear force in web	6622
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	2.1398
Cw (in^6)	Warping constant	0.226
Xo (in)	Distance from shear center to centroid	-0.626
m (in)	Distance from shear center to mid-plane of web	0.390
Ro (in)	Polar radius of gyration	1.640
Beta	Torsional Flexural Constant	0.854

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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