PRODUCT SUBMITTAL SHEET

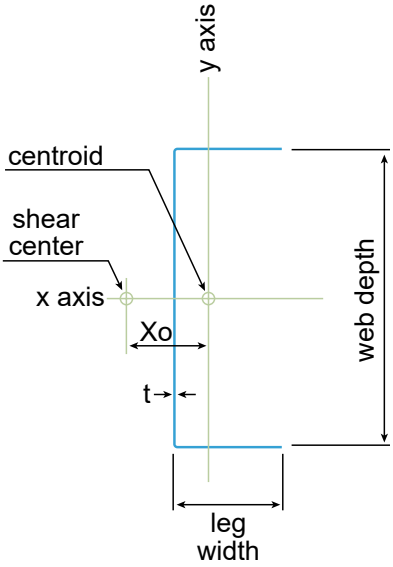
For more information or questions, please contact:
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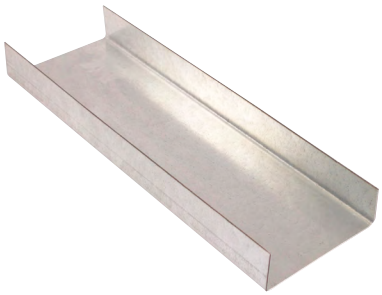
362T250-33 Track

Product Description: 3-5/8" Track STR 20GA (2-1/2" Leg, 33mil)

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	33 ksi
Leg Width	2.50 in.	Design Thickness	0.0346 in.
		Min. Steel Thickness	0.0329 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	0.298
Weight (lb/ft)	Linear weight per foot	1.014
Ix (in^4)	Moment of inertia about the x-axis	0.740
Sx (in^3)	Section modulus about the x-axis	0.392
Rx (in)	Radius of gyration about the x-axis	1.575
Iy (in^4)	Moment of inertia about the y-axis	0.200
Ry (in)	Radius of gyration about the y-axis	0.819
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	0.469
Sx (in^3)	Effective section modulus (x-axis)	0.197
Ma (in-k)	Allowable bending moment-effective section modulus	3.264
Va_g (lb)	Allowable shear force in web	1024
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.119
Cw (in^6)	Warping constant	0.482
Xo (in)	Distance from shear center to centroid	1.719
m (in)	Distance from shear center to mid-plane of web	-
Ro (in)	Polar radius of gyration	2.471
Beta	Torsional Flexural Constant	0.516

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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