PRODUCT SUBMITTAL SHEET

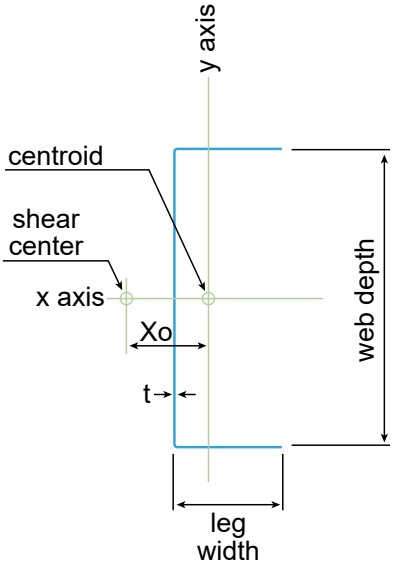
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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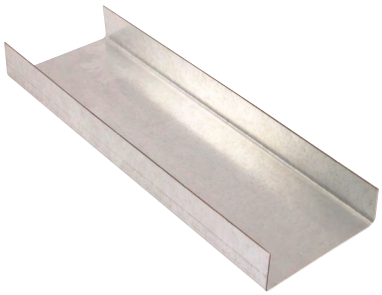
362T250-43 Track

Product Description: 3-5/8" Track 18GA (2-1/2" Leg, 43mil)

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	0.0451 in.
		Min. Steel Thickness	0.0428 in.

GROSS PROPERTIES		
Area (in2)	Total cross-sectional steel area	0.389
Weight (lb/ft)	Linear weight per foot	1.32
Ix (in^4)	Moment of inertia about the x-axis	0.966
Sx (in^3)	Section modulus about the x-axis	0.510
Rx (in)	Radius of gyration about the x-axis	1.577
Iy (in^4)	Moment of inertia about the y-axis	0.260
Ry (in)	Radius of gyration about the y-axis	0.818
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	0.713
Sx (in^3)	Effective section modulus (x-axis)	0.282
Ma (in-k)	Allowable bending moment-effective section modulus	5.56
Va_g (lb)	Allowable shear force in web	1739
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.263
Cw (in^6)	Warping constant	0.641
Xo (in)	Distance from shear center to centroid	-1.702
m (in)	Distance from shear center to mid-plane of web	0.990
Ro (in)	Polar radius of gyration	2.460
Beta	Torsional Flexural Constant	0.521

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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