PRODUCT SUBMITTAL SHEET

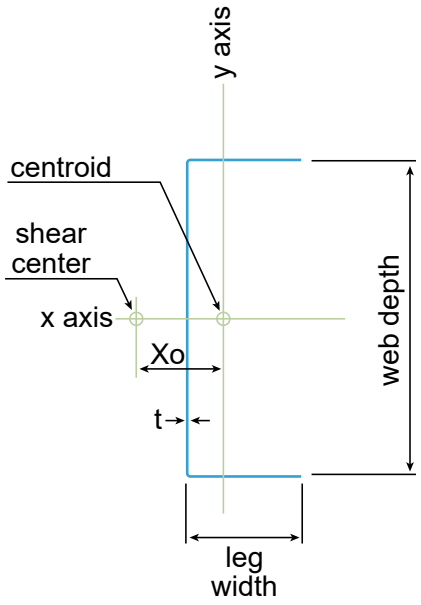
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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162T125-30 Track

Product Description: 1-5/8" Track DW 20GA (1-1/4" Leg, 30mil)

Coating: G40 (standard), G60 (Available)

Specification Section: 09.22.16 (Non-Structural Metal Framing)



GEOMETRIC PROPERTIES			
Web Depth	1.625 in.	Yield Strength, Fy	33 ksi
Leg Width	1.25 in.	Design Thickness	0.0312 in.
		Min. Steel Thickness	0.0296 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.129
Weight (lb/ft)	Linear weight per foot	0.44
Ix (in^4)	Moment of inertia about the x-axis	0.070
Sx (in^3)	Section modulus about the x-axis	0.079
Rx (in)	Radius of gyration about the x-axis	0.735
Iy (in^4)	Moment of inertia about the y-axis	0.022
Ry (in)	Radius of gyration about the y-axis	0.409
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	0.058
Sx (in^3)	Effective section modulus (x-axis)	0.051
Ma (in-k)	Allowable bending moment-effective section modulus	1.00
Va_g (lb)	Allowable shear force in web	597
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0417
Cw (in^6)	Warping constant	0.012
Xo (in)	Distance from shear center to centroid	-0.870
m (in)	Distance from shear center to mid-plane of web	0.500
Ro (in)	Polar radius of gyration	1.210
Beta	Torsional Flexural Constant	0.483

Codes & Standards:

- **Nonstructural Members**
  - AISI S220
  - ASTM C645
  - ASTM C754
- **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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