PRODUCT SUBMITTAL SHEET

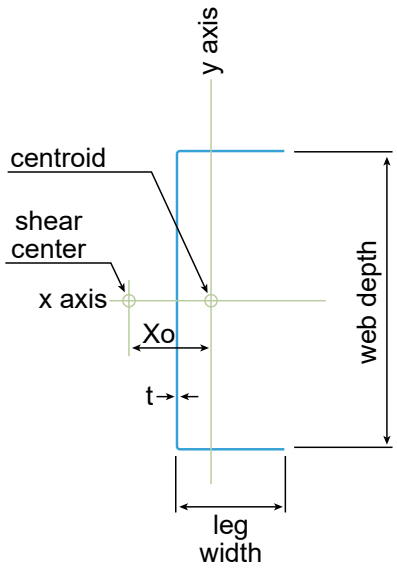
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

162T125-18 Track

Product Line: 162EDT125-18- The Edge™ EQ 20GA (18 mil)

Coating: G40 (standard), G60 (Available)

Specification Section: 09.22.16 (Non-Structural Metal Framing)



GEOMETRIC PROPERTIES			
Web Depth	1.625 in.	Yield Strength, Fy	55 ksi
Leg Width	1.25 in.	Design Thickness	0.0188 in.
		Min. Steel Thickness	0.0179 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.0784
Weight (lb/ft)	Linear weight per foot	0.267
Ix (in^4)	Moment of inertia about the x-axis	0.0422
Sx (in^3)	Section modulus about the x-axis	0.0484
Rx (in)	Radius of gyration about the x-axis	0.734
Iy (in^4)	Moment of inertia about the y-axis	0.0133
Ry (in)	Radius of gyration about the y-axis	0.4111
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0295
Ixe (in^3)	Effective moment of inertia (x-axis)	0.0262
Sxe (in^3)	Effective section modulus (x-axis)	0.0236
Ma (in-k)	Allowable moment capacity	0.4725
Vy (lb)	Allowable shear force in web	333
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0092
Cw (in^6)	Warping constant	0.0068
Xo (in)	Distance from shear center to centroid	0.8780
Ro (in)	Polar radius of gyration	1.2158
Beta	Torsional Flexural Constant	0.4785



Codes & Standards:

- **Fire Testing**
  - Tested in accordance with ASTM E119; ANSI/UL 263
  - UL Designs: U419, V438, V489, V498, W433, W440
- **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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