PRODUCT SUBMITTAL SHEET

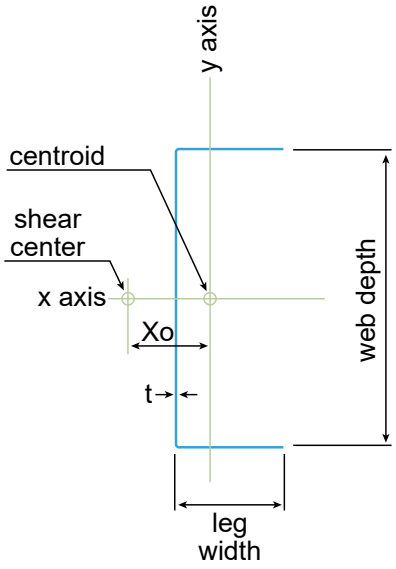
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

250T125-18 Track

Product Line: 250EDT125-18- The Edge™ EQ 20GA (18 mil)

Coating: G40 (standard), G60 (Available)

Specification Section: 09.22.16 (Non-Structural Metal Framing)



GEOMETRIC PROPERTIES			
Web Depth	2.5 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	0.0949
Weight (lb/ft)	Linear weight per foot	0.323
Ix (in^4)	Moment of inertia about the x-axis	0.1051
Sx (in^3)	Section modulus about the x-axis	0.0803
Rx (in)	Radius of gyration about the x-axis	1.053
Iy (in^4)	Moment of inertia about the y-axis	0.0151
Ry (in)	Radius of gyration about the y-axis	0.3990
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0304
Ixe (in^3)	Effective moment of inertia (x-axis)	0.0633
Sxe (in^3)	Effective section modulus (x-axis)	0.0375
Ma (in-k)	Allowable moment capacity	0.7491
Vy (lb)	Allowable shear force in web	235
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0112
Cw (in^6)	Warping constant	0.0177
Xo (in)	Distance from shear center to centroid	0.7694
Ro (in)	Polar radius of gyration	1.3637
Beta	Torsional Flexural Constant	0.6817



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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