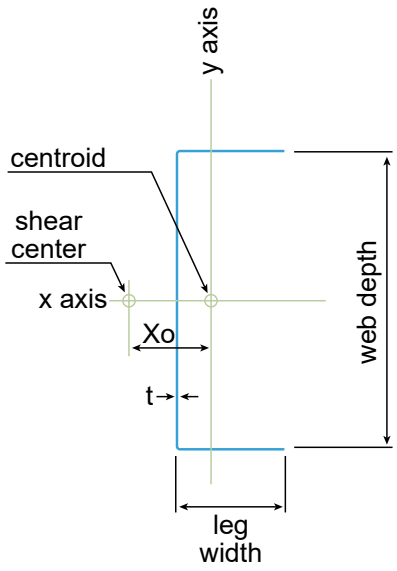
PRODUCT SUBMITTAL SHEET

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

250T125-15 Track

Product Line: 250EDT125-15- The Edge™ EQ 25GA (15 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	50 ksi
Leg Width	1.25 in.	Design Thickness	0.0153 in.
		Min. Steel Thickness	0.0145 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.0773
Weight (lb/ft)	Linear weight per foot	0.263
Ix (in^4)	Moment of inertia about the x-axis	0.0860
Sx (in^3)	Section modulus about the x-axis	0.0657
Rx (in)	Radius of gyration about the x-axis	1.054
Iy (in^4)	Moment of inertia about the y-axis	0.0123
Ry (in)	Radius of gyration about the y-axis	0.3996
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0207
Ixe (in^3)	Effective moment of inertia (x-axis)	0.0452
Sxe (in^3)	Effective section modulus (x-axis)	0.0251
Ma (in-k)	Allowable moment capacity	0.5026
Vy (lb)	Allowable shear force in web	126
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0060
Cw (in^6)	Warping constant	0.0145
Xo (in)	Distance from shear center to centroid	0.7702
Ro (in)	Polar radius of gyration	1.3655
Beta	Torsional Flexural Constant	0.6819



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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