PRODUCT SUBMITTAL SHEET

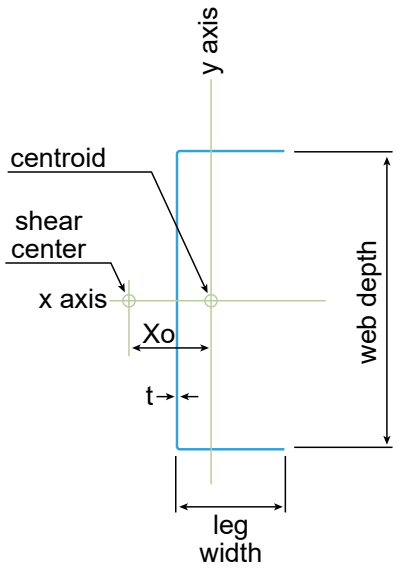
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

362T125-18 Track

Product Line: 362EDT125-18- The Edge™ EQ 20GA (18 mil)

Coating: G40 (standard), G60 (Available)

Specification Section: 09.22.16 (Non-Structural Metal Framing)



GEOMETRIC PROPERTIES			
Web Depth	3.625 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	0.1160
Weight (lb/ft)	Linear weight per foot	0.394
Ix (in^4)	Moment of inertia about the x-axis	0.2403
Sx (in^3)	Section modulus about the x-axis	0.1284
Rx (in)	Radius of gyration about the x-axis	1.439
Iy (in^4)	Moment of inertia about the y-axis	0.0167
Ry (in)	Radius of gyration about the y-axis	0.3796
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0308
Ixe (in^3)	Effective moment of inertia (x-axis)	0.1351
Sxe (in^3)	Effective section modulus (x-axis)	0.0539
Ma (in-k)	Allowable moment capacity	1.0781
Vy (lb)	Allowable shear force in web	162
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0137
Cw (in^6)	Warping constant	0.0411
Xo (in)	Distance from shear center to centroid	0.6666
Ro (in)	Polar radius of gyration	1.6310
Beta	Torsional Flexural Constant	0.8330



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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