PRODUCT SUBMITTAL SHEET

For more information or questions, please contact:
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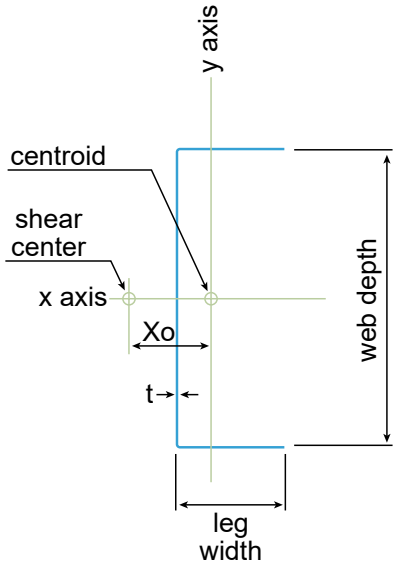
250T125-18 Track

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

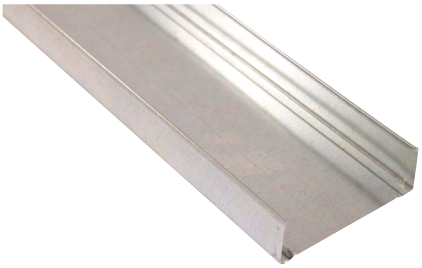
Coating: G40 (standard), G60 (special order)

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 AND STANDARDS:

Super Stud/EB Metal US products comply with the applicable provisions of the following:

- International Building Code (IBC): 2006–2024
- AISI S100-16 (2020) w/S2-20
- Sheet Steel: ASTM A1003/A1003M; ASTM A653/A653M
- Galvanized Coating: ASTM A653/A653M

Structural Members:

- ASTM C955; AISI S240
- Installed per ASTM C1007

Additional Standards:

- AISI S201; AISI S202

3rd Party Certification

For LEED Letter requests please submit through:
www.buysuperstud.com or www.ebmetal.us

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