PRODUCT SUBMITTAL SHEET

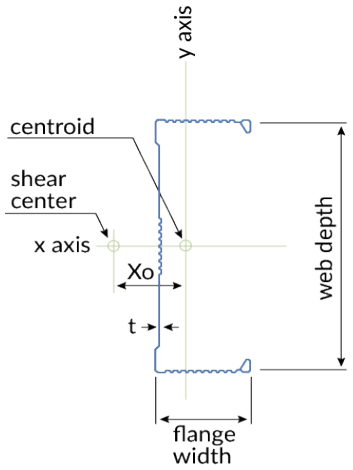
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

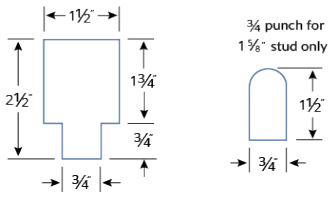
250S125-15 (Standard Punch)

Product Line: 250EDS125-15- The Edge™ EQ 25GA (15 mil)
Coating: G40 (standard), G60 (Available)
Specification Section: 09.22.16 (Non-Structural Metal Framing)

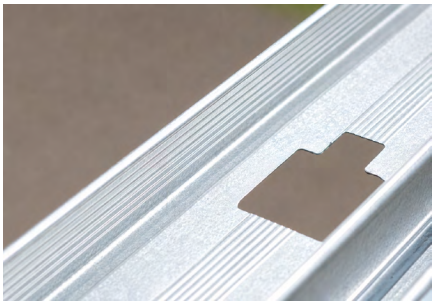
GEOMETRIC PROPERTIES			
Web Depth	2.5 in.	Yield Strength, Fy	50 ksi
Flange Width	1.25 in.	Design Thickness	0.0153 in.
Lip Length	.188 in.	Min. Steel Thickness	0.0145 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.0822
Weight (lb/ft)	Linear weight per foot	0.279
Ix (in^4)	Moment of inertia about the x-axis	0.0865
Sx (in^3)	Section modulus about the x-axis	0.0692
Rx (in)	Radius of gyration about the x-axis	1.026
Iy (in^4)	Moment of inertia about the y-axis	0.0167
Ry (in)	Radius of gyration about the y-axis	0.4509
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0430
Ixe (in^3)	Effective moment of inertia (x-axis)	0.0674
Sxe (in^3)	Effective section modulus (x-axis)	0.0464
Ma (in-k)	Allowable moment capacity	1.1609
Vy (lb)	Allowable shear force in web	177
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0062
Cw (in^6)	Warping constant	0.0205
Xo (in)	Distance from shear center to centroid	0.9268
Ro (in)	Polar radius of gyration	1.4544
Beta	Torsional Flexural Constant	0.5939





Non-structural punchout first punchout is centered 12" from beginning of member; subsequent punchouts are 24" on center (o.c.). Center of last punchout is no less than 12" from end of member.



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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