PRODUCT SUBMITTAL SHEET

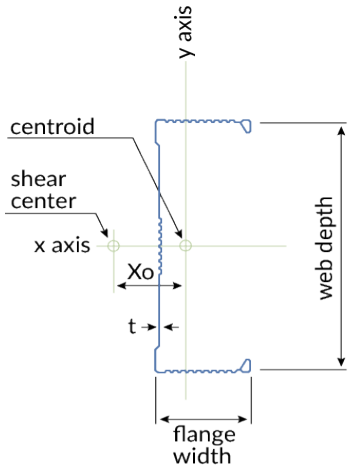
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

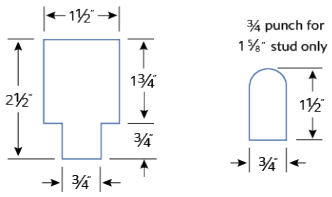
362S125-18 (Standard Punch)

Product Line: 362EDS125-18- The Edge™ EQ 20GA (18 mil)
Coating: G40 (standard), G60 (Available)
Specification Section: 09.22.16 (Non-Structural Metal Framing)

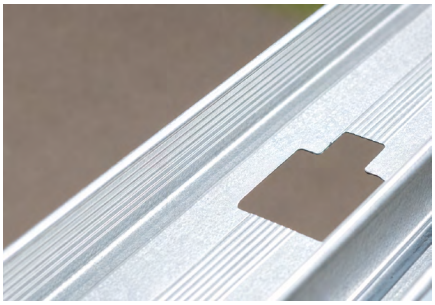
GEOMETRIC PROPERTIES			
Web Depth	3.625 in.	Yield Strength, Fy	55 ksi
Flange Width	1.25 in.	Design Thickness	0.0188 in.
Lip Length	.188 in.	Min. Steel Thickness	0.0179 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.1232
Weight (lb/ft)	Linear weight per foot	0.419
Ix (in^4)	Moment of inertia about the x-axis	0.2504
Sx (in^3)	Section modulus about the x-axis	0.1381
Rx (in)	Radius of gyration about the x-axis	1.426
Iy (in^4)	Moment of inertia about the y-axis	0.0226
Ry (in)	Radius of gyration about the y-axis	0.4286
EFFECTIVE PROPERTIES		
Area (in^2)	Effective area	0.0618
Ixe (in^3)	Effective moment of inertia (x-axis)	0.2057
Sxe (in^3)	Effective section modulus (x-axis)	0.0987
Ma (in-k)	Allowable moment capacity	3.2521
Vy (lb)	Allowable shear force in web	352
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.0145
Cw (in^6)	Warping constant	0.0565
Xo (in)	Distance from shear center to centroid	0.7912
Ro (in)	Polar radius of gyration	1.6859
Beta	Torsional Flexural Constant	0.7798





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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