PRODUCT SUBMITTAL SHEET

For more information or questions, please contact:
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362S162-68 (Standard Punch)

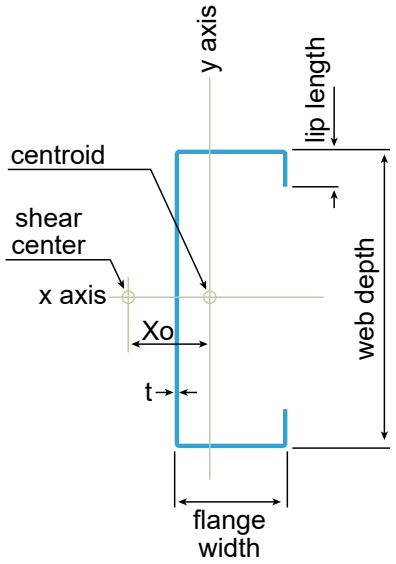
Product Description: 3-5/8" Stud 14GA (1-5/8" Flange, 68 mil)

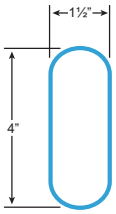
Coating: G60 (standard), G90 (Available)

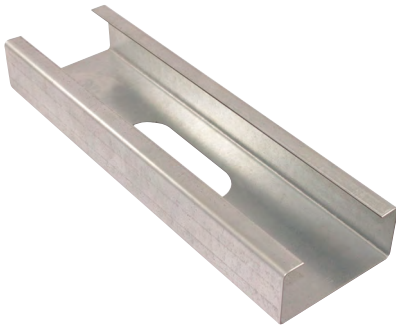
Specification Section: 05.40.00 (Cold-Formed Metal Framing)

GEOMETRIC PROPERTIES			
Web Depth	3.625 in.	Yield Strength, Fy	50 ksi
Flange Width	1.625 in.	Design Thickness	0.0713 in.
Lip Length	0.500 in.	Min. Steel Thickness	0.0677 in.

GROSS PROPERTIES		
Area (in^2)	Total cross-sectional steel area	0.524
Weight (lb/ft)	Linear weight per foot	1.78
Ix (in^4)	Moment of inertia about the x-axis	1.069
Sx (in^3)	Section modulus about the x-axis	0.590
Rx (in)	Radius of gyration about the x-axis	1.429
Iy (in^4)	Moment of inertia about the y-axis	0.186
Ry (in)	Radius of gyration about the y-axis	0.596
EFFECTIVE PROPERTIES		
Ix (in^3)	Effective moment of inertia (x-axis)	1.069
Sx (in^3)	Effective section modulus (x-axis)	0.579
Ma (in-k)	Allowable bending moment-effective section modulus	19.16
Mad (in-k)	Allowable bending moment-distortional bucking	18.24
Va_g (lb)	Allowable shear force in web	4370
Va_{net} (lb)	Allowable strong axis sheer at punchout	1004
TORSIONAL PROPERTIES		
J x 1000 (in^4)	St. Venant torsional constant	0.887
Cw (in^6)	Warping constant	0.552
Xo (in)	Distance from shear center to centroid	-1.264
m (in)	Distance from shear center to mid-plane of web	0.765
Ro (in)	Polar radius of gyration	1.999
Beta	Torsional Flexural Constant	0.600







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:

- **Structural Members**
  - ASTM C955
  - AISI S240
  - Installed per ASTM C1007
- **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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