PRODUCT SUBMITTAL SHEET

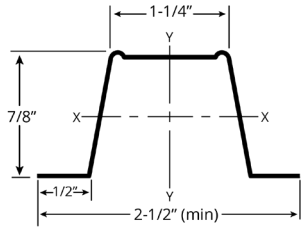
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

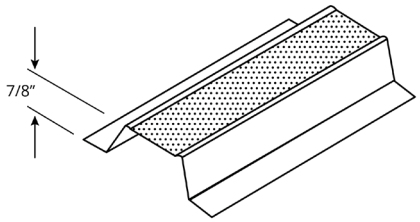
7/8” Furring “Hat” Channel (087F125-33)

33mil (STR 20ga) 33ksi

- **Specification Section:** 05.40.00 (Cold-Formed Metal Framing)
- **Coating:** G60 (G90 available)

Product Description: Furring “Hat” Channel is a cold-formed, hat-shaped framing component used to create a uniform substrate for the attachment of gypsum panels, siding, and other finish materials. It is commonly used to furr out walls, ceilings, and soffits, particularly over masonry or uneven surfaces where a true plane is required.





Geometric Properties			
Depth:	0.875 in.	Yield Strengh, Fy	33ksi
Width:	1.250 in.	Design Thickness	0.0346
		Min. Steel Thickness	0.0329

Gross Properties	
Total cross-sectional steel area	0.130 in^2
Linear weight per foot	0.443 lb/ft
Moment of inertia about the x-axis (Ix)	0.016 in^4
Radius of gyration about the x-axis (Rx)	0.349 in
Moment of inertia about the y-axis (Iy)	0.062 in^4
Radius of gyration about the y-axis (Ry)	0.689 in

Effective Properties	
Effective moment of inertia (x-axis) (Ix)	0.016 in
Effective section modulus (x-axis) (Sx)	0.034 in^3
Allowable bending moment-effective section modulus (Ma)	56.23 in-k
Allowable shear force in web (Va)	464 lb

Codes & Standards:

- **Structural Members**
  - ASTM C955
  - AISI S240
  - Installed per ASTM C1007
- **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
  - AISI S202
- **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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