

PRODUCT SUBMITTAL SHEET

For more information or questions, please contact the technical department: technical@buysuperstud.com



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

STR 20GA (33mil)

Specification Section: 09.22.16 (Non-Structural Metal Framing) Coating:

•18mil - 30mil: G40 (standard), G60 (special order)

• 33mil - 97mil: G60 (standard), G90 (special order)

SUPER STUD 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.	Design Thickness	0.0346 in.	
Width	1.250 in.	Min. Steel Thickness	0.0329 in.	
		Yield Strength, Fy	33 ksi	

GROSS PROPERTIES				
Area (in²)	Total cross-sectional steel area 0.13			
Weight (lb/ft)	Linear weight per foot of length	0.443		
Ix (in ⁴)	Moment of inertia (lx)	0.016		
Rx (in)	Radius of gyration (Rx)	0.349		
ly (in ⁴)	Gross moment of inertia (ly)	0.062		
Ry (in)	Griss radius of gyration (Ry)	0.689		
EFFECTIVE PROPERTIES				
lx (in ⁴)	Moment of inertia for deflection (lx)	0.016		
Sx (in³)	Section modulus (Sx)	0.034		
Ma (ft-lb)	Allowable bending moment (Ma)	56.23		
Va (lb)	Allowable shear force (Va) 464			

CODES AND STANDARDS:

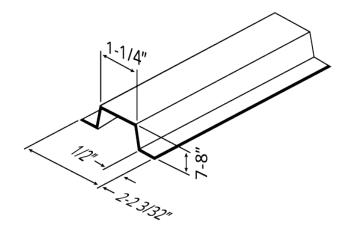
Super Stud products comply with the applicable provisions of the following:

- International Building Code (IBC): 2006–2024
- AISI S100-16 (2020) w/S2-20 (where applicable)
- AISI S240 (where applicable)
- Sheet Steel: ASTM A1003/A1003M; ASTM A653/A653M
- Galvanized Coating: ASTM A653/A653M or equivalent
- Additional Standards: AISI S201; AISI S202

Accessories are manufactured to applicable ASTM and AISI standards based on product type and intended application.

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





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