

1-1/2" Furring Hat Channel (150F125-33)

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

GROSS PROPERTIES		
Area (in ²)	Total cross-sectional steel area	0.174
Weight (lb/ft)	Linear weight per foot of length	0.590
Ix (in ⁴)	Moment of inertia (Ix)	0.056
Rx (in)	Radius of gyration (Rx)	0.566
Iy (in ⁴)	Gross moment of inertia (Iy)	0.093
Ry (in)	Gross radius of gyration (Ry)	0.733
EFFECTIVE PROPERTIES		
Ix (in ⁴)	Moment of inertia for deflection (Ix)	0.056
Sx (in ³)	Section modulus (Sx)	0.071
Ma (ft-lb)	Allowable bending moment (Ma)	117.31
Va (lb)	Allowable shear force (Va)	474

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

