PRODUCT SUBMITTAL SHEET

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

1-1/2” Furring Hat Channel (150F125-54)

16GA (54mil)

Specification Section: 09.22.16 (Non-Structural Metal Framing)

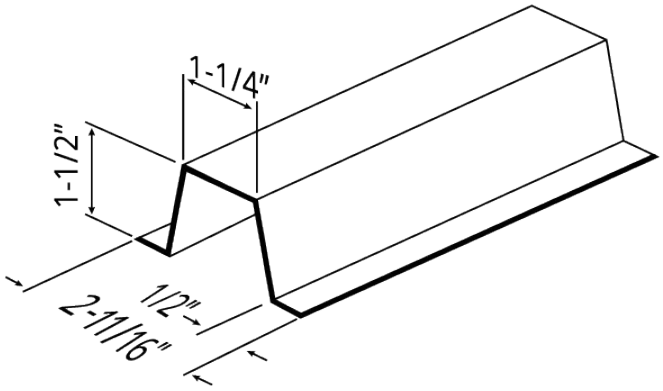
Coating:

•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	0.0566 in.
Width	1.250 in.	Min. Steel Thickness	0.0538 in.
		Yield Strength, Fy	50 ksi



GROSS PROPERTIES		
Area (in²)	Total cross-sectional steel area	0.278
Weight (lb/ft)	Linear weight per foot of length	0.946
Ix (in⁴)	Moment of inertia (lx)	0.087
Rx (in)	Radius of gyration (Rx)	0.558
Iy (in⁴)	Gross moment of inertia (Iy)	0.145
Ry (in)	Griss radius of gyration (Ry)	0.722
EFFECTIVE PROPERTIES		
lx (in⁴)	Moment of inertia for deflection (lx)	0.087
Sx (in³)	Section modulus (Sx)	0.122
Ma (ft-lb)	Allowable bending moment (Ma)	275.55
Va (lb)	Allowable shear force (Va)	1117

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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