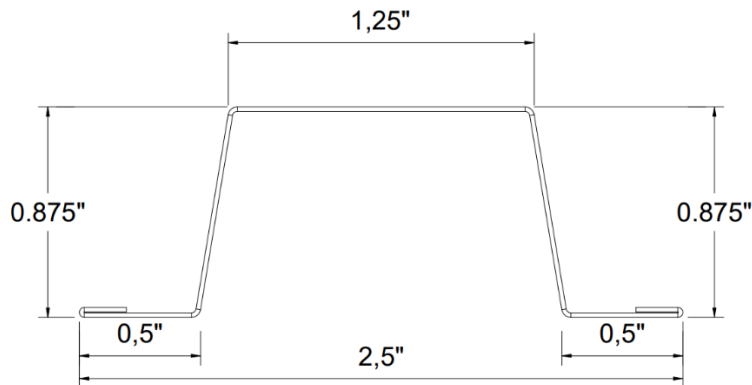


Product Type: Hat Furring Channel

Product Definition: 087F125-33 33ksi

CSI Code: 09.22.16.13



Profile Properties:

Web Depth 0,875 in
Flange Width 2,50 in
Design Thickness 0,0346 in
Minimum Thickness 0,0329 in

Yield Strength: 33 ksi
Cross Sectional Area 0,133 in²
Unit Weight 0,4542 lb/ft
Finish G40

Effective Section Properties:

Effective Moment of Inertia for Deflection I_{xe} 0,017 in⁴
Allowable Bending Moment M_a 0,776 in.K

Hat Furring Channel Limiting Ceiling Spans (ft-in):

Load	4 psf			6 psf			13 psf		
Span/Spacing	12"	16"	24"	12"	16"	24"	12"	16"	24"
Single	5'-9"	5'-3"	4'-7"	5'-0"	4'-7"	3'-12"	3'-11"	3'-6"	3'-1"
Multiple	7'-10"	7'-1"	6'-3"	6'-10"	6'-3"	5'-5"	5'-3"	4'-10"	4'-2"

Codes & Standards:

- Calculations are based on AISI S220-20 and AISI S100-16.
- Complies with IBC2021, ASTM C645, ASTM C754, ASTM A653, ASTM A1003, ASTM E72
- Intertek Certificate of Compliance No: COC-WHI23-37729201
- LEED / Sustainability Credits: Environmental Product Declaration S-P Code: S-P-00869

Application Areas:

- Furring for walls or ceilings.
- Furring for masonry walls.
- Framing for suspended ceilings.