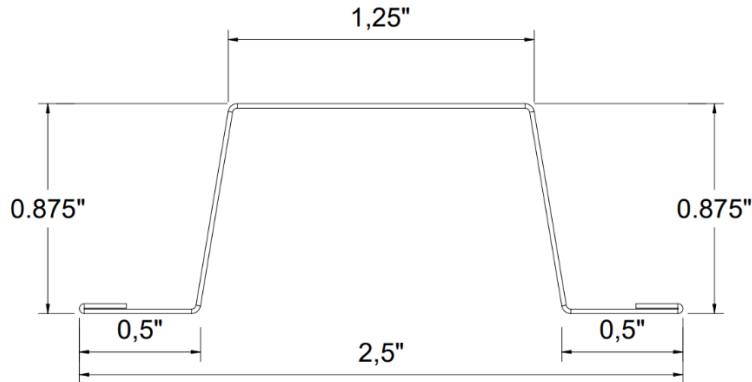


Product Type: Hat Furring Channel

Product Definition: 087F125-54 33ksi

CSI Code: 09.22.16.13



Profile Properties:

Web Depth	0,875 in	Yield Strength:	33 ksi
Flange Width	2,50 in	Cross Sectional Area	0,215 in ²
Design Thickness	0,0566 in	Unit Weight	0,7346 lb/ft
Minimum Thickness	0,0538 in	Finish	G40

Effective Section Properties:

Effective Moment of Inertia for Deflection	I _{xe}	0,025 in ⁴
Allowable Bending Moment	M _a	1,202 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	6'-7"	5'-11"	5'-2"	5'-9"	5'-2"	4'-7"	4'-5"	4'-0"	3'-6"
Multiple	8'-11"	8'-1"	7'-9"	7'-9"	7'-1"	6'-2"	6'-0"	5'-6"	4'-9"

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.