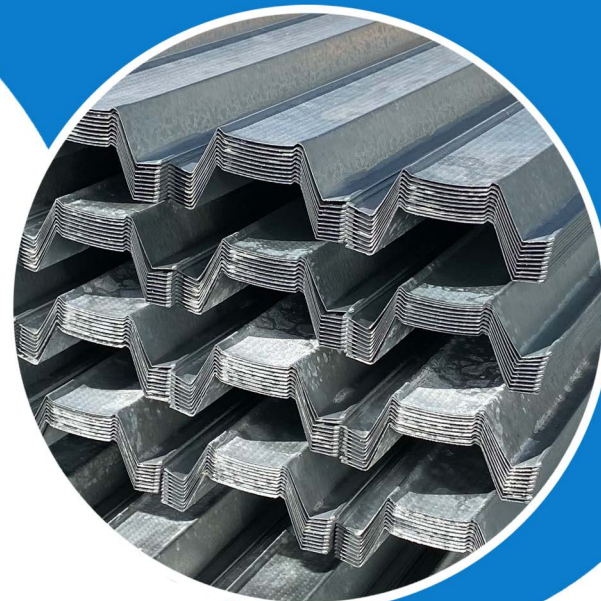


Furring Channels (F)



MATERIAL	
Yield Strength F_y (KSI)	33
Tensile Strength F_u (KSI)	45
Design Thickness (in)	0.0188
Minimum Thickness (mil)	18
Gauge	25
Available Finish G60, G90	

PRODUCT ID

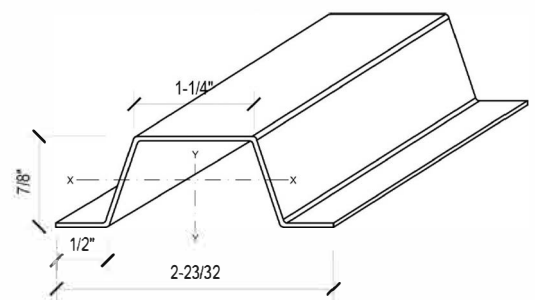
087 F 125-18 ($\frac{7}{8}$ x1 $\frac{1}{4}$ x25ga)

CODES & STANDARDS

- ASTM A 1003, A 653, & C 955
- AISI S100-16

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.244
Cross Sectional Area: A (in ²)	0.072
Moment of Inertia: I_x (in ⁴)	0.009
Radius of Gyration: R_x (in)	0.354
Moment of Inertia: I_y (in ⁴)	0.035
Radius of Gyration: R_y (in)	0.698

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: I_{xe} (in ⁴)	0.008
Section Modulus: S_{xe} (in ³)	0.016
Allowable Bending Moment: M_a (in-k)	26.61
Allowable Shear Force: V_a (lb)	255



See Hermes/Hephaistos Technical Manual
for complete design data