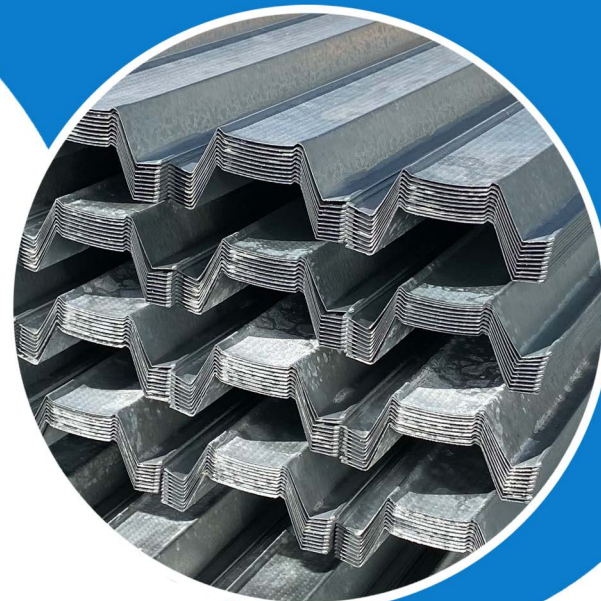


Furring Channels (F)



MATERIAL	
Yield Strength Fy (KSI)	33
Tensile Strength Fu (KSI)	45
Design Thickness (in)	0.0283
Minimum Thickness (mil)	27
Gauge	22
Available Finish G60, G90	

PRODUCT ID

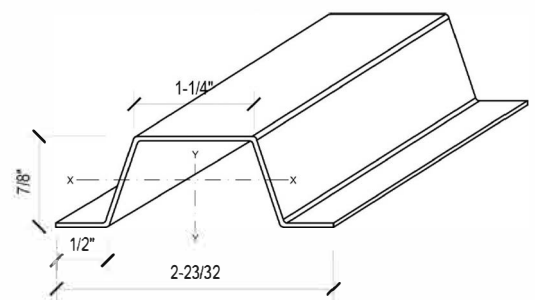
087 F 125-27 ($\frac{7}{8}$ x1 $\frac{1}{4}$ x22ga)

CODES & STANDARDS

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

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.365
Cross Sectional Area: A (in ²)	0.107
Moment of Inertia: Ix (in ⁴)	0.013
Radius of Gyration: Rx (in)	0.351
Moment of Inertia: Iy (in ⁴)	0.051
Radius of Gyration: Ry (in)	0.693

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: Ixe (in ⁴)	0.013
Section Modulus: Sxe (in ³)	0.027
Allowable Bending Moment: Ma (in-k)	45.20
Allowable Shear Force: Va (lb)	381



See Hermes/Hephaistos Technical Manual
for complete design data