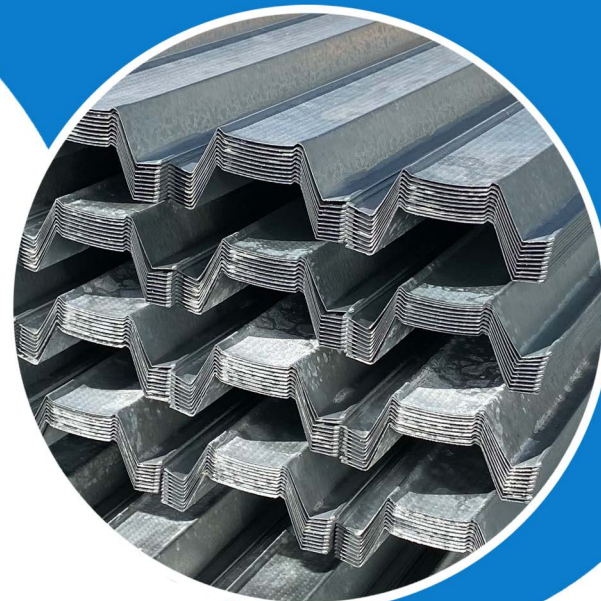


Furring Channels (F)



MATERIAL	
Yield Strength F_y (KSI)	33
Tensile Strength F_u (KSI)	45
Design Thickness (in)	0.0451
Minimum Thickness (mil)	43
Gauge	18
Available Finish G60, G90	

PRODUCT ID

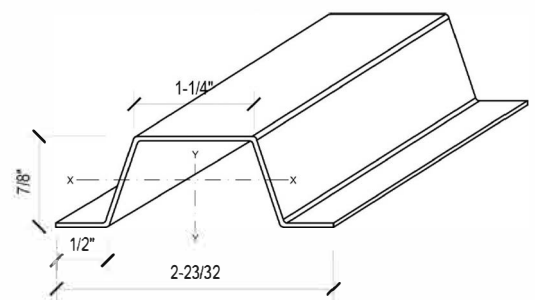
087 F 125-43 ($\frac{7}{8}$ x1 $\frac{1}{4}$ x18ga)

CODES & STANDARDS

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

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.572
Cross Sectional Area: A (in ²)	0.168
Moment of Inertia: I_x (in ⁴)	0.020
Radius of Gyration: R_x (in)	0.345
Moment of Inertia: I_y (in ⁴)	0.079
Radius of Gyration: R_y (in)	0.684

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: I_{xe} (in ⁴)	0.020
Section Modulus: S_{xe} (in ³)	0.043
Allowable Bending Moment: M_a (in-k)	71.00
Allowable Shear Force: V_a (lb)	599



See Hermes/Hephaistos Technical Manual
for complete design data