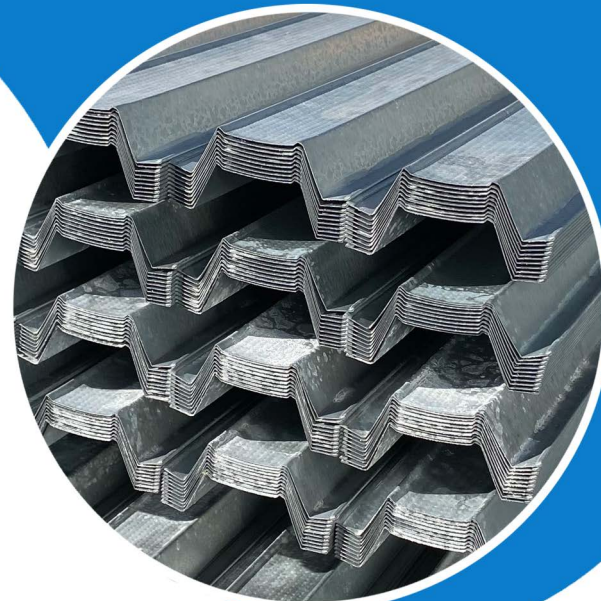


Furring Channels (F)



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

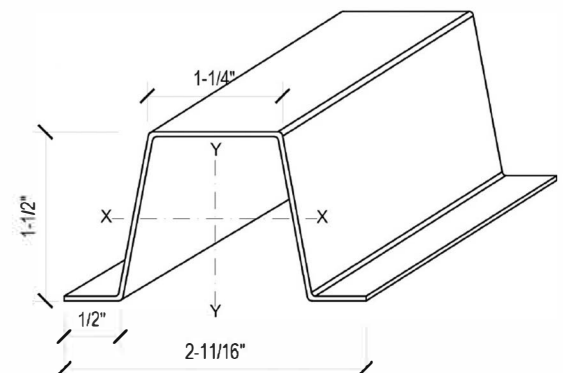
150 F 125-18 ($1\frac{1}{2} \times 1\frac{1}{4} \times 25\text{ga}$)

CODES & STANDARDS

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

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.324
Cross Sectional Area: A (in^2)	0.095
Moment of Inertia: I_x (in^4)	0.031
Radius of Gyration: R_x (in)	0.572
Moment of Inertia: I_y (in^4)	0.052
Radius of Gyration: R_y (in)	0.742

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: I_{xe} (in^4)	0.029
Section Modulus: S_{xe} (in^3)	0.034
Allowable Bending Moment: M_a (in-k)	56.73
Allowable Shear Force: V_a (lb)	261



See Hermes/Hephaistos Technical Manual
for complete design data