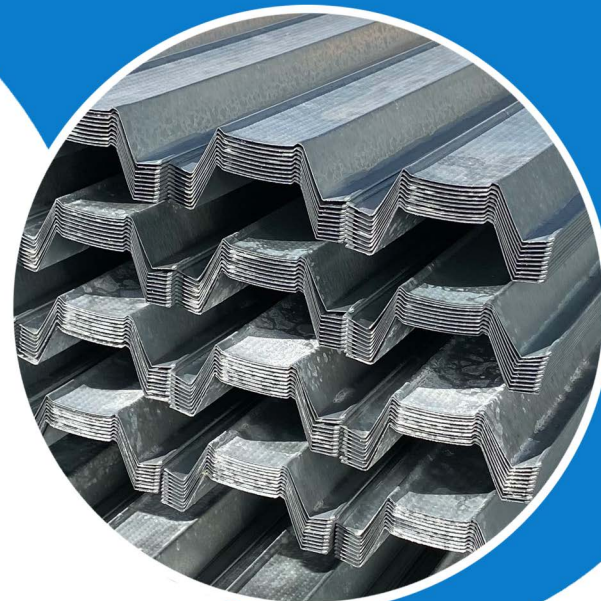


Furring Channels (F)



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

PRODUCT ID

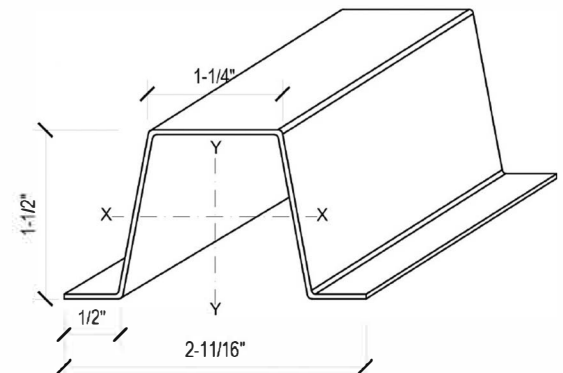
150 F 125- 43 (1½x1¼x18ga)

CODES & STANDARDS

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

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	0.764
Cross Sectional Area: A (in²)	0.225
Moment of Inertia: Ix (in⁴)	0.071
Radius of Gyration: Rx (in)	0.563
Moment of Inertia: Iy (in⁴)	0.119
Radius of Gyration: Ry (in)	0.728

EFFECTIVE SECTION PROPERTIES	
Moment of Inertia-Deflection: Ixe (in⁴)	0.071
Section Modulus: Sxe (in³)	0.091
Allowable Bending Moment: Ma (in-k)	149.70
Allowable Shear Force: Va (lb)	613



See Hermes/Hephaistos Technical Manual
for complete design data