

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1 X 1 UTILITY ANGLE

PROPERTIES:

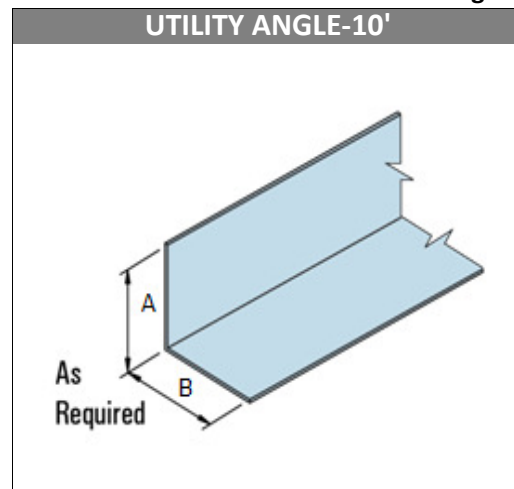
Leg A (in)	1	Yield Strength Fy (KSI)	33
Leg B (in)	1	Tensile Strength Fu (KSI)	45
Mils	33	Design Thickness (in)	0.0346
Available Finish	G40, G60, G90	Minimum Thickness (in)	0.0329
		Gauge	20 STR

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.0666
Weight of Member: (lb/ft)	0.2265
Moment of Inertia: I_x (in ⁴)	0.0109
Section Modulus: S_{x-t} (in ³)	0.0155
Section Modulus: S_{x-b} (in ³)	0.0155
Gross Section Modulus: S_{y-l} (in ³)	0.0077
Gross Section Modulus: S_{y-r} (in ³)	0.0073
Gross Moment of Inertia: I_y (in ⁴)	0.0026

09.22.16 Non Structural Metal Framing
05.40.00 Cold-Formed Metal Framing



CODES & STANDARDS

- AISI S100, IBC 20105, 2018, 2021 compliant
- ASTM C955 & AISI S240 (33 mil - 118 mil)
- ASTM C645 & AISI S220 (18 mil - 33 mil)
- Galvanized steel sheet meets ASTM A1003 or A653

GREEN INFO

- LEED credits available
- Contact Technical Services for more information.