

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1-1/2 X 1-1/2 UTILITY ANGLE

MARINO\WARE PART # 112CJ20

PROPERTIES:

Leg A (in)	1-1/2	Yield Strength Fy (KSI)	33
Leg B (in)	1-1/2	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

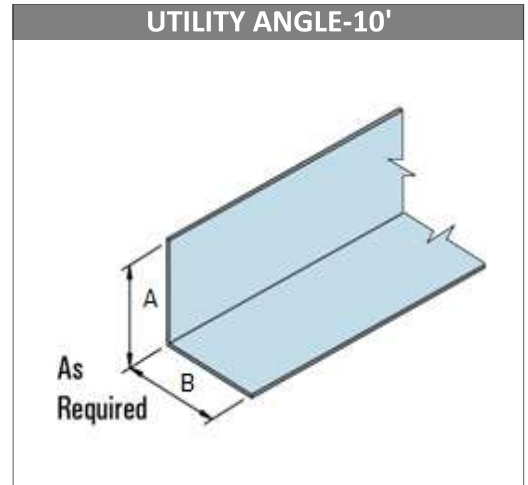
SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.1012
Weight of Member: (lb/ft)	0.3441
Moment of Inertia: I_x (in ⁴)	0.0376
Section Modulus: S_{x-t} (in ³)	0.0354
Section Modulus: S_{x-b} (in ³)	0.0354
Gross Section Modulus: S_{y-l} (in ³)	0.0176
Gross Section Modulus: S_{y-r} (in ³)	0.0170
Gross Moment of Inertia: I_y (in ⁴)	0.0090

09.22.16 Non Structural Metal Framing
05.40.00 Cold-Formed Metal Framing

UTILITY ANGLE-10'



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.