

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1-1/2" Cold Rolled Channel (CRC)
MARINO\WARE PART # 112CU16

PROPERTIES:

A. (in)	1-1/2	Yield Strength Fy (KSI)	33
B. (in)	1/2	Mils	54
Available Finish	G90	Gauge	16
		Design Thickness (in)	0.0566
		Minimum Thickness (in)	0.0538

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.129
Weight of Member: (lb/ft)	0.44
Moment of Inertia: Ix (in ⁴)	0.039
Radius of Gyration: Rx (in)	0.547
Gross Moment of Inertia: Iy (in ⁴)	0.003
Radius of Gyration: Ry (in)	0.144

EFFECTIVE SECTION PROPERTIES

Moment of Inertia-Deflection: Ix (in ⁴)	0.039
Section Modulus: Sx (in ³)	0.052
Allowable Bending Moment: Ma (in-k)	1.22
Allowable strong axis shear: Va (lb)	840

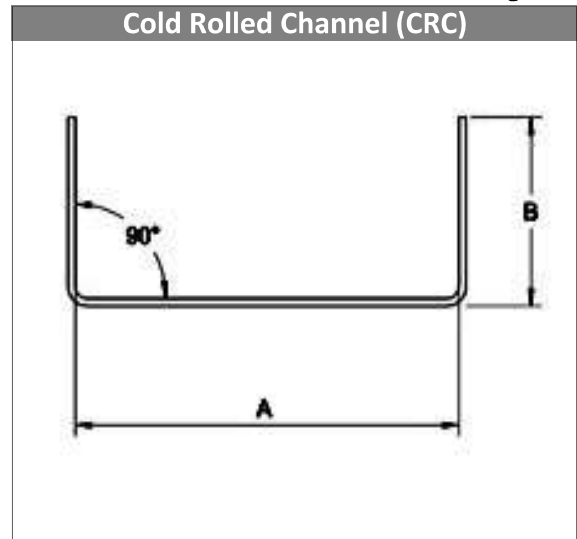
CODES & STANDARDS

- AISI S100, IBC 20105, 2018, 2021 compliant
- ASTM C955 & AISI S240
- ICC-ES ESR-4062
- Galvanized steel sheet meets ASTM A1003 or A653

GREEN INFO

- LEED v4 credits available
- Contact Technical Services for more information

05.40.00 Cold Formed Metal Framing
Cold Rolled Channel (CRC)



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B. (in)	1/2	Mils	54
Available Finish	G40, G60	Gauge	16
		Design Thickness (in)	0.0566
		Minimum Thickness (in)	0.0538

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Cross Sectional Area: A (in ²)	0.129
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