

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)	50
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 (in²)	0.129
Weight of Member: (lb/ft)	0.44
Moment of Inertia: Ix (in⁴)	0.039
Radius of Gyration: Rx (in)	0.547
Gross Moment of Inertia: Iy (in⁴)	0.003

EFFECTIVE SECTION PROPERTIES

Radius of Gyration: Ry (in)	0.144
Moment of Inertia-Deflection: Ix (in⁴)	0.039
Section Modulus: Sx (in³)	0.052
Allowable Bending Moment: Ma (in-k)	1.22
Allowable strong axis shear: Va (lb)	840

CODES & STANDARDS

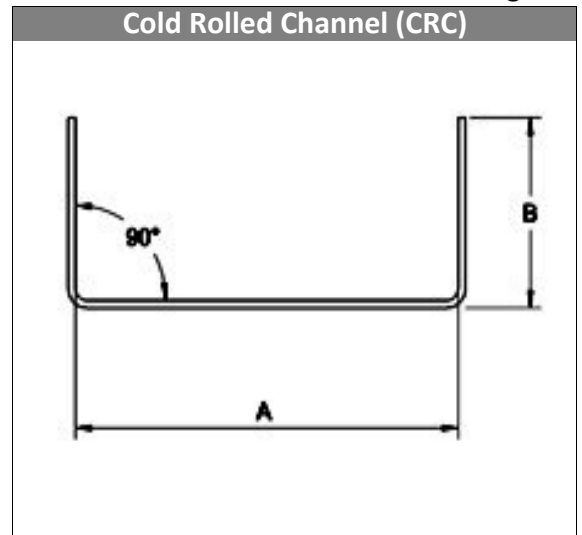
- AISI S100-07 compliant
- ASTM C 955 compliant
- Galvanized steel sheet meets ASTM A 1003 & A 653

GREEN INFO

- LEED v3 & LEED v4 credits available.
- Contact Technical Services for more information.

05.40.00 Cold Formed Metal Framing

Cold Rolled Channel (CRC)



www.marinoware.com

For more information, please contact Marino\WARE Technical Services at 866-545-1545.

This technical information reflects the most current information available and supersedes any and all publications, effective 12/1/2016
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