

# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** 212CT25

**MARINO\WARE PART #** 212CT25

## PROPERTIES:

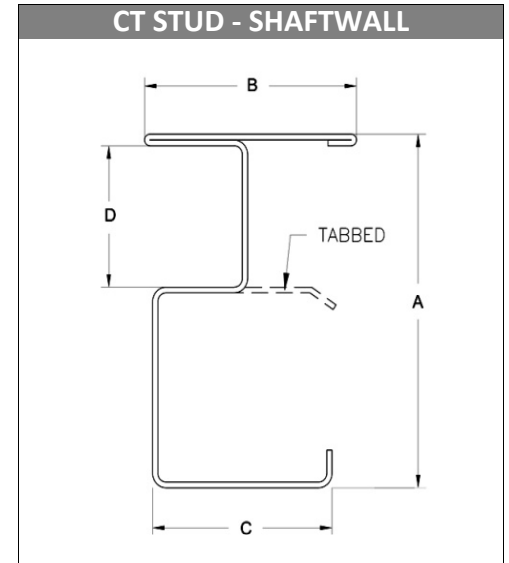
|                         |          |                                |        |
|-------------------------|----------|--------------------------------|--------|
| <b>A. (in)</b>          | 2-1/2    | <b>Yield Strength Fy (KSI)</b> | 40     |
| <b>B. (in)</b>          | 1-5/8    | <b>Mils</b>                    | 18     |
| <b>C. (in)</b>          | 1-3/8    | <b>Gauge</b>                   | 25     |
| <b>D. (in)</b>          | 1        | <b>Design Thickness (in)</b>   | 0.0188 |
| <b>Available Finish</b> | G40, G60 | <b>Minimum Thickness (in)</b>  | 0.0179 |

## SECTION PROPERTIES

### GROSS SECTION PROPERTIES

|  |       |
|--|-------|
| Cross Sectional Area: <b>A</b> (in <sup>2</sup> )          | 0.134 |
| Weight of Member: <b>(lb/ft)</b>                           | 0.456 |
| Moment of Inertia: <b>I<sub>x</sub></b> (in <sup>4</sup> ) | 0.127 |
| Section Modulus: <b>S<sub>x</sub></b> (in <sup>3</sup> )   | 0.094 |

## 09.22.16 Non Structural Metal Framing



## CODES & STANDARDS

- ASTM C645, E119, E90 & AISI S220 (18 mil - 33 mil)
- Galvanized steel sheet meets ASTM A1003 or A653

## COMMON UL ASSEMBLIES

- U417, U428, U429, U497, U498, U499, V451, V455, V470, V472, V473
- V481, V493, W409, W414, W419, W441, W471, I515

*Note: Always check UL Fire Resistance Directory for complete design requirements*

## GREEN INFO

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