

Marino\WARE® Product Submittal Data

PRODUCT NAME: 162VT125-30

MARINO\WARE PART # 158VT30

PROPERTIES:

A. Web (in)	1-5/8	Yield Strength Fy (KSI)	33
B. Leg (in)	1-1/4	Design Thickness (in)	0.0312
Mils	30	Minimum Thickness (in)	0.0296
Finish	CP60	Gauge	20 DW

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Weight of Member: (lb/ft)	0.440
Cross Sectional Area: A (in²)	0.129
Moment of Inertia: Ix (in⁴)	0.071
Section Modulus about the X-axis: Sx (in³)	0.080
Radius of Gyration: Rx (in)	0.741
Gross Moment of Inertia: Iy (in⁴)	0.022
Section Modulus about the Y-axis: Sy (in³)	0.0249
Gross Radius of Gyration: Ry (in)	0.409

EFFECTIVE SECTION PROPERTIES

Moment of Inertia-Deflection: Ixd (in⁴)	0.056
Section Modulus: Sxe (in³)	0.051
Allowable Moment: Ma (in-k)	1.00

TORSIONAL PROPERTIES

Shear Center to Centroid on Principal X-axis: Xo (in)	-0.868
St. Venant Torsional Constant: Jx10³ (in⁴)	0.0419
Torsional Warping Constant: Cw (in⁶)	0.012
Radius of Gyration on the Centroid Principal axis: Ro (in)	1.210
Torsional Flexural Constant: β = 1-(xo/Ro)²	0.488

CODES & STANDARDS

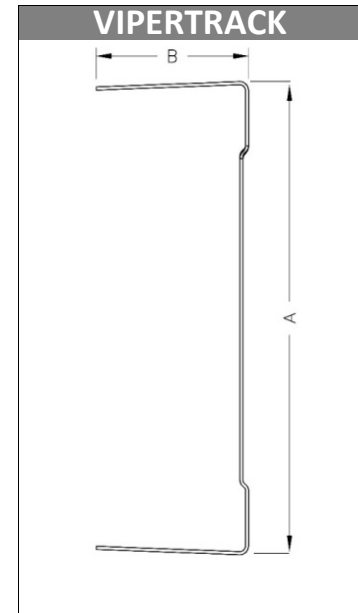
- Meets IBC 2015, 2018 & FBC 2017
- Meets or tested to: ASTM C 645, C 754, E 90, E 119 & AISI S220
- Steel sheet meets ASTM A 1003 & A 653
- Third Party Code Evaluation Report: CCRR-0154
- Multiple Fire Rated Assemblies

GREEN INFO

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



09.22.16 Non-Structural Metal Stud



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 11/3/19.

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