

Product Name: 3-5/8" Stud
Description: 362S300-33

Physical Properties

Web Depth (in)	3.625	Gauge	20
Flange Width (in)	3.000	Mils	33
Return Lip (in)	0.625	Design Thickness (in)	0.0346
Standard Coating	CP60	Minimum Thickness (in)	0.0329
Available Coating *	CP90	Yield Stress Fy (ksi)	33
Weight (lb/ft)	1.250	Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.366 in ²
Moment of Inertia (Ix)	0.871 in ⁴
Radius of Gyration (Rx)	1.543 in
Gross Moment of Inertia (Iy)	0.463 in ⁴
Gross Radius of Gyration (Ry)	1.125 in

Effective Section Properties

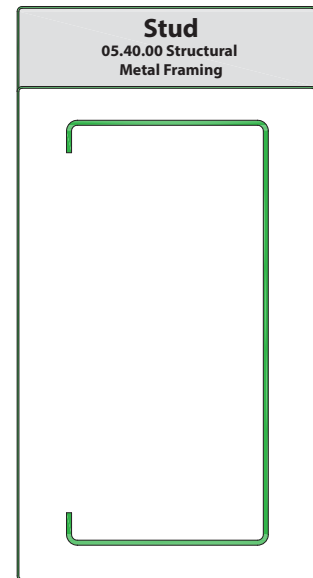
Moment of Inertia for Deflection (Ixe)	0.795 in ⁴
Section Modulus (Sxe)	0.328 in ³
Allowable Bending Moment (Ma)	6.480 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.146 in ⁴
Warping Constant (Cw)	1.478 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-2.686 in
Radii of Gyration (Ro)	3.296 in
Torsional Flexural Constant (Beta)	0.336

This section does not meet the requirements of AISI. Advised to increase the thickness.

*By request



MANUFACTURING Codes & Standards

NASPEC AISI S100-07 IBC 2009 2012 Compliant
Coated in accordance to ASTM A1003 & A653
Meets or exceeds ASTM C955 & AISI S200
Code Evaluation Report ICC-ESR #3957

GREEN Benefits & LEED Data:

LEED Credit MR 2 - Construction Waste Mgmt - 1-2 Points
LEED Credit MR 4 - Recycled Credit - 1-2 Points
LEED Credit MR 5 - Regional Materials - 1-2 Points
CRACO products are 100% recyclable
Contact Technical Services for more information