

Product Name: 3-5/8" Stud
Description: 362S250-33

Physical Properties

Web Depth (in)	3.625	Gauge	20
Flange Width (in)	2.500	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)	1.130	Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.331 in ²
Moment of Inertia (Ix)	0.760 in ⁴
Radius of Gyration (Rx)	1.514 in
Gross Moment of Inertia (Iy)	0.299 in ⁴
Gross Radius of Gyration (Ry)	0.951 in

Effective Section Properties

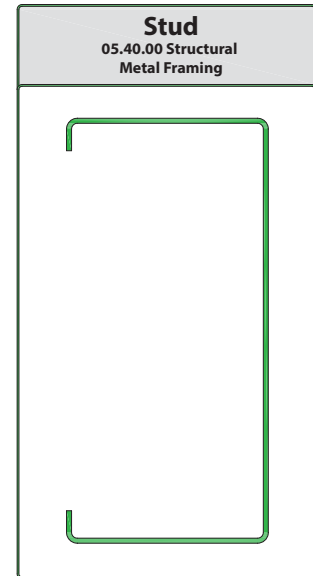
Moment of Inertia for Deflection (Ixe)	0.725 in ⁴
Section Modulus (Sxe)	0.315 in ³
Allowable Bending Moment (Ma)	3.530 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.132 in ⁴
Warping Constant (Cw)	0.965 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-2.211 in
Radii of Gyration (Ro)	2.844 in
Torsional Flexural Constant (Beta)	0.395

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