

Product Name: 3-5/8" Stud
Description: 362S300-68

Physical Properties

Web Depth (in)	2.500	Gauge	14
Flange Width (in)	3.000	Mils	68
Return Lip (in)	0.625	Design Thickness (in)	0.0713
Standard Coating	CP60	Minimum Thickness (in)	0.0677
Available Coating *	CP90	Yield Stress Fy (ksi)	50
Weight (lb/ft)	2.510	Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	0.738 in ²
Moment of Inertia (Ix)	1.716 in ⁴
Radius of Gyration (Rx)	1.525 in
Gross Moment of Inertia (Iy)	0.900 in ⁴
Gross Radius of Gyration (Ry)	1.105 in

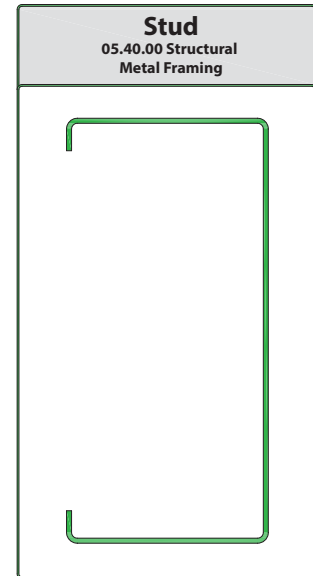
Effective Section Properties

Moment of Inertia for Deflection (Ixe)	1.684 in ⁴
Section Modulus (Sxe)	0.716 in ³
Allowable Bending Moment (Ma)	21.44 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	1.250 in ⁴
Warping Constant (Cw)	2.833 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-2.640 in
Radii of Gyration (Ro)	3.243 in
Torsional Flexural Constant (Beta)	0.337

*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