

Product Name: 3-5/8" Stud
Description: 362S200-33

Physical Properties

Web Depth (in)	3.625	Gauge	20
Flange Width (in)	2.000	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)	1.010	Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.297 in ²
Moment of Inertia (Ix)	0.648 in ⁴
Radius of Gyration (Rx)	1.478 in
Gross Moment of Inertia (Iy)	0.177 in ⁴
Gross Radius of Gyration (Ry)	0.772 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.647 in ⁴
Section Modulus (Sxe)	0.294 in ³
Allowable Bending Moment (Ma)	5.810 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.118 in ⁴
Warping Constant (Cw)	0.577 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.741 in
Radii of Gyration (Ro)	2.411 in
Torsional Flexural Constant (Beta)	0.478

*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