

Product Name: 3-5/8" Stud
Description: 362S200-43

Physical Properties

Web Depth (in)	3.625	Gauge	18
Flange Width (in)	2.000	Mils	43
Return Lip (in)	0.625	Design Thickness (in)	0.0451
Standard Coating	CP60	Minimum Thickness (in)	0.0428
Available Coating *	CP90	Yield Stress Fy (ksi)	33
Weight (lb/ft)	1.310	Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.385 in ²
Moment of Inertia (Ix)	0.836 in ⁴
Radius of Gyration (Rx)	1.474 in
Gross Moment of Inertia (Iy)	0.227 in ⁴
Gross Radius of Gyration (Ry)	0.767 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.836 in ⁴
Section Modulus (Sxe)	0.427 in ³
Allowable Bending Moment (Ma)	8.430 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.261 in ⁴
Warping Constant (Cw)	0.734 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.729 in
Radii of Gyration (Ro)	2.398 in
Torsional Flexural Constant (Beta)	0.480

*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