

Product Name: 3-5/8" Stud
Description: 362S137-54

Physical Properties

Web Depth (in)	3.625	Gauge	16
Flange Width (in)	1.375	Mils	54
Return Lip (in)	0.375	Design Thickness (in)	0.0566
Standard Coating	CP60	Minimum Thickness (in)	0.0538
Available Coating *	CP90	Yield Stress Fy (ksi)	50
Weight (lb/ft)	1.290	Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	0.379 in ²
Moment of Inertia (Ix)	0.756 in ⁴
Radius of Gyration (Rx)	1.411 in
Gross Moment of Inertia (Iy)	0.091 in ⁴
Gross Radius of Gyration (Ry)	0.490 in

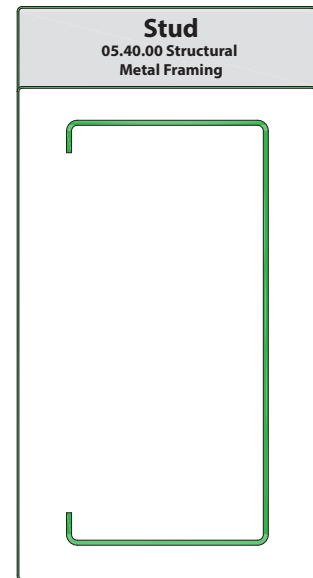
Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.756 in ⁴
Section Modulus (Sxe)	0.381 in ³
Allowable Bending Moment (Ma)	11.42 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.405 in ⁴
Warping Constant (Cw)	0.251 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-0.978 in
Radii of Gyration (Ro)	1.785 in
Torsional Flexural Constant (Beta)	0.700

*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