

**Product Name:** 3-5/8" Stud  
**Description:** 362S162-33

### Physical Properties

Web Depth (in)	3.625	Gauge	20
Flange Width (in)	1.625	Mils	33
Return Lip (in)	0.500	Design Thickness (in)	0.0346
Standard Coating	CP60	Minimum Thickness (in)	0.0329
Available Coating *	CP90	Yield Stress Fy (ksi)	33
Weight (lb/ft)	0.890	Ultimate, Fu (ksi)	45

### Section Properties

Cross Sectional Area (A)	0.262 in <sup>2</sup>
Moment of Inertia (Ix)	0.551 in <sup>4</sup>
Radius of Gyration (Rx)	1.450 in
Gross Moment of Inertia (Iy)	0.099 in <sup>4</sup>
Gross Radius of Gyration (Ry)	0.616 in

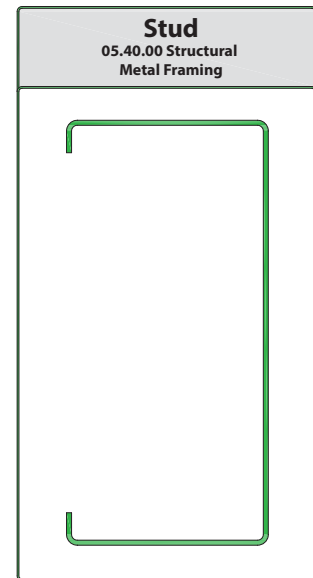
### Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.551 in <sup>4</sup>
Section Modulus (Sxe)	0.268 in <sup>3</sup>
Allowable Bending Moment (Ma)	5.290 in-k

### Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.105 in <sup>4</sup>
Warping Constant (Cw)	0.297 in <sup>6</sup>
Distance from Shear Center to Neutral Axis (Xo)	-1.308 in
Radii of Gyration (Ro)	2.048 in
Torsional Flexural Constant (Beta)	0.592

\*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