

**Product Name:** 3-5/8" Stud  
**Description:** 362S200-97

### Physical Properties

Web Depth (in)	3.625	Gauge	12
Flange Width (in)	2.000	Mils	97
Return Lip (in)	0.625	Design Thickness (in)	0.1017
Standard Coating	CP60	Minimum Thickness (in)	0.0966
Available Coating *	CP90	Yield Stress Fy (ksi)	50
Weight (lb/ft)	2.810	Ultimate, Fu (ksi)	65

### Section Properties

Cross Sectional Area (A)	0.826 in <sup>2</sup>
Moment of Inertia (Ix)	1.712 in <sup>4</sup>
Radius of Gyration (Rx)	1.44 in
Gross Moment of Inertia (Iy)	0.446 in <sup>4</sup>
Gross Radius of Gyration (Ry)	0.735 in

### Effective Section Properties

Moment of Inertia for Deflection (Ixe)	1.712 in <sup>4</sup>
Section Modulus (Sxe)	0.929 in <sup>3</sup>
Allowable Bending Moment (Ma)	32.04 in-k

### Torsional Properties

St. Venant Torsion Constant (Jx1000)	2.847 in <sup>4</sup>
Warping Constant (Cw)	1.441 in <sup>6</sup>
Distance from Shear Center to Neutral Axis (Xo)	-1.658 in
Radii of Gyration (Ro)	2.316 in
Torsional Flexural Constant (Beta)	0.487

\*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