

Product Name: 10" Stud
Description: 1000S200-97

Physical Properties

Web Depth (in)	10.00	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)	5.020	Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	1.474 in ²
Moment of Inertia (Ix)	19.336 in ⁴
Radius of Gyration (Rx)	3.622 in
Gross Moment of Inertia (Iy)	0.609 in ⁴
Gross Radius of Gyration (Ry)	0.643 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	19.336 in ⁴
Section Modulus (Sxe)	3.741 in ³
Allowable Bending Moment (Ma)	112.000 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	5.082 in ⁴
Warping Constant (Cw)	12.679 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.088 in
Radii of Gyration (Ro)	3.836 in
Torsional Flexural Constant (Beta)	0.920

*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