

Product Name: 14" Stud
Description: 1400S162-68

Physical Properties

Web Depth (in)	14.00	Gauge	14
Flange Width (in)	1.625	Mils	68
Return Lip (in)	0.500	Design Thickness (in)	0.0713
Standard Coating	CP60	Minimum Thickness (in)	0.0677
Available Coating *	CP90	Yield Stress Fy (ksi)	50
Weight (lb/ft)	4.300	Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	1.263 in ²
Moment of Inertia (Ix)	28.952 in ⁴
Radius of Gyration (Rx)	4.787 in
Gross Moment of Inertia (Iy)	0.262 in ⁴
Gross Radius of Gyration (Ry)	0.456 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	26.375 in ⁴
Section Modulus (Sxe)	3.135 in ³
Allowable Bending Moment (Ma)	93.85 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	2.141 in ⁴
Warping Constant (Cw)	10.966 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-0.654 in
Radii of Gyration (Ro)	4.853 in
Torsional Flexural Constant (Beta)	0.982

*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