

Product Submittal Sheet

Engineering Services: 732-662-6217 Technical Support: 732-662-6220

Sales: 732-662-6200

Super Stud Building Products, Inc. 2960 Woodbridge Ave Edison, NJ 08837 buysuperstud.com

Super Joist [SJ]

Product Name: 1200SJ300-68

Material and Shape Property Notes:

Design Thickness: 0.0713" Minimum Thickness: 0.0677" Mil Thickness: 68 mils Gauge14 Flange Width......3" Web Depth..... 12.0" Stiffening Lip Lengths: 5/8"

Corrosion Protection: G60 (standard) G90 (available)

Yield Strength: 50 kips per square inch (KSI) minimum

Product Application & Attributes:

Large stiffened punchouts in joist members provide industry-best accessibility along the length of the web, accommodating all trade installations. In addition to the large reinforced punchouts, SuperMAXX Joists have flanges with double returns for superior strength and stiffness that dramatically increase spans and capacities.

Section Properties:

Gross Section Properties:

Cross Section Area (A): 1.335 in² Member Weight 4.29 pounds per foot Moment of Inertia, strong axis (Ix) 27.022 in⁴ Radius of Gyration, strong axis (r_x) 4.499 in. Moment of Inertia, weak axis (I_y) 1.3210 in⁴ Radius of Gyration, weak axis (r_v) 0.9948 in.

Effective Section Properties:

Effective Moment of Inertia (I_{x eff}) 24.730 in⁴ Effective Section Modulus (S_{x eff}) 4.122 in³ Allowable Moment (Ma) 123.41 inch-kips

Torsional Properties:

St. Venant Torsional Constant (J x 1000)	1.27 in ⁴
Warping Constant (Cw)	. 6.21 in ⁶
Polar Radius of Gyration (ro)	2.36 in
Distance of centroid from shear center (Xo)	6.21 in
Beta	0.8552

Codes & Standards:

Super Stud products comply with the applicable provisions of the following:

International Building Code (IBC) 2006 - 2018 Sheet Steel: ASTM A1003 and ASTM A653

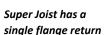
Galvanized Coating: ASTM A653

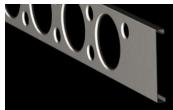
Members & Tolerances: ASTM C955 and AISI S240 Meets ASTM C1007 when installed properly in structure 3rd Party Certification: Manufacturing verified & inspected

by Home Innovation Research Labs, Inc.

SUPER-IDIST







Super Joist & SuperMAXX Hole Pattern: 8" - 18" Web Depth

Joist Member Hole Sizing & Spacing

Α	В	С	D	E
Section Web Depth (in.)	Large Hole Diameter (in.)	Large Hole Spacing (in. O.C.)	Small Hole Diameter (in.)	Min. Distance from end to center of First Large Hole (in.)
12	8.25	12	2.25	33
14	8.25	12	2.25	33

