Product Application

StiffClip® JH connects floor joists to beams. StiffClip JH resists vertical loads. Design loads consider clip strength only. Size and number of fasteners used is based on fastener manufacturer's allowable load data.

Material Composition

Steel: ASTM A653/A653M, Grade 50 (340), 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, G-90 (Z275) hot-dipped galvanized coating.

Available Thicknesses

Mils	Gauge	Decimal (in)
43	18	0.0451
68	14	0.0713
97	12	0.1017

Quantity / Order Information

Designation	Qty/ Box	Lbs/ Box	Pcs/ Skid	Lbs/ Skid
JH600x200-68mil	25	30	375	450
JH800x200-68mil	25	49	375	735
JH1000x200-68mil	25	58	375	870
JH1200x200-68mil	25	66	375	990

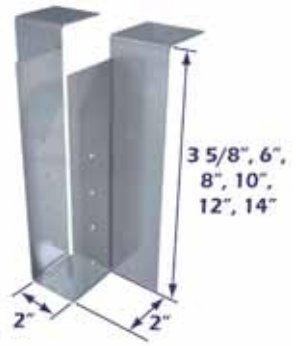
StiffClip JH Installation

Attach StiffClip JH to beam with required fasteners. Use blocking behind clip if clip length is less than beam depth.

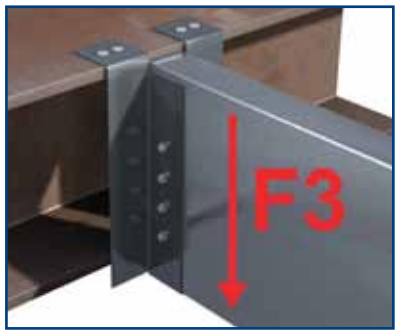
Place joist on ledge of StiffClip JH and attach clip to joist with required screws.

StiffClip JH Value

- Faster joist installation
- Guide holes for attachment to beam and screw placement to member (.172" in diameter)
- Engineered for steel joist
- Structurally load tested



Load Direction



StiffClip JH Nomenclature

StiffClip JH is designated by listing the joist depth in inches, followed by the inside flange dimension in inches x 100 (2" flange is standard, and will also service 1 5/8" flange), and the required clip thickness in mils that will accommodate anticipated loads.

Example: 8" joist, 3000lbs. load. Designate: JH800X200-68mil

Allowable Loads

StiffClip JH362/JH400, 43mils			StiffClip JH362/JH400, 68mils			StiffClip JH600, 43mils			StiffClip JH600, 68mils			StiffClip JH800, 43mils		
Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 1 #12 screw (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 1 #12 screw (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 2 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 2 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 3 #12 screws (kips)
33 (20)	33	1.024	33 (20)	33	1.024	33 (20)	33	0.638	33 (20)	33	0.638	33 (20)	33	0.474
33 (20)	50	1.102	33 (20)	50	1.102	33 (20)	50	0.644	33 (20)	50	0.644	33 (20)	50	0.478
43 (18)	33	1.739	43 (18)	33	1.739	43 (18)	33	1.416	43 (18)	33	1.416	43 (18)	33	1.051
43 (18)	50	2.030	43 (18)	50	2.141	43 (18)	50	1.433	43 (18)	50	1.433	43 (18)	50	1.060
54 (16)	33	2.030	54 (16)	33	2.884	54 (16)	33	1.863	54 (16)	33	1.863	54 (16)	33	1.380
54 (16)	50	2.030	54 (16)	50	3.200	54 (16)	50	2.030	54 (16)	50	2.823	54 (16)	50	2.030
68 (14)	50	2.030	68 (14)	50	3.200	68 (14)	50	2.030	68 (14)	50	3.200	68 (14)	50	2.030
97 (12)	50	2.030	97 (12)	50	3.200	97 (12)	50	2.030	97 (12)	50	3.200	97 (12)	50	2.030

StiffClip JH800, 68mils			StiffClip JH1000, 68mils			StiffClip JH1000, 97mils			StiffClip JH1200, 68mils			StiffClip JH1200, 97mils		
Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 3 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 4 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 4 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 5 #12 screws (kips)	Joist Thickness Mils (ga)	Fy (yield) Joist (ksi)	F3 w/ 5 #12 screws (kips)
33 (20)	33	0.474	33 (20)	33	N/A	33 (20)	33	N/A	33 (20)	33	N/A	33 (20)	33	N/A
33 (20)	50	0.478	33 (20)	50	N/A	33 (20)	50	N/A	33 (20)	50	N/A	33 (20)	50	N/A
43 (18)	33	1.051	43 (18)	33	0.836	43 (18)	33	0.836	43 (18)	33	N/A	43 (18)	33	N/A
43 (18)	50	1.060	43 (18)	50	0.836	43 (18)	50	0.836	43 (18)	50	N/A	43 (18)	50	N/A
54 (16)	33	1.380	54 (16)	33	1.096	54 (16)	33	1.096	54 (16)	33	1.377	54 (16)	33	1.377
54 (16)	50	2.091	54 (16)	50	1.661	54 (16)	50	1.661	54 (16)	50	1.377	54 (16)	50	1.377
68 (14)	50	3.200	68 (14)	50	3.200	68 (14)	50	3.345	68 (14)	50	2.771	68 (14)	50	2.774
97 (12)	50	3.200	97 (12)	50	3.200	97 (12)	50	4.570	97 (12)	50	3.200	97 (12)	50	4.570

◆ **Design loads based on clip capacity only. Allowable loads have not been increased for wind, seismic, or other factors.**

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