

HU/HUC Hangers

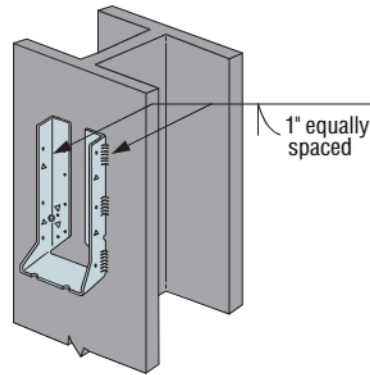
Material: 68 mil (14 ga.)

Finish: Galvanized (G90)

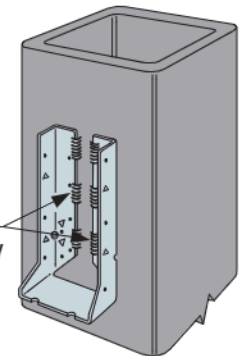
Installation:

- Single Joist — Fill all round holes on one leg of HU/HUC with #10 screws to web of joist.
- Boxed Joist — Fill all round holes on both legs of HU/HUC with #10 screws to web of both joists.
- Screw attach to Steel — Fill all round holes on both flanges to structural steel support.
- Weld attach to Steel — Use 1" weld segments equally spaced top and bottom with half the segments on each side of hanger. Welds may be either lap joint (on outside edge of flanges) or flare-bevel groove (on flange bend line).

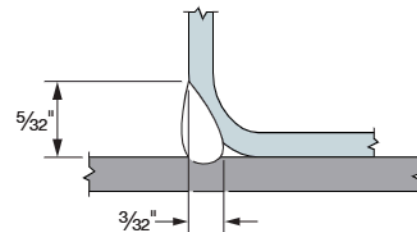
Codes: See p. 13 for Code Reference Key Chart



Flare-Bevel Groove Weld
(see detail)



Lap-Joint Fillet Weld



Flare-Bevel Groove Weld Detail

HU/HUC Allowable Loads (lb.)

Model No.	Fasteners		Joist Depth (in.)	Joist Thickness mil (ga.)	ASD		Code Ref.
	Face	Joist			Download (lb.)	Uplift (lb.)	
HU36/ HUC36	(8) #12	(2) #10	6	33 (20)	990	355	—
				43 (18)	1,480	525	
				54 (16)	1,480	915	
				68 (14)	1,400	1,080	
				97 (12)	1,400	1,080	
HU38/ HUC38	(10) #12	(2) #10	8	33 (20)	825	355	—
				43 (18)	1,220	525	
				54 (16)	1,220	915	
				68 (14)	1,500	1,080	
				97 (12)	1,500	1,080	
HU310/ HUC310	(14) #12	(3) #10	10	43 (18)	1,435	790	—
				54 (16)	1,585	1,495	
				68 (14)	1,995	1,620	
				97 (12)	1,995	1,620	
HU312/ HUC312	(16) #12	(3) #10	12	54 (16)	1,355	1,495	—
				68 (14)	1,985	1,620	
				97 (12)	1,985	1,620	

1. Loads assume E-70S-6 (60 ksi) filler rod.
2. Welds must conform to the current AWS D1.3 structural welding code for sheet steel and must be performed by a certified welder.
3. Designer shall ensure that the joist member adequately transfers load to hanger.
4. Design loads must not exceed the weld capacities onto steel members of 3,280 lb. for four 1" segment weld, and 4,855 lb. for six 1" segment weld.
5. See the current *Fastening Systems* catalog at strongtie.com for more information on Simpson Strong-Tie fasteners.

Installation for CFS Built-Up Beam
The designer is responsible for design of beam member.

