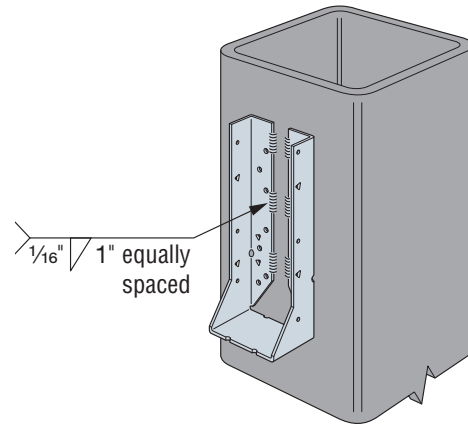


HU/HUC Welded onto Steel Members

Non-modified HU series hangers may be welded to supporting structural steel members.

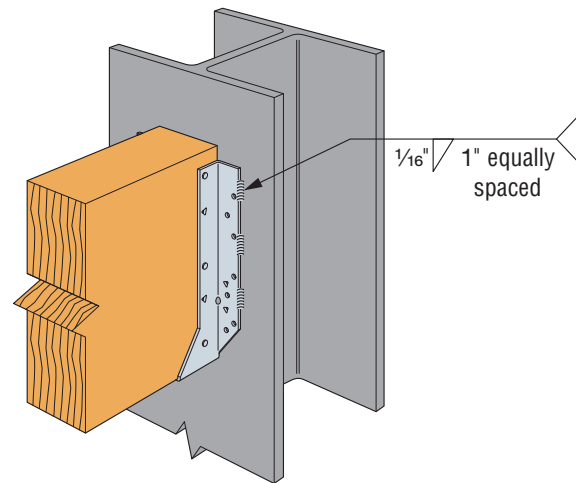
- Use 1" weld segments equally spaced top to bottom, with half the segments on each side of hanger.
- Welds may be either lap joint (on outside edge of flanges) or flare bevel groove (on flange bend line).



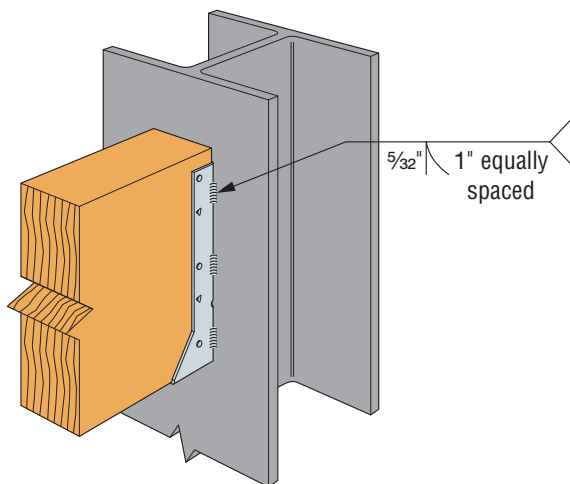
Lap Joint Fillet Weld

Use	Allowable Downloads
(4) 1" segments	3,475 lb. or less
(6) 1" segments	3,480 lb. to 4,855 lb.

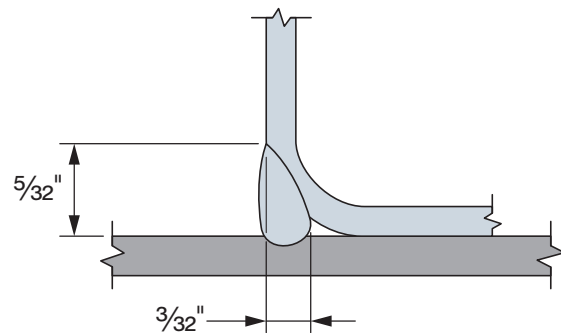
1. Design loads must not exceed the current *Wood Construction Connectors* catalog capacity for specific hanger and application used.
2. Loads assume E-70XX weld material (e.g. E-70S-E).
3. Caution: Welding galvanized steel may produce harmful fumes; follow proper welding procedures and safety precautions. Welding should be in accordance with A.W.S. standards.
4. Welds must conform to the current A.W.S. D1.3 structural welding code for sheet steel.
5. This connection involves welding 14 gauge to heavy structural steel. It should only be performed by skilled, qualified welders.
6. For uplift loads, use values for wood-to-wood connectors shown in the current *Wood Construction Connectors* catalog.



Lap Joint Fillet Weld



Flare Bevel Groove Weld
(see detail)



Flare Bevel Groove Weld Detail



HU/HUC Welded onto Steel Members

Allowable Loads

Model No.		Fasteners	DF/SP Allowable Load (lb.)			
			(4) 1" welds		(6) 1" welds	
Standard	Concealed	Joist	Uplift (160)	Download	Uplift (160)	Download
HU212	(Not available)	(6) 10d x 1 1/2"	1,135	2,745	1,135	2,745
HU214	(Not available)	(6) 10d x 1 1/2"	1,135	2,705	1,135	2,705
HU216	(Not available)	(8) 10d x 1 1/2"	1,515	3,000	1,515	3,000
HU24-2 ¹	HUC24-2	(2) 10d common	380	1,580	—	—
HU26-2 ¹	HUC26-2	(4) 10d common	760	2,705	760	2,705
HU28-2	HUC28-2	(4) 10d common	760	3,040	760	3,040
HU210-2	HUC210-2	(6) 10d common	1,135	3,475	1,135	4,100
HU212-2	HUC212-2	(6) 10d common	1,135	3,475	1,135	4,100
HU214-2	HUC214-2	(8) 10d common	1,515	3,475	1,515	4,550
HU216-2	HUC216-2	(8) 10d common	1,515	3,475	1,515	4,420
HU44 ¹	HUC44	(2) 10d common	380	1,580	—	—
HU46 ¹	HUC46	(4) 10d common	760	2,705	760	2,705
HU48	HUC48	(4) 10d common	760	2,705	760	2,705
HU410	HUC410	(6) 10d common	1,135	3,475	1,135	4,100
HU412	HUC412	(6) 10d common	1,135	3,300	1,135	3,300
HU414	HUC414	(8) 10d common	1,515	3,475	1,515	4,550
HU416	HUC416	(8) 10d common	1,515	3,475	1,515	4,420
HU26-3 ¹	HUC26-3	(4) 10d common	760	2,705	760	2,705
HU210-3	HUC210-3	(6) 10d common	1,135	3,475	1,135	4,100
HU212-3	HUC212-3	(6) 10d common	1,135	3,300	1,135	3,300
HU214-3	HUC214-3	(8) 10d common	1,515	3,475	1,515	4,550
HU216-3	HUC216-3	(8) 10d common	1,515	3,475	1,515	4,420
HU66 ¹	HUC66	(4) 10d common	760	2,705	760	2,705
HU68	HUC68	(4) 10d common	760	3,040	760	3,040
HU610	HUC610	(6) 10d common	1,135	3,475	1,135	4,100
HU612	HUC612	(6) 10d common	1,135	3,300	1,135	3,300
HU614	HUC614	(8) 10d common	1,515	3,475	1,515	4,550
HU616	HUC616	(8) 10d common	1,515	3,475	1,515	4,420

1. Lap joint fillet weld not allowed. Use flare bevel groove weld only.

Model No.		Fasteners	DF/SP Allowable Load (lb.)			
			(4) 1" welds		(6) 1" welds	
Standard	Concealed	Joist	Uplift (160)	Download	Uplift (160)	Download
HU7	(Not available)	(4) 10d x 1 1/2"	760	2,410	760	2,410
HU9	(Not available)	(6) 10d x 1 1/2"	1,135	3,320	1,135	3,320
HU11	(Not available)	(6) 10d x 1 1/2"	1,135	3,320	1,135	3,320
HU14	(Not available)	(8) 10d x 1 1/2"	1,515	3,475	1,515	3,575
HU410-2	HUC410-2	(6) 16d common	1,135	3,475	1,135	4,100
HU412-2	HUC412-2	(6) 16d common	1,345	3,475	1,345	4,100
HU414-2	HUC414-2	(6) 16d common	1,135	3,475	1,135	4,550

For other HU or HUC models, use Uplift values as shown in the most recent *Wood Construction Connectors* catalog. For download, use the lesser of Download values as shown in the most recent *Wood Construction Connectors* catalog and 3,475 lb. for (4) 1" weld segments or 4,855 lb. for (6) 1" weld segments.