HH

Header Hanger

For fast, accurate installation of door and window headers and other cross members. HH header hangers can speed up the job, strengthen the frame, and eliminate the need for trimmers.

Material: 16 gauge

Finish: Galvanized

Installation:

- Use all specified fasteners; see General Notes
- Attachment to 2x studs will result in two round holes not being filled in the studs and load reductions as noted in table

Codes: See p. 12 for Code Reference Key Chart



Typical HH Installation

Solid Sawn Joist Hangers

Dimensions (in.)		Min. Post Size	Fasteners (in.)		DF/SP Allowable Loads								
			Stud	Hoodor	F ₁			F ₂	F ₃	F4	Code Ref.		
W	Н	1 001 0120	3100	Header	(100)	(115)	(125)		(160)				
	2 213/16	2x	(7) 0.148 x 1 1⁄2	(4) 0.148 x 1 ½	850	965	1,035	_	540	625	IBC, FL, LA		
HH4 31⁄2		Double 2x	(7) 0.162 x 21⁄2	(4) 0.162 x 21⁄2	1,005	1,140	1,230	—	720	965			
		Зx	(9) 0.162 x 31⁄2	(4) 0.162 x 3½	1,295	1,470	1,585	675	720	965			
	1⁄2 51⁄8	2x	(10) 0.148 x 1 ½	(6) 0.148 x 1 ½	1,215	1,375	1,480	—	1,085	970			
5½		Double 2x	(10) 0.162 x 21⁄2	(6) 0.162 x 2½	1,440	1,630	1,760	—	1,045	1,605			
		Зx	(12) 0.162 x 31⁄2	(6) 0.162 x 31⁄2	1,725	1,955	2,110	980	1,045	1,605			
	(ii W 3½	(in.) W H 31/2 213/16	Min. Post Size W H 21% 2x 32% 21% 0uble 2x 3x 3x 2x 5% Double 2x	Min. Post Size Min. Post Size Stud W H 2x (7) 0.148 x 1½ 3½ 2 ¹³ / ₄₆ Double 2x (7) 0.162 x 2½ 3x (9) 0.162 x 3½ 3x (9) 0.162 x 3½ 5½ 5% Double 2x (10) 0.148 x 1½	Min. (in.) Min. Post Size Min. Stud Header W H 2000000000000000000000000000000000000	Min. (in.) Min. Post Size Stud Header (100) W H 2x (7) 0.148 x 1½ (4) 0.148 x 1½ 850 3½ 2 ^{1%} 6 Double 2x (7) 0.148 x 1½ (4) 0.162 x 2½ 1,005 3x (9) 0.162 x 3½ (4) 0.162 x 3½ 1,295 5½ 5% Double 2x (10) 0.148 x 1½ (6) 0.148 x 1½ 1,215	Min. (in.) Min. Post Size Min. Stud Header F1 W H 2000 (115) (100) (115) 3½ 2% 2% (7) 0.148 x 1½ (4) 0.148 x 1½ 850 965 3½ 2% Double 2x (7) 0.162 x 2½ (4) 0.162 x 3½ 1,005 1,140 3x (9) 0.162 x 3½ (4) 0.162 x 3½ 1,215 1,375 5½ 5% Double 2x (10) 0.162 x 2½ (6) 0.162 x 2½ 1,440 1,630	Min. (in.) Min. Post Size Min. Stud Header F1 W H 2 (7) 0.148 x 1½ (4) 0.148 x 1½ 850 965 1,035 3½ 2 ^{1%} / ₁₆ Double 2x (7) 0.148 x 1½ (4) 0.162 x 2½ 1,005 1,140 1,230 3½ 2 ^{1%} / ₁₆ Ouble 2x (7) 0.148 x 1½ (6) 0.148 x 1½ 1,295 1,470 1,585 5½ 5½ Double 2x (10) 0.148 x 1½ (6) 0.162 x 2½ 1,400 1,630 1,760	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		



HH Load Directions

1. Loads have been increased for wind or earthquake loading, with no further increase allowed. Reduce where other loads govern.

2. For 3x posts, 0.162" x 21/2" nails may be substituted with no reduction in load.

3. For SPF/HF lumber, use 0.86 x DF/SP allowable loads.

4. Fasteners: Nail dimensions in the table are listed diameter by length. See pp. 21-22 for fastener information.

RR

Ridge Rafter Connector

An interlock provides alignment control and correct nailing locations. For a rafter-to-face connector, flatten the top flange into the face plane. The RR may be used with rafters sloped up to 30°.

Material: 18 gauge

Finish: Galvanized

Installation:

• Use all specified fasteners; see General Notes

Codes: See p. 12 for Code Reference Key Chart

Many of these products are approved for installation with Strong-Drive® SD SD Connector screws. See pp. 335-337 for more information.

Model No.		Fasten	ers (in.)	Uplift	Allowabl		
	Min. Rafter				DF/	Code	
	Size	Header	Rafter	(160)	Floor (100)	Roof (125)	Ref.
RR	2x6	(4) 0.148 x 1 ½	(4) 0.148 x 1 ½	130	330	330	IBC, FL, LA

1. Roof loads are 125% of floor loads unless limited by other criteria. Floor loads may be adjusted for load durations according to the code provided they do not exceed those in the roof column.

2. Fasteners: Nail dimensions in the table are listed diameter by length. See pp. 21-22 for fastener information.





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