

HRC Hip Ridge Connectors

The HRC series are field slopeable connectors that attach hips to ridge members or trusses. The HRC may be sloped to 45° with no reduction in loads.

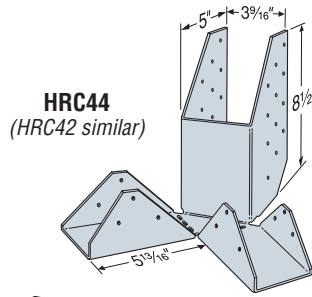
MATERIAL: HRC22, HRC42—16 gauge; HRC44—14 gauge

FINISH: Galvanized

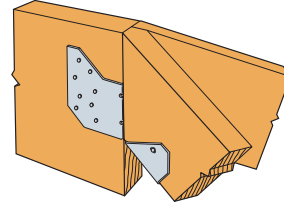
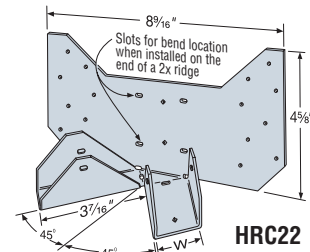
INSTALLATION:

- Use all specified fasteners. See General Notes.
- On end of ridge—use optional diamond holes on HRC22 and HRC42 to secure the HRC. Bend face flanges on HRC22 back flush with ridge, and complete nailing.
- HRC22 on face of ridge—adjust to correct height and install nails.
- Double bevel-cut hip members to achieve full bearing capacity.

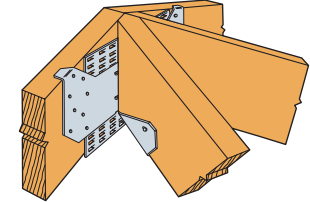
CODES: See page 12 for Code Reference Key Chart.



U.S. Patent 5,380,116



Typical HRC22 Installation on the end of a ridge



Optional Installation for HRC22 only

Model No.	Member Size		Fasteners		DF/SP Allowable Loads				SPF/HF Allowable Loads				Code Ref.
	W	Ridge	Carrying Member	Each Hip	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
HRC22	1 1/8"	2x or 1 3/4" wide	16-10dx1 1/2"	2-10dx1 1/2"	290	720	830	900	250	625	720	780	I8, F7
HRC42	1 1/8"	4x	16-16d	2-10dx1 1/2"	290	1050	1050	1050	250	905	905	905	
HRC44	3 3/8"	4x	24-16d	6-16d	480	1610	1775	1775	410	1385	1525	1525	

1. Allowable loads shown are for each hip. Total load carried by the connector is double this number.
2. Uplift loads include a 60% increase for wind or earthquake loading with no further increase allowed; reduce where other loads govern.
3. Roof loads are 125% of floor loads unless limited by other criteria.
4. **NAILS:** 16d = 0.162" dia. x 3 1/2" long, 10dx1 1/2" = 0.148" dia. x 1 1/2" long. See page 16-17 for other nail sizes and information.

PF Post Frame Hangers

PFD and PFA post frame hangers have double shear nailing to speed installation. Diamond holes allow easy hanger alignment and attachment.

MATERIAL: PF24, PF26—18 gauge; all others 20 gauge

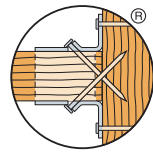
FINISH: Galvanized. Some products available in ZMAX® coating; see Corrosion Information, page 10-11.

INSTALLATION: • Use all specified fasteners. See General Notes.

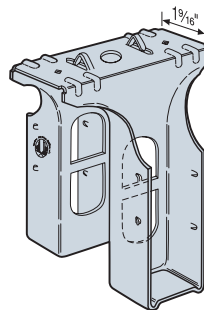
- Diamond holes on PFD allow optional top flange nailing.
- Carried member nails must be driven at an angle through the joist into the header to achieve the table loads.

OPTIONS: These hangers cannot be modified.

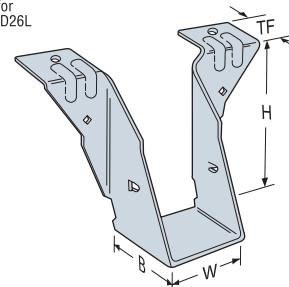
CODES: See page 12 for Code Reference Key Chart.



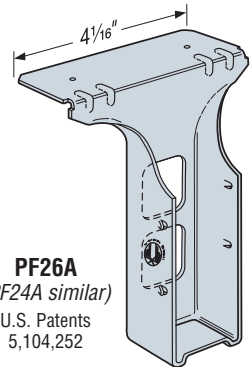
Double Shear Nailing (Top View)



PFD26
(PFD24, PFDS24, PFDS26, PFD26L similar)
U.S. Patent 5,104,252



PF24
(PF26 similar)



PF26A
(PF24A similar)
U.S. Patents 5,104,252

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Dimensions				Fasteners		DF/SP Allowable Loads					SPF/HF Allowable Loads					Code Ref.
	W	H	B	TF	Carrying Member	Carried Member	Uplift ¹ (160)	Floor (100)	Snow (115)	Roof (125)	Wind (133)	Uplift ¹ (160)	Floor (100)	Snow (115)	Roof (125)	Wind (133)	
PF24	1 1/8"	3 3/8"	1 1/2"	1 1/8"	2-10d	2-10d	310	955	955	955	955	230	650	660	660	660	I10, L13, F9
PF24A	1 1/8"	3 3/8"	1 1/4"	1 1/2"	2-10d	2-10d	280	840	865	885	895	230	650	660	660	660	I10, F9
PFD24	1 1/8"	3 3/8"	1 1/4"	1 1/8"	2 PRONGS	2-10d	280	840	865	885	895	230	650	675	690	700	I10, F9
PFDS24	1 1/8"	3 3/8"	1 1/4"	3/4"	2 PRONGS	2-10d	280	840	865	885	895	230	650	660	660	660	170
PF26	1 1/8"	5 3/8"	1 1/2"	1 1/8"	2-10d	2-10d	310	955	955	955	955	455	805	850	880	905	I10, L13, F9
PF26A	1 1/8"	5 3/8"	1 1/4"	1 1/2"	2-10d	4-10d	620	970	1020	1050	1075	505	765	770	770	770	I10, F9
PFD26	1 1/8"	5 3/8"	1 1/4"	1 1/8"	2 PRONGS	4-10d	560	1015	1070	1105	1130	455	805	850	880	905	I10, F9
PFD26L	1 1/8"	5 3/8"	1 1/2"	1 13/16"	2-10d	2-10d	310	955	955	955	955	455	805	850	880	905	170
PFDS26	1 1/8"	5 3/8"	1 1/4"	3/4"	4-10d	4-10d	620	970	1020	1050	1075	505	765	805	835	855	I10, F9

1. Uplift loads have been increased 60% for wind or earthquake loading with no further increase allowed; reduce where other loads govern.
2. **NAILS:** 10d = 0.148" dia. x 3" long. See page 16-17 for other nail sizes and information.