

## Technical data sheet

**SIMPSON**

**Strong-Tie**

HRC

### Hip Ridge Connector

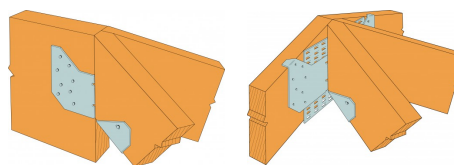
*The HRC is a one-piece connector for supporting hip members from the ridge beam or rafters. It is site adjustable for slopes up to 45°, to cater for the hip pitch for both left and right rafters.*

## Features

### Material

- Pre-galvanised mild steel

CE



## HRC Hip Ridge Connector

## Technical Data

### HRC Product Dimensions

References	Previous Product Code	Ridge Thickness [mm]	Hanger Dimensions [mm]					Header Holes		Joist holes		
			A	B	C	D	t	Ø4	Ø4.3	Ø4.3	Ø4.3x8 Obround	Ø4x6 Obround
HRC46	HRC1.81	38-50	46	118	87	218	1.5	-	16	-	4	-
HRC50	n/a	38-50	50	118	87	218	1.5	16	-	-	-	4
HRC90	HRC44	90	90	216	148	90	2	-	24	12	-	-

### HRC Product Capacities

References	Previous Product Code	Fasteners		Characteristic Capacities [kN]				Safe Working Loads [kN]			
		Header	Joist	R <sub>1,k</sub>		R <sub>2,k</sub>		R <sub>1,SWL, Medium Term</sub>		R <sub>2,SWL, Short Term</sub>	
		Qty	Qty	N3.75x30	N4.0x90	N3.75x30	N4.0x90	N3.75x30	N4.0x90	N3.75x30	N4.0x90
HRC46	HRC1.81	16	4	2.8	-	0.9	-	3.5	-	0.9	-
HRC50	n/a	16	4	2.8	-	0.9	-	3.5	-	0.9	-
HRC90	HRC44	24	12	-	10.4	-	3.5	-	6.8	-	1.9

Performance values shown are for each hip. total load carried by the connector is double this value

## HRC Hip Ridge Connector

### Installation

#### Installation

- On the end of the ridge, use optional slots to secure the HRC50 and HRC1.81. Bend face flanges back flush with the ridge, and complete the nailing.
- On face of ridge, adjust to correct height and install nails.
- Obround nail holes ease rafter installation.
- Optional diamond holes on the HRC range (except HRC44) are for installation convenience.
- Double bevel cut hip members to achieve full bearing capacity.
- May be sloped to 45° with no reduction in loads.

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HRC  
Hip Ridge Connector

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