



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.

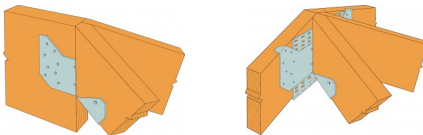


[UK-DoP-e08/0053](#), [ETA-08/0053](#)

**FEATURES**

**Material**

- Pre-galvanised mild steel



**TECHNICAL DATA**

**HRC Product Dimensions**

| References | Previous Product Code | Ridge Thickness [mm] | Hanger Dimensions [mm] |     |     |     |     | Header Holes<br>Ø5 | Joist holes |                |              |  |
|------------|-----------------------|----------------------|------------------------|-----|-----|-----|-----|--------------------|-------------|----------------|--------------|--|
|            |                       |                      | A                      | B   | C   | D   | t   |                    | Ø5          | 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

## 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.