



The first part of the connector is fixed into a pocket on the header timber with nails and the second part is fitted on the end of the in-coming beam with screws.



[UK-DoP-e07/0245](#)  
[ETA-07/0245](#)

## FEATURES

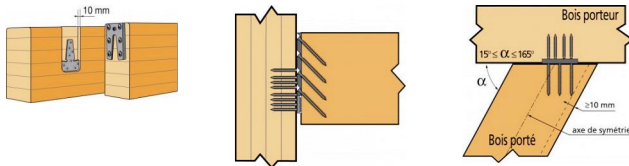


### Material

- Joist plate: 10mm aluminium.
- Header plate: 6mm aluminium.

### Benefits

- Concealed connection.
- Multiple applications.



## APPLICATIONS

### Header member

Glulam joist and headers.

### For Use With

Wood to wood connections only.

TECHNICAL DATA

ETB Performance Vales

| References | Joist Size [mm] |        |        | Dimensions [mm] |     |     |     |     |     | Fasteners    |                 |              |              | Characteristic Capacity [kN] |
|------------|-----------------|--------|--------|-----------------|-----|-----|-----|-----|-----|--------------|-----------------|--------------|--------------|------------------------------|
|            | Min             |        | Height | A               | B   | E   | E1  | Ep1 | Ep2 | Header Nails |                 | Joist Screws |              | Download                     |
|            | Width           | Height | Max    |                 |     |     |     |     |     | Qty          | Specificatio    | Qty          | Specificatio |                              |
| ETB90-B    | 70              | 115    | 150    | 60              | 90  | 69  | 58  | 6   | 10  | 6            | CNA<br>4.0 x 60 | 4            | 5.0 x 80     | 13.0                         |
| ETB120-B   | 70              | 150    | 200    | 60              | 121 | 95  | 85  | 6   | 10  | 9            | CNA<br>4.0 x 60 | 6            | 5.0 x 80     | 18.7                         |
| ETB160-B   | 70              | 185    | 250    | 60              | 166 | 130 | 95  | 6   | 10  | 11           | CNA<br>4.0 x 60 | 8            | 5.0 x 80     | 24.2                         |
| ETB190-B   | 90              | 220    | 300    | 75              | 195 | 165 | 138 | 6   | 10  | 19           | CNA<br>4.0 x 60 | 11           | 5.0 x 80     | 32.2                         |
| ETB230-B   | 90              | 255    | 350    | 75              | 230 | 200 | 138 | 6   | 10  | 19           | CNA<br>4.0 x 60 | 14           | 5.0 x 80     | 40.0                         |

INSTALLATION

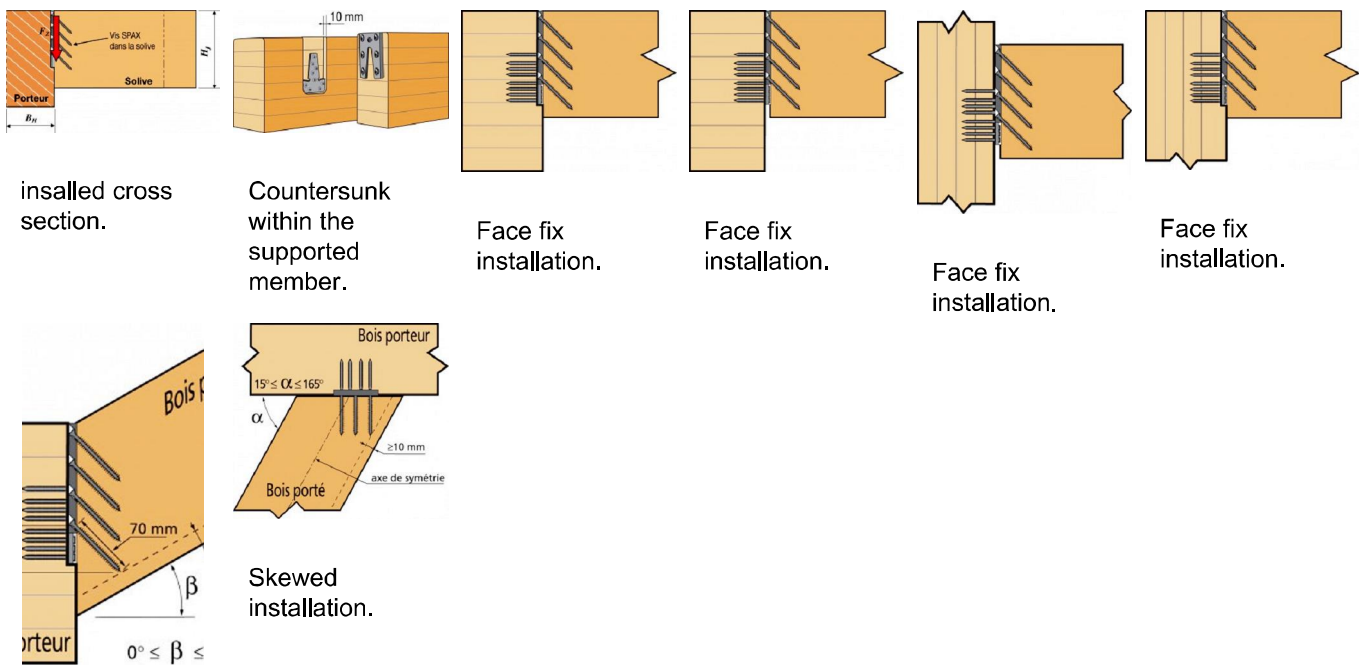
Fixing

To secure loads, spikes and screws used must comply with the ETA-04/0013.

Installation

Mounting brackets ETB is simplified by the use of a jig available from stock. The realization of the countersink is made with a strawberry Ø16 mm and Ø30 mm washer.

CAUTION: ETB bracket should not be used for an assembly with a negative slope.



Positive slope installation.

TECHNICAL NOTES