



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

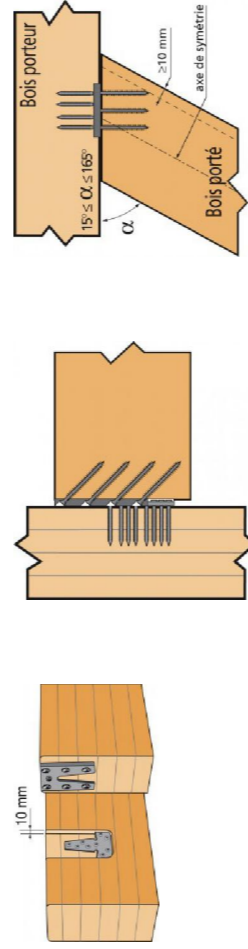


### Material

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

## INSTALLATION

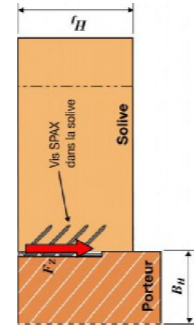
### Fixing

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

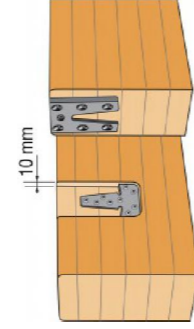
### Installation

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.

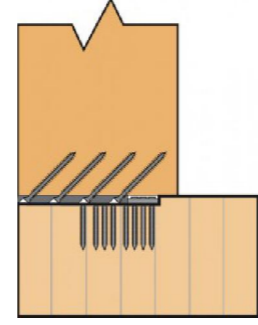
**CAUTION:** ETB bracket should not be used for an assembly with a negative slope.



installed cross section.



Countersunk within the supported member.



Face fix installation.



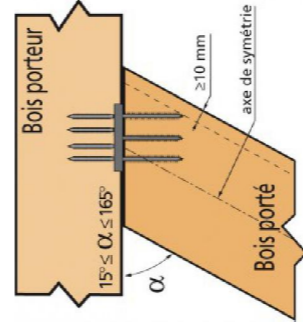
Face fix installation.



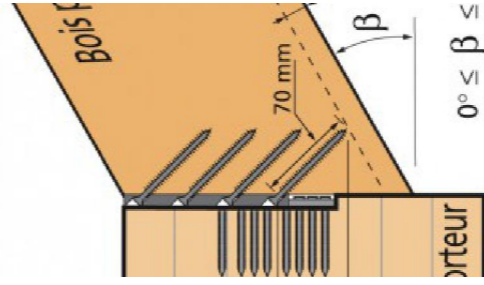
Face fix installation.



Face fix installation.



Skewed installation.



Positive slope installation.

## TECHNICAL NOTES