



The ET is used for supporting skewed timber joists from timber members. This range is tested and standardised with a 45° skew angle left or right.



[ETA-20/1072](#), [UK-DoP-e20/1072](#)

## FEATURES



### Material

- Pre-galvanised mild steel

### Benefits

- Install carried members at 45° skew left or right
- Fix to solid sawn timber



## APPLICATIONS

### Suitable On

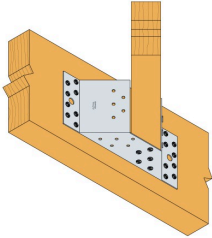
- **Supporting member:** solid wood, engineered timber (e.g. LVL, truss, glulam), concrete, steel
- **Supported member:** solid wood

### Applications

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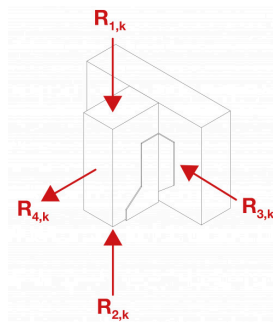
TECHNICAL DATA

Product Dimensions



References	Joist Size [mm]			Product Dimensions [mm]						Header holes		Joist holes
	Width	Height		A	B	C	D	F	t	Ø5	Ø11	Ø5
		Min	Max.									
ET248	38	97	145	59	92	65	189	46	1.5	14	2	6
ET260	47	97	145	67	95	55	177	35	1.5	16	2	10
ET301	2x38	97	145	108	95	55	218	35	1.5	16	2	16

Wood/wood fastening- Characteristic values in kn



References	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]	Safe Working Loads [kN]
	Header	Joist	$R_{1,k}$	$R_{1,SWL,LongTerm}$
	Qty	Qty	CNA4,0x35	C24 Header CNA4,0x35
ET248	14	6	8.7	3.6
ET260	16	10	10.5	4.4
ET301	16	16	11.2	4.7

Use a LS30 Skewable Angle for extra stability if the joist height exceeds 195mm

INSTALLATION

Fasteners on header

**Wood substrate:**

- CNA annular ring-shank nails dia. 4.0 x 35 mm

**Steel substrate:**

- Bolts dia. 12 mm (bolt diameter cannot be more than 2 mm smaller than the drill hole diameter)

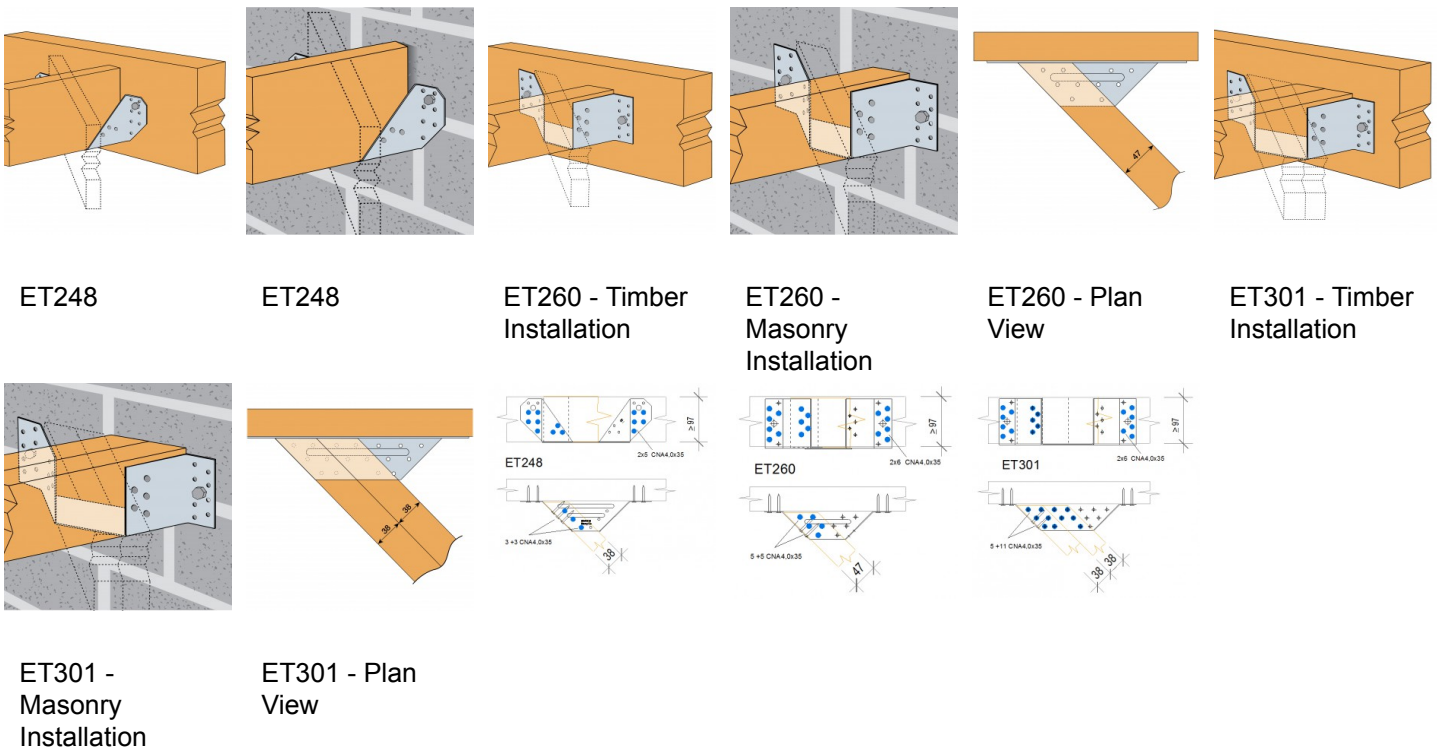
**Concrete substrate:**

- Mechanical anchor (dia. 12 mm: WA M10-78/5)
- Chemical anchor (dia. 12 mm: LMAS M10-110) with AT-HP resin

Installation

Use all specified fasteners. See General Notes.  
Verify that the header can take the required fasteners specified in the table.

Multi-ply joists must be connected together so that they act as one single element.



ET248

ET248

ET260 - Timber Installation

ET260 - Masonry Installation

ET260 - Plan View

ET301 - Timber Installation

ET301 - Masonry Installation

ET301 - Plan View