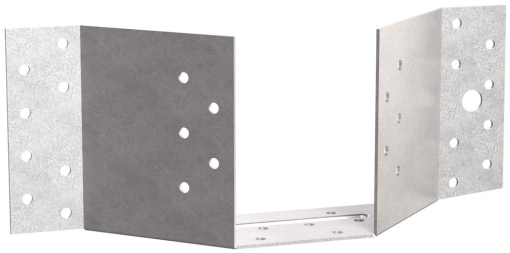
Technical Sheet

ET
Skewed 45° Hanger (right and left)

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.



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

- Timber to Timber

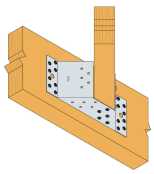
Technical Sheet

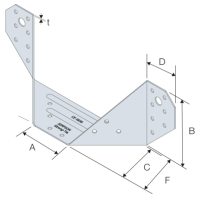
ET

Skewed 45° Hanger (right and left)

Technical Data

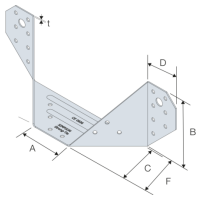
Product Dimensions

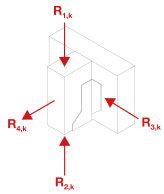




Reference	Connector Dimensions													
	Other		Timber size[mm]			Product Dimensions[mm]						Header holes		Joist holes
	Qty per Box	Weight[kg]	Width[mm]	Height		A[mm]	B[mm]	C[mm]	D[mm]	F[mm]	t[mm]	Round		Round
				Min[mm]	Max.[mm]							Ø5[mm]	Ø11[mm]	Ø5[mm]
ET248	30	0.27	38	97	145	59	92	65	189	46	1.5	14	2	6
ET260	30	0.33	47	97	145	67	95	55	177	35	1.5	16	2	10
ET301	30	0.34	2x38	97	145	108	95	55	218	35	1.5	16	2	16

Wood/wood fastening- Characteristic values in kn





Reference	Hanger capacity			
	Characteristic capacities - Timber to timber - Full nailing			
	Number of Fasteners		Product characteristic capacities - Timber C24[kN]	Safe Working Loads[kN]
	Header	Joist	$R_{1,k}$	R1,SWL,LongTerm
	Qty	Qty	CNA4.0x35	C24 header
ET248	14.0	6	8.7	-
ET260	16.0	10	10.5	-
ET301	16.0	16	11.2	-

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

ET
Skewed 45° Hanger (right and left)

Installation

Fasteners on header

Wood substrate:

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

Steel substrate:

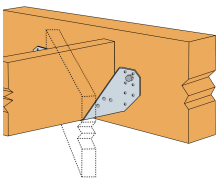
- Bolts dia. 12 mm (bolt diameter cannot be more than 2 mm smaller than the drill hole diameter)

Concrete substrate:

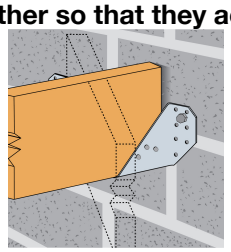
- *Mechanical anchor:* M10 x FM-753 - Length to be confirmed by Enginee
- *Chemical anchor:* AT-HP resin + LMAS M10 Rod - Length to be confirmed by Engineer

Installation

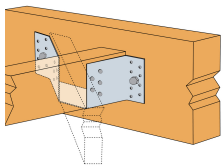
Use all specified fasteners. See General Notes.
Verify that the header can take the required fasteners specified in the table.
Multi-ply joists must be connected together so that they act as one single element.



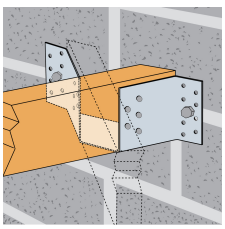
ET248



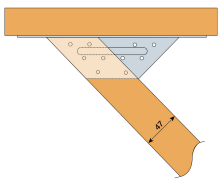
ET248



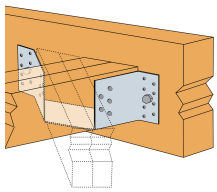
ET260 - Timber Installation



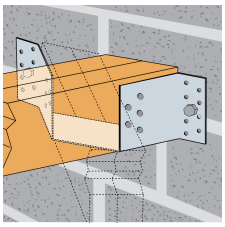
ET260 - Masonry Installation



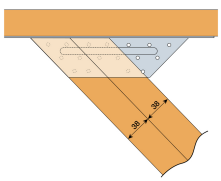
ET260 - Plan View



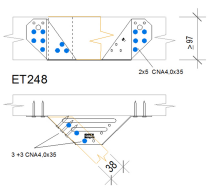
ET301 - Timber Installation

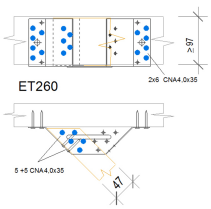


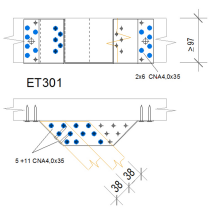
ET301 - Masonry Installation



ET301 - Plan View







Technical Sheet

ET
Skewed 45° Hanger (right and left)

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