

# ETB — Concealed Beam Hanger

**The ETB hidden connector provides a load-tested beam connection without any visible hardware. Interlocking plates are fastened onto each member and lock together for a secure structural connection.**

## Materials

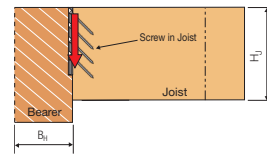
- Joist plate: 10mm aluminium.
- Header plate: 6mm aluminium.

## Features & Benefits

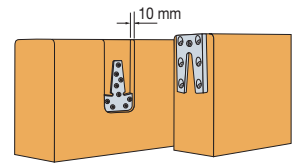
- The ETB concealed connector comes in two parts. The first is pocketed in the header timber and fixed with nails, while the second part is fitted to the end of the beam with screws. No slots or dowel holes are necessary, speeding up installation.
- Faster than other time-consuming methods.
- Requires removal of less beam material.
- Three sizes address common beam sizes.
- Connector can be routed into the beam end for a completely flush installation.
- Concealed connection.
- Multiple applications.

## Applications

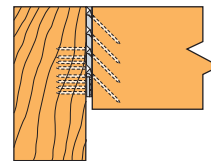
- For use with wood to wood connections only.



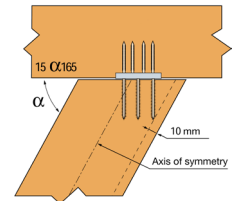
Installed cross section



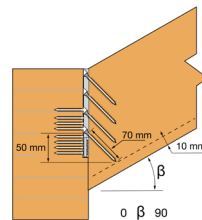
Countersunk within the supported member



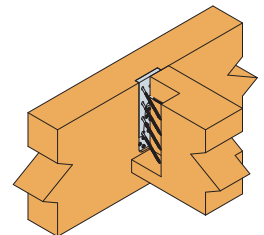
Face fix installation



Skewed installation.



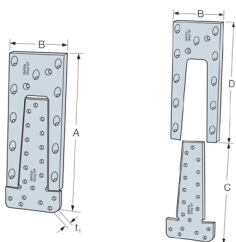
Positive slope installation



Installed cross section

## Product Dimensions

Model No.	Joist Size (mm)			Product Dimensions (mm)						Header Holes	Joist Holes	Box Quantity
	Width	Height		A	B	C	D	t <sub>1</sub>	t <sub>2</sub>	Ø5	Ø5.4	
ETB120-B	70	150	200	121	60	85	95	6	10	9	6	25
ETB160-B	70	185	250	166	60	95	130	6	10	11	8	25
ETB190-B	90	220	300	195	75	138	165	6	10	19	11	25



## Wood/Wood Fastening- Characteristic Values in kN

Model No.	Fasteners				Characteristic Capacity (kN)
	Header		Joist		R <sub>1,k</sub>
	Qty	Type	Qty	Type	
ETB120-B	9	CNA4.0x60	6	77308 (CSFT5.0x60)	16.7
ETB160-B	11	CNA4.0x60	8	77308 (CSFT5.0x60)	20.4
ETB190-B	19	CNA4.0x60	11	77308 (CSFT5.0x70)	22.2
Published Characteristic Capacities are per ETA-07-0245-2018-15					

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