

ETB

Concealed Beam Hanger

SIMPSON
Strong-Tie

The ETB is the ideal connector to use with Glulam Beams and Headers

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 and 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

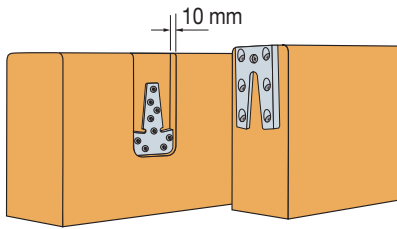
- For use with wood to wood connections only.



Installation

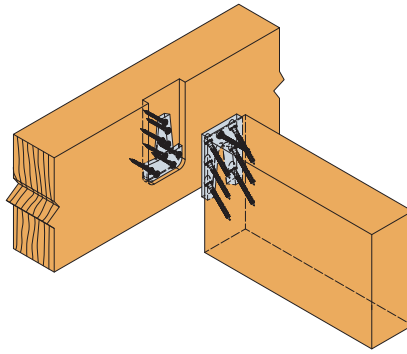
Step 1

Set up position of connector plates in desired location for rebate of Header. Rebate the pocket for header plate using an appropriate router and cutter.



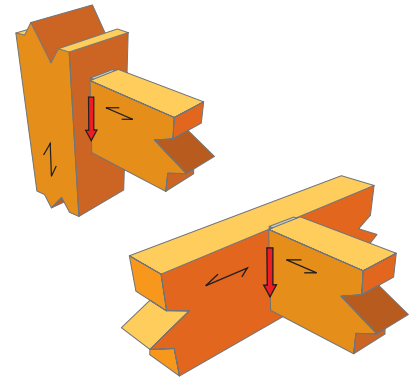
Step 2

- Affix both sides of the hanger using specified fasteners in each hole.



Step 3

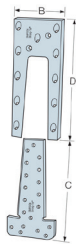
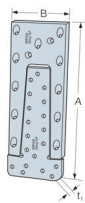
- Connect the beam and header (or beam and post) together by carefully lowering the beam into position from above.



- CAUTION: ETB bracket should not be used for an assembly with a negative slope installed
- Note: Order nails and screws separately.

Product Information

Model No.	Joist Size (mm)		Product Dimensions (mm)							Weight (g)	Header Holes 5mm	Joist Holes 5.4mm	CTN Qty	Box/CTN Barcode	CTN Dim. (W x L x H) and weight
	Width	Height Min Max	A	B	C	D	t ₁	t ₂							
ETB120-B	70	150 200	121	60	85	95	6	10	137	9	6	25	5701953991906 5701953362904	170 x 230 x 145mm, 3.68kg	
ETB160-B	70	185 250	166	60	95	130	6	10	191	11	8	25	5701953235703 5701953362911	195 x 295 x 205mm, 5.35kg	
ETB190-B	90	255 300	195	75	138	165	6	10	274	19	11	25	5701953112103 5701953362928	190 x 285 x 180mm, 7.20kg	



ETB120-B Carton



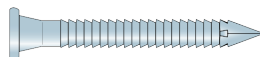
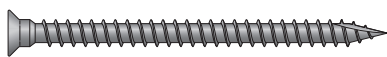
ETB160-B Carton



ETB190-B Carton

Partner Products

Model No.	Size (mm)	Finish	Drive Type	Box Qty	CTN Qty	Box/CTN Barcode	Box/Carton Dim. (W x L x H) and weight
77308 (CSFT5.0X70)	5.0 x 70mm	Zinc Flake	TX20	100	6	7318470262952/ 7318470262969	95 x 125 x 95mm, 0.65Kg
CNA4.0x60	4.0 x 60mm	Zinc Plated	N/A	250	8	5701953504304/ 5701953566449	195 x 295 x 205mm, 5.35kg



Designed and Tested

Simpson Strong-Tie® connectors have been designed and tested for use with specific types and sizes of nails or screws. The specified fastener size, type and quantity must be installed in the correct holes on the connector to achieve published loads.

Other factors such as the fastener material and finish are also important as the use of incorrect fasteners or misinstallation can compromise the connector performance and could lead to failure. Simpson Strong-Tie has a broad range of fasteners designed to suit our range of connectors.