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

Product Dimensions

• For use with wood to wood connections only.





SIMPSON

Strong-Tie

Installed cross section



the supported member





Face fix installation



Positive slope installation

Skewed installation.



Installed cross section

MadalNa	Jois	t Size (mn	n)	Product Dimensions (mm)						Header Holes	Joist Holes	Box Quantity
wouer no.	Width	Hei	ight	Α	В	C			t ₂	Ø5	Ø5.4	BOX QUAITILY
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

		I	Characteristic Capacity (kN)		
Model No.	Н	eader		Joist	
	Qty	Туре	Qty	Туре	n _{1'k}
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 (CSFT5.0X60)	22.2
Published Characteristic Cap	pacities are as p	per ETA-07-0245-201	3-15		

Simpson Strong-Tie® (New Zealand) Ltd Call 09 477 4440 www.strongtie.co.nz

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