

Technical data sheet



ATFN Concealed Beam Hanger

The ATFN is a two piece steel plate connector. The first part of the connector is fixed into a pocket on the header timber with nails and the second part is fitted on the end of the in-coming beam with screws. No slots or dowel holes are necessary, speeding up installation.

Features

Material

Pre-galvanised mild steel.

Avantages

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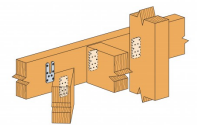
Applications

Suitable On

Glulam and solid sawn timber.

When to Use

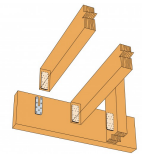
To provide an invisible connection for exposed timber members.



ATFN
Concealed Beam Hanger

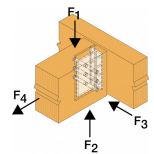
Technical Data

Product Dimensions



References	Joist Size [mm]		Product Dimensions [mm]				Header holes	Joist holes
	Width	Height	A	B	t ₁	t ₂	Ø5	Ø5
	Min	Min						
ATFN55/110	80	140	110	55	5	5	8	11
ATFN55/150	80	180	150	55	5	5	11	15
ATFN55/190	80	220	190	55	5	5	14	21
ATFN75/150	100	180	150	75	5	5	17	22
ATFN75/190	100	220	190	75	5	5	21	28

Product Capacities



References	Number of Fasteners				Product characteristic capacities - Timber C24 [kN]
	Header		Joist		R _{1,k} [1]
	Qty	Type	Qty	Type	CNA4,0x60
ATFN55/110	8	CSA5,0X50	11	CSA5,0X50	11.39
ATFN55/150	11	CSA5,0X50	15	CSA5,0X50	15.53
ATFN55/190	14	CSA5,0X50	21	CSA5,0X50	21.74
ATFN75/150	17	CSA5,0X50	22	CSA5,0X50	22.77
ATFN75/190	21	CSA5,0X50	28	CSA5,0X50	28.98

- CNA refers to an Annular Ring Shank Nail
- CSA Screw has reduced head height

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Installation

Fixing

- CSA 5,0 x 50-DE Screw (with a reduced head height).
- Order nails and dowels separately.

