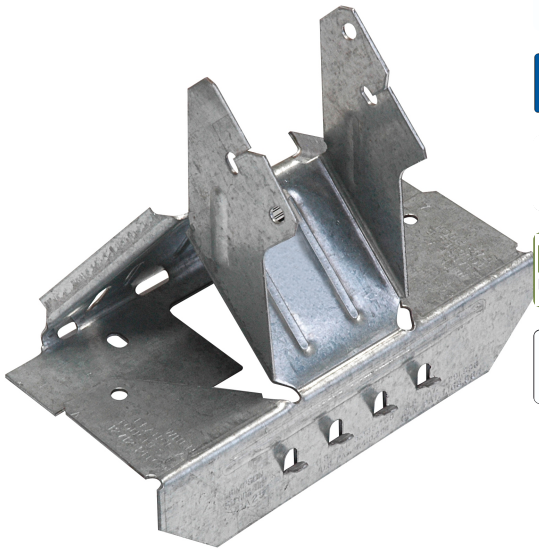
Technical Sheet

VPA
Variable Pitch Connector

The VPA is an engineered one-piece connector for attaching I-joist rafters to wall plates.

- *The VPA is adjustable to slopes between 15° and 45° with a special interlock design indicating when the maximum pitch is reached. This product complements the versatile LSSU.*
- *Designed for use with double 38mm top plates with a 50mm seat, which allows sufficient bearing area for most rafters.*
- *No notching of the I-joist is required when using the VPA. This connector reduces the need for bevelled plates and toenailing. It has positive angle nailing to speed installation and to minimise wood splitting.*



Features

Material

- Pre-galvanised mild steel

Advantages

v

Applications

Suitable For

- Timber Trusses.

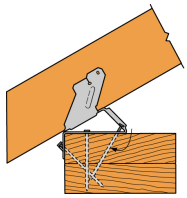
When to Use

- Truss to wall plate connections.

Technical Sheet

VPA
Variable Pitch Connector

Technical Data



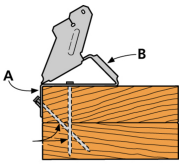
Dimensions and Specifications

Reference	Ties capacity	
	Fixing	
	Header	Joist
VPA25	8 Ø4,0x60	2 ø3,75x30
VPA4	11 Ø4,0x60	2 ø3,75x30
VPA35	9 Ø4,0x60	2 ø3,75x30

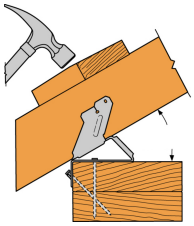
Characteristic Load Capacity

Reference	Ties capacity							
	Number of Fasteners	Characteristic Capacities[kN]						
	Header	Solid Section		I-Joist				
	Specification	Timber class C24		LVL Flanges		Solid Flanges		
		Download	Uplift	Download	Uplift	Download	Uplift	Lateral (F_1)
VPA25	CSA 4.0 x 30	5.31	1.94	4.76	3.69	5.31	1.94	2.17
VPA4	-	7.94	1.94	14.16	3.69	7.94	1.94	2.17
VPA35	-	6.19	1.94	6.79	3.69	6.19	1.94	2.17

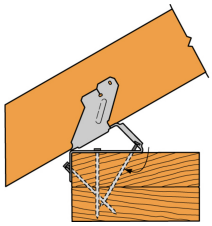
Installation



Step 1: Install top nails and face PAN nails in the "A" flange to outside wall top plate.



Step 2: Seat rafter with a hammer, adjusting the "B" flange to the required pitch.



Step 3: Install "B" flange nails in the obround nails holes, locking the pitch.

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