

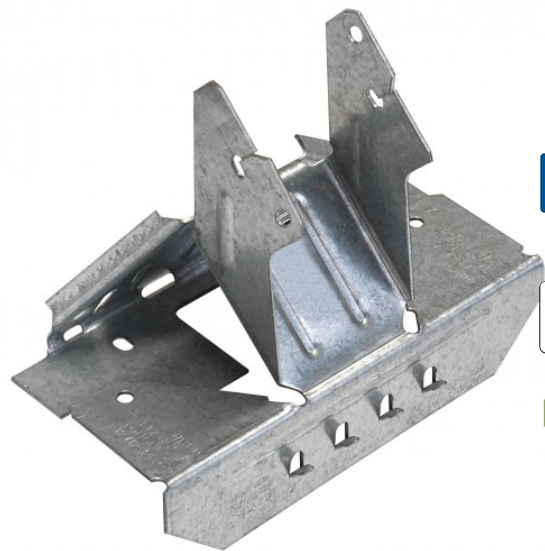
# Technical data sheet



## 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

### Avantages

v

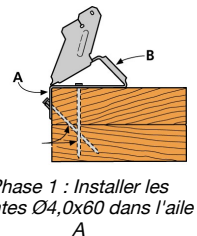
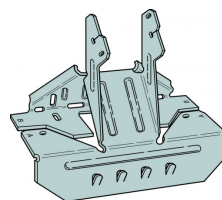
### Applications

### Suitable For

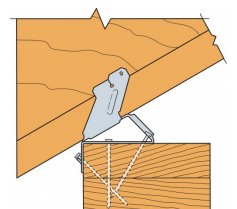
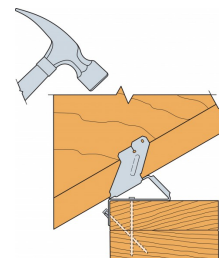
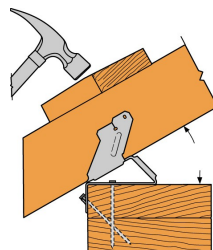
- Timber Trusses.

### When to Use

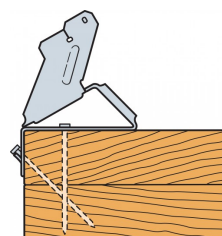
- Truss to wall plate connections.



Phase 1 : Installer les pointes Ø4,0x60 dans l'aile A



Phase 2 : Régler la pente souhaitée



## VPA Variable Pitch Connector

### Technical Data

#### Product Dimensions

References	Joist Width [mm]	Dimensions [mm]				Header Holes			Joist Holes
		A	B	C	t	Obrounds		Holes	Obrounds
						Ø4x6	PAN	Ø4.1	Ø4x6
VPA25	45	46	133	67	1.2	2	4	2	2
VPA50	47	50	124	62	1.2	3	4	2	2
VPA56	53	53	124	62	1.2	3	4	2	2
VPA61	58-60	61	132	62	1.2	3	4	2	2
VPA66	63	66	132	62	1.2	3	4	2	2
VPA72	70	72	137	62	1.2	3	4	2	2
VPA75	75	75	145	67	1.2	3	6	2	2
VPA4	90	90	183	67	1.2	3	6	2	2
VPA96	(2) 47	96	166	67	1.2	3	6	2	2
VPA99	96-97	99	170	67	1.2	3	6	2	2

#### Performance Values

References	Fasteners		Safe Working Loads [kN]			Characteristic Capacities [kN]								
	Header	Joist	R <sub>1,SWL,Med Term</sub>	R <sub>2,SWL,Short Term</sub>	R <sub>3&amp;4,SWL,Short Term</sub>	Solid Section			I-Joists					
	N3.75x75	N3.75x30				R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>3&amp;4,k</sub>	LVL Flanges			Solid Flanges		
	Qty	Qty							R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>3,k=R<sub>4,k</sub></sub>	R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>3,k=R<sub>4,k</sub></sub>
VPA25	8	2	3.7	1.1	1.5	5.6	1.4	1	5.6	3.9	1.9	5.6	1.4	0.7
VPA50	9	2	2.5	0.7	0.5	5.2	1.4	1	5.2	3.9	1.9	5.2	1.4	0.7
VPA56	9	2	2.7	0.7	0.5	5.6	1.4	1	5.6	3.9	1.9	5.6	1.4	0.7
VPA61	9	2	2.7	0.7	0.5	5.6	1.4	1	5.6	3.9	1.9	5.6	1.4	0.7
VPA66	9	2	2.7	0.7	0.5	5.6	1.4	1	5.6	3.9	1.9	5.6	1.4	0.7
VPA72	11	2	2.7	0.7	0.5	5.6	1.4	1	5.6	3.9	1.9	5.6	1.4	0.7
VPA75	11	2	3.7	0.7	0.5	7.8	1.4	1	7.8	3.9	1.9	7.8	1.4	0.7
VPA4	11	2	4.6	1.1	1.5	7.8	1.4	1	7.8	3.9	1.9	7.8	1.4	0.7
VPA96	11	2	3.7	0.7	0.5	7.8	1.4	1	7.8	3.9	1.9	7.8	1.4	0.7
VPA99	11	2	3.7	0.7	0.5	7.8	1.4	1	7.8	3.9	1.9	7.8	1.4	0.7

