



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



[UK-DoP-e08/0053](#), [ETA-08/0053](#)

FEATURES



Material

- Pre-galvanised mild steel



APPLICATIONS

Suitable For

- Timber Trusses.

When to Use

- Truss to wall plate connections.

TECHNICAL DATA

Safe Working Loads

References	Joist Width [mm]	Corresponding LSSU Item Code	Dimensions [mm]		Fasteners				Safe Working Loads [kN]			
			A	Thickness	Header		Joist		Short Term Uplift	Medium term download	F1 Short Term	F1 Short Term
					Qty	Specification	Qty	Specification				
VPA25	45	LSSUI25	46	1.2	8	3.75 x 75	2	3.75 x 30	1.09	3.74	1.45	1.09
VPA50	47	LSSU***/50	50	1.2	9	3.75 x 75	2	3.75 x 30	0.7	2.49	0.47	-
VPA63	63	LSSU***/60	63	1.2	9	3.75 x 75	2	3.75 x 30	-	-	-	-
VPA66	56	LSSU***/66	66	1.2	9	3.75 x 75	2	3.75 x 30	0.7	2.66	0.47	-
VPA71	70	LSSU***/71	71	1.2	9	3.75 x 75	2	3.75 x 30	0.7	2.66	0.47	-
VPA75	72	LSSU***/75	75	1.2	11	3.75 x 75	2	3.75 x 30	0.7	3.73	0.47	-
VPA4	89	LSSU410	90	1.2	11	3.75 x 75	2	3.75 x 30	1.09	4.56	1.45	1.09
VPA96	(2) 47	LSSU***/96	96	1.2	11	3.75 x 75	2	3.75 x 30	0.7	3.73	0.47	-
VPA100	97	LSSU***/100	100	1.2	11	3.75 x 75	2	3.75 x 30	0.7	3.73	0.47	-
VPA2	38	LSSU28	38	1.2	8	3.75 x 75	2	3.75 x 30	1.09	3.33	1.45	1.09
VPA35	59	LSSUI35	60	1.2	9	3.75 x 75	2	3.75 x 30	1.09	5.54	1.45	1.09
VPA2.06	50	LSSUI2.06	52	1.2	9	3.75 x 75	2	3.75 x 30	1.09	4.16	1.45	1.09

Characteristic Load Capacity

Reference	Joist Width [mm]	Corresponding LSSU Item Code	Dimensions [mm]		Fasteners				Characteristic Capacity [kN]								
			A	Thickness	Header		Joist		Solid Section			I-Joist					
					Qty	Specification	Qty	Specification	Timber class C24			LVL Flanges			Solid flanges		
									Download	Uplift	Lateral (F ₁)	Download	Uplift	Lateral (F ₁)	Download	Uplift	Lateral (F ₁)
VPA25	45	LSSUI25	46	1.2	8	3.75 x 75	2	3.75 x 30	5.31	1.94	2.17	4.76	3.69	3.04	5.31	1.94	2.17
VPA50	47	LSSU***/50	50	1.2	9	3.75 x 75	2	3.75 x 30	5.31	1.78	2.17	-	-	-	5.31	1.78	2.17
VPA63	63	LSSU***/60	63	1.2	9	3.75 x 75	2	3.75 x 30	-	-	-	-	-	-	-	-	-
VPA66	56	LSSU***/66	66	1.2	9	3.75 x 75	2	3.75 x 30	8.19	1.78	2.17	-	-	-	8.19	1.78	2.17
VPA71	70	LSSU***/71	71	1.2	9	3.75 x 75	2	3.75 x 30	-	-	-	6.79	3.69	2.37	-	-	-
VPA75	72	LSSU***/75	75	1.2	11	3.75 x 75	2	3.75 x 30	8.19	1.78	2.17	-	-	-	8.19	1.78	2.17
VPA4	89	LSSU410	90	1.2	11	3.75 x 75	2	3.75 x 30	7.94	1.94	2.17	14.16	3.69	2.96	7.94	1.94	2.17
VPA96	(2) 47	LSSU***/96	96	1.2	11	3.75 x 75	2	3.75 x 30	8.19	1.78	2.17	-	-	-	8.19	1.78	2.17
VPA100	97	LSSU***/100	100	1.2	11	3.75 x 75	2	3.75 x 30	8.19	1.78	2.17	-	-	-	8.19	1.78	2.17
VPA2	38	LSSU28	38	1.2	8	3.75 x 75	2	3.75 x 30	-	-	-	4.76	3.69	3.04	-	-	-
VPA35	59	LSSUI35	60	1.2	9	3.75 x 75	2	3.75 x 30	6.19	1.94	2.17	6.79	3.69	2.37	6.19	1.94	2.17
VPA2.06	50	LSSUI2.06	52	1.2	9	3.75 x 75	2	3.75 x 30	-	-	-	6.79	3.69	2.37	-	-	-

