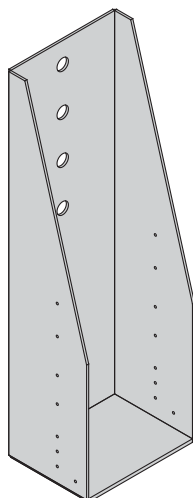


VHGG

Very Heavy Girder To Girder



The VHGG hanger is designed to support multiple ply girder trusses from a vertical web in very high load situations.

Features & Benefits

- Fixings into vertical web only therefore no requirement for increased bottom chord depths
- Additional side fixings allows for greater uplift capacity

Material Specification

- Zinc undercoated

Fixings

4No M20 Bolts – 180mm long fully threaded (inc nut, round washer, form G washer) supplied with part**

Available Sizes

Product Code	Incoming Truss Width	Hanger Width (W) (mm)
VHGG-80	2No 35 ⁽²⁾	80
VHGG-102	2No 47 ⁽²⁾	102
VHGG-118	3No 35 ⁽³⁾	118
VHGG-153	3No 47 ⁽³⁾	153
VHGG-200	4No 47 ⁽⁴⁾	200

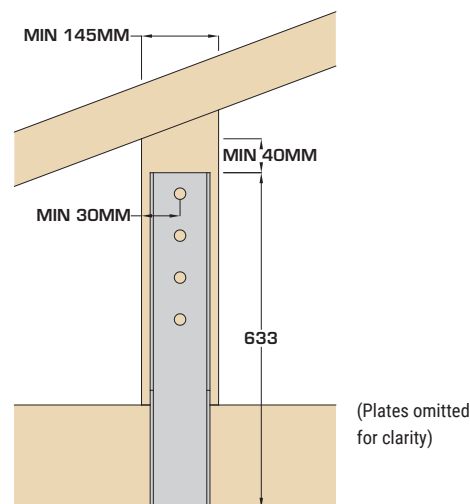
⁽²⁾⁽³⁾⁽⁴⁾Trusses must be connected together to act as a single unit

Code	Description	Box Qty
547389	3.4 x 35mm Square Twist Nails – LOOSE	500
141185	3.4 x 35mm Square Twist Nails – COLLATED*	2,500

*For use with Paslode PPN35Ci

**Please specify 240mm long bolts when connecting to 4 ply 47mm header members

In Situ



(Plates omitted for clarity)

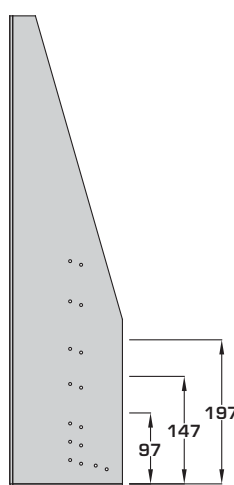


- Minimum edge distances must be met to achieve full capacity.
- Please ensure vertical end members are stepped back to allow room for bolt heads.
- Supported member should be positioned to the back of the hanger.
- Maximum allowable gap of 3mm.

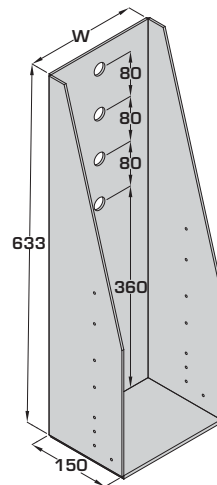
Load Data

Product Code	Fixings		Characteristic Capacity (kN)		
	Header	Incoming	Uplift	Solid Timber Header (Min TR26)	
	Bolts M20	Nails (3.4 x 35mm)		Min 2 Ply 35mm Header	Min 2 Ply 47mm Header
VHGG-80, VHGG-102, VHGG-118, VHGG-153, VHGG-200	4	8	4.67	66.50	80.20

Enhanced Uplift



Dimensions (mm)



Minimum Truss Bottom Chord Depth (mm)	Fixing (3.4 x 35mm)	Characteristic Capacity (kN)
	Incoming	Uplift
97	8	4.67
147	10	8.49
197	12	14.72
Vertical	12	14.72