STAINLESS STEEL CENTRE BLADED POST SUPPORTS

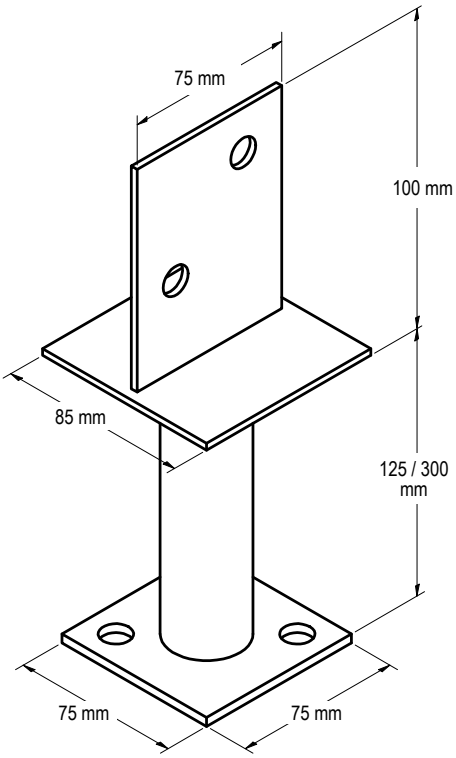
Compliant with the requirements of AS1684 and AS1720.

304 STAINLESS STEEL

316 STAINLESS STEEL

BOLTED TO CONCRETE

CAST INTO CONCRETE



APPLICATION

Stainless Steel Centre Blade Post Supports are brackets ideal for coastal construction, with the 'hidden' blade providing a neat finish at the base of a timber post.

SPECIFICATION

VUETRADE Stainless Steel Centre Bladed Post Supports are manufactured using SS304/SS316.

FASTENERS

Saddle: 2x Stainless Steel VUEBOLT or appropriate M12 bolts with hex nuts

Base: 2x stainless steel M12 concrete bolts or equivalent

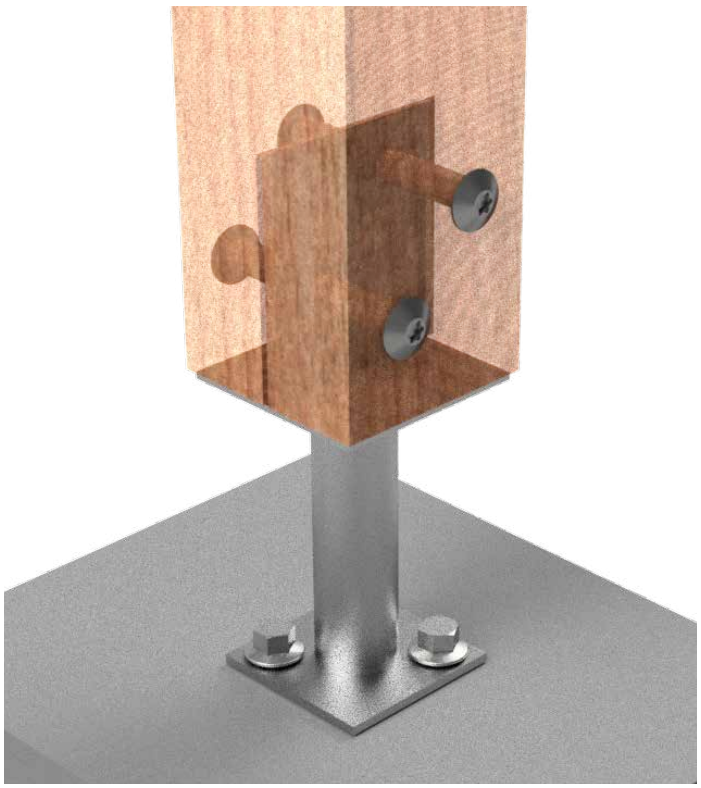
Only use stainless steel fasteners (bolts) with stainless steel post support, usage of other steel materials may lead to bimetallic corrosion.

SIZES

Product Code	Material	Height (mm)	Box Qty
VBLPS125SS	SS 304	125	10
VBLPS125SS316	SS 316	125	10
VBLPS300SS	SS 304	300	10
VBLPS300SS316	SS 316	300	10

NOTE:

'Tea-staining' is a cosmetic issue with some VUETRADE Stainless Steel Post Supports (more prevalent in SS304) but this does not affect the structural integrity or material lifetime of the post support.



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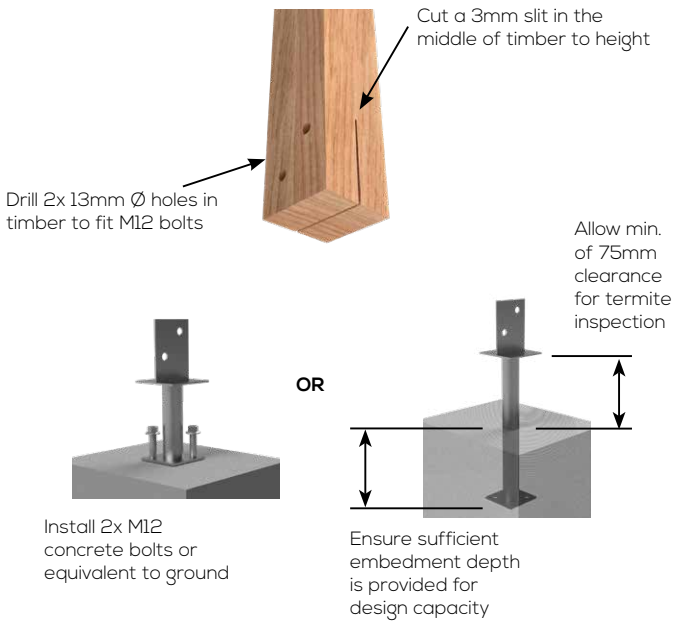
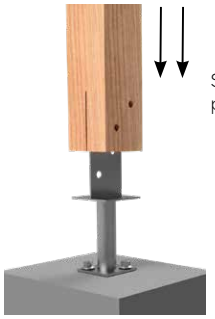
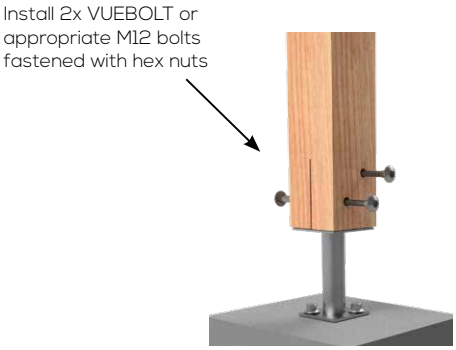
OCT25

INSTALLATION GUIDE AND BOLT FIXING SCHEDULE







NOTES:

1. Embedment depth of VUETRADE Post Support should be determined and calculated by a Structural Engineer to achieve the reported design load. This usually depends on the type of concrete used, aggregate ratio etc.
2. 75mm clearance must be provided to conform to the requirements set out by AS3660.1:2014 - *Termite management, Part 1: New building work.*

DESIGN CAPACITY DATA

Table 1: Design Capacity of Stainless Steel Centre Blade Post Support in different joint groups

Load Case	Design Capacity, Ndj (kN)					
	J3	J4	J5	JD3	JD4	JD5
Uplift capacity	11.3	9.0	7.8	14.1	11.3	9.9

NOTES:

1. Design capacity in table above applies to VUETRADE Post Supports where 2x M12 bolts are installed and tightly fastened with nuts/VUEBOLT.
2. Timber posts must have minimum dimensions of 90mm by 90mm section and shall be installed flat to the base of the post support.
3. Design capacities for post supports bolted or cast into concrete assumed that there is sufficient anchorage in the concrete to resist the pull-out force imposed by wind loading.
4. Design capacities in the above table are for wind uplift (vertical force direction) only and are obtained under strict in-house test conditions defined by AS1649:2025 – *Timber - Methods of test for mechanical fasteners and connectors* & uplift capacity requirements outlined in AS1720.1-2010 – *Timber structures, Part 1: Design methods.*
5. VUETRADE Post Supports should only be used to resist wind uplift / dead load as specified in the TDS and should not be assumed to provide lateral stability. Sufficient bracing should be provided and approved by a structural engineer for lateral stability.

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