VUETRADE for the builder

Timber Connectors
Technical Data Sheet

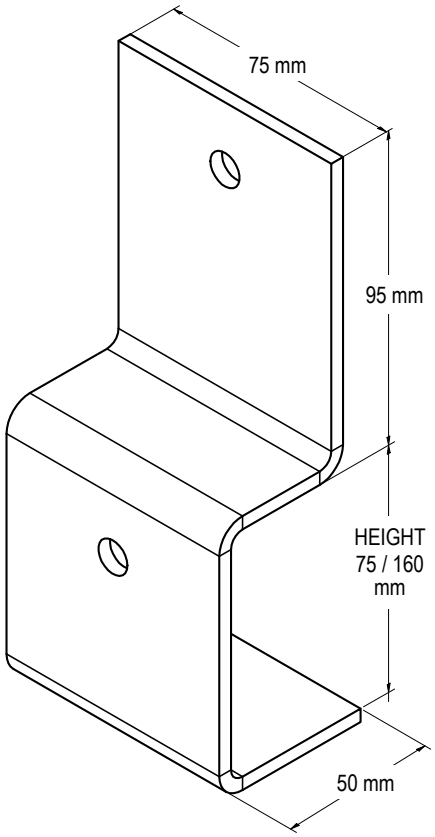
GALVANISED ADJUSTABLE POST SUPPORTS

OCT26

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

BOLTED TO CONCRETE



APPLICATION

Adjustable Post Supports are brackets ideal for fixing uncommon or large sizes of timber posts, installed by bolting onto concrete.

SPECIFICATION

VUETRADE Adjustable Post Support are manufactured from 4mm thick G300 steel and Hot Dipped Galvanised for corrosion protection. Available in wide range of sizes to suit many common timber post sizes.

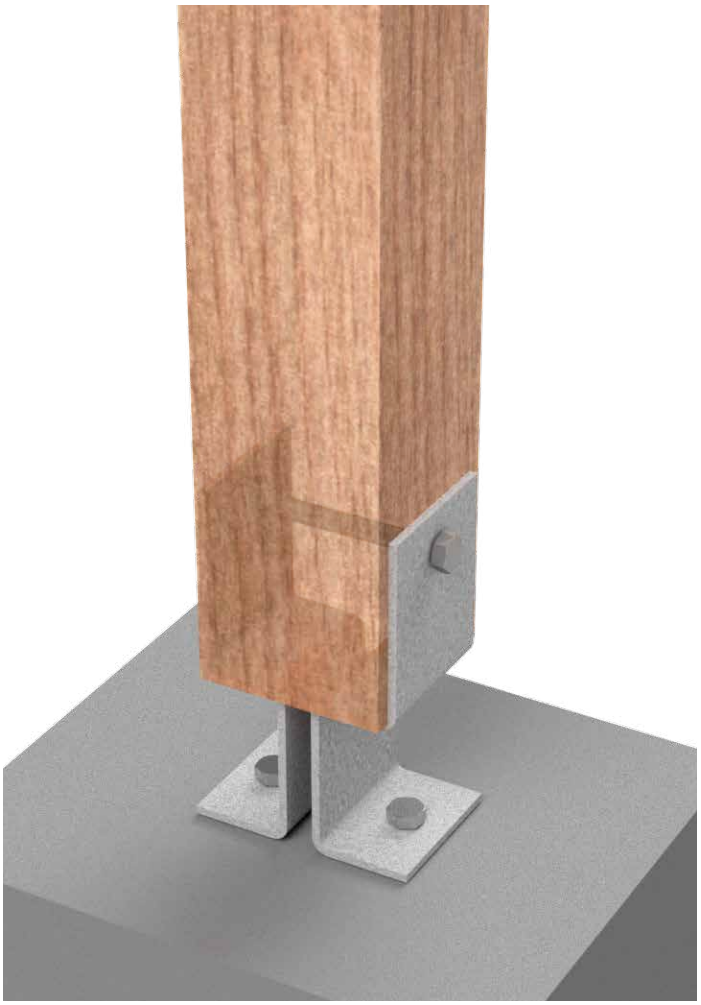
FASTENERS

Saddle: 1x appropriate M10 bolt with hex nut, **OR:**
2x M10 coach screws for larger timber post sizes

Base: 2x M10 appropriate anchor bolts or equivalent

SIZES

Product Code	Height (mm)	Thickness (mm)	Box Qty
VAPS75	75	4	10
VAPS160	160	4	10



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VUETRADE Timber Connectors is a division of **Bellevue Group Australasia**.
Bellevue Group Australasia are continuously working to develop and improve our product range. We reserve the right to change specifications, etc. without notice.

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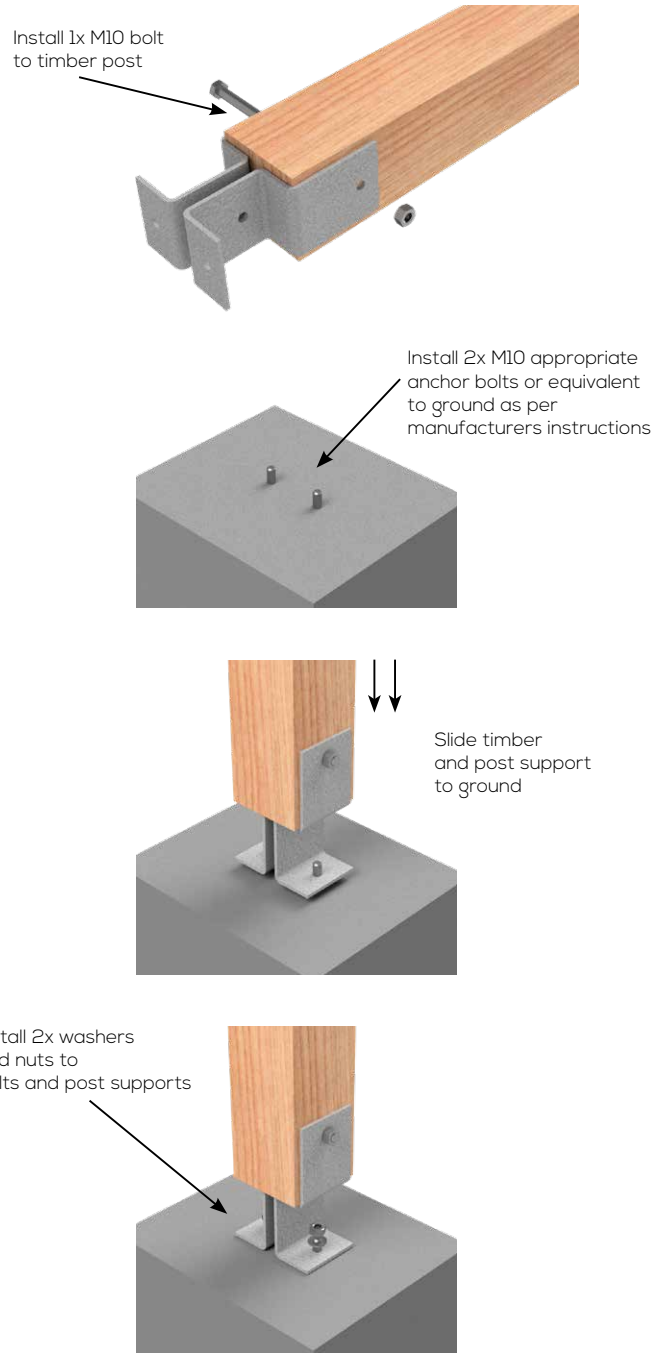
INSTALLATION GUIDE AND BOLT FIXING SCHEDULE



1. Install 1x M10 bolt, or 2x M10 coach screws to fasten post support to timber post.
2. Ensure that suitable M10 concrete bolts are used when fastening post support to ground.
3. Use only galvanised bolts with galvanised post supports, usage of other steel materials bolts with galvanised post support may lead to bimetallic corrosion.
4. For larger timber sizes, use 2x M10 coach screws.

DESIGN CAPACITY DATA

Table 1: Adjustable Post Support design capacities [used in pairs]

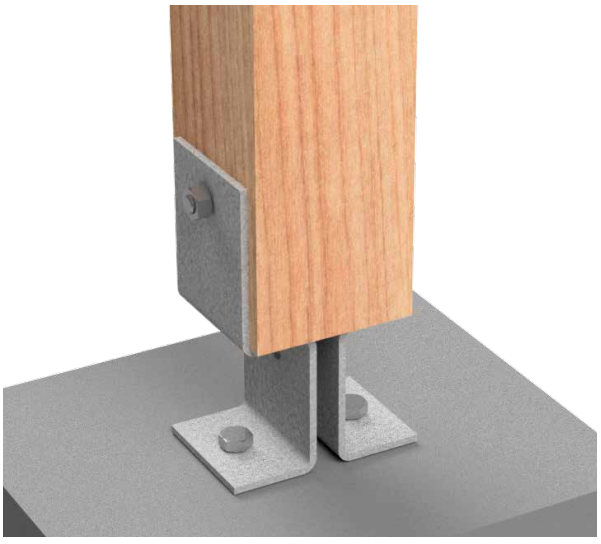
Load Case	Design Capacity, Ndj (kN)
	JD4
Uplift capacity	16 kN

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Adjustable Post Supports where 1x appropriate M10 bolt is installed and tightly fastened with a hex nut.
2. Timber posts must have minimum dimensions of 75mm by 75mm section and shall be installed flat to the base of the post support.
3. Footings by others.

   a. Design capacities for post supports bolted or cast into concrete assumed that there is sufficient anchorage to resist wind uplift.

   b. Design capacity of this post support may be limited by the withdrawal tensile capacity of concrete bolts used to fasten post support to concrete ground. Ensure that suitable concrete bolts are used for above design capacities to be valid.
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.
7. Design capacity in Table 1 are based on Category 1 joints where it is applicable for failures that would be unlikely to affect an area of greater than 25m2. For Category 2 and Category 3 joints, design capacities in this table are modified by multiplying 0.941 and 0.882 respectively.



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