VUETRADE for the builder

Timber Connectors
Technical Data Sheet

GALVANISED TRADIES BOLT DOWN POST SUPPORTS

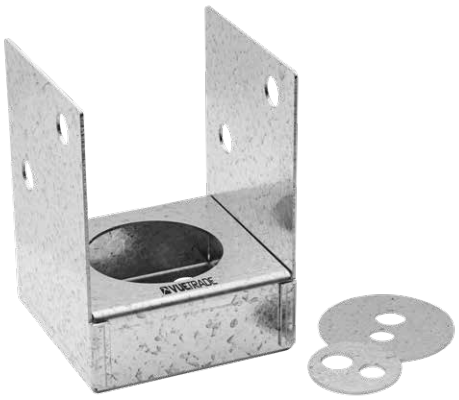
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Compliant with the requirements of AS1720.

G GALVANISED

BOLTED TO CONCRETE





APPLICATION

VUETRADE Tradies Bolt Down Post support is an economical timber bolt down alternative to the standard bolt down post support, featuring a newly designed and engineered body. The adjustable cap allows the post support to switch between easy access mode and concealed mode.

SPECIFICATION

VUETRADE Tradies Bolt Down Post Supports are manufactured out of G300 Z275 in 1.5mm plate thickness.

FASTENERS

Saddle: 2x Zinc-Nickel Coated VUEBOLT or appropriate M12 bolts with hex nuts

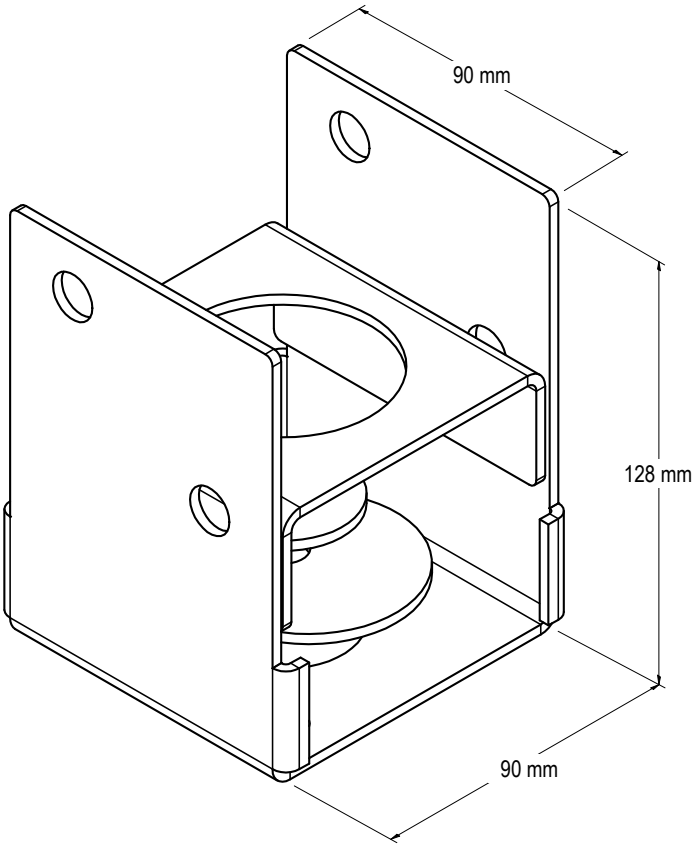
Base: **Method 1:** 1x M12 concrete bolt or equivalent fastened with supplied washers, **OR:**

Method 2: 2x M12 concrete bolts or equivalent fastened to designated bolt holes

SIZES

Product Code	Size (mm)	Suits timber width
VTBPS90	90	90mm
VTBPS90BK *	90	90mm

* BLACKOUT Tradies Bolt Down Post Supports are manufactured from 1.5mm G300 Z275 galvanised steel with black powder coating.



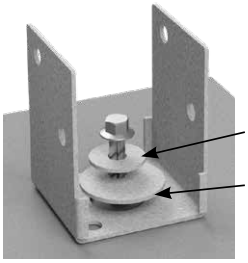
INSTALLATION GUIDE AND BOLT FASTENING SCHEDULE

Drill 2x 13mm Ø holes in timber to fit M12 bolts



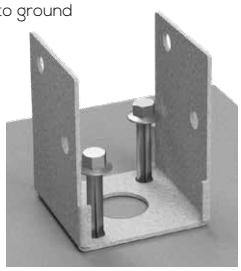
METHOD 1

Install 1x M12 concrete bolt or equivalent to ground



METHOD 2

Install 2x M12 concrete bolts or equivalent to ground



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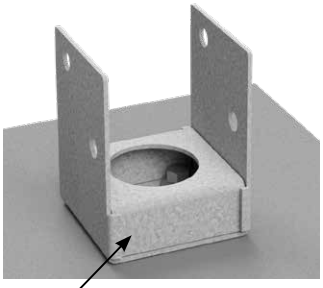
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INSTALLATION GUIDE CONT'D

CONCEALED mode

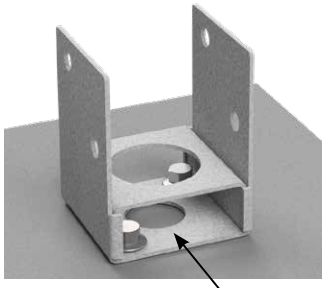
Suitable for those who wish to achieve a neat and concealed finish.



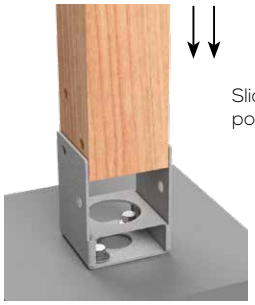
Place the post support cap to conceal the gap that shows bolts and washers within the post support.

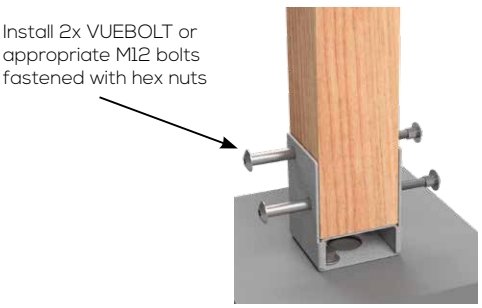
OPEN mode

Suitable where re-tightening of bolts is needed after installation, or where larger tolerance is needed when fastening bolts.



Place the post support cap to open to reveal the gaps showing internal bolts and washers.





INSTALLATION NOTES:

1. Method 1 is suitable for installation where a larger fixing tolerance is needed. Ensure that concrete bolt is fixed with the small washer sitting on top of the large washer.
2. Method 2 is suitable for installation where precise and strong post support fixing is needed.

DESIGN CAPACITY DATA

Table 1: Design capacities for Tradies Bolt Down Post Support

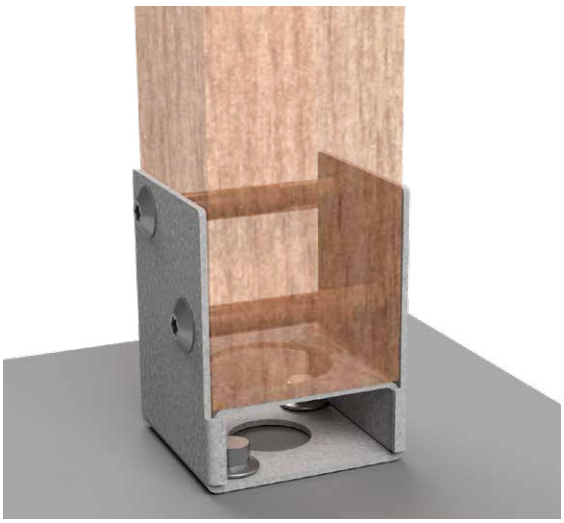
Load Case	Design Capacity, Ndj (kN)		
	JD3	JD4	JD5
Uplift capacity	10.3	8.3	7.2

NOTES:

1. Design capacity in Table 1 applies to VUETRADE Tradies Bolt Down Post Supports where 2x M12 VUEBOLTS / appropriate bolts are installed and tightly fastened with hex nuts.
2. Timber posts must have minimum dimensions of 90mm by 90mm section and shall be installed flat to the provided concealing cap 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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