

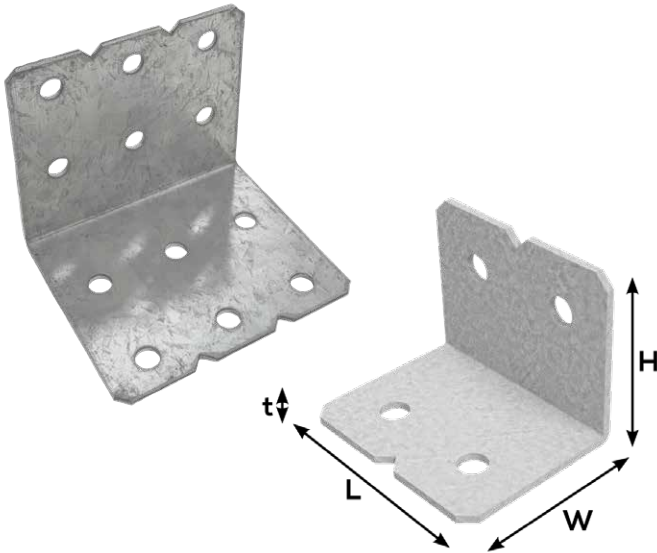


GALVANISED ANGLE BRACKETS - HEAVY DUTY

JUN24

Engineered. Tested.
Industry proven.

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APPLICATION

Commonly used to join timbers at right angles. These brackets can be used in different orientations to suit a wide range of joining applications.

SPECIFICATION

VUETRADE Angle Brackets - Heavy Duty are manufactured from 3.0mm thick mild steel conforming to AS1379:2021 with steel yield strength of minimum 300MPa. Brackets are corrosion protected with Z275.

FASTENERS

Fasteners used in Angle Brackets - Heavy Duty shall refer to product size table in the next section. Use of coach screws in an equivalent size is permissible. Refer to usage guidelines in the next section on Angle Brackets - Heavy Duty usage for structural purposes for bolt spacing and minimum timber size requirements.



PRODUCT SIZES

Product Code	Dimensions (mm)	Thickness	Bolt Holes	Box Qty
VABHD01	40L x 60W x 60H	3.0mm	M10	50
VABHD02	40L x 60W x 100H	3.0mm	M10	50
VABHD03	40L x 100W x 100H	3.0mm	M10	50
VABHD04	80L x 60W x 60H	3.0mm	M10	50
VABHD05	80L x 60W x 100H	3.0mm	M10	25
VABHD06	80L x 100W x 100H	3.0mm	M10	25
VABHD07	120L x 60W x 60H	3.0mm	M10	25
VABHD08	120L x 60W x 100H	3.0mm	M10	25
VABHD09	120L x 100W x 100H	3.0mm	M10	20
VABHD10	160L x 60W x 60H	3.0mm	M10	25
VABHD11	160L x 60W x 100H	3.0mm	M10	20
VABHD12	160L x 100L x 100W	3.0mm	M10	20

USAGE OF VUETRADE ANGLE BRACKETS - HEAVY DUTY FOR STRUCTURAL PURPOSES

While the Angle Brackets - Heavy Duty can be used in many applications, it is imperative to ensure that any structural applications must adhere to the requirements stipulated in the current National Construction Code for any relevant building classes.

For the purposes of this document, Angle Brackets - Heavy Duty used for structural purposes in timber framed structures MUST adhere to the requirements stipulated NCC 2022 Volume Two – Building Code of Australia Class 1 and 10 buildings, which includes the requirement to comply with, but not limited to, the following Australian Standards:

- AS1720.1 Timber Structures – Design Methods
- AS1684.2 Residential timber-framed constructions
- AS1720.5 Timber Structures – Part 5: Nailplated timber roof trusses.

Usage of Angle Brackets - Heavy Duty with bolts shall adhere to edge and end distance between bolts placement and timber grades used as per AS1720.1.

The associated design capacities are dependent on the intended usage, timber grades, orientation of loadings and should be based on consultation and certification from relevant engineering authorities.

It is the responsibility of the end users and structural/site engineers to ensure correct application of brackets. VUETRADE does not accept responsibility for non-compliant use of Angle Brackets - Heavy Duty.

