

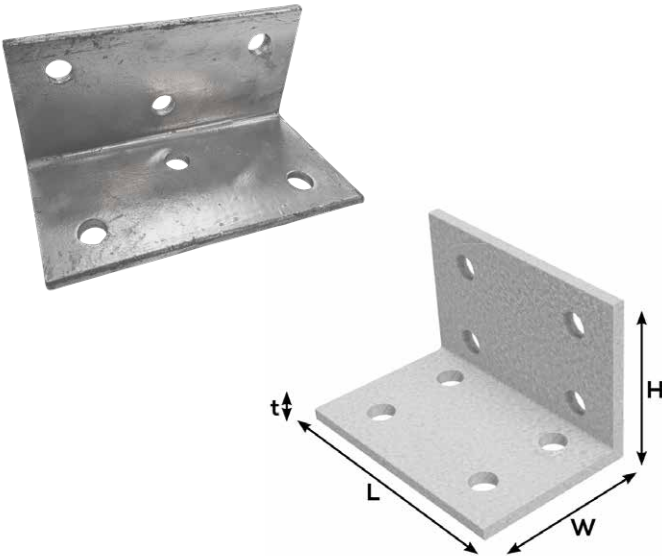


GALVANISED STRUCTURAL HDG BRACKETS

APR24

Engineered. Tested.
Industry proven.

G GALVANISED



APPLICATION

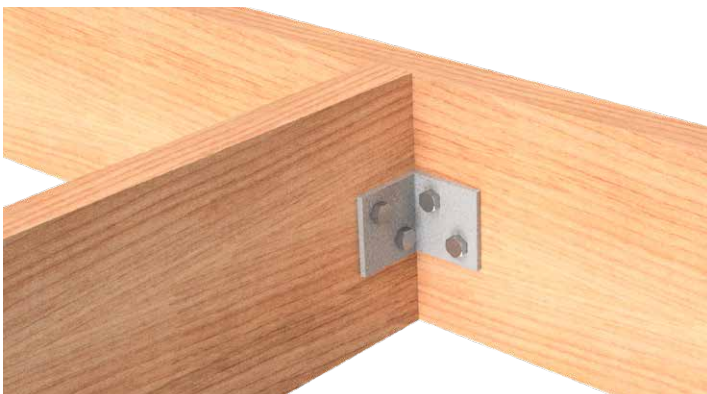
Commonly used to join timbers at right angles. These brackets can be used in different orientations to suit a wide range of joining applications.

SPECIFICATION

VUETRADE Structural HDG Brackets are manufactured from 5.0, 6.0 or 8.0mm thick G300 steel conforming to AS1379:2021 with steel yield strength of minimum 300MPa. Brackets are corrosion protected with Hot Dip Galvanised to a minimum of 300g/m².

FASTENERS

Fasteners used in HDG brackets 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 Structural HDG Brackets usage for structural purposes for bolt spacing and minimum timber size requirements.



PRODUCT SIZES

Product Code	Dimensions (mm)	Thickness	Bolt Holes	Box Qty
VABHS01G	75L x 75W x 75H	6.0	M12	10
VABHS02G	100L x 100W x 100H	6.0	M12	10
VABHS03G	185L x 100W x 100H	6.0	M12	10
VABHS04G	250L x 100W x 100H	6.0	M12	6
VABHS05G	150L x 100W x 100H	8.0	M16	6
VABHS06G	200L x 100W x 100H	8.0	M16	6
VABHS07G	200L x 140W x 90H	8.0	M16	6
VABHS08G	140L x 65W x 65H	5.0	M12	10
VABHS09G	190L x 65W x 65H	5.0	M12	10
VABHS10G	240L x 65W x 65H	5.0	M12	10
VABHS11G	290L x 65W x 65H	5.0	M12	10
VABHS12G	140L x 75W x 50H Unequal	5.0	M12	10
VABHS13G	190L x 75W x 50H Unequal	5.0	M12	10
VABHS14G	240L x 75W x 50H Unequal	5.0	M12	10
VABHS15G	290L x 75W x 50H Unequal	5.0	M12	10

USAGE OF VUETRADE STRUCTURAL HDG BRACKETS FOR STRUCTURAL PURPOSES

While the Structural HDG Brackets 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, Structural HDG Brackets 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 Structural HDG Brackets 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 Structural HDG Brackets.

