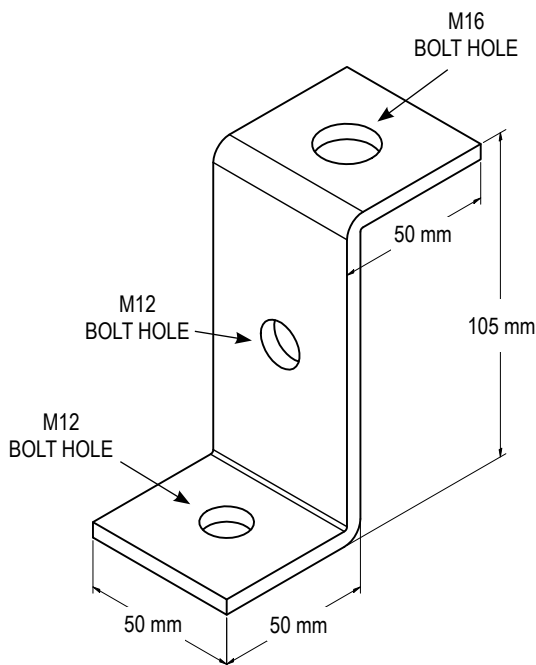




GALVANISED Z TYPE HDG BRACKET

 Compliant with the requirements of AS1720.

G GALVANISED



APPLICATION

Z Type Brackets are strong brackets used commonly for tie down applications for timber truss to top plate and similar.

SPECIFICATION

VUETRADE Galvanised Z Type HDG Brackets are manufactured from 5.0mm thick G300 steel and corrosion protected with Hot-Dipped Galvanised.

FASTENERS

Top/Bottom: 1x M12 or M16 galvanised bolt / rod

Side: 1x M12 galvanised bolt

SIZES

Product Code	Size	Thickness	Box Qty
VBZG	50 x 105 x 50mm	5.0mm	25



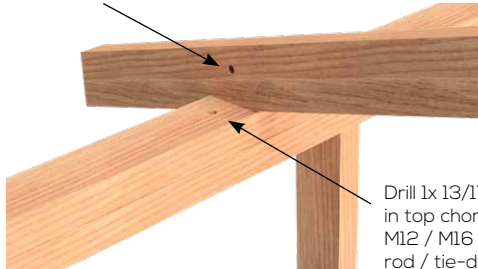


GALVANISED Z TYPE HDG BRACKETS

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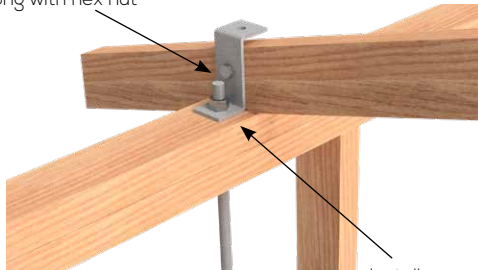
INSTALLATION GUIDE AND BOLT FIXING SCHEDULE

Drill 1x 13mm Ø hole in rafter to fit M12 bolt



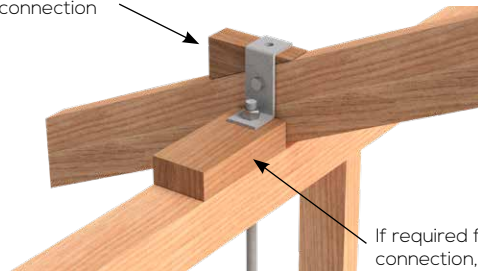
Drill 1x 13/17mm Ø hole in top chord to fit the M12 / M16 threaded rod / tie-down

Install appropriate M12 bolt to bracket with washer on the timber side along with hex nut



Install appropriate M12 / M16 threaded rod to bracket with hex nut

Add timber wedge for a flush connection



If required for tight connection, add a timber block to pack

NOTES:

1. Ensure sufficient distance to timber edge to avoid timber split.
2. Washers used with bolts shall adhere to the minimum required size stipulated in AS1720.1 Table 4.11 and are used on the timber side only.

DESIGN CAPACITY DATA

Table 1: Design Capacity of Z Type HDG Brackets in different joint groups

Load Case	Design Capacity, Ndj (kN)		
	JD3	JD4	JD5
Uplift capacity	8.9	6.5	4.7

NOTES:

1. Design capacity for Table 1 applies to VUETRADE Z Type HDG Bracket where 1x appropriate M12 bolt tightly fastened with suitable washer on the timber side. A M12 or M16 bolt/tie-down rod to be installed to provide sufficient tie-down.
2. Design capacities are for wind uplift capacity only.
3. Design capacity are for Category 1 joints, for other categories, multiply design capacities by 0.94 for Category 2 and 0.88 for Category 3.

