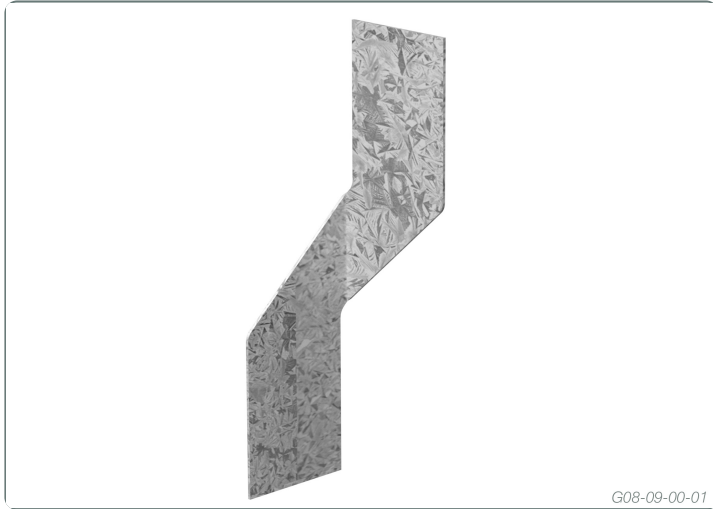


Uni Tie

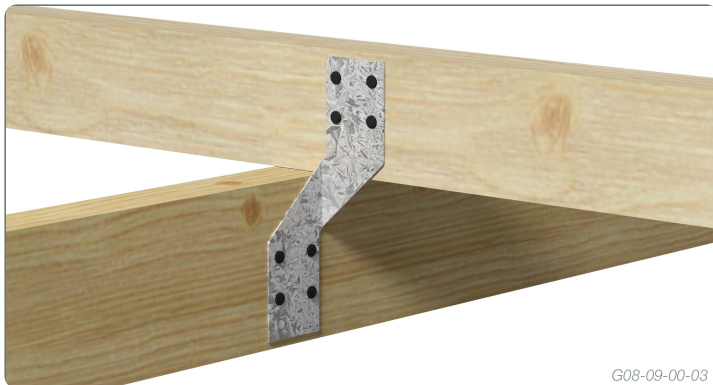


Uni Ties are strong and economical connectors for timber connections and tie down.

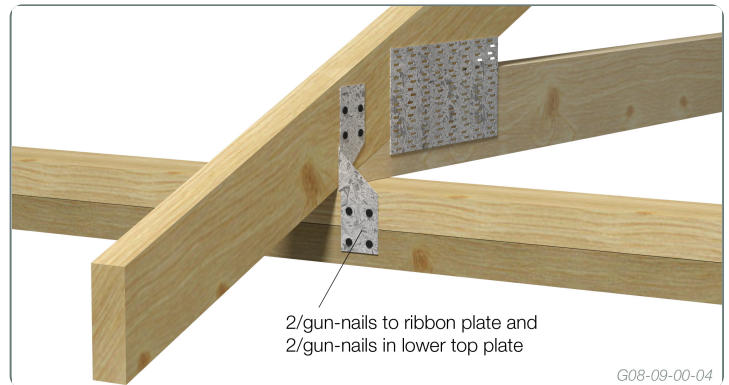
These pre-punched and formed galvanised steel timber connectors are:

The economical way of achieving a strong, rigid structure. Quick and easy to install with a nail-gun. More effective than skew or end nailing.

TYPICAL APPLICATIONS



Joining timber at right angles



For tie down to double top plates



Purlin

NOTE:

- Nail-Gun driven nails are to be more than 5mm from any metal edge or hole and spaced minimum 15mm apart.
- Gun-Nails are not to be driven at excessively high pressure, as they may punch through the steel product. Nail heads should be flush with the metal surface.
- Care must be taken when using Nail-Gun driven nails through metal products. Refer to the Nail-Gun supplier's safety recommendations before operating these tools. Items to consider include safety clothing, eye protection and the angle of the nail to the metal should be 90°. Multinail does not accept any responsibility for injuries incurred, if Nail-guns are used for installing Multinail metal products.

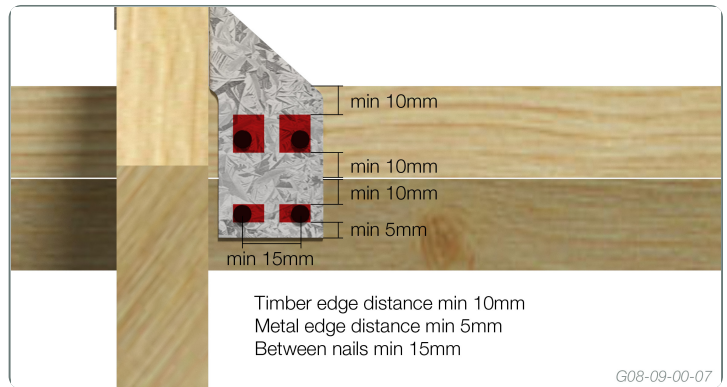
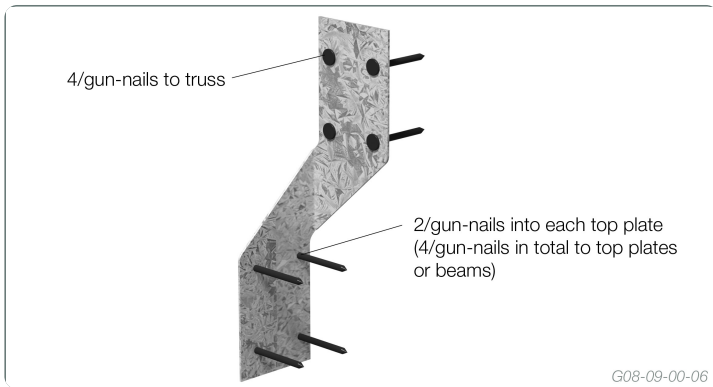
TIE DOWN CAPACITY

Joint Group	Tie down capacity (kN) per Uni Tie Dead Load + Wind Load
J2	4.0
J3	3.1
J4	2.2
JD3	4.0
JD4	3.1
JD5	2.5

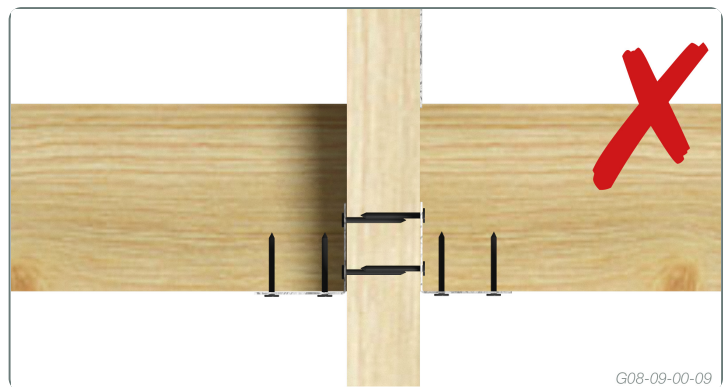
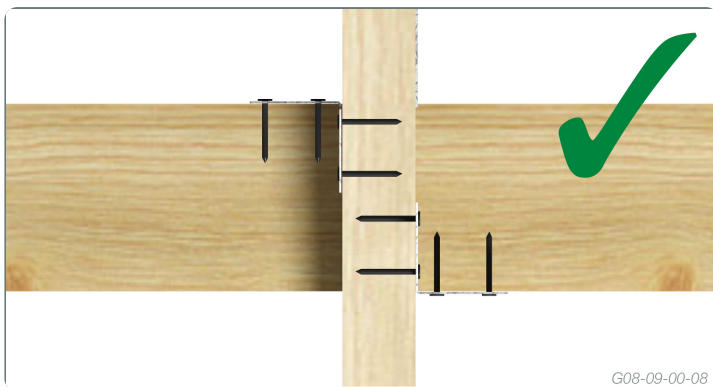
NOTE: The capacities are derived from testing in accordance with AS1720-2010 and are for uplift in houses where failure is unlikely to affect an area greater than 25m². For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m² these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88. For 2/Uni Ties the table values can be doubled.

FIXING

**4/gun-nails into each truss and 2/nails into each top plate
(4/nails in total to top plates or beams),**



Note: All nails need to be 32mm long x 2.5Ø hardened screw shank nails and comply to AS2334-1980 or ASTM F1667-15.



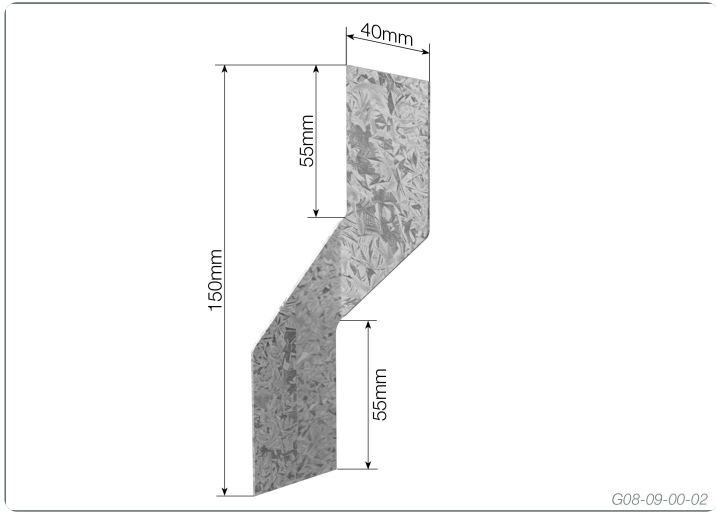
Install the Uni Ties as shown to achieve twice the load in the Limit State Design Load table.

Nailing into both sides of a single 35mm truss is not recommended as it may cause the timber to split.

DESCRIPTION AND PACKAGING

Manufactured from 1.0mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
Uni Tie	UT-200	UT-200	200	9.6



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.