

Quad Grips



Pre-punched, formed galvanised steel connector for securing timber rafters and trusses to timber top plates

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

Securing timber rafters to timber top plates (walls).

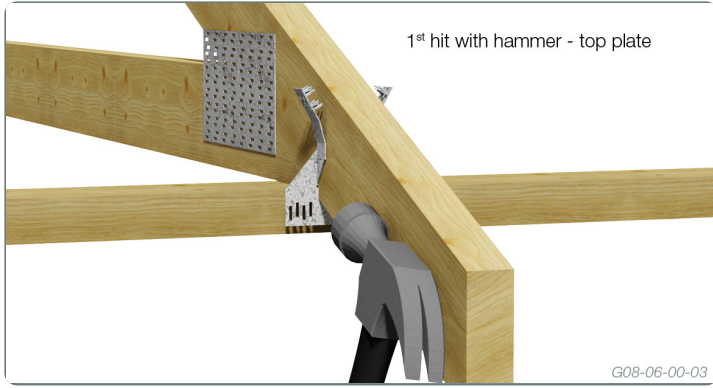
Securing timber trusses to timber top plates (walls) with the strength to withstand uplift forces from wind storms.

An alternative fixing to Triple Grips and Multi Grips in most cases for tiled roofs.

Faster and easier to fix than a Triple Grip - no need for left or right hand grips.

Single Quad Grip applied to outside of top plate.

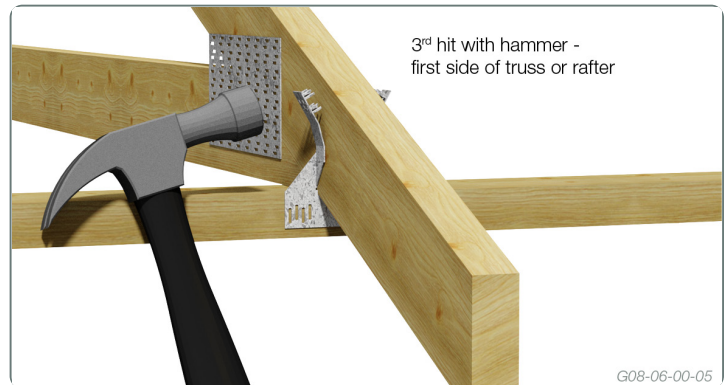
APPLICATION



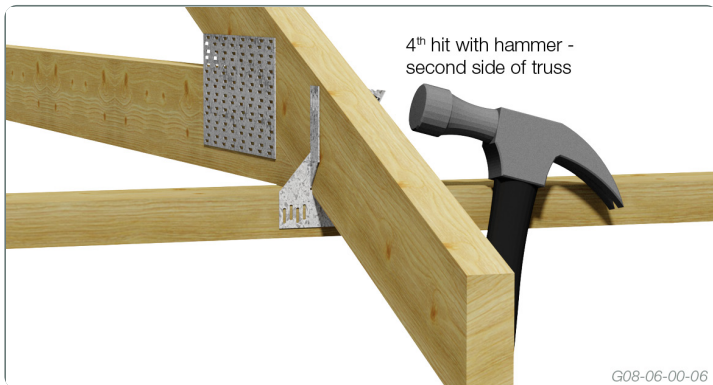
1. Place the Quad Grip in position on the top plate (wall) to cover one or two wall plates (whichever is required). Hit with hammer on one side of the Quad Grip.



2. Hit the other side of the Quad Grip on top plate (wall). You are now ready to embed Quad Grip into the rafter or truss.



3. One hit on the top left hand side of Quad Grip will embed the teeth into the timber rafter or truss.



4. Repeat on the other side of the Quad Grip.

NOTE:

- Ensure teeth are fully embedded into the timber.
- Check to ensure that if two top plates are used that the bottom rows of teeth are embedded into the lower of the two top plates.
- Check design details to determine if one Quad Grip is adequate per bearing point to resist uplift.

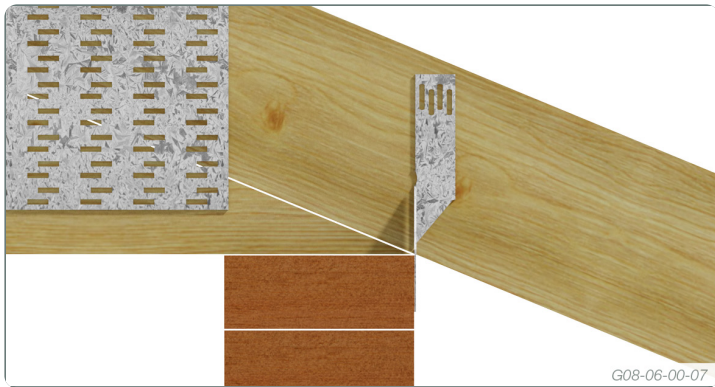
QUAD GRIP INTO DRY SOFTWOOD

Application	Roof type	Load width
N2 (W33N)		
Concrete Tile (600 centres)	Hip End	16.0m
	Gable End	10.4m
Sheet Roof (900 centres)	Hip End	5.8m
	Gable End	3.8m
N3 (W41N)		
Concrete Tile (600 centres)	Hip End	7.9m
	Gable End	4.5m
Sheet Roof (900 centres)	Hip End	3.3m
	Gable End	2.2m
Load Width (in metres) = $\frac{\text{Roof Span} + \text{Overhang}}{2}$		

DESIGN LOAD (kN)

Wind Up lift Capacity of one Quad Grip			
J2	J3	JD4	JD5
3.6	2.5	2.5	2.1
(Limit State Design capacities under wind load)			

SIDE ELEVATION

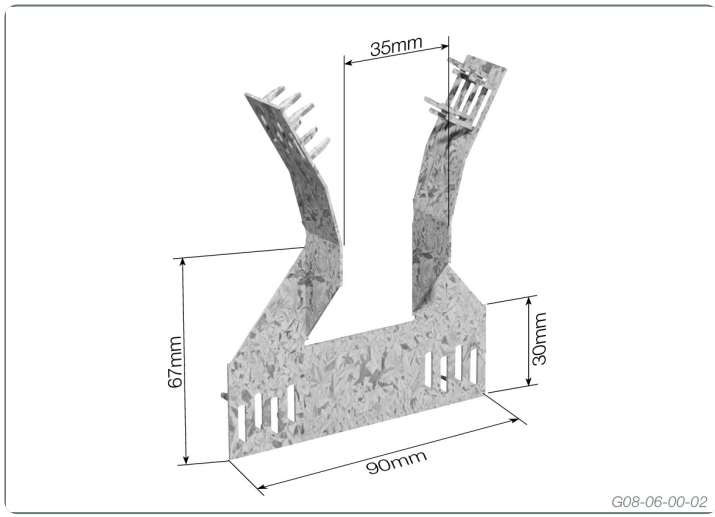


Quad Grips can be used effectively with single or double top plates.

DESCRIPTION AND PACKAGING

Manufactured from 1.0mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
88 x 1.0mm	TA001	QG-100	100	6.5



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.