PRODUCT DATA SHEET

TRUSS TIE

FEATURES AND BENEFITS

SIMPLE: Easy and quick to install having pre-formed teeth that allow it to be hammered in without nails.

DURABLE: Made from G300, Z275 steel.

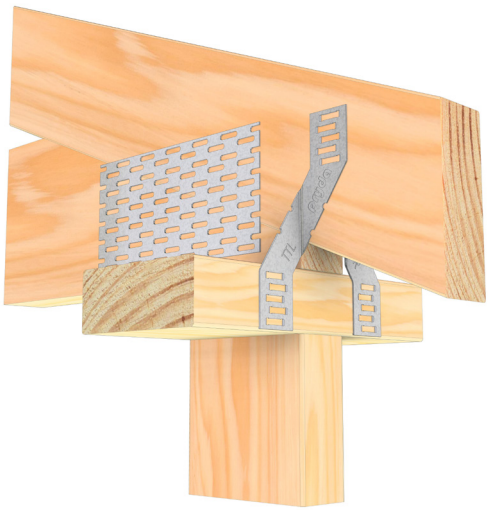
STRONG: Can be used in pairs to achieve double the capacity.

AS1684 COMPLIANT

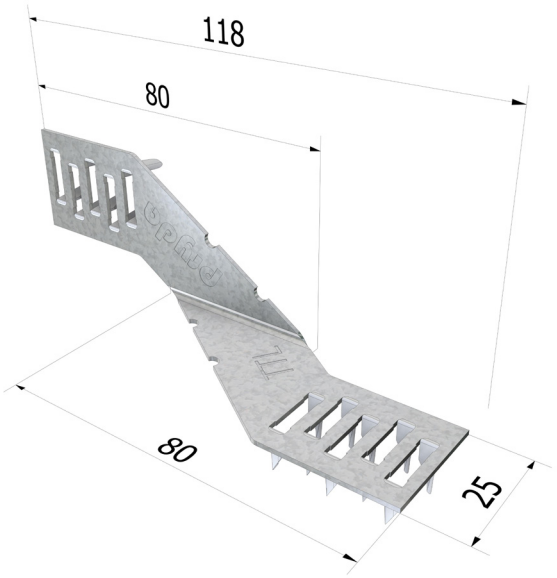
- Minimum G300 Grade Steel
- Z275 Galvanised Steel

SPECIFICATIONS

PRODUCT CODE	TT
STEEL	G300
QUANTITY	50
THICKNESS	1.0mm
CORROSION RESISTANCE	Z275
SIZE	118mm Length



Simplifying the tie down of roof trusses to timber top plates for low tie-down requirement.



DESIGN CAPACITIES

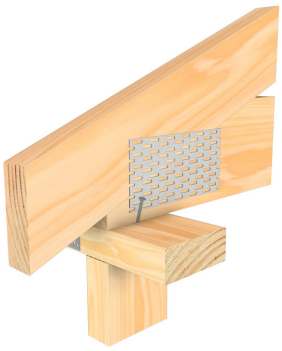
FIXING DETAILS	TIE-DOWN DESIGN CAPACITY ΦNJ (KN) FOR JOINT GROUP						
	GREEN TIMBER			DRY TIMBER			
	J4	J3	J2	JD6	JD5	JD4	JD3
Claw Nails only	1	1.2	1.6	0.8	1	1.2	1.6

Notes:

1. The above capacities apply directly to all Category 1 joints. For all other joints, i.e. Category 2 or 3 joints as per AS1720.1:2010, multiply these capacities by 0.94 or 0.88 respectively.

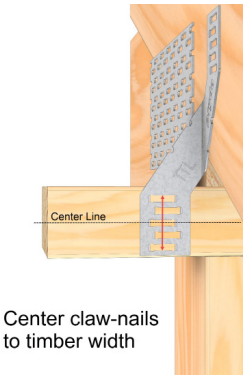
INSTALLATION

STEP 1



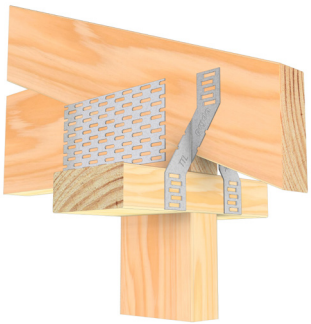
- Prevent the truss/rafter from moving along the top plate by Skew nailing the truss to the top plate.

STEP 2



- The Truss Tie should be fixed on the outside face of top plate.
- Ensure to center the cluster of claw-nails to top plate edge width.

STEP 3



- Hammer the Truss Tie into the truss/rafter, then into the top plate.
- The Truss Tie will bend slightly during this second operation, but this is eased by the small bending hole.
- If two Truss Ties are required, the second Truss Tie should be located on the opposite truss/rafter face.