

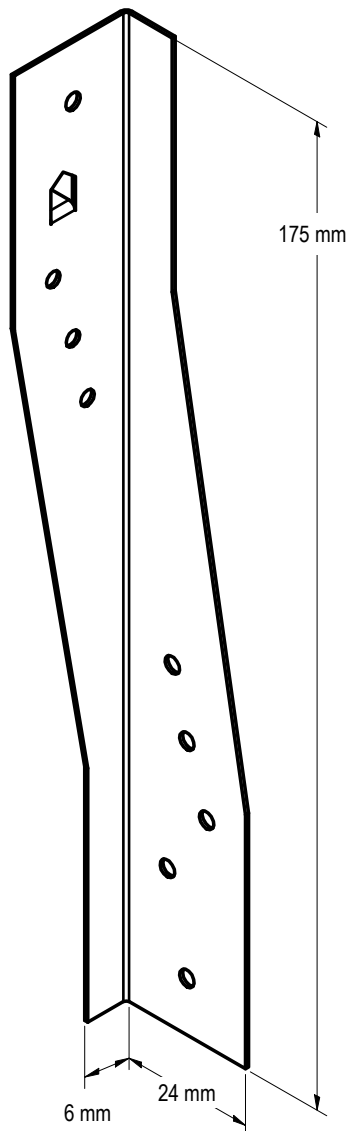


STAINLESS STEEL JOIST STRAPS

JUN23

Compliant with the requirements of AS1684. Designed and tested to AS1649.

316 STAINLESS STEEL



APPLICATION

VUETRADE Stainless Steel Joist Straps are simple connectors for fixing ceiling joists to hanging beams and rafters to beams at right angles, with VUESPIKES for easy positioning before fixing.

SPECIFICATION

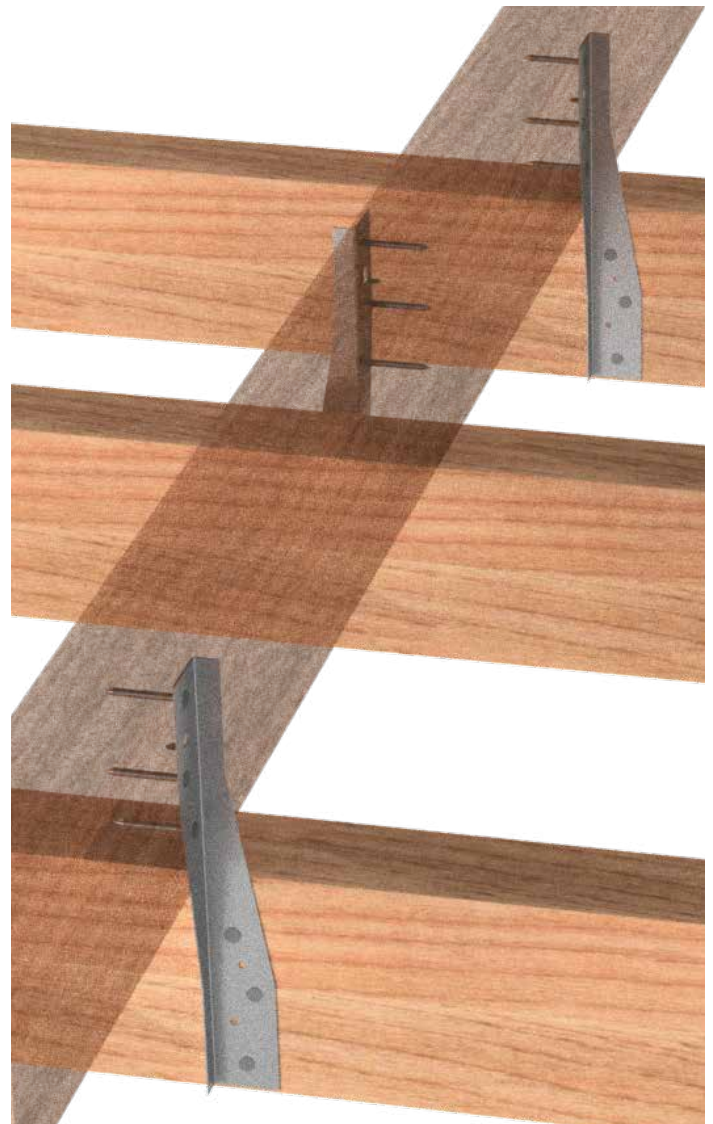
VUETRADE Stainless Steel Joist Straps are Australian Made and manufactured using 316 stainless steel in 0.6mm thickness.

FASTENERS

Nails: Use only VUETRADE 30mm x 2.8mm Ø Stainless Steel Connector Plate Nails

SIZE

Product Code	Size (mm)	Box Qty
VTJS150SS	175mm	150

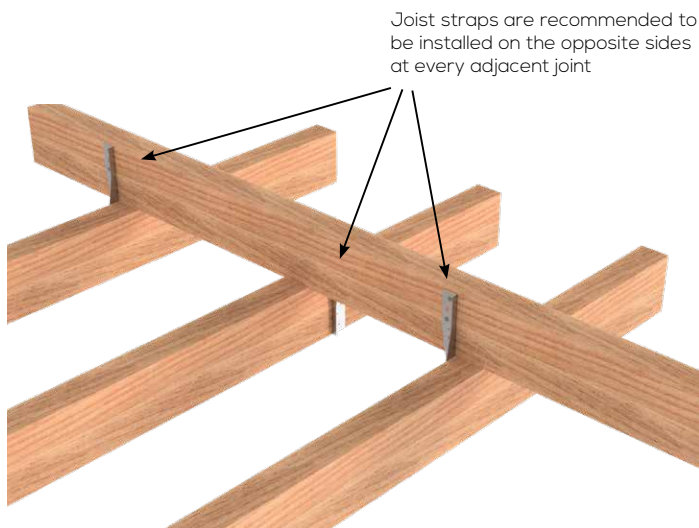
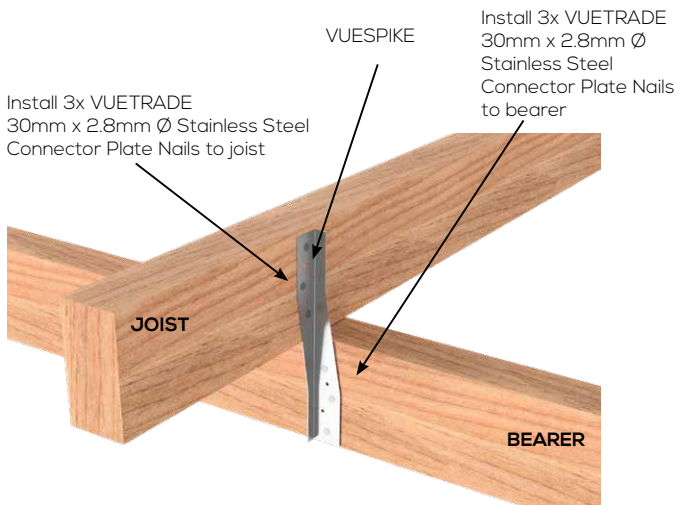




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INSTALLATION GUIDE



1. Position VUETRADE Stainless Steel Joist Straps and drive VUESPIKE into place for ease of positioning.
2. Drive VUETRADE 30mm x 2.8mm Ø Stainless Steel Connector Plate Nails into both timber BEARER members, using 3 nails per end.
3. Design capacity of Joist Strap will increase with more nails installed through pre-bored holes. Do not punch through sheet material as it will result in a weaker and non-compliant connection. For more information about specific design load capacities please contact VUETRADE.

DESIGN CAPACITY DATA

Table 1: Stainless Steel Joist Strap design capacity data

Load Case	Design Capacity for Timber Joint Groups, kN					
	J3	J4	J5	JD3	JD4	JD5
DL	1.2	0.8	0.6	1.6	1.2	1.0
DL + FLL	1.4	1.0	0.7	2.0	1.4	1.2
DL + RLL	1.6	1.1	0.8	2.2	1.6	1.3
Wind Uplift	2.3	1.6	1.2	3.2	2.3	1.9

NOTES:

1. Design capacities in Table 1 are based on installing 3 nails on each end of the Joist Strap using VUETRADE 30mm x 2.8mm Ø Stainless Steel Connector Plate Nails only.
2. Modification factors k_1 for different load cases are adopted from AS1720.1-2010.
3. Design capacities in the Table 1 are based on Category 1 joints where it is applicable for failures that would be unlikely to affect an area of greater than 25m². For Category 2 and Category 3 joints, design capacities from the table are multiplied by 0.941 and 0.882 respectively.

