



PRODUCT DATA

Galvanised Cyclone Tie Down Straps

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Cyclone tie down straps are designed to secure timber members against wind uplift. Can be wrapped under members to increase uplift resistance. Complies with the minimum requirements of AS 1684.

Applications

- Secure purlins, rafters and trusses to top plates and timber lintels

Material

G300

G300 Structural Steel

Finish

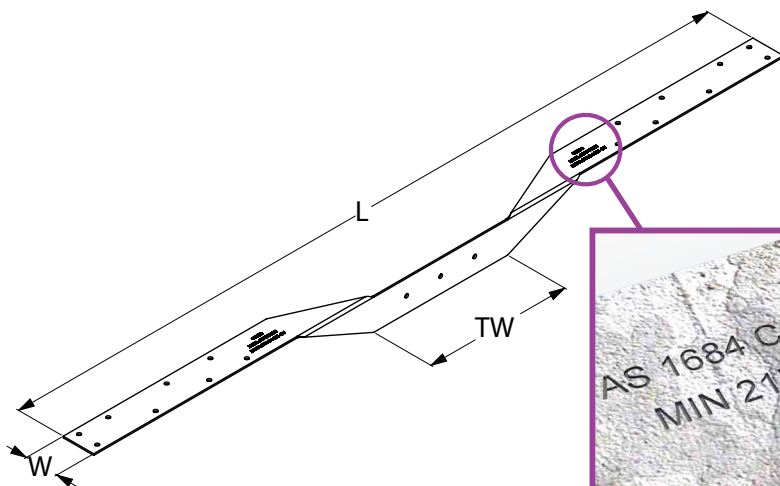
Z275

Galvanised Z275

Part	QFind	Nail Size	Width	Length	Truss Width	Thickness
		(mm)	W (mm)	L (mm)	TW (mm)	(mm)
GSCMG12P400	CS400	2.80	25	400	110	1.2
GSCMG12P600	CS600	2.80	25	600	110	1.2

GSCMG12P400

GSCMG12P600



Compliance Stamp

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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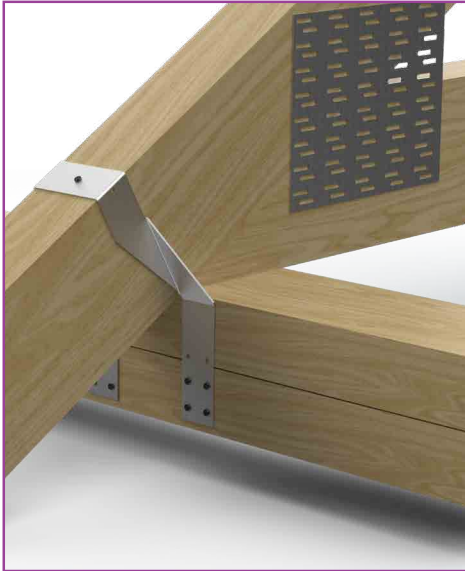


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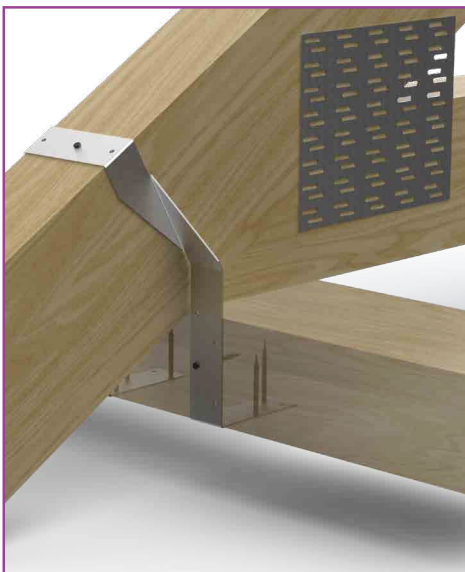
Installation



Face Fixing

1. Bend the strap over the top of the member to be secured and bring both legs into contact with the supporting member.
2. Fix strap to the top of the member to be secured by driving a nail through centering hole on top of strap.
3. Bend legs vertical and fix required number of nails to supporting member.

QFind	Nails per Leg	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
CS400 CS600	2	4.3	3.1	2.2	1.7	1.2	5.5	4.3	3.1	2.5	1.9
	3	6.5	4.6	3.3	2.5	1.8	8.2	6.5	4.6	3.8	2.9
	4	8.7	6.2	4.4	3.3	2.5	11.0	8.7	6.2	5.1	3.9
CS600	6	12.6	8.2	5.8	4.4	3.3	12.6	12.1	8.6	7.1	5.4



Wrap Under Fixing

1. Bend the strap over the top of the member to be secured and bring both legs into contact with the supporting member.
2. Fix strap to the top of the member to be secured by driving a nail through centering hole on top of strap.
3. Bend legs vertical and 1 nail to each leg on the supporting member.
4. Bend legs under the supporting member and fix 3 nails to each leg.

Qfind	Nails per Leg	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
CS600	4	12.6	12.6	10.9	8.2	6.1	12.6	12.6	12.6	12.6	9.6

Design Capacity Factor

Design capacities have been derived from AS1720.1 for category applications. Adjustment factors should be applied for category C2/C3 applications.

Design Category	C1	C2	C3
Adjustment Factor	1.00	0.94	0.88

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