PRODUCT DATA

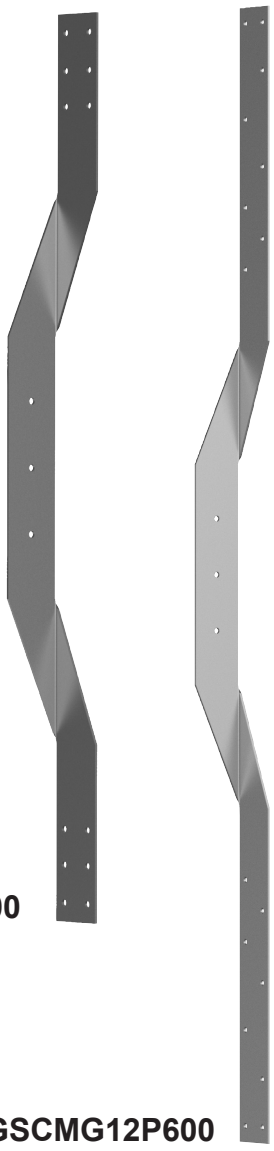
Galvanised Cyclone Tie Down Straps

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

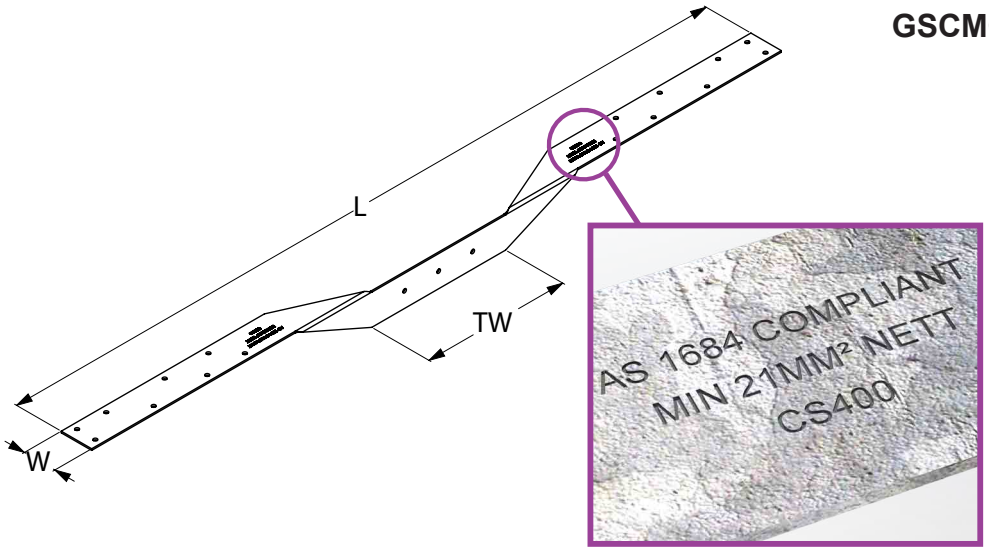
Material	G300 G300 Structural Steel
Finish	Z275 Galvanised Z275

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

PRODUCT DATA

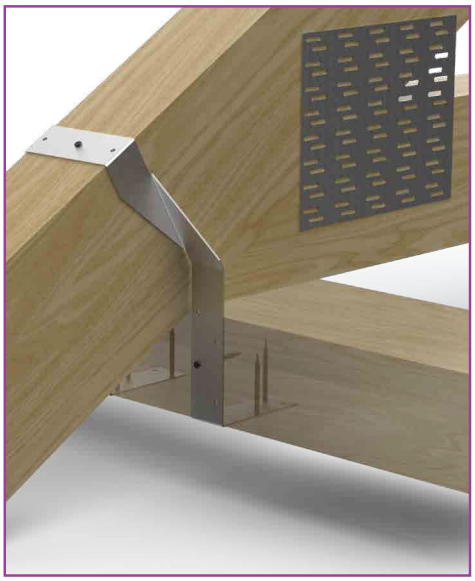
Galvanised Cyclone Tie Down Straps

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