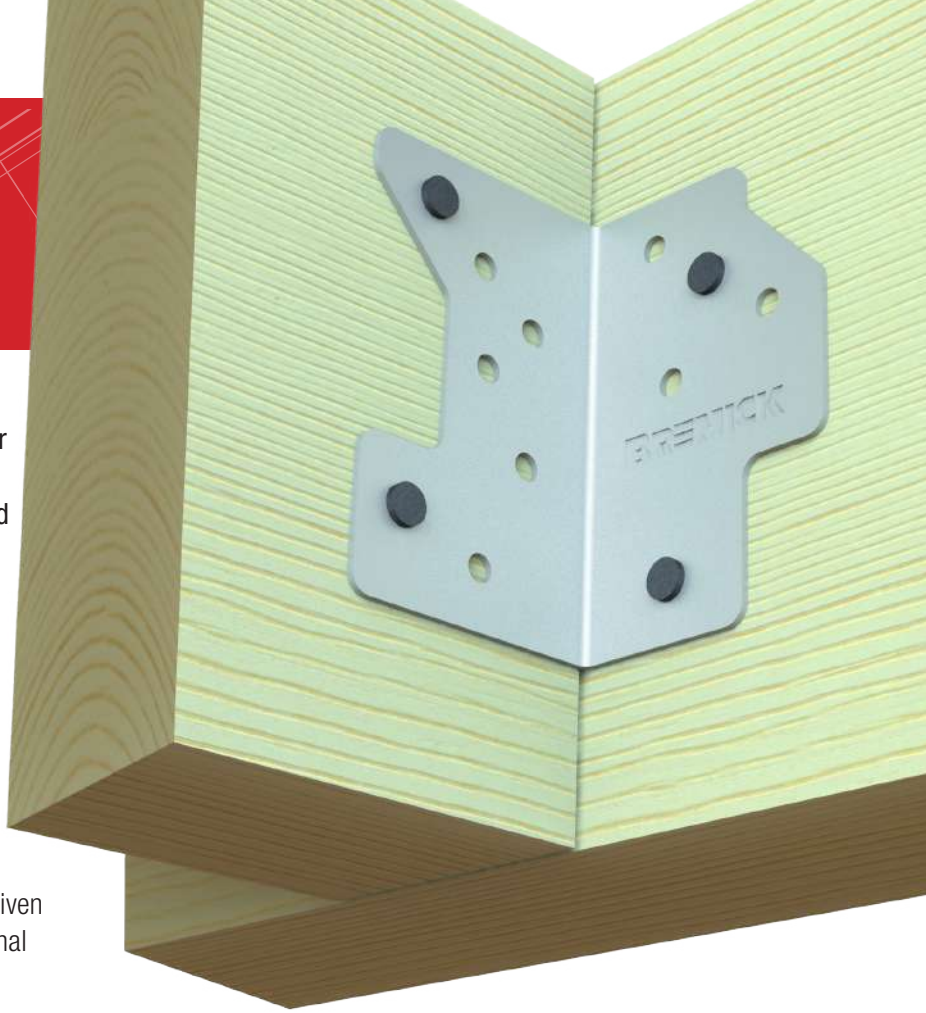
Mini Grip
GALVANISED



Application

The Bremick® Mini Grip is an economical connector for lightly loaded ties in houses and DIY projects. Typical applications include Face Fixing Beams, and Stud/Column fixing.

Advantages

The Bremick® Mini Grip provides numerous benefits including:

- Economical and simple to use connector for right angled joints
- Pre-drilled holes to allow easy fixing of hand driven nails
- 12-gauge, Type 17 self-drilling screws can be driven through the pre-drilled holes and provide additional capacity

Specifications

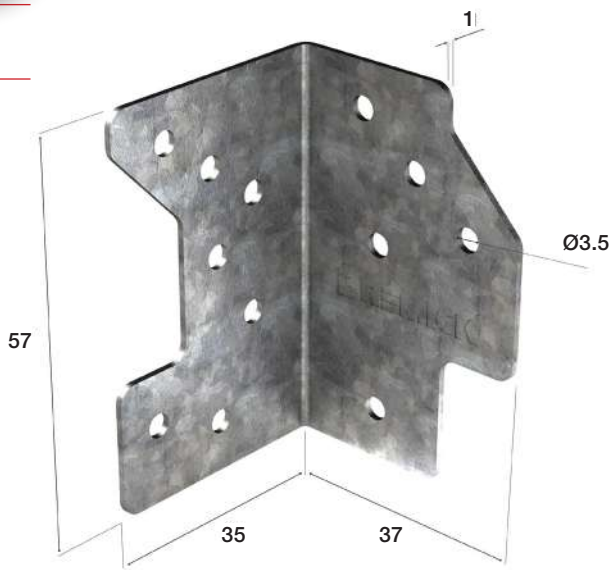
Steel Grade	G300
Coating	Z275 – Galvanised
Thickness	1.0mm
Width A	35mm
Width B	37mm
Length	57mm
Fasteners	Bremick® 35 x 3.15mm Timber Connector Nails Bremick® Type 17, 12g x 35mm Screws

AS1684 Compliant

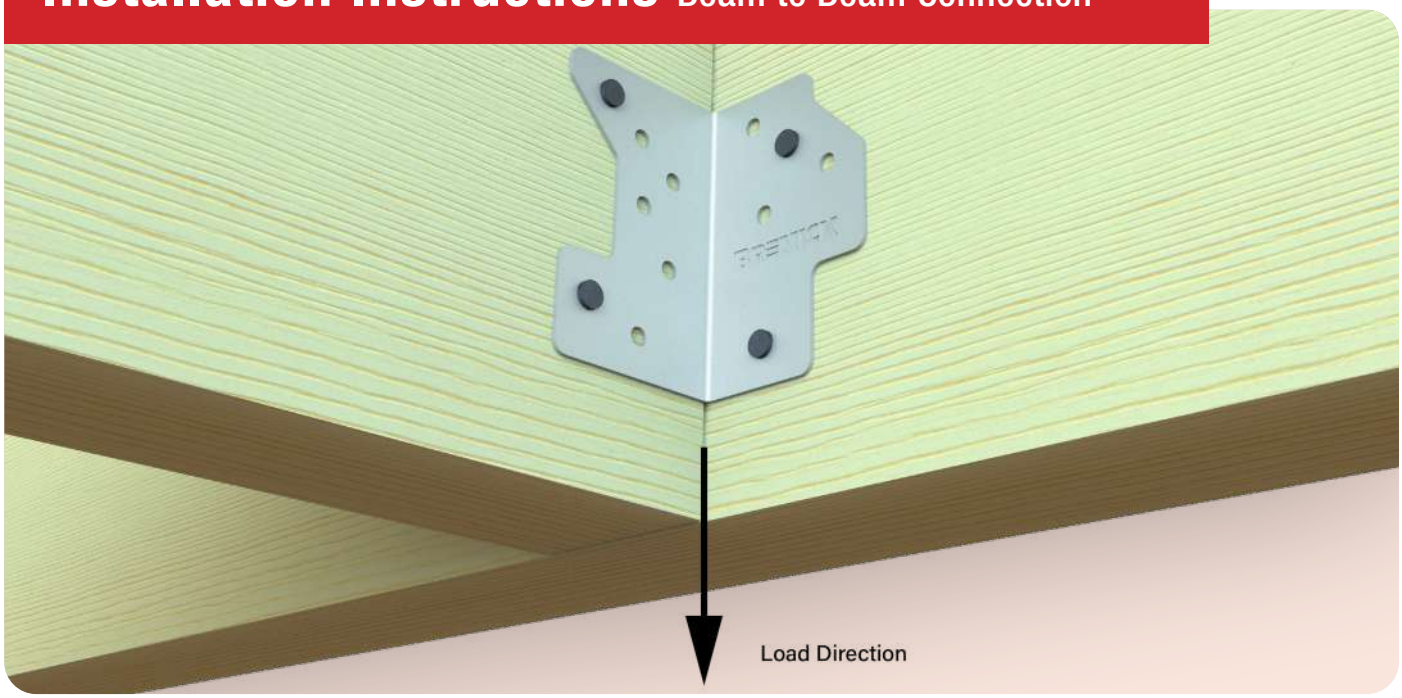
Engineered Performance Tested Compliance

Bremick® Ranging

Product Code	Dimensions
TMGG057035104	57mm x 35mm x 37mm x 1.0mm
Coating	**Pack Qty**
Z275 – Galvanised	100



Installation Instructions Beam to Beam Connection



1

Locate the Bremick® Mini Grip into position, so each flange is flush against the 2 timber beams that are at right angles to each other.

2

Fix 2 Bremick® Timber Connector Nails or 12-gauge, Type 17 self-drilling screws through the pre-punched holes and into each flange.

3

Repeat steps 1 and 2 on the other side of the timber beam.

Technical Data

MINI GRIP

TMGG057035104

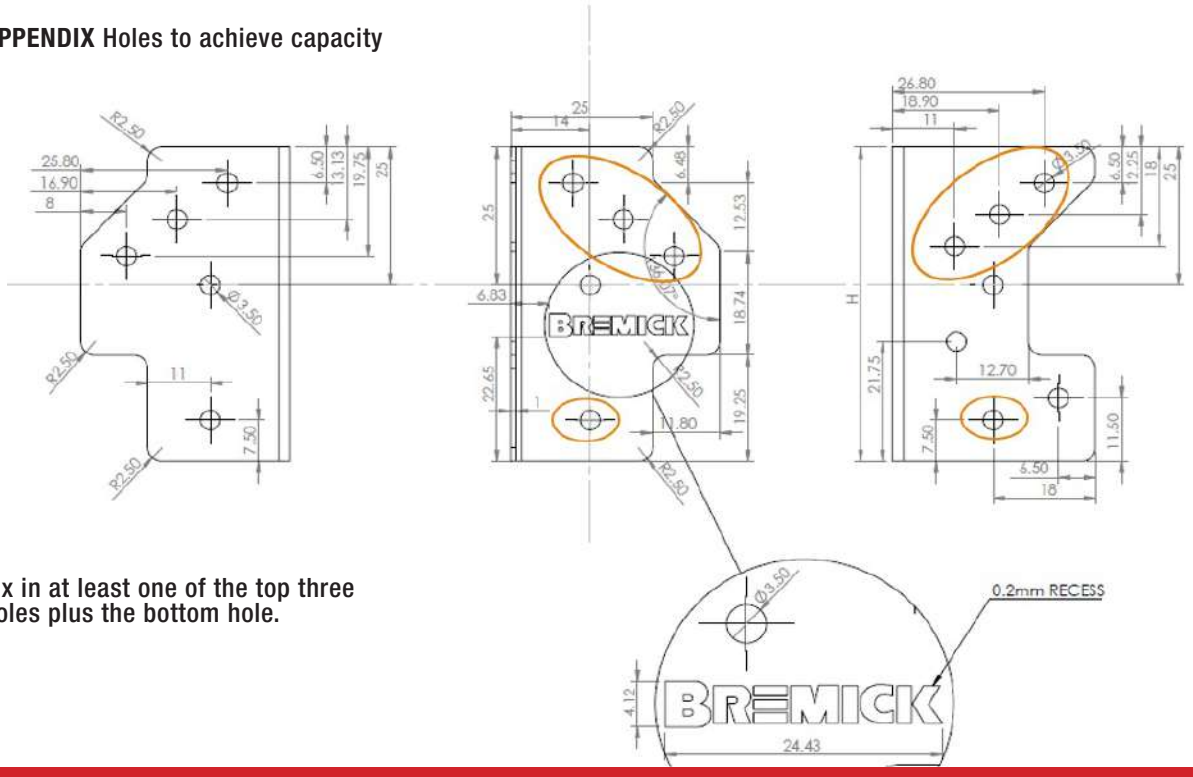
MINIGRIP CAPACITY (ALWAYS USED AS PAIRS)

Table 1 UPLIFT CAPACITY: 2 - 3.15mm DIAMETER NAILS USED @ EACH WING

1.2G+WU OR
0.9G-WU

	Seasoned Timber Capacity (kN) for a PAIR of Minigrips					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	1.9	2.6	3.1	4.3	5.5	7.3
	Unseasoned Timber Capacity (kN) for a PAIR of Minigrips					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	1.2	1.7	2.2	3.1	4.3	5.5

APPENDIX Holes to achieve capacity



Fix in at least one of the top three holes plus the bottom hole.

REMARKS

- These design capacities apply directly for Category 1 joints as described in Table 2.2 of AS1720.1:2010. For Category 2 and Category 3 joints, multiply these capacities by 0.94 and 0.88 respectively.
- The design capacities tabulated above apply directly for wind load case using k1 = 1.14. For other load cases, multiply these capacities by the load factors given below.

	Load Factor			
LOAD CASE	1.35G	1.2G+1.5QF	1.2G+1.5QR	1.2G+WD OR 0.9G - WU
FACTOR	0.5	0.6	0.68	1