PRODUCT DATA

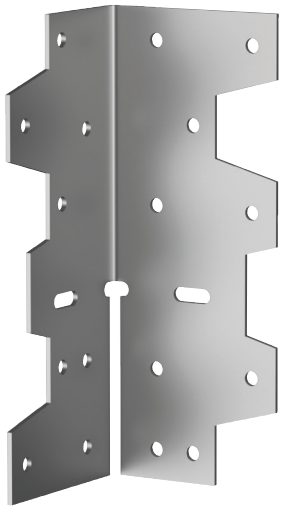
Galvanised Multi-Grip

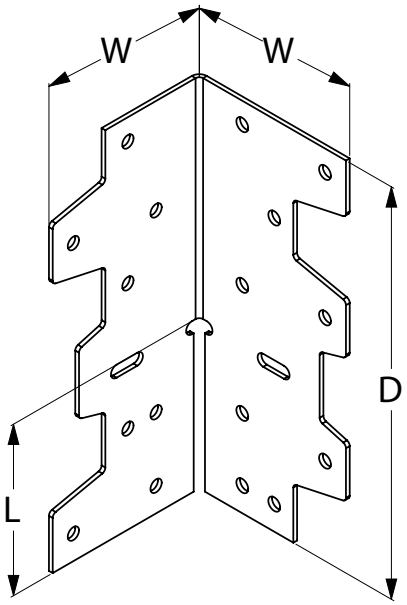
Multi-grips are a versatile timber connector used in a broad range of applications when joining roof, wall, ceiling and floor framing.

Applications	
• Ceiling joists to hanging beam • Truss to top plates • Studs to bottom plates	• Jack flyovers to truncated truss • AS 1684 compliant

Material	G300 Structural Steel
Finish	Z275 Galvanised Z275

Part	Width	Depth	Leg Depth	Thickness
	W (mm)	D (mm)	L (mm)	(mm)
HGMMGD	40	95	40	1.0





Installation Guide

Minimum nail size to achieve stated design capacities: 30 x Ø2.8mm Hot Dip Galvanised Nails.

1. Bend the tabs of the multigrip to the required orientation.
2. Fix multigrip with 10 / 30mm x Ø2.80 nails.

a. In bent orientations there shall be at least 4 nails in the side of each member and 2 nails into the top of one member.

b. In unbent orientation there shall be 5 nails in each member per multigrip.

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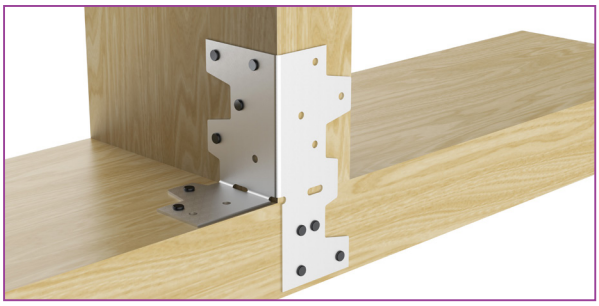
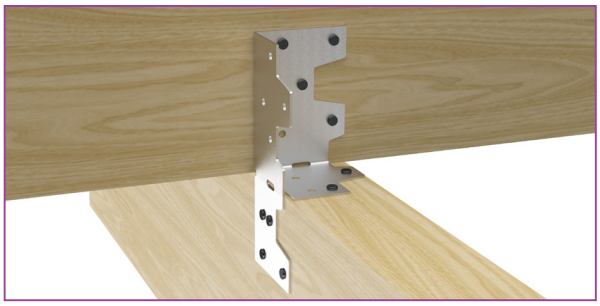
Limit Design Capacities (AS 1720.1)

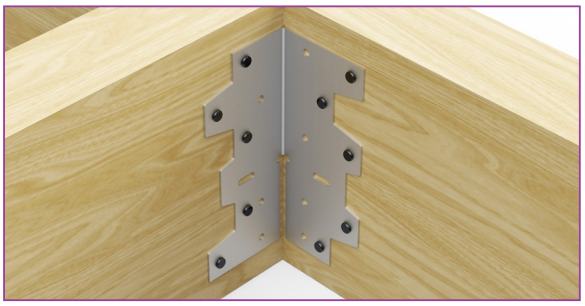
Bent Orientations





Load Type	Minimum Nails in Each Member	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
Dead Load	4	2.2	1.5	1.1	0.8	0.6	2.7	2.2	1.5	1.3	1.0
Wind Uplift	4	4.3	3.1	2.2	1.7	1.2	5.5	4.3	3.1	2.5	1.9

Unbent Orientations



Load Type	Minimum Nails in Each Member	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
Dead Load	5	2.4	1.7	1.2	0.9	0.7	3.2	2.5	1.8	1.5	1.1
Wind Uplift	5	5.4	3.9	2.7	2.1	1.5	6.9	5.4	3.9	3.2	2.4

Design Capacity Factor

Design capacities have been derived from AS1720.1 for Category 1 (C1) applications.
Adjustment factors should be applied for category C2/C3 applications.

Design Category	C1	C2	C3
Adjustment Factor	1.00	0.94	0.88