

## Floor Hanger



**Pre-punched and formed galvanised steel connectors designed specifically to suit Multinail MultiStrut, SpanJoist and SteelWood Floor Joists!**

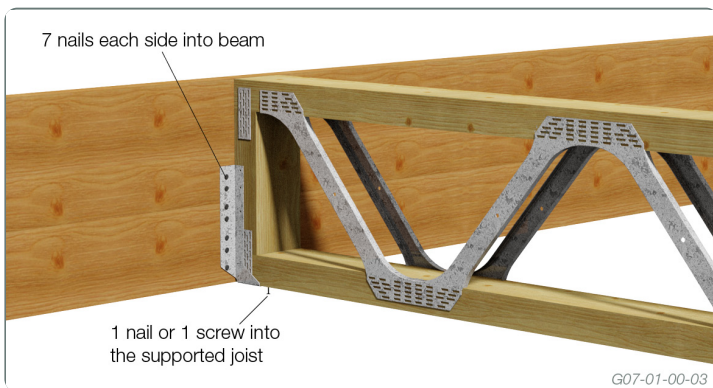
**These pre-punched and formed galvanised steel timber connectors are:**

**Designed to provide an effective method of fixing timber floor struts to beams where face fastening is required.**

**Easy to install and provide a reliable fixing capacity.**

### APPLICATION

The Multinail Floor Hanger is designed to primarily suit Multinail MultiStruts, SpanJoist and SteelWood Floor Joists and to support large size timber beams. The application of Multinail Floor Hangers is simple. Position the MultiStrut, SpanJoist or SteelWood Joist hard against the supporting beam and secure the Floor Hanger to the beam using 7/30mm x 2.8Ø Multinail nails in each side into beam and 1/30mm x 2.8Ø Multinail nail or 1/30mm-No.6 Type 17 screw into the supported MultiStrut, SpanJoist or SteelWood Joist.



### LIMIT STATE DESIGN LOAD

The following table gives the recommended Limit State Design capacities for Multinail Floor Hangers.

Maximum Limit State Design Capacities (kN) for Floor Hangers							
Fixing per side	Load Combination	Joint Group					
		J2	J3	J4	JD3	JD4	JD5
7 Nails	Dead Load	6.3	4.5	3.2	6.3	4.5	3.7
	Dead Load + Floor Live Load	7.6	5.5	3.9	7.6	5.5	4.5
	Dead Load + Roof Live Load	8.5	6.1	4.3	8.5	6.1	5.0

NOTE: The capacities are derived from AS1720-2010 and are for uplift in houses where failure is unlikely to affect an area greater than 25m<sup>2</sup>. For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m<sup>2</sup> these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88.

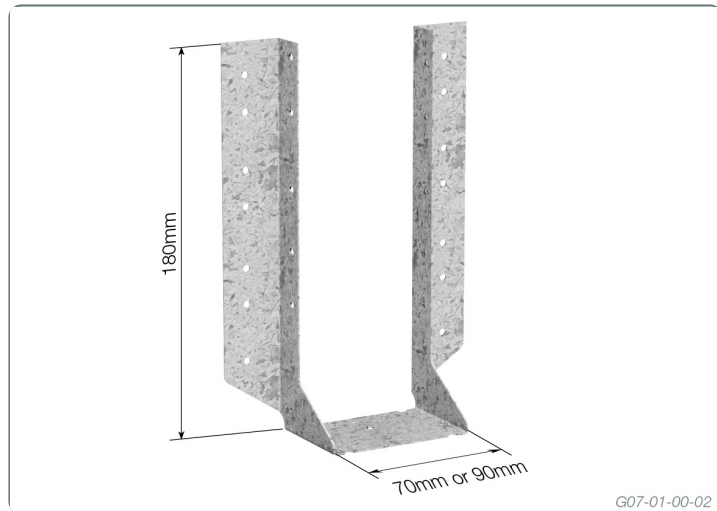
The spans in the table have been determined for domestic housing situations with floor live loads of 1.5kPa. The joint group refers to that of the supporting bearer/beam.

Maximum Span of Floor Joists Supporting Normal Floor Coverings						
No. of nails per side	450mm Floor Joist Centres			600mm Floor Joist Centres		
	JD3/J2	JD4/J3	JD5/J4	JD3/J2	JD4/J3	JD5/J4
7	8700	6300	4400	7000	5000	3500

#### DESCRIPTION AND PACKAGING

Manufactured from 1.0mm Galvanised G300 Z275 Steel

Description W x H (Actual size)	Product Code	Reference Code	Carton quantity	Carton kg.
70 x 180mm (70 x 185)	FH70180	FH70180	50	8.5
90 x 180mm (90 x 175)	FH90180	FH90180	50	8.5
30mm x 2.8Ø Multinail Nails (TA302)				



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.