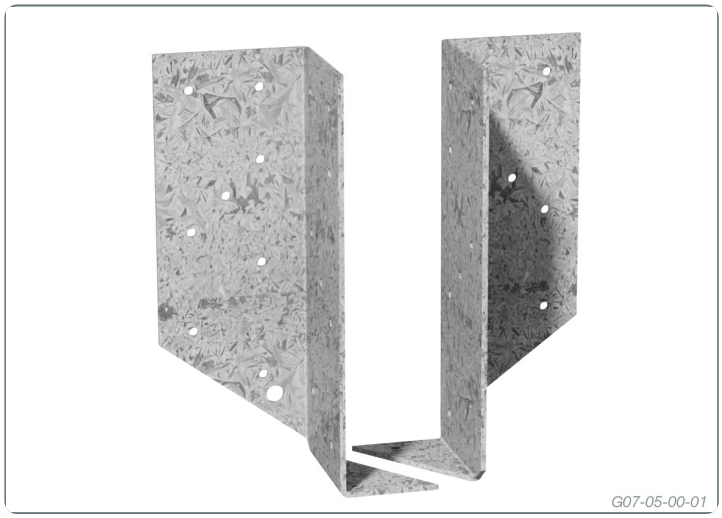
Multinail Hub - Split Hanger

14 May 2020

Multinail Australia

Split Hanger



Pre-punched, formed galvanised steel connector - very easy to install!

These pre-punched and formed galvanised Steel Timber connectors are ideal for:

Fastening Joists to the face of Beams.

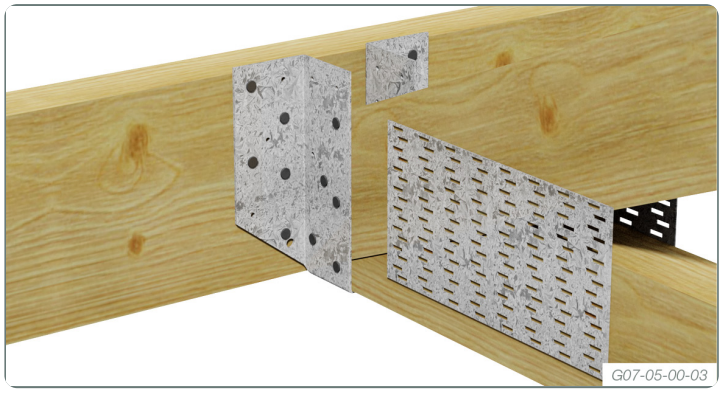
Fastening standard Trusses to Girder Trusses.

Securing Beam to Beam and Joints, Joists to Joists and Jacks to TG Trusses.

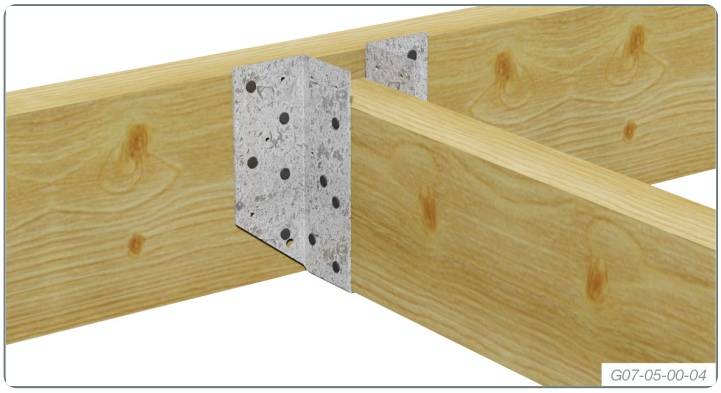
APPLICATION

The Multinail Split Hanger allows you flexibility in fastening the Truss or Beam using nails. Split Hangers are easy to install. Simply use 30mm x 2.8Ø Multinail galvanised nails, through each wing to secure the Split Hanger to the supporting member.

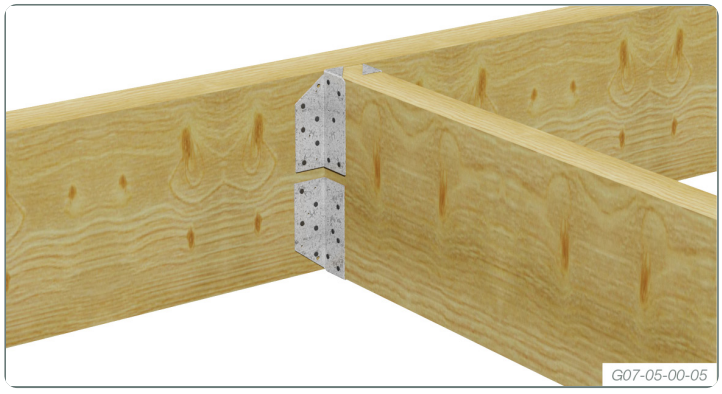
NOTE: 2 Split hangers to be used always in pairs. Minimum 1 each side of supported member.



Multinail Split Hanger secured to single Girder Truss using Multinail galvanised nails



Multinail Split Hanger secured to a Beam using Multinail galvanised nails



Multinail Split Hanger secured to a Beam using Multinail galvanised nails

LIMIT STATE DESIGN LOADS

The following table gives the recommended Limit State Design capacities for Multinail Split Hangers. Design capacities are for use in limited State design procedures to AS1720.1-2010 The capacity of Dead Load, Dead Load Floor Live Load and Dead Load Roof Live Load are referring to nail quantities to a Girder/Beam The capacity of Dead Load + Wind Load are referring to nail quantities to a supported members.

Maximum Limit State Design Capacities (kN) for Split Hangers							
Fixing per side	Load Combination	Joint Group					
		J2	J3	J4	JD3	JD4	JD5
5 Nails	Dead Load	4.5	3.2	2.3	4.5	3.2	2.6
	Dead Load + Floor Live Load	5.5	3.9	2.8	5.5	3.9	3.2
	Dead Load + Roof Live Load	6.1	4.4	3.1	6.1	4.4	3.6
	Dead Load + Wind Load	9.0	6.4	4.6	9.0	6.4	5.3
6 Nails	Dead Load	5.4	3.9	2.7	5.4	3.9	3.2
	Dead Load + Floor Live Load	6.5	4.7	3.3	6.5	4.7	3.8
	Dead Load + Roof Live Load	7.3	5.2	3.7	7.3	5.2	4.3
	Dead Load + Wind Load	10.8	7.7	5.4	10.8	7.7	6.3

NOTE: The capacities are derived from AS1720-2010 and are for uplift in houses where failure is unlikely to affect an area greater than 25m2. For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m2 these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88..

Nail Requirements		
Split Hanger Type	Supporting Member	Supported Member
150 x 50 x 50	5 Nails each side (10 total)	5 Nails each side (10 total)
200 x 50 x 50	6 Nails each side (12 total)	6 Nails each side (12 total)

DESCRIPTION AND PACKAGING

Manufactured from 2.0mm Galvanised G2 Z275 Steel

Description	**Product Code**	**Reference Code**	**Carton quantity**	**Carton kg.**
H x W x D				
150 x 50 x 50	SH15050	SH15050	20	4.4
200 x 50 x 50	SH20050	SH20050	20	5.4
30mm x 2.8Ø Multinail Nails (TA302)