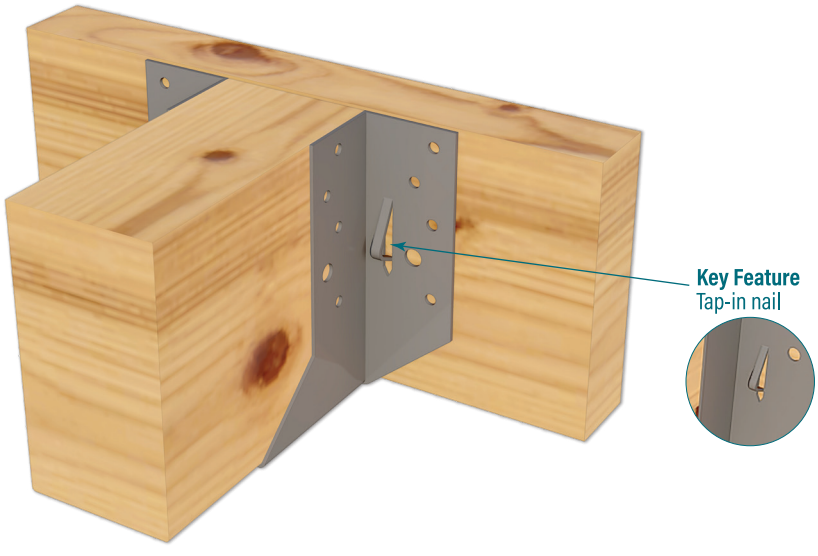
Joist Hangers Structural Fixings Guide

Joist Hangers are designed to be used where a strong rigid joint is required between members butting together at 90 degrees, e.g. floor joist to beam, truss or rafter to beam/bearer.

BRANZ Appraised
Appraisal No. 1320



JOIST HANGERS	
Dimensions (L x H)	Note
47 x 90	For use on gauged 47mm wide timber up to 150mm deep.
47 x 120	Suitable for gauged 47mm wide timber up to 200mm deep.
47 x 190	For gauged 47mm wide timber up to 300mm deep.
95 x 165	For used on gauged 94mm wide timber or double joists/trusses. ***(Joist Hangers to suit 100mm thick (nominal) timber).***

IMPORTANT NOTE

For other load conditions, refer to the Characteristic Load Table below for correct product selection and nailing or screw fixing. In some cases it may be necessary to fully nail or screw fix the Joist Hanger.

JOIST HANGERS	Gravitational				Uplift			
Dimensions (H x L)	Nails Per Flange	Load (kN)	Screws Per Flange	Load (kN)	Nails Per Flange	Load (kN)	Screws Per Flange	Load (kN)
47 x 90	3	9.0	1 (+ 1 nail)	7.0	3	6.0	1 (+ 1 nail)	4.7
47 x 120	5	15.0	2	14.0	5	10.0	2	12.0
52 x 120	5	15.0	2	14.0	5	10.0	2	12.0
47 x 190	9	27.0	3	21.0	9	18.0	3	18.0
52 x 190	9	27.0	3	21.0	9	18.0	3	18.0
95 x 165	8	24.0	3	21.0	8	16.0	3	18.0

1. Nails - 38 x 3.33mm
2. Screws - 14g x 35mm Hex Head

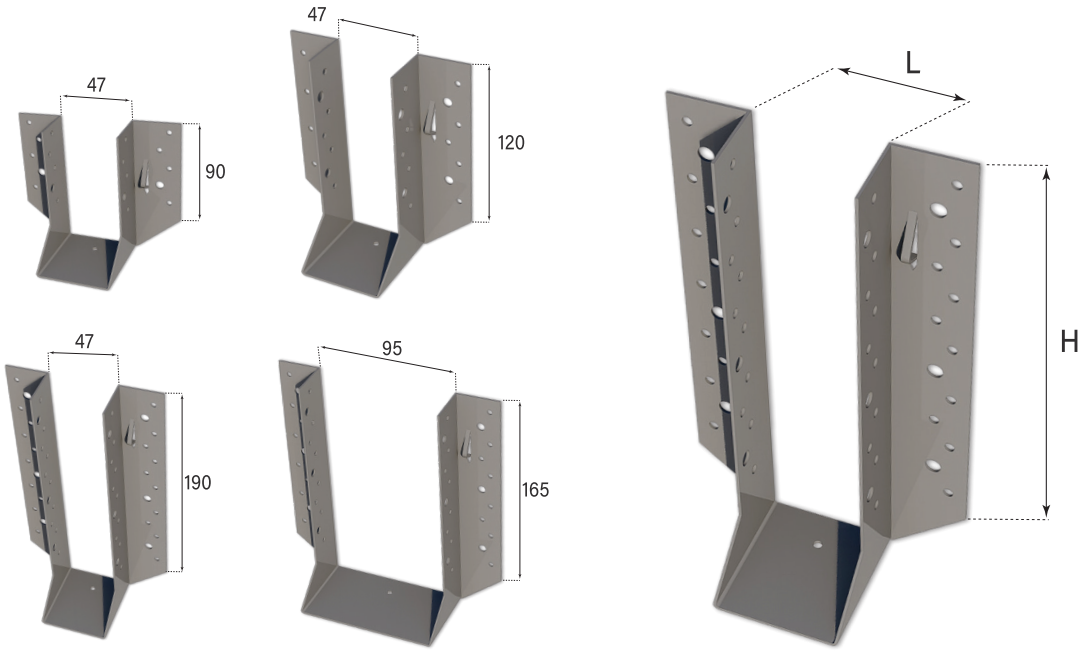
Characteristic Strengths have been derived from testing conducted by **BRANZ (ST-18222) in accordance with EM1 as specified in NZS3604:2011.**

NOTE

For roof trusses, Joist Hangers shall be fully nailed or screw fixed.

SPECIFIED BY futurebuild LVL®

Joist Hangers Ranging



Materials:

1.00mm G300 Z275 Galvanised Steel - *Internal Use (NZS3604:2011 - Closed Environment)*

1.0mm 304 Stainless Steel - *External Use (NZS3604:2011 - Sheltered & Exposed Environment)*

Z275 Galvanised - Indoor Use			
Product Code	Dimensions (H x L)	Description	PCS / Pack
JH4790	47 x 90	Joist Hanger Z275 Galvanised 47 x 90mm	25
JH47120	47 x 120	Joist Hanger Z275 Galvanised 47 x 120mm	25
JH47190	47 x 190	Joist Hanger Z275 Galvanised 47 x 190mm	25
JH52120	52 x 120	Joist Hanger Z275 Galvanised 52 x 120mm	25
JH52190	52 x 190	Joist Hanger Z275 Galvanised 52 x 190mm	25
JH95165	95 x 165	Joist Hanger Z275 Galvanised 95 x 165mm	25
JHSS4790	47 x 90	Joist Hanger 304 Stainless Steel 47 x 90mm	25
JHSS47120	47 x 120	Joist Hanger 304 Stainless Steel 47 x 120mm	25
JHSS47190	47 x 190	Joist Hanger 304 Stainless Steel 47 x 190mm	25
JHSS95165	95 x 165	Joist Hanger 304 Stainless Steel 95 x 165mm	25