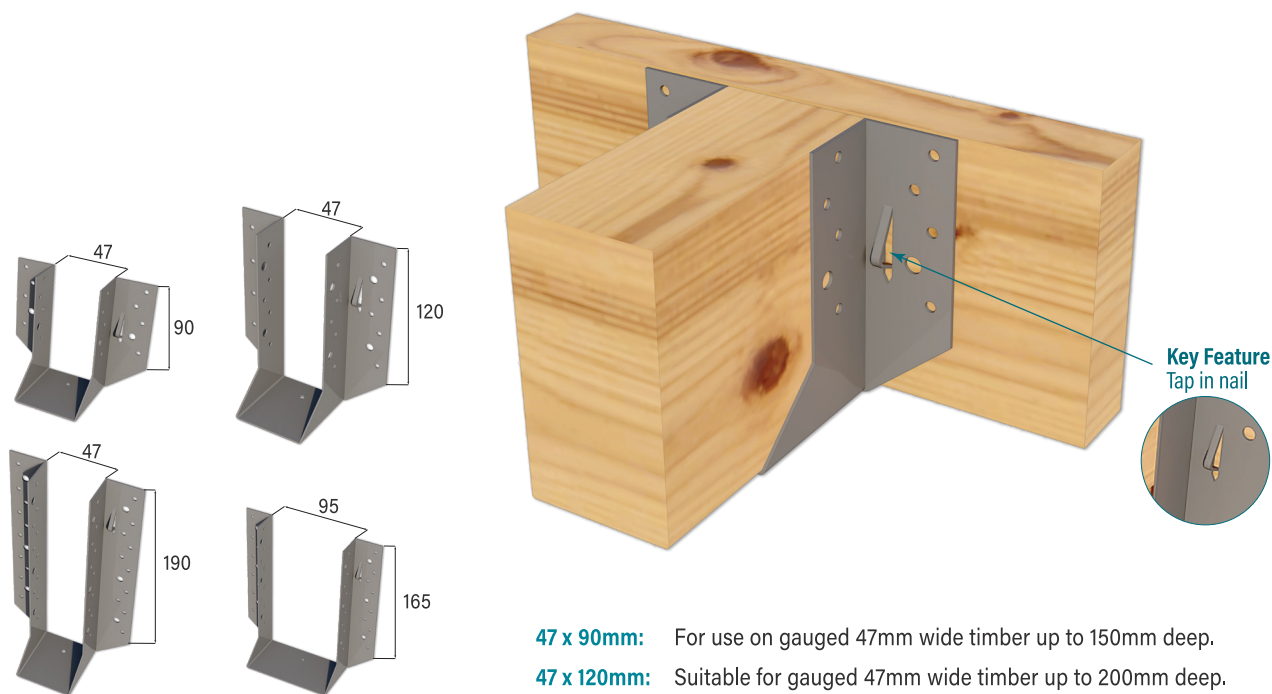


Joist Hangers Structural Fixings Guide

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.



Materials:

1.00mm G300 Z275 Galvanised Steel

1.0mm 304 Stainless Steel

47 x 90mm: For use on gauged 47mm wide timber up to 150mm deep.

47 x 120mm: Suitable for gauged 47mm wide timber up to 200mm deep.

47 x 190mm: For gauged 47mm wide timber up to 300mm deep.

95 x 165mm: 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.

STANDARD HANGER		Gravitational				Uplift			
Product Code	Size (mm)	Nails per Flange	Load (kN)	Screws per Flange	Load (kN)	Nails per Flange	Load (kN)	Screws per Flange	Load (kN)
JH4790 & JHSS4790	47 x 90	3	9.0	1 (+ 1 nail)	7.0	3	6.0	1 (+ 1 nail)	4.7
JH47120 & JHSS47120	47 x 120	5	15.0	2	14.0	5	10.0	2	12.0
JH47190 & JHSS47190	47 x 190	9	27.0	3	21.0	9	18.0	3	18.0
JH95165 & JHSS95165	95 x 165	8	24.0	3	21.0	8	16.0	3	18.0
Nails - 38 x 3.33mm 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.