

JOIST HANGERS

Delfast Joist Hangers are steel connectors designed to provide vertical support and positive fixing for timber joists where a strong, rigid joint is required between framing members meeting at 90 degrees.

Typical applications include joist-to-bearer, joist-to-beam, and similar floor or deck framing connections. Joist hangers provide load-bearing support and connection when installed in accordance with this guide.

Item Code	Pack Size	Barcode
FT-JH47180G	10	9421030296767
FT-JH47180SS	10	9421030296781



Scope of Application

- Supporting 47mm timber joists in floor and deck framing
- Joist-to-bearer and joist-to-beam connections
- Residential timber framing within the scope of NZS 3604

Timber framing is assumed to be SG8 unless otherwise specified.

Compatible Materials

- Timber framing compliant with NZS 3604
- Galvanised joist hangers for general internal and external use
- Stainless steel joist hangers for corrosive or exterior environments

Fasteners:

- Delfast 38 × 3.3mm Joist Hanger Nails
- Delfast 30 × 3.15mm Loose Product Nails
- Delfast Type 17, 12 gauge, 35mm Tek Screws

Fastener material shall match the joist hanger material.

Installation Limitations

- Joist hangers shall only be used where full joist bearing can be achieved.
- All fixing holes must be filled in accordance with the fastener schedule.
- Joist hangers shall not be cut, bent, or modified on site.
- Use is limited to applications within the scope of NZS 3604 unless supported by specific engineering design.

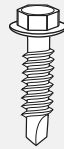
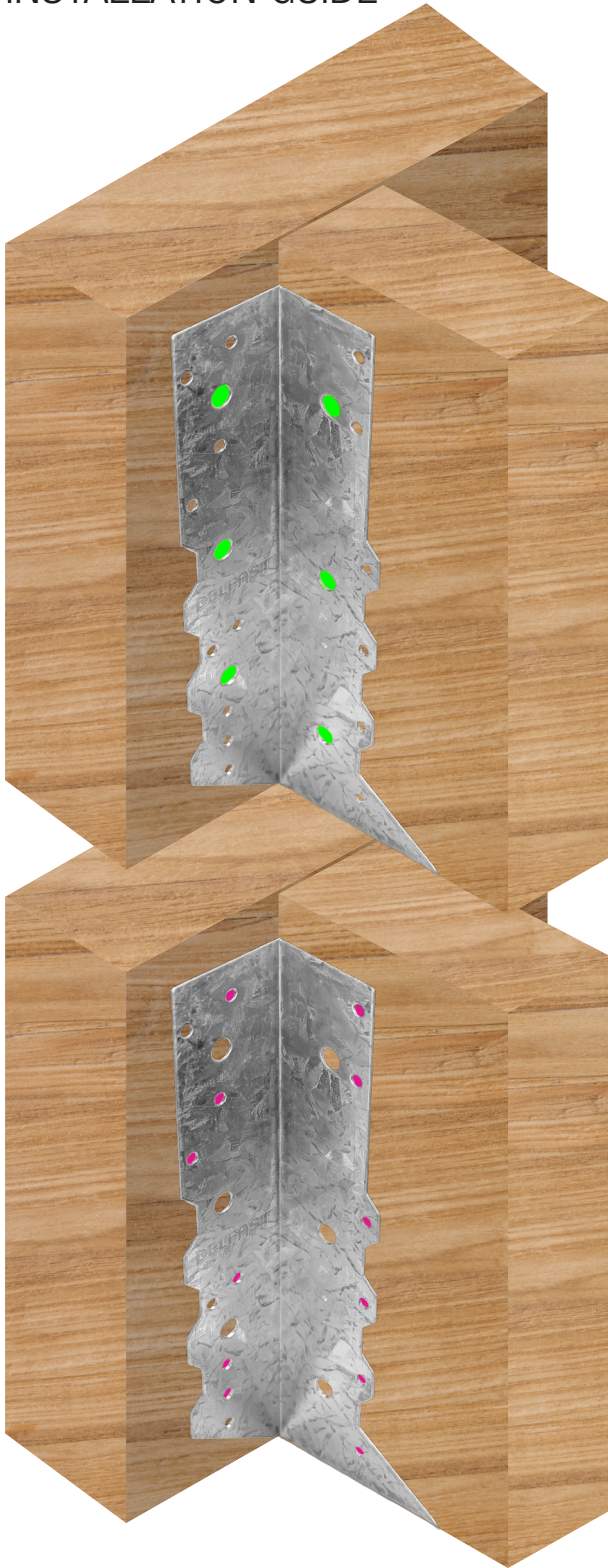
Standards & Compliance

When installed in accordance with this guide and NZS 3604:2011, Delfast Joist Hangers meet the performance requirements of **NZBC Clause B1 Structure** and **Clause B2 Durability**.

For Explanation/diagrams/illustrations detailing all phases of installation Refer to Delfast installation guide or technical drawings.

JOIST HANGERS

INSTALLATION GUIDE



x12

Delfast Type 17,
12 gauge, 35mm
Tek Screws



x24

Delfast 30mm
Loose Product Nails

Fastener Schedule

- Fix all flanges using a **minimum of 24 fasteners total (6 to each flange)** when using nails, Or
- **3 Delfast Type 17, 12 gauge, 35mm Tek screws to each flange**

All designated fixing holes shall be filled unless otherwise specified by an engineer.

Maintain a minimum **35mm edge distance** from timber edges.

Installation Instructions

1. Ensure supporting members are correctly positioned, aligned, and fixed prior to installing the joist hanger.
2. Position the joist hanger so that it provides full bearing support to the joist.
3. Install the joist into the hanger, ensuring it seats fully into the base.
4. Fix all flanges using the specified fasteners in accordance with the fastener schedule.
5. Confirm all fixings are fully driven and the joist is firmly supported with no visible gaps or movement.