

IUS/MIU

I-Joist Hangers



This product is preferable to similar connectors because of (a) easier installation, (b) higher loads, (c) lower installed cost, or a combination of these features.

The IUS is a hybrid hanger that incorporates the advantages of the face-mount and top-mount hanger. Installation is fast with the Strong-Grip™ seat, easy-to-reach face nails and self-jigging locator tabs.

The MIU series hangers are designed for commercial and high-load I-joist applications without requiring web stiffeners. The MIU features Positive Angle Nailing (PAN), which minimizes splitting of the flanges while permitting time-saving nailing from a better angle.

Material: IUS — 18 gauge; MIU — 16 gauge

Finish: Galvanized

Uplift Loads:

- Models have optional triangle joist nail holes for additional uplift. Properly attached web stiffeners are required.
- MIU — add four additional 0.148" x 1½" joist nails for a total uplift load of 975 lb.
- IUS — add web stiffeners and two 0.148" x 1½" joist nails in the triangle holes for a total uplift of 365 lb.

Installation:

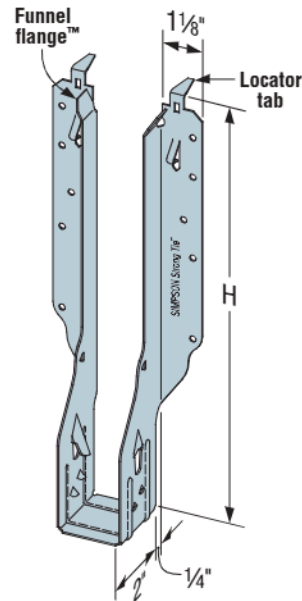
- Use all specified fasteners. Verify that the header can take the required fasteners specified in the table. **Do not overspread hanger.** Side flanges should be in contact with top chord of I-Joist. See pp. 99–100 for more installation information.
- IUS — fasten hanger to header. Position I-joist into hanger and snap into place. No joist nailing required. Some IUS models have triangle and round header nail holes. To achieve max. download, fill both round and triangle holes.
- IUS — Locator tabs are not structural. They may be bent back to adjust for hanger placement.
- IUS — for rimboard applications see technical bulletin T-C-RIMBDHGR at strongtie.com.
- IUS — I-joists with web stiffeners or rectangular sections can be used with the installation of (2) 0.148" x 1½" nails into the optional triangle joist nails.
- IUS — web stiffeners are not required with I-joists when the top flange is laterally supported by the sides of the hanger unless required by I-joist manufacturer.

Options:

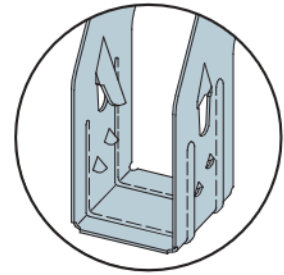
- These hangers cannot be modified. However, these models will normally accommodate a skew of up to 5°. For sloped joists up to ¼:12 there is no reduction; between ¼:12 and up to ½:12, tests show a 10% reduction in ultimate hanger strength. Local crushing of the bottom flange or excessive deflection may be limiting; check with joist manufacturer for specific limitations on bearing of this type.

Codes: See p. 13 for Code Reference Key Chart

Web Applications: Visit app.strongtie.com/hs to access our Hanger Selector web application.

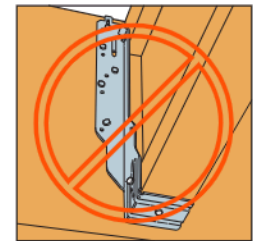


IUS
(some IUS models have triangle holes in header flanges for min./max. nailing)



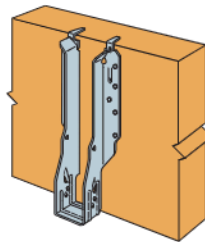
The Strong-Grip™ seat secures I-joists in position without joist nails.

Avoid a Misinstallation

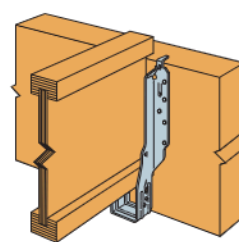


Do not make your own holes. Do not nail the bottom flange.

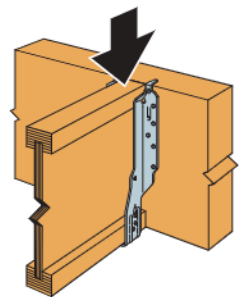
IUS Installation Sequence



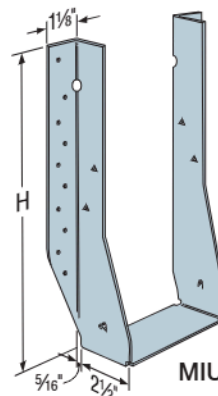
Step 1
Attach the IUS to the header.



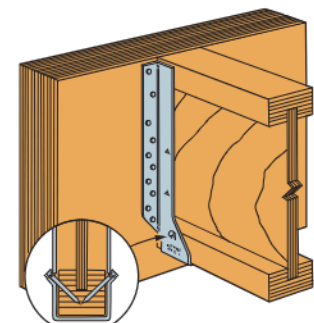
Step 2
Slide the I-joist downward into the IUS until it rests above the large teardrop.



Step 3
Firmly push or snap I-joist fully into the seat of the IUS.



MIU



MIU with Correct PAN Installation