Double-Shear Face-Mount 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.

All hangers in this series have double-shear nailing. This innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation and the use of standard nails for all connections. (Do not bend or remove tabs.)

Material: See tables, pp. 104–113

Finish: Galvanized. Some products available in stainless steel or ZMAX® coating; see Corrosion Information, pp. 13–15.

Installation:

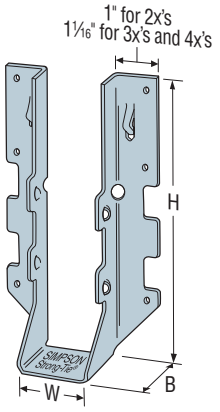
- Use all specified fasteners; see General Notes.
- Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.
- 0.148" x 3¼" nails may be used where 0.148" x 3" nails are specified with no reduction in load. Where 0.162" x 3½" nails are specified, 0.148" x 3" or 0.148" x 3¼" nails may be used at 0.85 of the table load.
- With 3x carrying members, use 0.162" x 2½" nails into the header and 0.162" x 3½" nails into the joist with no load reduction.
- With 2x carrying members, use 0.148" x 1½" nails into the header and 0.148" x 3" nails into the joist, reduce the load to 0.64 of the table value.

Allowable Loads:

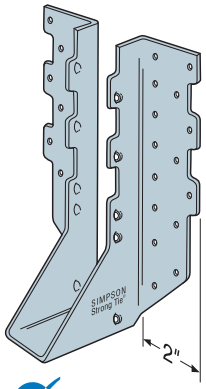
- See table on pp. 104–113 for loads.

Options:

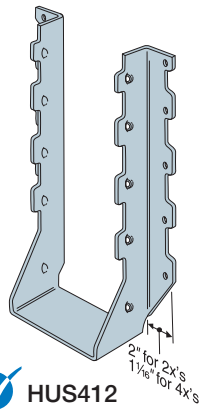
- LUS/HUS hangers cannot be modified.
- See next page for HHUS/HGUS modifications.



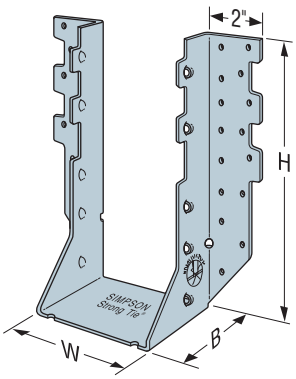
LUS28



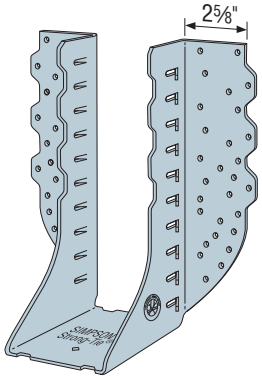
HUS210
(HUS26 and HUS28 similar)



HUS412



HHUS410



HGUS3.25/12

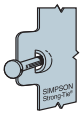
Double-Shear Nailing



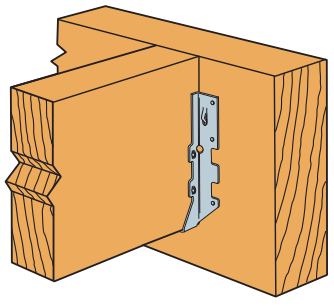
Double-Shear Nailing Top View



Double-Shear Nailing Side View — Do not bend tab



Dome Double-Shear Nailing Side View *(Available on some models)*



Typical LUS28 Installation
use 0.148" x 3" nail or
0.148" x 3¼" nail

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LUS/HUS/HHUS/HGUS

Double-Shear Face-Mount Joist Hangers (cont.)

HHUS/HGUS

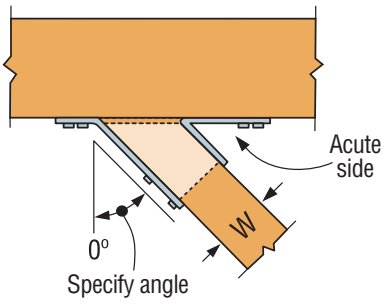
HHUS — Sloped and/or Skewed Seat

- HHUS hangers can be skewed to a maximum of 45° and/or sloped to a maximum of 45°
- For skew only, maximum allowable download is 0.85 of the table load
- For sloped only or sloped and skewed hangers, the maximum allowable download is 0.65 of the table load
- Uplift loads for sloped/skewed conditions are 0.72 of the table load, not to exceed 2,475 lb.
- The joist must be bevel-cut to allow for double-shear nailing

HGUS — Skewed Seat

- HGUS hangers can be skewed only to a maximum of 45°. Allowable loads are:

HGUS Seat Width	Joist	Download	Uplift
W < 2"	Square cut	0.62 of table load	0.46 of table load
W < 2"	Bevel cut	0.72 of table load	0.46 of table load
2" < W < 6"	Bevel cut	0.85 of table load	0.41 of table load
2" < W < 6"	Square cut	0.46 of table load	0.41 of table load
W > 6"	Bevel cut	0.85 of table load	0.41 of table load



Top View HHUS Hanger Skewed Right
(joist must be bevel cut)
All joist nails installed on the outside angle *(non-acute side)*.

HUCQ

Heavy-Duty Face-Mount Joist Hanger

The HUCQ series are heavy-duty joist hangers that incorporate Strong-Drive® SDS Heavy-Duty Connector screws. Designed and tested for installation at the end of a beam or on a post, they provide a strong connection with fewer fasteners than nailed hangers. See pp. 144–150 for structural composite lumber hangers.

Material: 14 gauge

Finish: Galvanized. Most models available in stainless steel or ZMAX® coating.

Installation:

- Use all specified fasteners; see General Notes.
- Install ¼" x 2½" Strong-Drive SDS Heavy-Duty Connector screws, which are provided, in all round holes. (Lag screws will not achieve the same load.)
- HUCQ hangers can be welded to a steel member. Allowable loads are the lesser of the values in the hanger tables on pp. 104–113 or the weld capacity — refer to technical bulletin T-C-HUHUC-W at **strongtie.com**.

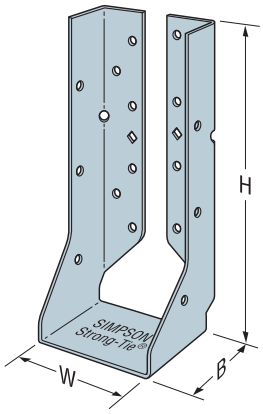
Allowable Loads:

- See table on pp. 104–113 for loads.

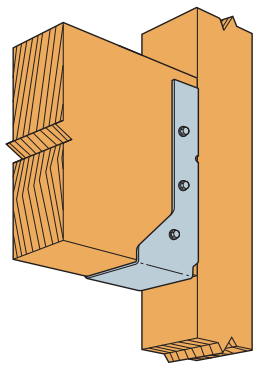
Options:

- These hangers cannot be modified.

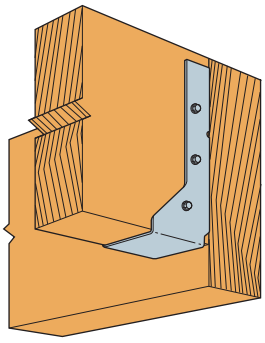
Codes: See p. 12 for Code Reference Key Chart



HUCQ410



Typical HUCQ Installation on a Post



Typical HUCQ Installation on a Beam

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