

FACE MOUNT HANGERS U/HU/HUC/HUCQ I-Joist & Structural Composite Lumber Hangers

See Hanger tables on pages 84 to 88. See Hanger Options on pages 181-183 for hanger modifications, which may result in reduced loads.

U—The standard U hanger provides flexibility of joist to header installation. Versatile fastener selection with tested allowable loads.

HU/HUC—Most models have triangle and round holes. To achieve maximum loads, fill both round and triangle holes with common nails. These heavy-duty connectors are designed for schools and other structures requiring additional strength, longevity and safety factors.

HUCQ—Features concealed flanges so it can be installed close to the end of the supporting beam or on a post. They install with Simpson Strong-Tie® Strong-Drive® screws (SDS) (supplied with the hanger) for high capacity and ease of installation.

MATERIAL: See tables on pages 84 to 88.

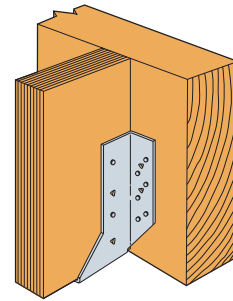
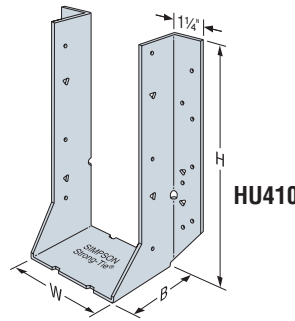
FINISH: Galvanized

INSTALLATION: • Use all specified fasteners. See General Notes.

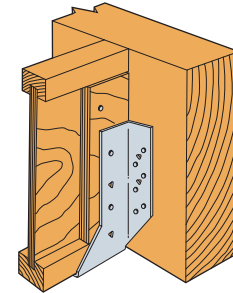
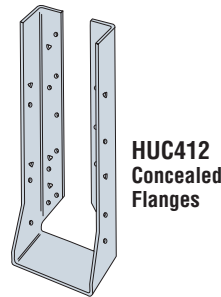
- HU/HUC—can be installed filling round holes only, or filling round and triangle holes for maximum values.
- HUCQ—When using structural composite lumber columns, the capacities shown in the tables are for fasteners applied to the wide face of the column. **See technical bulletin T-SCLCOLUMN for more information (see page 191 for details).**
- Web Stiffeners are required for all I-joists used with these hangers.
- For installation to masonry or concrete, see page 140.
- HU/HUC hangers can be welded to a steel member. Allowable loads are the lesser of the values in the Hanger tables on pages 84-88 or the weld capacity – refer to technical bulletin T-HUHUC-W (see page 191 for details).

- OPTIONS:** • HU hangers available with the header flanges turned in for 2 $\frac{3}{4}$ " and larger widths, with no load reduction—order HUC hanger.
- See Hanger Options on pages 181-183 for sloped and/or skewed U/HU models, and HUC (concealed flange) models.
 - See also HUS series.

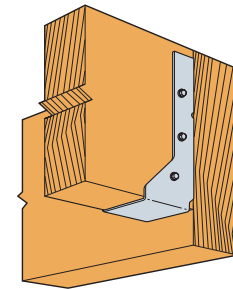
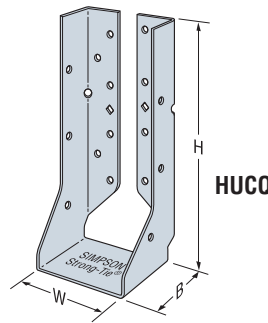
Model configurations may differ from those shown. Some HU models do not have triangle holes. Contact Simpson Strong-Tie for details.



Typical HU7 Installation



Typical HU7 Installation



Typical HUCQ Installed on End of a Beam

Engineered Wood & Structural Composite Lumber Connectors

FACE MOUNT HANGERS HUS/HHUS/HGUS Double Shear SCL Hangers

See Hanger tables on pages 87-88. See Hanger Options on pages 180-181 for hanger modifications, which may result in reduced loads.

These hangers are designed for applications where higher loads are needed (also see HUC and HUCQ).

All hangers in this series have double shear nailing. This patented 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 common nails for all connections. (Do not bend or remove tabs)

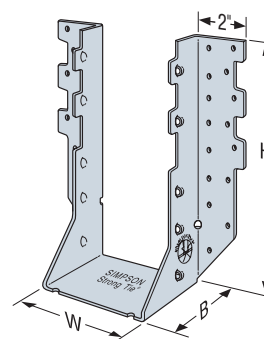
MATERIAL: See tables, pages 87-88.

FINISH: Galvanized. Some products available in stainless steel or ZMAX®; see Corrosion Information, page 10-11.

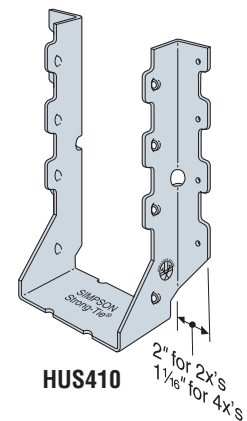
INSTALLATION • Use all specified fasteners. See General Notes.

- Do not use double shear hangers with I-joists.
- 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.
- 16d sinkers (0.148" dia. x 3 $\frac{1}{4}$ " long) may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (0.148" dia. x 3 $\frac{1}{4}$ " long) may be used at 0.85 of the table load.
- With 3x carrying members, use 16dx2 $\frac{1}{2}$ " (Simpson Strong-Tie® N16) nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10dx1 $\frac{1}{2}$ " nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.

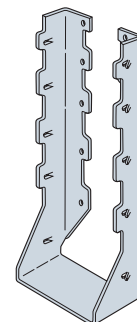
- OPTIONS:** • HUS hangers available with the header flanges turned in for 3 $\frac{1}{2}$ " wide joist only, with no load reduction. See HUSC Concealed Flange illustration.
- Concealed flanges are not available for HGUS, HUS1.81/10 and HHUS.
 - See Hanger Options, pages 181-183, for sloped and/or skewed HHUS and HGUS models.
 - Other sizes available; contact Simpson Strong-Tie for details.



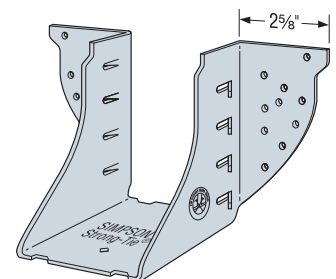
HHUS410



HUS410



HUSC Concealed Flanges (not available for HHUS, HGUS and HUS1.81/10)



HGUS46