

Hanger Options General Notes

Hanger Options

The Hanger Options Matrix for Face Mount and Top Flange Hangers in each of the respective hanger sections shows hanger modifications and special applications (uplift, nailers and weldability) that are available for each model series. Modifications may not be available for all models in the series, and some combinations of hanger options are not available. Many hanger modifications result in load reductions. For all modifications, refer to the listed hanger option pages for additional information regarding the availability of each

modification, associated load reductions, and installation requirements. For joists sloped up to ¼:12, there is no load reduction. For slopes greater than ¼:12, see individual product pages or refer to technical bulletin T-C-SLOPEJST at strongtie.com. For more information regarding the applications, refer to the individual product pages throughout the catalog.

For attaching to headers made up of multiple plies, refer to T-C-MPLYHEADR at strongtie.com.

Hanger Option General Notes

This information applies only to the hangers manufactured by Simpson Strong-Tie and installed per our instructions. Some combinations of these options on a single hanger have not been evaluated. In some cases, combinations of these options cannot be manufactured. A qualified designer must always evaluate each connection, including header and joist limitations, before specifying the product.

Testing is performed using a standardized hanger test method. The joist in the test setup may include the minimum amount of structural stability where appropriate. For example, the sloped down hanger tests are assembled with a joist cut on the lower end to lie flush with a wood member attached with three 8d common toenails. Header and other attached structural members are assumed fixed in actual installations. Horizontal loads induced by sloped joists must be resisted by other members in the structural system.

Material: Gauge may vary from that specified depending on the manufacturing process used. U, HU, HUTF, WP and BA hangers normally have single-piece stirrups; occasionally, the seat may be welded. Hanger configurations, height and fastener schedules may vary from the tables depending on the joist size, skew and slope.

Finish: See specific hanger tables. Welded specials: Simpson Strong-Tie gray paint. Specials that are not galvanized before fabrication can be hot-dip galvanized after fabrication; specify HDG.

Codes: Modified hangers, due to their numerous variations, are not on code reports.

Loads: For multiple modifications on the same connector, use the single multiplier factor that yields the lowest design loads.

To Order: Use the abbreviations below to order specials. The example shows a HWP3.56X hanger and illustrates most available options; most special hangers have only a few of these features. For assistance, contact Simpson Strong-Tie.

Installation:

- Fastener quantities may be increased beyond the amount specified in the standard hanger table.
- Fill all holes with the table-specified fastener types.
- Some skewed hangers require bevel cut joists; refer to the specific notes provided for each product.

| | | | | | | | |
|----------------|----------|--------------------------------|--|--|---|---|--|
| HWP3.56 | X | H₁ = Specify | SLD30 | SKL20 | TFDL20 | TFO20 | OSR |
| Base Model | | Height | Seat Sloped Down (30°) (SLU = Seat Up) | Skewed Left (20°) (SKR = Skewed Right) | Top Flange Down Left (20°) (TFDR = Top Flange Down Right) | Top Flange Open (20°) (TFC = Top Flange Closed) | Offset Top Flange Right (OSL = Offset Top Flange Left) |
| | | X = Modification | | | | | |

The Joist Hanger Selector software enables you to select the optimal product for your project. The software takes into consideration all the characteristics seen in this catalog. Visit strongtie.com/jhs.

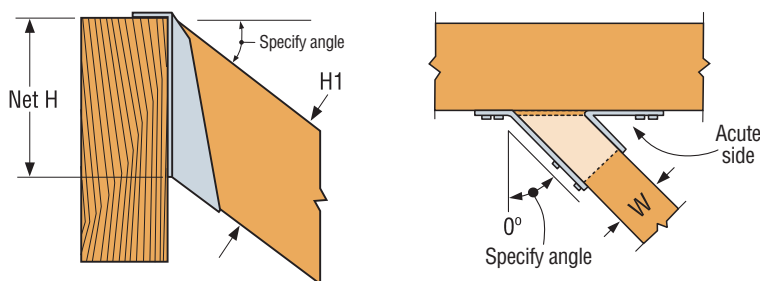
Height for Sloped Hangers

Height 1 (H₁) is the joist height before the slope cut has been made.

Net Height (Net H) is the joist height after the slope cut has been made.

Provide **H₁** when ordering a connector. Connectors are made assuming dry lumber is being used in continuously dry conditions.

Simpson Strong-Tie will calculate the **Net H** dimension based on the mathematical formula of H_1/\cos angle.



Face-Mount Hanger Option Matrix

| Base Model Series | Hanger Modification Options | | | | | | | Applications | Hanger Option Page(s) |
|-------------------|-------------------------------------|--------------------------|-------------|------------------------|---------------------|------------------|-------------------|--------------------|-----------------------|
| | Skewed Seat | | Sloped Seat | Skewed and Sloped Seat | Concealed Flange(s) | Alternate Widths | Alternate Heights | | |
| | Allowable Skew | Square Cut Joist Allowed | | | | | | Uplift Weldability | |
| DHU | ≤ 45° | ● | | | ○ | | | U | 238 |
| HGU | ≤ 45° | See Note 4 | | | ○ | ● | ● | U | 144 |
| HGUM | ≤ 45° | See Note 4 | | | ● | ● | ● | U | 246–248 |
| HGUS | ≤ 45° | ○ | | | | | | U | 102 |
| HHGU | | | | | ● | ● | ● | U | 144 |
| HHUS | ≤ 45° | | ≤ 45° | ● | | | | U | 102, 141 |
| HSUL / HSUR | 45° Std. | ● | | | ○ | | | U | 120, 154 |
| HSULC / HSURC | 45° Std. | ● | | | Std. | | | U | — |
| HTU | ≤ 67½° | ● | | | | | | U | — |
| HU | ≤ 67½° ○ | ● | ≤ 45° | ● | ○ | ○ | ○ | U, W | 100–101, 142–143 |
| HUC | See Note 3 | ● | ≤ 45° | | Std. | ○ | ○ | U, W | 100–101, 142–143 |
| HUCQ | | | | | Std. | | | U, W | — |
| HUS | | | | | | | | U | — |
| IUS | | | | | | | | U | — |
| LGU | ≤ 45° | ● | | | ○ | ● | ● | U | 144 |
| LGUM | ≤ 45° | See Note 4 | | | | | | U | 246–248 |
| LSSJ / LSSR | Field skewable and slopeable to 45° | | | | | | | U | — |
| LTHJA | | | | | | | | U | — |
| LTHMA | | | | | | | | U | — |
| LU | | | | | | | | U | — |
| LUC | | | | | Std. | | | U | — |
| LUS | | | | | | | | U | — |
| MGU | ≤ 45° | See Note 4 | | | ○ | ● | ● | U | 144 |
| MIU | | | | | | | | U | — |
| MUS | | | | | | | | U | — |
| SUL / SUR | 45° Std. | ● | | | | | | U | 120, 154 |
| SULC / SURC | 45° Std. | ● | | | Std. | | | U | — |
| THGB / THGBH | ≤ 45° | See Note 4 | | | | ○ | | U | 218 |
| THGBV / THGBHV | ≤ 45° | See Note 4 | | | | | | U | 218 |
| THGQH | 45° | ● | | | | | | U | 215 |
| THJA | | | | | | | | U | — |
| THJU | | | | | | ○ | | U | 210 |
| U | ≤ 67½° | ● | ≤ 45° | ● | | ○ | ○ | U | 100–101, 142–143 |

1. Refer to the specific product pages for uplift, nailer, and weld information.
2. Refer to the listed pages for each model series for restrictions, required load reductions, and additional information regarding the hanger modifications.
3. HUC less than 3¼" wide cannot be skewed 45°. See pp. 101 and 143 for allowable skews for narrower widths.
4. Square cut allowed for beams up to 5½" and four-ply trusses.
5. For sloped and skewed combinations on top-flange hangers, specify whether the beam will be high side, low side, or center flush with carrying member.

● = Available for all models ○ = Available for some models Std. = Available with standard model (no modification required)

LUC/LU/U/HU/HUC

Standard Face-Mount Joist Hangers

LUC — Concealed-flange hanger available for 2x6, 2x8, 2x10 and 2x12 lumber. Ideal for end of ledger/header or post conditions, the LUCZ also provides cleaner lines for exposed conditions such as overhead decks.

LU — Value engineered for strength and economy. Precision-formed — engineered for installation ease and design value.

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 additional strength, longevity and safety factors.

Material: See tables on pp. 104–114

Finish: Galvanized. Some products available in ZMAX® coating or stainless steel.

Installation:

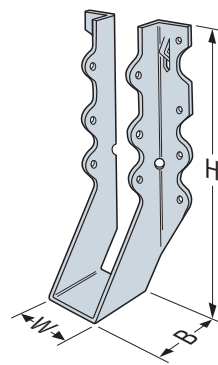
- Use all specified fasteners; see General Notes.
- HU/HUC — Can be installed filling round holes only, or filling round and triangle holes for maximum values.
- Joists sloped up to ¼:12 achieve table loads.
- For installations to masonry or concrete see pp. 243–245.
- HU/HUC hangers can be welded to a steel member. Allowable loads are the lesser of the values in the hanger tables on pp. 104–114 or the weld capacity — refer to technical bulletin T-C-HUHUC-W at strongtie.com.
- When nailing into **solid sawn** carrying member's end grain, the allowable load is adjusted by a factor of 0.67.

Allowable Loads:

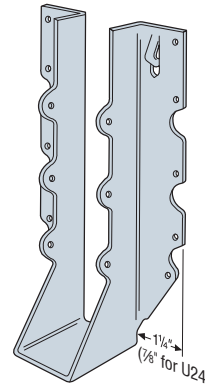
- See table on pp. 104–114 for loads.

Options:

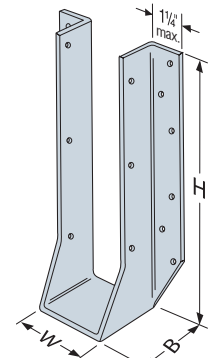
- For both flanges concealed, order HUC.
- When the HUC is skewed, the header flange opposite the skew direction is not concealed. See p. 101.
- For low-cost, code approved 45° skewed hangers, see SUR/SUL.
- For field-adjustable hangers, see LSSJ, LRUZ and LSSR on pp. 117–119.
- See modifications table for available options and associated load capacities for U and HU hangers.
- For ease of ordering, refer to technical bulletin T-C-U-HU-WS at strongtie.com.
- LU/LUC cannot be modified.



LU28
(except LU roughs)

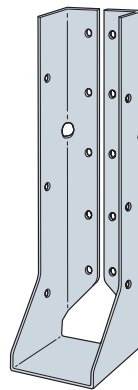


U210

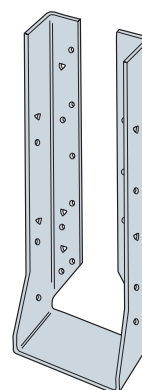


HU214

Projection seat on most models for maximum bearing and section economy.

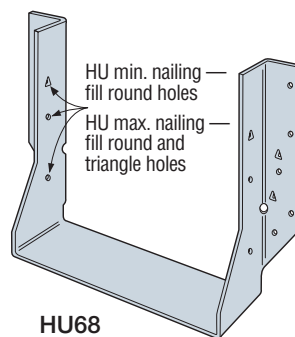


LUC210Z
(LUC26Z similar)

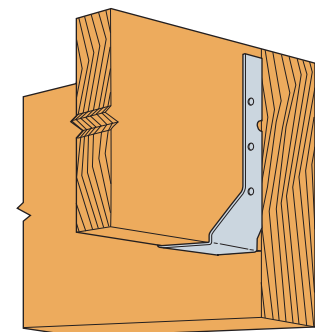


HUC412
Concealed flanges

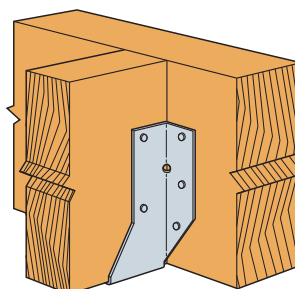
Model configurations may differ from those shown. Some HU models do not have triangle holes. Contact Simpson Strong-Tie.



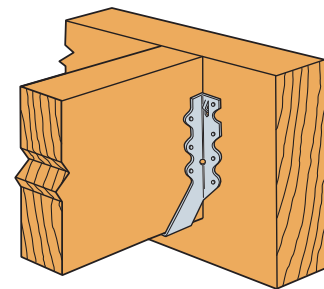
HU68



Typical LUCZ Installation



Typical HU Installation



Typical LU28 Installation

LUC/LU/U/HU/HUC

Standard Face-Mount Joist Hangers (cont.)

U/HU/HUC Series Modifications and Associated Load Reduction Factors

| Seat | | | Flange | Fastener Substitutions | | | |
|---------------------------------|--|------------------------|--|--|------|--|------|
| Seat Sloped Up or Down 45° Max. | Seat Skewed 67½° Max. ³ for W ≤ 6 45° Max. for W > 6 | Seat Sloped and Skewed | One or Both HU Flanges Concealed ² | For Stainless-Steel Hangers Stainless-Steel Nails 0.162" x 3½" | | Other Smooth-Shank Fastener Substitutions | |
| 1.00 | W ≤ 3⅝ use 1.00 W > 3⅝ use 0.80 | 0.80 | 1.00 (normal) 0.80 (when sloped and skewed) | Ring shank (all conditions) | 1.00 | 0.162" x 3½" → 0.162" x 2½" | 1.00 |
| | | | | Smooth shank (normal seat) | 1.00 | 0.162" x 3½" → 0.148" x 3" | 0.84 |
| | | | | Smooth shank (modified seat) ¹ | 0.50 | 0.162" x 3½" → 0.148" x 1½" | 0.64 |

1. Modified seat is sloped, skewed, or both. For stainless-steel hangers, if sloped only or skewed only, use a smooth-shank stainless-steel reduction of 0.65.
2. For hanger applications with both flanges concealed, W must be at least 2⅝". To order, ask for HUCXXX.
For skewed HUC, only flange on acute side is concealed.
3. Skews over 50° require a square-cut joist.

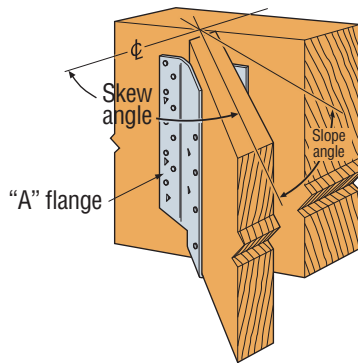
Reduction Factor Instructions

Allowable Download = Seat x Flange x Stainless Steel Nails x Other Fastener Substitutions x Table Load

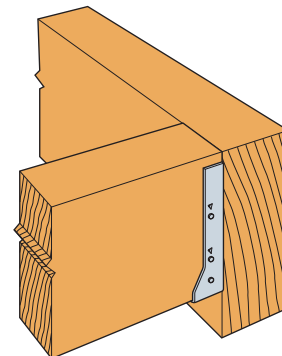
Allowable Uplift = 0.75 x Face Fastener Type x Table Load for skewed or sloped
1.00 x Face Fastener Type x Table Load for non-skewed or non-sloped

Maximum Skew Angle for Skewed HUC Hangers

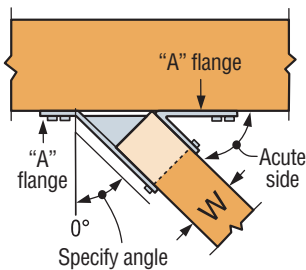
| Hanger Width (in.) | Maximum Skew (degree) |
|--------------------|-----------------------|
| 2⅝ | 31 |
| 2¾ | 31 |
| 2⅞ | 34 |
| 2¾ | 37 |
| 3⅝ | 41 |
| 3¾ | 42 |
| > 3¾ | 45 |



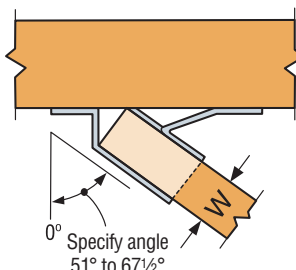
Typical HU Sloped Down, Skewed Right Installation



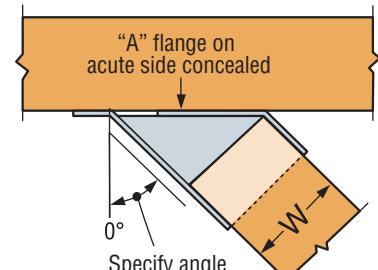
Typical HUC Installed on a Beam



Top View U Hanger Skewed Right < 51° (square cut)



Top View U Hanger Skewed Right ≥ 51° (square cut)



Top View HUC Concealed Hanger Skewed Right (square cut)

LUS/HUS/HHUS/HGUS

Double-Shear Face-Mount Joist Hangers

Solid Sawn 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. 104–114

Finish: Galvanized. Some products available in stainless steel or ZMAX® coating; see Corrosion Information, pp. 12–15.

Installation:

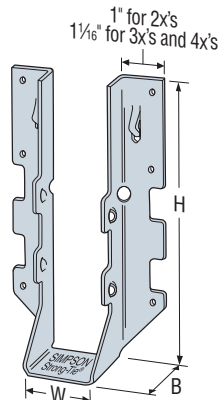
- Use all specified fasteners; see General Notes.
- Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.
- With 3x carrying members: when 0.162" x 3½" nails are specified, use 0.162" x 2½" nails into the header and 0.162" x 3½" nails into the joist with no load reduction. When 0.148" x 3" nails are specified, use 0.148" x 2½" nails into the header and 0.148" x 3" nails into the joist with no load reduction.
- With 2x carrying members: when 0.162" x 3½" nails are specified, use 0.148" x 1½" nails into the header and 0.148" x 3" nails into the joist and reduce the load to 0.64 of the table values. When 0.148" x 3" nails are specified, use 0.148" x 1½" nails into the header and 0.148" x 3" nails into the joist and reduce the load to 0.77 of the table values. See p. 22 for specific Load Adjustment Factors.

Allowable Loads:

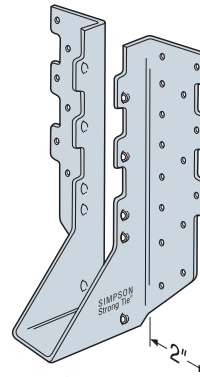
- See table on pp. 104–114 for loads.

Options:

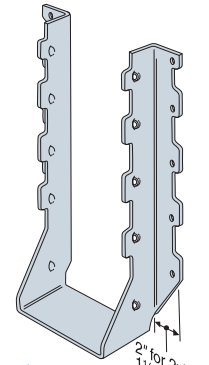
- LUS/HUS hangers cannot be modified.
- See next page for HHUS/HGUS modifications.



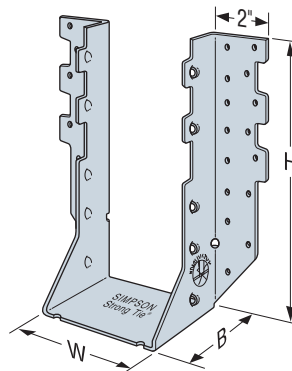
LUS28



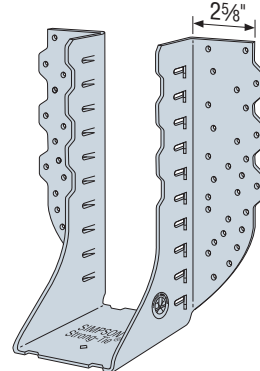
HUS210
(HUS26 and HUS28 similar)



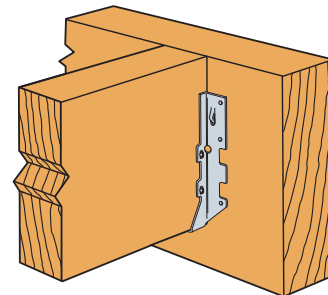
HUS412



HHUS410

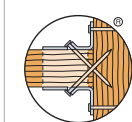


HGUS3.25/12

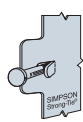


Typical LUS28 Installation
use 0.148" x 3" nail or 0.148" x 3¼" nail

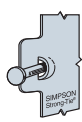
Double-Shear Nailing



Double-Shear Nailing Top View



Double-Shear Nailing Side View — Do not bend tab



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

LUS/HUS/HHUS/HGUS

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

HHUS/HGUS

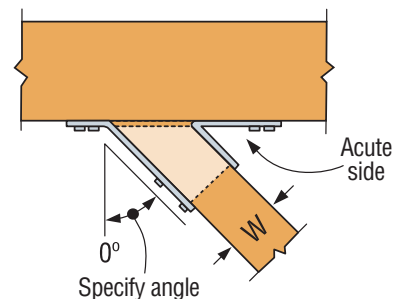
HHUS — Sloped and/or Skewed Seat

- 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. 145–152 for structural composite lumber hangers.

Features:

- Fire-resistant F (flame) and T (temperature) rated in Intertek Design No. SST/WPCF 120-01.



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. 104–114 or the weld capacity — refer to technical bulletin T-C-HUHUC-W at strongtie.com.

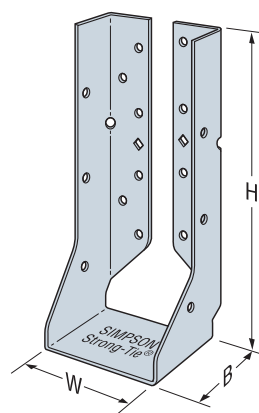
Allowable Loads:

- See table on pp. 104–114 for loads.

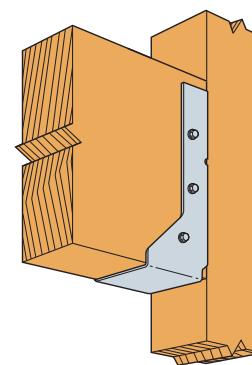
Options:

- These hangers cannot be modified.

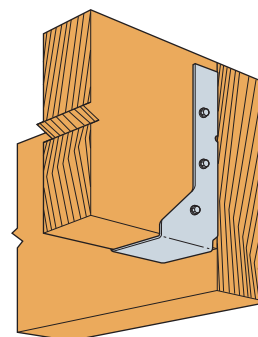
Codes: See p. 11 for Code Reference Key Chart



HUCQ410-SDS



Typical HUCQ Installation on a Post



Typical HUCQ Installation on a Beam

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

The Joist Hanger Selector software enables you the most optimum product for your project. The software takes into consideration all the characteristics seen in this catalog. Visit strongtie.com/jhs.

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | | Min./Max. | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Installed Cost Index (ICI) | Code Ref. |
|--------------------------|------------------|---------|------------------|---------|-------|--------------------|--------------------|-------------------|-------|-----------------------------|-------------|------------|------------|----------------------------|-----------|
| | | | W | H | B | | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | | |
| Sawn Lumber Sizes | | | | | | | | | | | | | | | |
| 2X4 | LU24 | 20 | 1 9/16 | 3 3/8 | 1 1/2 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 1 1/2 | 240 | 555 | 630 | 655 | Lowest | IBC, FL, LA | |
| | LUS24 | 18 | 1 9/16 | 3 3/8 | 1 3/4 | — | (4) 0.148 x 3 | (2) 0.148 x 3 | 435 | 670 | 765 | 820 | 3% | | |
| | U24 | 16 | 1 9/16 | 3 3/8 | 1 1/2 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 1 1/2 | 240 | 575 | 650 | 705 | 67% | | |
| | HU26 | 14 | 1 9/16 | 3 3/16 | 2 1/4 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 1 1/2 | 305 | 595 | 670 | 720 | 295% | | |
| DBL 2X4 | LUS24-2 | 18 | 3 1/8 | 3 3/8 | 2 | — | (4) 0.162 x 3 1/2 | (2) 0.162 x 3 1/2 | 410 | 800 | 905 | 980 | Lowest | | |
| | U24-2 | 16 | 3 1/8 | 3 | 2 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 3 | 240 | 575 | 650 | 705 | 33% | | |
| | HU24-2 / HUC24-2 | 14 | 3 1/8 | 3 3/16 | 2 1/2 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 3 | 380 | 595 | 670 | 720 | 240% | | |
| 2x6 | LUS26 | 18 | 1 9/16 | 4 3/4 | 1 3/4 | — | (4) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 865 | 990 | 1,060 | Lowest | | |
| | LU26 | 20 | 1 9/16 | 4 3/4 | 1 1/2 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 540 | 835 | 950 | 1,030 | 6% | | |
| | U26 | 16 | 1 9/16 | 4 3/4 | 2 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 535 | 865 | 980 | 1,055 | 43% | | |
| | LUC26Z | 18 | 1 9/16 | 4 3/4 | 1 3/4 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 730 | 845 | 965 | 1,040 | 160% | | |
| | HU26 | 14 | 1 9/16 | 3 3/16 | 2 1/4 | — | (4) 0.162 x 3 1/2 | (2) 0.148 x 1 1/2 | 305 | 595 | 670 | 720 | 179% | | |
| | HUS26 | 16 | 1 5/8 | 5 3/8 | 3 | — | (14) 0.162 x 3 1/2 | (6) 0.162 x 3 1/2 | 1,320 | 2,735 | 3,095 | 3,230 | 276% | | |
| DBL 2X6 | LUS26-2 | 18 | 3 3/8 | 4 7/8 | 2 | — | (4) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,060 | 1,030 | 1,170 | 1,265 | Lowest | | |
| | U26-2 | 16 | 3 3/8 | 5 | 2 | — | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | 65% | | |
| | HUS26-2 | 14 | 3 3/8 | 5 5/16 | 2 | — | (4) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,165 | 1,055 | 1,195 | 1,290 | 172% | | |
| | HU26-2 / HUC26-2 | 14 | 3 3/8 | 4 15/16 | 2 1/2 | Min. | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 755 | 1,190 | 1,345 | 1,440 | 233% | | |
| 14 | | 3 3/8 | 4 15/16 | 2 1/2 | Max. | (12) 0.162 x 3 1/2 | (6) 0.148 x 3 | 1,135 | 1,785 | 2,015 | 2,165 | 254% | | | |
| TPL 2x6 | LUS26-3 | 18 | 4 5/8 | 4 1/8 | 2 | — | (4) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,060 | 1,030 | 1,170 | 1,265 | * | | |
| | U26-3 | 16 | 4 5/8 | 4 1/4 | 2 | — | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | HU26-3 / HUC26-3 | 14 | 4 11/16 | 4 5/8 | 2 1/2 | Min. | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 755 | 1,190 | 1,345 | 1,440 | * | | |
| 14 | | 4 11/16 | 4 5/8 | 2 1/2 | Max. | (12) 0.162 x 3 1/2 | (6) 0.148 x 3 | 1,135 | 1,785 | 2,015 | 2,165 | * | | | |
| 2x8 | LUS26 | 18 | 1 9/16 | 4 3/4 | 1 3/4 | — | (4) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 865 | 990 | 1,060 | Lowest | | |
| | LU26 | 20 | 1 9/16 | 4 3/4 | 1 1/2 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 540 | 835 | 950 | 1,030 | 6% | | |
| | LUS28 | 18 | 1 9/16 | 6 3/8 | 1 3/4 | — | (6) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 1,100 | 1,260 | 1,350 | 23% | | |
| | LU28 | 20 | 1 9/16 | 6 3/8 | 1 1/2 | — | (8) 0.162 x 3 1/2 | (6) 0.148 x 1 1/2 | 850 | 1,110 | 1,180 | 1,180 | 39% | | |
| | U26 | 16 | 1 9/16 | 4 3/4 | 2 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 535 | 865 | 980 | 1,055 | 43% | | |
| | LUC26Z | 18 | 1 9/16 | 4 3/4 | 1 3/4 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 730 | 845 | 965 | 1,040 | 160% | | |
| | HU28 | 14 | 1 9/16 | 5 1/4 | 2 1/4 | — | (6) 0.162 x 3 1/2 | (4) 0.148 x 1 1/2 | 605 | 895 | 1,010 | 1,080 | 251% | | |
| | HUS26 | 16 | 1 5/8 | 5 3/8 | 3 | — | (14) 0.162 x 3 1/2 | (6) 0.162 x 3 1/2 | 1,320 | 2,735 | 3,095 | 3,230 | 276% | | |
| HUS28 | 16 | 1 5/8 | 7 | 3 | — | (22) 0.162 x 3 1/2 | (8) 0.162 x 3 1/2 | 1,760 | 4,095 | 4,095 | 4,095 | 409% | | | |
| DBL 2x8 | LUS26-2 | 18 | 3 3/8 | 4 7/8 | 2 | — | (4) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,060 | 1,030 | 1,170 | 1,265 | Lowest | | |
| | LUS28-2 | 18 | 3 3/8 | 7 | 2 | — | (6) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,060 | 1,315 | 1,490 | 1,610 | 8% | | |
| | U26-2 | 16 | 3 3/8 | 5 | 2 | — | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | 65% | | |
| | HUS28-2 | 14 | 3 3/8 | 7 3/16 | 2 | — | (6) 0.162 x 3 1/2 | (6) 0.162 x 3 1/2 | 1,320 | 1,580 | 1,790 | 1,930 | 188% | | |
| | HU28-2 / HUC28-2 | 14 | 3 3/8 | 6 5/16 | 2 1/2 | Min. | (10) 0.162 x 3 1/2 | (4) 0.148 x 3 | 755 | 1,490 | 1,680 | 1,800 | 397% | | |
| 14 | | 3 3/8 | 6 5/16 | 2 1/2 | Max. | (14) 0.162 x 3 1/2 | (6) 0.148 x 3 | 1,135 | 2,085 | 2,350 | 2,530 | 418% | | | |
| TPL 2X8 | LUS28-3 | 18 | 4 5/8 | 6 1/4 | 2 | — | (6) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 1,060 | 1,315 | 1,490 | 1,610 | * | | |
| | U26-3 | 16 | 4 5/8 | 4 1/4 | 2 | — | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | HU26-3 / HUC26-3 | 14 | 4 11/16 | 4 5/8 | 2 1/2 | Min. | (8) 0.162 x 3 1/2 | (4) 0.148 x 3 | 755 | 1,190 | 1,345 | 1,440 | * | | |
| 14 | | 4 11/16 | 4 5/8 | 2 1/2 | Max. | (12) 0.162 x 3 1/2 | (6) 0.148 x 3 | 1,135 | 1,785 | 2,015 | 2,165 | * | | | |
| QUAD 2X8 | HU28-4 / HUC28-4 | 14 | 6 1/8 | 7 | 2 1/2 | Min. | (10) 0.162 x 3 1/2 | (4) 0.162 x 3 1/2 | 755 | 1,490 | 1,680 | 1,800 | * | | |
| | | 14 | 6 1/8 | 7 | 2 1/2 | Max. | (14) 0.162 x 3 1/2 | (6) 0.162 x 3 1/2 | 1,135 | 2,085 | 2,350 | 2,530 | * | | |

See footnotes on p. 108.

Codes: See p. 11 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Installed Cost Index (ICI) | Code Ref. |
|--------------------------|--------------------|-----|---------------------------------|----------------------------------|-------------------------------|-----------|--|---|-----------------------------|-------------|------------|------------|----------------------------|-------------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | | |
| Sawn Lumber Sizes | | | | | | | | | | | | | | |
| SS | LUS28 | 18 | 1 ⁵ / ₁₆ | 6 ⁵ / ₁₆ | 1 ³ / ₄ | — | (6) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 1,100 | 1,260 | 1,350 | Lowest | IBC, FL, LA |
| | LU28 | 20 | 1 ⁵ / ₁₆ | 6 ⁵ / ₁₆ | 1 ¹ / ₂ | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,110 | 1,180 | 1,180 | 13% | |
| SS | LUS210 | 18 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 1,335 | 1,530 | 1,640 | 15% | |
| | LU210 | 20 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 1 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,390 | 1,580 | 1,615 | 28% | |
| | U210 | 16 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 1,440 | 1,565 | 1,565 | 76% | |
| SS | LUC210Z | 18 | 1 ⁵ / ₁₆ | 7 ⁹ / ₁₆ | 1 ³ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 985 | 1,410 | 1,605 | 1,735 | 180% | |
| | HU210 | 14 | 1 ⁵ / ₁₆ | 7 ¹ / ₁₆ | 2 ¹ / ₄ | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 605 | 1,190 | 1,345 | 1,440 | 225% | |
| | HUS210 | 16 | 1 ⁵ / ₁₆ | 9 | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,635 | 5,450 | 5,795 | 5,830 | 450% | |
| | HGUS210 | 12 | 1 ⁵ / ₁₆ | 9 ¹ / ₁₆ | 5 | — | (46) 0.162 x 3 ¹ / ₂ | (16) 0.162 x 3 ¹ / ₂ | 2,090 | 9,100 | 9,100 | 9,100 | * | |
| | LUS28-2 | 18 | 3 ¹ / ₁₆ | 7 | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,315 | 1,490 | 1,610 | Lowest | |
| | LUS210-2 | 18 | 3 ¹ / ₁₆ | 9 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | 34% | |
| | U210-2 | 16 | 3 ¹ / ₁₆ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | 88% | |
| | HUS210-2 | 14 | 3 ¹ / ₁₆ | 9 ⁹ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 3,270 | 2,110 | 2,385 | 2,575 | 217% | |
| | HU210-2 / HUC210-2 | 14 | 3 ¹ / ₁₆ | 8 ⁵ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,085 | 2,350 | 2,520 | 441% | |
| | | 14 | 3 ¹ / ₁₆ | 8 ⁵ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,895 | 2,680 | 3,020 | 3,250 | 467% | |
| | HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | |
| | HHUS210-2 | 14 | 3 ³ / ₁₆ | 9 ⁵ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,550 | 5,705 | 6,435 | 6,485 | * | |
| | LUS28-3 | 18 | 4 ⁵ / ₁₆ | 6 ¹ / ₁₆ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,315 | 1,490 | 1,610 | * | |
| | LUS210-3 | 18 | 4 ⁵ / ₁₆ | 8 ³ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | * | |
| | U210-3 | 16 | 4 ⁵ / ₁₆ | 7 ⁹ / ₁₆ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | * | |
| | HU210-3 / HUC210-3 | 14 | 4 ¹ / ₁₆ | 8 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,085 | 2,350 | 2,520 | * | |
| | | 14 | 4 ¹ / ₁₆ | 8 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,895 | 2,680 | 3,020 | 3,250 | * | |
| | HHUS210-3 | 14 | 4 ¹ / ₁₆ | 8 ⁷ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,405 | 5,640 | 6,380 | 6,485 | * | |
| | HGUS210-3 | 12 | 4 ¹⁵ / ₁₆ | 9 ¹ / ₁₆ | 4 | — | (46) 0.162 x 3 ¹ / ₂ | (16) 0.162 x 3 ¹ / ₂ | 4,095 | 9,100 | 9,100 | 9,100 | * | |
| | HUCQ210-3-SDS | 14 | 4 ⁵ / ₁₆ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | |
| | HU210-4 / HUC210-4 | 14 | 6 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,085 | 2,350 | 2,520 | * | |
| | | 14 | 6 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,795 | 2,680 | 3,020 | 3,250 | * | |
| | HHUS210-4 | 14 | 6 ¹ / ₁₆ | 8 ⁷ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,405 | 5,640 | 6,380 | 6,485 | * | |
| | HGUS210-4 | 12 | 6 ⁹ / ₁₆ | 9 ¹ / ₁₆ | 4 | — | (46) 0.162 x 3 ¹ / ₂ | (16) 0.162 x 3 ¹ / ₂ | 4,095 | 9,100 | 9,100 | 9,100 | * | |
| | LUS210 | 18 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 1,335 | 1,530 | 1,640 | Lowest | |
| | LU210 | 20 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 1 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,390 | 1,580 | 1,615 | 11% | |
| | U210 | 16 | 1 ⁵ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 1,440 | 1,565 | 1,565 | 53% | |
| SS | LUC210Z | 18 | 1 ⁵ / ₁₆ | 7 ⁹ / ₁₆ | 1 ³ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 985 | 1,410 | 1,605 | 1,735 | 180% | |
| | HU212 | 14 | 1 ⁵ / ₁₆ | 9 | 2 ¹ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 1,135 | 1,490 | 1,680 | 1,800 | 347% | |
| | HUS210 | 16 | 1 ⁵ / ₁₆ | 9 | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,635 | 5,450 | 5,795 | 5,830 | 378% | |
| | LUS210-2 | 18 | 3 ¹ / ₁₆ | 9 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | Lowest | |
| | U210-2 | 16 | 3 ¹ / ₁₆ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | 40% | |
| | LUS214-2 | 18 | 3 ¹ / ₁₆ | 10 ¹⁵ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 2,110 | 2,395 | 2,590 | 56% | |
| | HUS210-2 | 14 | 3 ¹ / ₁₆ | 9 ⁹ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 3,270 | 2,110 | 2,385 | 2,575 | * | |
| | HUS212-2 | 14 | 3 ¹ / ₁₆ | 10 ³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | * | |
| | HU212-2 / HUC212-2 | 14 | 3 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,385 | 2,690 | 2,880 | * | |
| | | 14 | 3 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,895 | 3,275 | 3,695 | 3,970 | 411% | |
| | HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | |
| | LUS210-3 | 18 | 4 ⁵ / ₁₆ | 8 ³ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | * | |
| | HU212-3 / HUC212-3 | 14 | 4 ¹ / ₁₆ | 9 ¹³ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,385 | 2,690 | 2,880 | * | |
| | | 14 | 4 ¹ / ₁₆ | 9 ¹³ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,895 | 3,275 | 3,695 | 3,970 | * | |
| | U210-3 | 16 | 4 ⁵ / ₁₆ | 7 ⁹ / ₁₆ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | * | |
| SS | HUCQ210-3-SDS | 14 | 4 ⁵ / ₁₆ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | |

Solid Sawn Joist Hangers

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See footnotes on p. 108.

Codes: See p. 11 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | | Min./Max. | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Installed Cost Index (ICI) | Code Ref. |
|--------------------------|--------------------|-------------------------------|--------------------------------|----------------------------------|-------------------------------|--|--|--|---|-----------------------------|-------------|------------|------------|----------------------------|-----------|
| | | | W | H | B | | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | | |
| Sawn Lumber Sizes | | | | | | | | | | | | | | | |
| SS 2x14 | LUS210 | 18 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,165 | 1,335 | 1,530 | 1,640 | Lowest | IBC, FL, LA | |
| | LU210 | 20 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,390 | 1,580 | 1,615 | 11% | | |
| | U210 | 16 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 1,440 | 1,565 | 1,565 | 53% | | |
| | HU214 | 14 | 1 ⁹ / ₁₆ | 10 ¹ / ₈ | 2 ¹ / ₄ | — | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 1,135 | 1,790 | 2,015 | 2,160 | 88% | | |
| | U214 | 16 | 1 ⁹ / ₁₆ | 10 | 2 | — | (12) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 990 | 1,730 | 1,955 | 2,110 | 147% | | |
| DBL 2x14 | U210-2 | 16 | 3 ¹ / ₈ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | Lowest | | |
| | LUS214-2 | 18 | 3 ¹ / ₈ | 10 ¹⁵ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 2,110 | 2,395 | 2,590 | 12% | | |
| | HUS212-2 | 14 | 3 ¹ / ₈ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | 83% | | |
| | HU212-2 / HUC212-2 | 14 | 3 ¹ / ₈ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,385 | 2,690 | 2,880 | 248% | | |
| | | 14 | 3 ¹ / ₈ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,795 | 3,275 | 3,695 | 3,970 | 265% | | |
| | HU214-2 / HUC214-2 | 14 | 3 ¹ / ₈ | 12 ¹ / ₈ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,680 | 3,025 | 3,240 | 259% | | |
| 14 | | 3 ¹ / ₈ | 12 ¹ / ₈ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,570 | 4,030 | 4,335 | 276% | | | |
| SS | HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | | |
| TPL 2x14 | U210-3 | 16 | 4 ⁵ / ₈ | 7 ³ / ₄ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | * | | |
| | HU214-3 / HUC214-3 | 14 | 4 ¹ / ₁₆ | 12 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,680 | 3,025 | 3,240 | * | | |
| | | 14 | 4 ¹ / ₁₆ | 12 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,570 | 4,030 | 4,335 | * | | |
| SS | HUCQ210-3-SDS | 14 | 4 ⁵ / ₈ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,345 | 4,315 | 4,315 | 4,315 | * | | |
| 2x16 | U214 | 16 | 1 ⁹ / ₁₆ | 10 | 2 | — | (12) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 990 | 1,730 | 1,955 | 2,110 | Lowest | | |
| | HU214 | 14 | 1 ⁹ / ₁₆ | 10 ¹ / ₈ | 2 ¹ / ₄ | — | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 1,135 | 1,790 | 2,015 | 2,160 | 130% | | |
| | HU216 | 14 | 1 ⁹ / ₁₆ | 12 ¹⁵ / ₁₆ | 2 ¹ / ₄ | — | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,510 | 2,680 | 3,025 | 3,240 | 130% | | |
| DBL 2x16 | HUS212-2 | 14 | 3 ¹ / ₈ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | Lowest | | |
| | HU216-2 / HUC216-2 | 14 | 3 ¹ / ₈ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,980 | 3,360 | 3,600 | 111% | | |
| | | 14 | 3 ¹ / ₈ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,870 | 4,365 | 4,695 | 120% | | |
| TPL 2x16 | HU216-3 / HUC216-3 | 14 | 4 ¹ / ₁₆ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,980 | 3,360 | 3,600 | * | | |
| | | 14 | 4 ¹ / ₁₆ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,870 | 4,365 | 4,695 | * | | |
| 3x4 | U34 | 16 | 2 ⁹ / ₁₆ | 3 ³ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 240 | 575 | 650 | 705 | * | | |
| | HU34 / HUC34 | 14 | 2 ⁹ / ₁₆ | 3 ³ / ₈ | 2 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 380 | 595 | 670 | 720 | * | | |
| 3x6 | U36 | 16 | 2 ⁹ / ₁₆ | 5 ³ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | LUS36 | 18 | 2 ⁹ / ₁₆ | 5 ¹ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,030 | 1,170 | 1,265 | * | | |
| | | 14 | 2 ⁹ / ₁₆ | 5 ¹ / ₄ | 2 ¹ / ₂ | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 605 | 1,190 | 1,345 | 1,440 | * | | |
| 3x8 | U36 | 16 | 2 ⁹ / ₁₆ | 5 ³ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | LUS36 | 18 | 2 ⁹ / ₁₆ | 5 ¹ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,030 | 1,170 | 1,265 | * | | |
| | HU38 / HUC38 | 14 | 2 ⁹ / ₁₆ | 5 ³ / ₈ | 2 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 605 | 1,490 | 1,680 | 1,800 | * | | |
| 3x10 | U310 | 16 | 2 ⁹ / ₁₆ | 8 ⁷ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | * | | |
| | LUS310 | 18 | 2 ⁹ / ₁₆ | 7 ¹ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,045 | 1,315 | 1,500 | 1,625 | * | | |
| | HU310 / HUC310 | 14 | 2 ⁹ / ₁₆ | 8 ⁷ / ₈ | 2 ¹ / ₂ | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 905 | 2,085 | 2,350 | 2,520 | * | | |
| | SS | HUCQ310-SDS | 14 | 2 ⁹ / ₁₆ | 9 | 3 | — | (8) ¼ x 2 ¹ / ₂ SDS | (4) ¼ x 2 ¹ / ₂ SDS | 1,350 | 3,120 | 3,590 | 3,860 | * | |
| 3x12 | U310 | 16 | 2 ⁹ / ₁₆ | 8 ⁷ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | * | | |
| | LUS310 | 18 | 2 ⁹ / ₁₆ | 7 ¹ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,315 | 1,500 | 1,625 | * | | |
| | HU312 / HUC312 | 14 | 2 ⁹ / ₁₆ | 10 ⁷ / ₈ | 2 ¹ / ₂ | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 905 | 2,385 | 2,690 | 2,880 | * | | |
| | SS | HUCQ310-SDS | 14 | 2 ⁹ / ₁₆ | 9 | 3 | — | (8) ¼ x 2 ¹ / ₂ SDS | (4) ¼ x 2 ¹ / ₂ SDS | 1,350 | 3,120 | 3,590 | 3,860 | * | |

See footnotes on p. 108.

Codes: See p. 11 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Installed Cost Index (ICI) | Code Ref. | |
|--------------------------|----------------|--------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|--|---------------|------------|------------|----------------------------|-------------|------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | | | |
| Sawn Lumber Sizes | | | | | | | | | | | | | | | |
| 3x14 | U314 | 16 | 2 ⁵ / ₁₆ | 10 ¹ / ₂ | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,305 | 2,610 | 2,815 | * | IBC, FL, LA | |
| | HU314 / HUC314 | 14 | 2 ⁵ / ₁₆ | 12 ⁷ / ₁₆ | 2 ¹ / ₂ | — | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,510 | 2,680 | 3,025 | 3,240 | * | | |
| | SS | HUCQ310-SDS | 14 | 2 ⁵ / ₁₆ | 9 | 3 | — | (8) ¼ x 2 ¹ / ₂ SDS | (4) ¼ x 2 ¹ / ₂ SDS | 1,350 | 3,120 | 3,590 | 3,860 | | * |
| 3x16 | U314 | 16 | 2 ⁵ / ₁₆ | 10 ¹ / ₂ | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,305 | 2,610 | 2,815 | * | | |
| | HU316 / HUC316 | 14 | 2 ⁵ / ₁₆ | 14 ⁵ / ₁₆ | 2 ¹ / ₂ | — | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,510 | 2,980 | 3,360 | 3,600 | * | | |
| 4x4 | LUS44 | 18 | 3 ³ / ₁₆ | 3 | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.162 x 3 ¹ / ₂ | 410 | 800 | 905 | 980 | Lowest | | |
| | U44 | 16 | 3 ³ / ₁₆ | 2 ⁷ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 240 | 575 | 650 | 705 | 20% | | |
| | HU44 / HUC44 | 14 | 3 ³ / ₁₆ | 2 ⁷ / ₈ | 2 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 380 | 595 | 670 | 720 | 161% | | |
| 4x6 | LUS46 | 18 | 3 ³ / ₁₆ | 4 ³ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,030 | 1,170 | 1,265 | Lowest | | |
| | U46 | 16 | 3 ³ / ₁₆ | 4 ⁷ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | 37% | | |
| | HUS46 | 14 | 3 ³ / ₁₆ | 5 | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,165 | 1,055 | 1,195 | 1,290 | 152% | | |
| | SS | HU46 / HUC46 | 14 | 3 ³ / ₁₆ | 4 ³ / ₄ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 755 | 1,190 | 1,345 | 1,440 | | 163% |
| | | | 14 | 3 ³ / ₁₆ | 4 ³ / ₄ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 1,785 | 2,015 | 2,165 | | 185% |
| 4x8 | LUS46 | 18 | 3 ³ / ₁₆ | 4 ³ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,030 | 1,170 | 1,265 | Lowest | | |
| | U46 | 16 | 3 ³ / ₁₆ | 4 ⁷ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | 37% | | |
| | LUS48 | 18 | 3 ³ / ₁₆ | 6 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,315 | 1,490 | 1,610 | 40% | | |
| | HUS48 | 14 | 3 ³ / ₁₆ | 6 ¹ / ₁₆ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,320 | 1,580 | 1,790 | 1,930 | 203% | | |
| | SS | HU48 / HUC48 | 14 | 3 ³ / ₁₆ | 6 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 755 | 1,490 | 1,680 | 1,800 | 213% | |
| 14 | | | 3 ³ / ₁₆ | 6 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,085 | 2,350 | 2,530 | 235% | | |
| 4x10 | LUS48 | 18 | 3 ³ / ₁₆ | 6 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,060 | 1,315 | 1,490 | 1,610 | Lowest | | |
| | LUS410 | 18 | 3 ³ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | 19% | | |
| | U410 | 16 | 3 ³ / ₁₆ | 8 ³ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | 74% | | |
| | HUS410 | 14 | 3 ³ / ₁₆ | 8 ¹ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 3,220 | 2,110 | 2,385 | 2,575 | 154% | | |
| | | SS | HU410 / HUC410 | 14 | 3 ³ / ₁₆ | 8 ³ / ₈ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,085 | 2,350 | 2,520 | 232% |
| | 14 | | | 3 ³ / ₁₆ | 8 ³ / ₈ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,795 | 2,680 | 3,020 | 3,250 | 253% | |
| SS | HUCQ410-SDS | 14 | 3 ³ / ₁₆ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,265 | 4,500 | 4,500 | 4,500 | * | | |
| 4x12 | LUS410 | 18 | 3 ³ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | Lowest | | |
| | LUS414 | 18 | 3 ³ / ₁₆ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 2,110 | 2,395 | 2,590 | 33% | | |
| | U410 | 16 | 3 ³ / ₁₆ | 8 ³ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | 46% | | |
| | HUS410 | 14 | 3 ³ / ₁₆ | 8 ⁵ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 3,220 | 2,110 | 2,385 | 2,575 | 114% | | |
| | | HUS412 | 14 | 3 ³ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | 129% | |
| | SS | | HU412 / HUC412 | 14 | 3 ³ / ₁₆ | 10 ³ / ₈ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 1,135 | 2,385 | 2,690 | 2,880 | 268% |
| | | 14 | | 3 ³ / ₁₆ | 10 ³ / ₈ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,795 | 3,275 | 3,695 | 3,970 | 290% | |
| | SS | HUCQ410-SDS | 14 | 3 ³ / ₁₆ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,265 | 4,500 | 4,500 | 4,500 | * | |
| SS | HUCQ412-SDS | 14 | 3 ³ / ₁₆ | 11 | 3 | — | (14) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,265 | 5,045 | 5,045 | 5,045 | * | | |
| 4x14 | LUS410 | 18 | 3 ³ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 1,830 | 2,075 | 2,245 | Lowest | | |
| | LUS414 | 18 | 3 ³ / ₁₆ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,445 | 2,110 | 2,395 | 2,590 | 33% | | |
| | U414 | 16 | 3 ³ / ₁₆ | 10 | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,305 | 2,610 | 2,815 | 93% | | |
| | HUS412 | 14 | 3 ³ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | 129% | | |
| | | SS | HU414 / HUC414 | 14 | 3 ³ / ₁₆ | 11 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,680 | 3,025 | 3,240 | 333% |
| | 14 | | | 3 ³ / ₁₆ | 11 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,570 | 4,030 | 4,335 | 355% | |
| SS | HUCQ412-SDS | 14 | 3 ³ / ₁₆ | 11 | 3 | — | (14) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 2,265 | 5,045 | 5,045 | 5,045 | * | | |

See footnotes on p. 108.

Codes: See p. 11 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

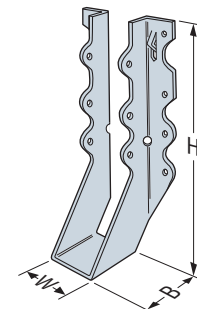
SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | | Min./Max. | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Installed Cost Index (ICI) | Code Ref. |
|--------------------------|----------------|-----|--------------------------------|---------------------------------|-------------------------------|------|--|--|-------|-----------------------------|-------------|------------|------------|----------------------------|-----------|
| | | | W | H | B | | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | | |
| Sawn Lumber Sizes | | | | | | | | | | | | | | | |
| 4x16 | U414 | 16 | 3 ³ / ₁₆ | 10 | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,305 | 2,610 | 2,815 | Lowest | IBC, FL, LA | |
| | HUS412 | 14 | 3 ³ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,435 | 2,635 | 2,985 | 3,220 | 19% | | |
| | HU416 / HUC416 | 14 | 3 ³ / ₁₆ | 13 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,510 | 2,980 | 3,360 | 3,600 | 167% | | |
| | | 14 | 3 ³ / ₁₆ | 13 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 2,015 | 3,870 | 4,365 | 4,695 | 178% | | |
| 6x6 | U66 | 16 | 5 ¹ / ₂ | 5 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | HU66 / HUC66 | 14 | 5 ¹ / ₂ | 4 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 895 | 1,190 | 1,345 | 1,440 | * | | |
| | | 14 | 5 ¹ / ₂ | 4 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 1,785 | 2,015 | 2,165 | * | | |
| 6x8 | U66 | 16 | 5 ¹ / ₂ | 5 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 535 | 1,150 | 1,305 | 1,410 | * | | |
| | HU68 / HUC68 | 14 | 5 ¹ / ₂ | 5 ¹³ / ₁₆ | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 895 | 1,490 | 1,680 | 1,800 | * | | |
| | | 14 | 5 ¹ / ₂ | 5 ¹³ / ₁₆ | 2 ¹ / ₂ | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,085 | 2,350 | 2,530 | * | | |
| 6x10 | U610 | 16 | 5 ¹ / ₂ | 8.5 | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 990 | 2,015 | 2,280 | 2,465 | * | | |
| | HU610 / HUC610 | 14 | 5 ¹ / ₂ | 7 ⁷ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,085 | 2,350 | 2,520 | * | | |
| | | 14 | 5 ¹ / ₂ | 7 ⁷ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,795 | 2,680 | 3,020 | 3,250 | * | | |
| | HUCQ610-SDS | 14 | 5 ¹ / ₂ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 4,680 | 5,185 | 5,185 | * | | |
| 6x12 | HU612 / HUC612 | 14 | 5 ¹ / ₂ | 9 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,385 | 2,690 | 2,880 | * | | |
| | | 14 | 5 ¹ / ₂ | 9 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,795 | 3,275 | 3,695 | 3,970 | * | | |
| | HUCQ610-SDS | 14 | 5 ¹ / ₂ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 4,680 | 5,185 | 5,185 | * | | |
| | HUCQ612-SDS | 14 | 5 ¹ / ₂ | 11 | 3 | — | (14) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 5,185 | 5,185 | 5,185 | * | | |
| 6x14 | HU614 / HUC614 | 14 | 5 ¹ / ₂ | 11 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,780 | 2,680 | 3,025 | 3,240 | * | | |
| | | 14 | 5 ¹ / ₂ | 11 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.162 x 3 ¹ / ₂ | 2,695 | 3,570 | 4,030 | 4,335 | * | | |
| | HUCQ610-SDS | 14 | 5 ¹ / ₂ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 4,680 | 5,185 | 5,185 | * | | |
| | HUCQ612-SDS | 14 | 5 ¹ / ₂ | 11 | 3 | — | (14) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 5,185 | 5,185 | 5,185 | * | | |
| 6x16 | HU616 / HUC616 | 14 | 5 ¹ / ₂ | 13 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,780 | 2,980 | 3,360 | 3,600 | * | | |
| | | 14 | 5 ¹ / ₂ | 13 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.162 x 3 ¹ / ₂ | 2,695 | 3,870 | 4,365 | 4,695 | * | | |
| | HUCQ612-SDS | 14 | 5 ¹ / ₂ | 11 | 3 | — | (14) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,325 | 5,185 | 5,185 | 5,185 | * | | |
| 8x8 | HU88 / HUC88 | 14 | 7 ¹ / ₂ | 6 ⁵ / ₁₆ | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 895 | 1,490 | 1,680 | 1,800 | * | | |
| | | 14 | 7 ¹ / ₂ | 6 ⁵ / ₁₆ | 2 ¹ / ₂ | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,085 | 2,350 | 2,530 | * | | |
| 8x10 | HU810 / HUC810 | 14 | 7 ¹ / ₂ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,085 | 2,350 | 2,520 | * | | |
| | | 14 | 7 ¹ / ₂ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,795 | 2,680 | 3,020 | 3,250 | * | | |
| 8x12 | HU812 / HUC812 | 14 | 7 ¹ / ₂ | 10 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,345 | 2,385 | 2,690 | 2,880 | * | | |
| | | 14 | 7 ¹ / ₂ | 10 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,795 | 3,275 | 3,695 | 3,970 | * | | |
| 8x14 | HU814 / HUC814 | 14 | 7 ¹ / ₂ | 11 ⁷ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,780 | 2,680 | 3,025 | 3,240 | * | | |
| | | 14 | 7 ¹ / ₂ | 11 ⁷ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.162 x 3 ¹ / ₂ | 2,695 | 3,570 | 4,030 | 4,335 | * | | |
| 8x16 | HU816 / HUC816 | 14 | 7 ¹ / ₂ | 13 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,780 | 2,980 | 3,360 | 3,600 | * | | |
| | | 14 | 7 ¹ / ₂ | 13 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.162 x 3 ¹ / ₂ | 2,695 | 3,870 | 4,365 | 4,695 | * | | |

- Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
- For minimum nailing quantity and load values, fill all round holes; for maximum nailing quantity and load values, fill all round and triangular holes.
- DF/SP loads can be used for SCL with an equivalent specific gravity of 0.50 or greater.
- Truss chord cross-grain tension may limit allowable loads in accordance with ANSI/TPI 1-2014. Simpson Strong-Tie® Connector Selector® software includes the evaluation of cross-grain tension in its hanger allowable loads. For additional information, contact Simpson Strong-Tie.
- Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.
- Hangers with an "*" do not have an Installed Cost Index.

Codes: See p. 11 for Code Reference Key Chart



Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | |
|--------------------------|-------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--|--|---|------------------------------|-------------|------------|------------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) |
| Sawn Lumber Sizes | | | | | | | | | | | | |
| 2x4 | LU24 | 20 | 1 ¹ / ₁₆ | 3 ¹ / ₈ | 1 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 205 | 475 | 540 | 565 |
| | LUS24 | 18 | 1 ¹ / ₁₆ | 3 ¹ / ₈ | 1 ³ / ₄ | — | (4) 0.148 x 3 | (2) 0.148 x 3 | 375 | 575 | 660 | 705 |
| | U24 | 16 | 1 ¹ / ₁₆ | 3 ¹ / ₈ | 1 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 205 | 495 | 560 | 605 |
| | HU26 | 14 | 1 ¹ / ₁₆ | 3 ¹ / ₁₆ | 2 ¹ / ₄ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 260 | 510 | 575 | 620 |
| DBL 2x4 | LUS24-2 | 18 | 3 ¹ / ₈ | 3 ¹ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.162 x 3 ¹ / ₂ | 355 | 690 | 780 | 845 |
| | U24-2 | 16 | 3 ¹ / ₈ | 3 | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 205 | 495 | 560 | 605 |
| | HU24-2 / HUC24-2 | 14 | 3 ¹ / ₈ | 3 ¹ / ₁₆ | 2 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 325 | 510 | 575 | 620 |
| 2x6 | LUS26 | 18 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ³ / ₄ | — | (4) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 745 | 850 | 910 |
| | LU26 | 20 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ¹ / ₂ | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 465 | 720 | 815 | 885 |
| | U26 | 16 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 745 | 845 | 905 |
| | LUC26Z | 18 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ³ / ₄ | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 630 | 610 | 695 | 755 |
| | HU26 | 14 | 1 ¹ / ₁₆ | 3 ¹ / ₁₆ | 2 ¹ / ₄ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 260 | 510 | 575 | 620 |
| | HUS26 | 16 | 1 ⁵ / ₈ | 5 ¹ / ₈ | 3 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,135 | 2,350 | 2,660 | 2,780 |
| DBL 2x6 | LUS26-2 | 18 | 3 ¹ / ₈ | 4 ⁷ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | U26-2 | 16 | 3 ¹ / ₈ | 5 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HUS26-2 | 14 | 3 ¹ / ₈ | 5 ⁵ / ₁₆ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1000 | 905 | 1,030 | 1,110 |
| | | 14 | 3 ¹ / ₈ | 5 ⁵ / ₁₆ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,025 | 1,155 | 1,240 |
| | | | | | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,540 | 1,735 | 1,865 | |
| TPL 2x6 | LUS26-3 | 18 | 4 ⁵ / ₈ | 4 ¹ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | U26-3 | 16 | 4 ⁵ / ₈ | 4 ¹ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HUS26-3 / HUC26-3 | 14 | 4 ¹ / ₁₆ | 4 ⁵ / ₈ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,025 | 1,155 | 1,240 |
| | | 14 | 4 ¹ / ₁₆ | 4 ⁵ / ₈ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,540 | 1,735 | 1,865 |
| 2x8 | LUS26 | 18 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ³ / ₄ | — | (4) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 745 | 850 | 910 |
| | LU26 | 20 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ¹ / ₂ | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 465 | 720 | 815 | 885 |
| | LUS28 | 18 | 1 ¹ / ₁₆ | 6 ⁵ / ₈ | 1 ³ / ₄ | — | (6) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 945 | 1,085 | 1,160 |
| | LU28 | 20 | 1 ¹ / ₁₆ | 6 ⁵ / ₈ | 1 ¹ / ₂ | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 955 | 1,015 | 1,015 |
| | U26 | 16 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 745 | 845 | 905 |
| | LUC26Z | 18 | 1 ¹ / ₁₆ | 4 ³ / ₄ | 1 ³ / ₄ | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 630 | 610 | 695 | 755 |
| | HU28 | 14 | 1 ¹ / ₁₆ | 5 ¹ / ₄ | 2 ¹ / ₄ | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 520 | 770 | 870 | 930 |
| | HUS26 | 16 | 1 ⁵ / ₈ | 5 ¹ / ₈ | 3 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,135 | 2,350 | 2,445 | 2,445 |
| HUS28 | 16 | 1 ⁵ / ₈ | 7 | 3 | — | (22) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,515 | 3,520 | 3,520 | 3,520 | |
| DBL 2x8 | LUS26-2 | 18 | 3 ¹ / ₈ | 4 ⁷ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | LUS28-2 | 18 | 3 ¹ / ₈ | 7 | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | U26-2 | 16 | 3 ¹ / ₈ | 5 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HUS28-2 | 14 | 3 ¹ / ₈ | 7 ³ / ₁₆ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,135 | 1,360 | 1,540 | 1,660 |
| | | 14 | 3 ¹ / ₈ | 7 | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,280 | 1,445 | 1,550 |
| | | | | | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,795 | 2,025 | 2,180 | |
| TPL 2x8 | LUS28-3 | 18 | 4 ⁵ / ₈ | 6 ¹ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | U26-3 | 16 | 4 ⁵ / ₈ | 4 ¹ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HUS26-3 / HUC26-3 | 14 | 4 ¹ / ₁₆ | 4 ⁵ / ₈ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,025 | 1,155 | 1,240 |
| | | 14 | 4 ¹ / ₁₆ | 4 ⁵ / ₈ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,540 | 1,735 | 1,865 |
| QUAD 2x8 | HU28-4 / HUC28-4 | 14 | 6 ¹ / ₈ | 7 | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 650 | 1,280 | 1,445 | 1,550 |
| | | 14 | 6 ¹ / ₈ | 7 | 2 ¹ / ₂ | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,160 | 1,795 | 2,025 | 2,180 |

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | | |
|--|-----------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--|--|--|--|-------------|------------|------------|-------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | |
| Sawn Lumber Sizes | | | | | | | | | | | | | |
| SS SS SS SS | 2x10 | LUS28 | 18 | 1 ⁹ / ₁₆ | 6 ⁵ / ₁₆ | 1 ³ / ₄ | — | (6) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 945 | 1,085 | 1,160 |
| | | LU28 | 20 | 1 ⁹ / ₁₆ | 6 ³ / ₁₆ | 1 ¹ / ₂ | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 955 | 1,015 | 1,015 |
| | | LUS210 | 18 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 1,150 | 1,315 | 1,410 |
| | | LU210 | 20 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 1,195 | 1,360 | 1,390 |
| | | U210 | 16 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,240 | 1,345 | 1,345 |
| | | LUC210Z | 18 | 1 ⁹ / ₁₆ | 7 ³ / ₄ | 1 ³ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 845 | 1,020 | 1,155 | 1,250 |
| | | HU210 | 14 | 1 ⁹ / ₁₆ | 7 ¹ / ₁₆ | 2 ¹ / ₄ | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 520 | 1,025 | 1,155 | 1,240 |
| SS SS SS SS | DBL 2x10 | HUS210 | 16 | 1 ⁵ / ₁₆ | 9 | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,265 | 4,685 | 4,985 | 5,015 |
| | | HGUS210 | 12 | 1 ⁵ / ₁₆ | 9 ¹ / ₁₆ | 5 | — | (46) 0.162 x 3 ¹ / ₂ | (16) 0.162 x 3 ¹ / ₂ | 1,545 | 6,340 | 6,730 | 6,730 |
| | | LUS28-2 | 18 | 3 ¹ / ₁₆ | 7 | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | | LUS210-2 | 18 | 3 ¹ / ₁₆ | 9 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | | U210-2 | 16 | 3 ¹ / ₁₆ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | | HU210-2 / HUC210-2 | 14 | 3 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 1,795 | 2,020 | 2,165 |
| | | | 14 | 3 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,305 | 2,605 | 2,800 |
| HHUS210-2 | 14 | 3 ⁵ / ₁₆ | 8 ⁷ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 3,055 | 4,905 | 5,535 | 5,575 | | |
| HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,015 | 3,600 | 3,710 | 3,710 | | |
| SS SS SS SS | TPL 2x10 | LUS28-3 | 18 | 4 ⁵ / ₁₆ | 6 ¹ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | | LUS210-3 | 18 | 4 ⁵ / ₁₆ | 8 ³ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | | U210-3 | 16 | 4 ⁵ / ₁₆ | 7 ³ / ₄ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | | HU210-3 / HUC210-3 | 14 | 4 ¹ / ₁₆ | 8 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 1,795 | 2,020 | 2,165 |
| | | | 14 | 4 ¹ / ₁₆ | 8 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,305 | 2,605 | 2,800 |
| | | HHUS210-3 | 14 | 4 ¹ / ₁₆ | 8 ⁷ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,930 | 4,850 | 5,485 | 5,575 |
| | | HUCQ210-3-SDS | 14 | 4 ⁵ / ₁₆ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,015 | 3,600 | 3,710 | 3,710 |
| SS SS SS | QUAD 2x10 | HU210-4 / HUC210-4 | 14 | 6 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,155 | 1,795 | 2,020 | 2,165 |
| | | | 14 | 6 ¹ / ₁₆ | 8 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 1,550 | 2,305 | 2,605 | 2,800 |
| | | HHUS210-4 | 14 | 6 ¹ / ₁₆ | 8 ⁷ / ₁₆ | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,930 | 4,850 | 5,485 | 5,575 |
| SS SS SS SS | 2x12 | LUS210 | 18 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 1,150 | 1,315 | 1,410 |
| | | LU210 | 20 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 1,195 | 1,360 | 1,390 |
| | | U210 | 16 | 1 ⁹ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,240 | 1,345 | 1,345 |
| | | LUC210Z | 18 | 1 ⁹ / ₁₆ | 7 ³ / ₄ | 1 ³ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 845 | 1,020 | 1,155 | 1,250 |
| | | HU212 | 14 | 1 ⁹ / ₁₆ | 9 | — | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 975 | 1,280 | 1,445 | 1,550 |
| | | HUS210 | 16 | 1 ⁵ / ₁₆ | 9 | 3 | — | (30) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,265 | 4,685 | 4,985 | 5,015 |
| SS SS SS SS | DBL 2x12 | LUS210-2 | 18 | 3 ¹ / ₁₆ | 9 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | | U210-2 | 16 | 3 ¹ / ₁₆ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | | LUS214-2 | 18 | 3 ¹ / ₁₆ | 10 ¹⁵ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,815 | 2,060 | 2,225 |
| | | HUS210-2 | 14 | 3 ¹ / ₁₆ | 9 ⁹ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 2,810 | 1,815 | 2,050 | 2,215 |
| | | HUS212-2 | 14 | 3 ¹ / ₁₆ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | | HU212-2 / HUC212-2 | 14 | 3 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 2,050 | 2,315 | 2,475 |
| | | | 14 | 3 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,820 | 3,180 | 3,425 |
| HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,015 | 3,600 | 3,710 | 3,710 | | |
| SS SS SS | TPL 2x12 | LUS210-3 | 18 | 4 ⁵ / ₁₆ | 8 ³ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | | HU212-3 / HUC212-3 | 14 | 4 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 2,050 | 2,315 | 2,475 |
| | | | 14 | 4 ¹ / ₁₆ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,820 | 3,180 | 3,425 |
| | | U210-3 | 16 | 4 ⁵ / ₁₆ | 7 ³ / ₄ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| HUCQ210-3-SDS | 14 | 4 ⁵ / ₁₆ | 9 | 3 | — | (12) 1/4 x 2 1/2 SDS | (6) 1/4 x 2 1/2 SDS | 2,015 | 3,600 | 3,710 | 3,710 | | |

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | |
|--------------------------|--------------------|--------------|--------------------------------|----------------------------------|-------------------------------|-------------------------------|--|---|---|--------------|--------------|--------------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) |
| Sawn Lumber Sizes | | | | | | | | | | | | |
| SS | LUS210 | 18 | 1 ¹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (8) 0.148 x 3 | (4) 0.148 x 3 | 1,000 | 1,150 | 1,315 | 1,410 |
| | LU210 | 20 | 1 ¹ / ₁₆ | 7 ¹³ / ₁₆ | 1 ³ / ₄ | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 1,195 | 1,360 | 1,390 |
| | U210 | 16 | 1 ¹ / ₁₆ | 7 ¹³ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,240 | 1,345 | 1,345 |
| | HU214 | 14 | 1 ¹ / ₁₆ | 10 ¹ / ₈ | 2 ¹ / ₄ | — | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 975 | 1,540 | 1,735 | 1,860 |
| | U214 | 16 | 1 ¹ / ₁₆ | 10 | 2 | — | (12) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 850 | 1,490 | 1,680 | 1,815 |
| | U210-2 | 16 | 3 ¹ / ₈ | 8 ¹ / ₂ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | LUS214-2 | 18 | 3 ¹ / ₈ | 10 ⁵ / ₁₆ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,815 | 2,060 | 2,225 |
| | HUS212-2 | 14 | 3 ¹ / ₈ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | HU212-2 / HUC212-2 | 14 | 3 ¹ / ₈ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 2,050 | 2,315 | 2,475 |
| | | 14 | 3 ¹ / ₈ | 10 ⁹ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,820 | 3,180 | 3,425 |
| | HU214-2 / HUC214-2 | 14 | 3 ¹ / ₈ | 12 ¹³ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,305 | 2,600 | 2,785 |
| | | 14 | 3 ¹ / ₈ | 12 ¹³ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,965 | 3,075 | 3,470 | 3,735 |
| SS | HUCQ210-2-SDS | 14 | 3 ¹ / ₄ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,015 | 3,600 | 3,710 | 3,710 |
| | U210-3 | 16 | 4 ⁵ / ₁₆ | 7 ³ / ₄ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | HU214-3 / HUC214-3 | 14 | 4 ¹ / ₁₆ | 12 ¹ / ₁₆ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,305 | 2,600 | 2,785 |
| | | 14 | 4 ¹ / ₁₆ | 12 ¹ / ₁₆ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,735 | 3,075 | 3,470 | 3,735 |
| SS | HUCQ210-3-SDS | 14 | 4 ⁵ / ₁₆ | 9 | 3 | — | (12) 1/4 x 2 ¹ / ₂ SDS | (6) 1/4 x 2 ¹ / ₂ SDS | 2,015 | 3,600 | 3,710 | 3,710 |
| | U214 | 16 | 1 ¹ / ₁₆ | 10 | 2 | — | (12) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 850 | 1,490 | 1,680 | 1,815 |
| | HU214 | 14 | 1 ¹ / ₁₆ | 10 ¹ / ₈ | 2 ¹ / ₄ | — | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 975 | 1,540 | 1,735 | 1,860 |
| | HU216 | 14 | 1 ¹ / ₁₆ | 12 ¹⁵ / ₁₆ | 2 ¹ / ₄ | — | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,300 | 2,305 | 2,600 | 2,785 |
| | HUS212-2 | 14 | 3 ¹ / ₈ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | HU216-2 / HUC216-2 | 14 | 3 ¹ / ₈ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,565 | 2,890 | 3,095 |
| | | 14 | 3 ¹ / ₈ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,735 | 3,330 | 3,760 | 4,045 |
| | HU216-3 / HUC216-3 | 14 | 4 ¹ / ₁₆ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,565 | 2,890 | 3,095 |
| | | 14 | 4 ¹ / ₁₆ | 13 ⁷ / ₈ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,735 | 3,330 | 3,760 | 4,045 |
| | U34 | 16 | 2 ⁵ / ₁₆ | 3 ³ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 205 | 495 | 560 | 605 |
| | HU34 / HUC34 | 14 | 2 ⁵ / ₁₆ | 3 ³ / ₈ | 2 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 325 | 510 | 575 | 620 |
| | U36 | 16 | 2 ⁵ / ₁₆ | 5 ³ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| SS | LUS36 | 18 | 2 ⁵ / ₁₆ | 5 ¹ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | HU36 / HUC36 | 14 | 2 ⁵ / ₁₆ | 5 ³ / ₈ | 2 ¹ / ₂ | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 520 | 1,025 | 1,155 | 1,240 |
| | U36 | 16 | 2 ⁵ / ₁₆ | 5 ³ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| | HU38 / HUC38 | 14 | 2 ⁵ / ₁₆ | 7 ¹ / ₈ | 2 ¹ / ₂ | — | (10) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 520 | 1,280 | 1,445 | 1,550 |
| | U310 | 16 | 2 ⁵ / ₁₆ | 8 ⁷ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| | LUS310 | 18 | 2 ⁵ / ₁₆ | 7 ¹ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 900 | 1,130 | 1,290 | 1,400 |
| | HU310 / HUC310 | 14 | 2 ⁵ / ₁₆ | 8 ⁷ / ₈ | 2 ¹ / ₂ | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 780 | 1,795 | 2,020 | 2,165 |
| SS | HUCQ310-SDS | 14 | 2 ⁵ / ₁₆ | 9 | 3 | — | (8) 1/4 x 2 ¹ / ₂ SDS | (4) 1/4 x 2 ¹ / ₂ SDS | 1,160 | 2,685 | 3,085 | 3,320 |
| | U310 | 16 | 2 ⁵ / ₁₆ | 8 ⁷ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| | HU312 / HUC312 | 14 | 2 ⁵ / ₁₆ | 10 ⁵ / ₈ | 2 ¹ / ₂ | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 780 | 2,050 | 2,315 | 2,475 |
| SS | | HUCQ310-SDS | 14 | 2 ⁵ / ₁₆ | 9 | 3 | — | (8) 1/4 x 2 ¹ / ₂ SDS | (4) 1/4 x 2 ¹ / ₂ SDS | 1,160 | 2,685 | 3,085 |
| | U314 | 16 | 2 ⁵ / ₁₆ | 10 ¹ / ₂ | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,980 | 2,245 | 2,420 |
| | HU314 / HUC314 | 14 | 2 ⁵ / ₁₆ | 12 ³ / ₈ | 2 ¹ / ₂ | — | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,300 | 2,305 | 2,600 | 2,785 |
| SS | | HUCQ310-SDS | 14 | 2 ⁵ / ₁₆ | 9 | 3 | — | (8) 1/4 x 2 ¹ / ₂ SDS | (4) 1/4 x 2 ¹ / ₂ SDS | 1,160 | 2,685 | 3,085 |
| | U316 | 16 | 2 ⁵ / ₁₆ | 10 ¹ / ₂ | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,980 | 2,245 | 2,420 |
| | HU316 / HUC316 | 14 | 2 ⁵ / ₁₆ | 14 ¹ / ₈ | 2 ¹ / ₂ | — | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 1 ¹ / ₂ | 1,300 | 2,565 | 2,890 | 3,095 |
| | U44 | 18 | 3 ¹ / ₁₆ | 3 | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.162 x 3 ¹ / ₂ | 355 | 690 | 780 | 845 |
| | U44 | 16 | 3 ¹ / ₁₆ | 2 ⁷ / ₈ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 205 | 495 | 560 | 605 |
| | | HU44 / HUC44 | 14 | 3 ¹ / ₁₆ | 2 ⁷ / ₈ | 2 ¹ / ₂ | — | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 3 | 325 | 510 | 575 |

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | |
|--------------------------|----------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|--|--|--|------------------------------|-------------|------------|------------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) |
| Sawn Lumber Sizes | | | | | | | | | | | | |
| 4x6 | LUS46 | 18 | 3 ⁹ / ₁₆ | 4 ³ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | U46 | 16 | 3 ⁹ / ₁₆ | 4 ⁷ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HUS46 | 14 | 3 ⁹ / ₁₆ | 5 | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 1,000 | 905 | 1,030 | 1,110 |
| | HU46 / HUC46 | 14 | 3 ⁹ / ₁₆ | 5 ⁵ / ₁₆ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,025 | 1,155 | 1,240 |
| | | 14 | 3 ⁹ / ₁₆ | 5 ⁵ / ₁₆ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,540 | 1,735 | 1,865 |
| 4x8 | LUS46 | 18 | 3 ⁹ / ₁₆ | 4 ³ / ₄ | 2 | — | (4) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 885 | 1,005 | 1,090 |
| | U46 | 16 | 3 ⁹ / ₁₆ | 4 ⁷ / ₈ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | LUS48 | 18 | 3 ⁹ / ₁₆ | 6 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | HUS48 | 14 | 3 ⁹ / ₁₆ | 6 ¹⁵ / ₁₆ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,135 | 1,360 | 1,540 | 1,660 |
| | HU48 / HUC48 | 14 | 3 ⁹ / ₁₆ | 6 ¹³ / ₁₆ | 2 ¹ / ₂ | Min. | (10) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 650 | 1,280 | 1,445 | 1,550 |
| 14 | | 3 ⁹ / ₁₆ | 6 ¹⁵ / ₁₆ | 2 ¹ / ₂ | Max. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 980 | 1,795 | 2,025 | 2,180 | |
| 4x10 | LUS48 | 18 | 3 ⁹ / ₁₆ | 6 ³ / ₄ | 2 | — | (6) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 910 | 1,130 | 1,280 | 1,385 |
| | LUS410 | 18 | 3 ⁹ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | U410 | 16 | 3 ⁹ / ₁₆ | 8 ³ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | HUS410 | 14 | 3 ⁹ / ₁₆ | 8 ¹⁵ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 2,770 | 1,815 | 2,050 | 2,215 |
| | HU410 / HUC410 | 14 | 3 ⁹ / ₁₆ | 8 ⁵ / ₈ | 2 ¹ / ₂ | Min. | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 1,795 | 2,020 | 2,165 |
| 14 | | 3 ⁹ / ₁₆ | 8 ⁵ / ₈ | 2 ¹ / ₂ | Max. | (18) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,305 | 2,605 | 2,800 | |
| HUCQ410-SDS | 14 | 3 ⁹ / ₁₆ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 3,600 | 3,870 | 3,870 | |
| 4x12 | LUS410 | 18 | 3 ⁹ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | LUS414 | 18 | 3 ⁹ / ₁₆ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,815 | 2,060 | 2,225 |
| | U410 | 16 | 3 ⁹ / ₁₆ | 8 ³ / ₈ | 2 | — | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 |
| | HUS410 | 14 | 3 ⁹ / ₁₆ | 8 ¹⁵ / ₁₆ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | 2,770 | 1,815 | 2,050 | 2,215 |
| | HUS412 | 14 | 3 ⁹ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | HU412 / HUC412 | 14 | 3 ⁹ / ₁₆ | 10 ⁵ / ₁₆ | 2 ¹ / ₂ | Min. | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 975 | 2,050 | 2,315 | 2,475 |
| | | 14 | 3 ⁹ / ₁₆ | 10 ⁵ / ₁₆ | 2 ¹ / ₂ | Max. | (22) 0.162 x 3 ¹ / ₂ | (10) 0.148 x 3 | 1,635 | 2,820 | 3,180 | 3,425 |
| HUCQ410-SDS | 14 | 3 ⁹ / ₁₆ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 3,600 | 3,870 | 3,870 | |
| HUCQ412-SDS | 14 | 3 ⁹ / ₁₆ | 11 | 3 | — | (14) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 4,200 | 4,340 | 4,340 | |
| 4x14 | LUS410 | 18 | 3 ⁹ / ₁₆ | 8 ³ / ₄ | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,575 | 1,785 | 1,930 |
| | LUS414 | 18 | 3 ⁹ / ₁₆ | 10 ³ / ₄ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,245 | 1,815 | 2,060 | 2,225 |
| | U414 | 16 | 3 ⁹ / ₁₆ | 10 | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,980 | 2,245 | 2,420 |
| | HUS412 | 14 | 3 ⁹ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | HU414 / HUC414 | 14 | 3 ⁹ / ₁₆ | 12 ³ / ₈ | 2 ¹ / ₂ | Min. | (18) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,305 | 2,600 | 2,785 |
| | | 14 | 3 ⁹ / ₁₆ | 12 ³ / ₈ | 2 ¹ / ₂ | Max. | (24) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,965 | 3,075 | 3,470 | 3,735 |
| | HUCQ410-SDS | 14 | 3 ⁹ / ₁₆ | 9 | 3 | — | (12) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 3,600 | 3,870 | 3,870 |
| HUCQ412-SDS | 14 | 3 ⁹ / ₁₆ | 11 | 3 | — | (14) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 4,200 | 4,340 | 4,340 | |
| 4x16 | U414 | 16 | 3 ⁹ / ₁₆ | 10 | 2 | — | (16) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 3 | 850 | 1,980 | 2,245 | 2,420 |
| | HUS412 | 14 | 3 ⁹ / ₁₆ | 10 ¹ / ₂ | 2 | — | (10) 0.162 x 3 ¹ / ₂ | (10) 0.162 x 3 ¹ / ₂ | 2,955 | 2,265 | 2,565 | 2,770 |
| | HU416 / HUC416 | 14 | 3 ⁹ / ₁₆ | 13 ³ / ₈ | 2 ¹ / ₂ | Min. | (20) 0.162 x 3 ¹ / ₂ | (8) 0.148 x 3 | 1,300 | 2,565 | 2,890 | 3,095 |
| | | 14 | 3 ⁹ / ₁₆ | 13 ³ / ₈ | 2 ¹ / ₂ | Max. | (26) 0.162 x 3 ¹ / ₂ | (12) 0.148 x 3 | 1,965 | 3,330 | 3,760 | 4,045 |
| HUCQ412-SDS | 14 | 3 ⁹ / ₁₆ | 11 | 3 | — | (14) ¼ x 2 ¹ / ₂ SDS | (6) ¼ x 2 ¹ / ₂ SDS | 1,950 | 4,200 | 4,340 | 4,340 | |
| 6x6 | U66 | 16 | 5 ¹ / ₂ | 5 | 2 | — | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 |
| | HU66 / HUC66 | 14 | 5 ¹ / ₂ | 4 ³ / ₁₆ | 2 ¹ / ₂ | Min. | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 770 | 1,025 | 1,155 | 1,240 |
| | | 14 | 5 ¹ / ₂ | 4 ³ / ₁₆ | 2 ¹ / ₂ | Max. | (12) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 1,160 | 1,540 | 1,735 | 1,865 |

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

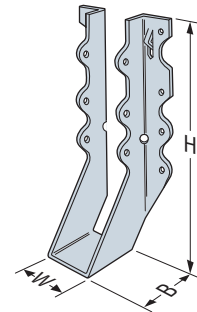
These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Min./Max. | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | | |
|--------------------------|----------------|-------------|------------------|-----|------|-----------------|-----------------|-----------------|------------------------------|-------------|------------|------------|-------|
| | | | W | H | B | | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | |
| Sawn Lumber Sizes | | | | | | | | | | | | | |
| 6x8 | U66 | 16 | 5½ | 5 | 2 | — | (8) 0.162 x 3½ | (4) 0.148 x 3 | 460 | 990 | 1,120 | 1,215 | |
| | HU68 / HUC68 | 14 | 5½ | 5¼ | 2½ | Min. | (10) 0.162 x 3½ | (4) 0.162 x 3½ | 770 | 1,280 | 1,445 | 1,550 | |
| 14 | | 5½ | 5¼ | 2½ | Max. | (14) 0.162 x 3½ | (6) 0.162 x 3½ | 1,160 | 1,795 | 2,025 | 2,180 | | |
| 6x10 | U610 | 16 | 5½ | 8½ | 2 | — | (14) 0.162 x 3½ | (6) 0.148 x 3 | 850 | 1,735 | 1,960 | 2,120 | |
| | HU610 / HUC610 | 14 | 5½ | 7¾ | 2½ | Min. | (14) 0.162 x 3½ | (6) 0.162 x 3½ | 1,155 | 1,795 | 2,020 | 2,165 | |
| | | 14 | 5½ | 7¾ | 2½ | Max. | (18) 0.162 x 3½ | (8) 0.162 x 3½ | 1,550 | 2,305 | 2,605 | 2,800 | |
| SS | HUCQ610-SDS | 14 | 5½ | 9 | 3 | — | (12) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 3,600 | 4,140 | 4,460 | |
| 6x12 | HU612 / HUC612 | 14 | 5½ | 9¾ | 2½ | Min. | (16) 0.162 x 3½ | (6) 0.162 x 3½ | 1,155 | 2,050 | 2,315 | 2,475 | |
| | | 14 | 5½ | 9¾ | 2½ | Max. | (22) 0.162 x 3½ | (8) 0.162 x 3½ | 1,550 | 2,820 | 3,180 | 3,425 | |
| | SS | HUCQ610-SDS | 14 | 5½ | 9 | 3 | — | (12) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 3,600 | 4,140 | 4,460 |
| | SS | HUCQ612-SDS | 14 | 5½ | 11 | 3 | — | (14) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 4,200 | 4,460 | 4,460 |
| 6x14 | HU614 / HUC614 | 14 | 5½ | 11¾ | 2½ | Min. | (18) 0.162 x 3½ | (8) 0.162 x 3½ | 1,550 | 2,305 | 2,605 | 2,800 | |
| | | 14 | 5½ | 11¾ | 2½ | Max. | (24) 0.162 x 3½ | (12) 0.162 x 3½ | 1,530 | 2,305 | 2,600 | 2,785 | |
| | SS | HUCQ610-SDS | 14 | 5½ | 9 | 3 | — | (12) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 3,600 | 4,140 | 4,460 |
| | SS | HUCQ612-SDS | 14 | 5½ | 11 | 3 | — | (14) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 4,200 | 4,460 | 4,460 |
| 6x16 | HU616 / HUC616 | 14 | 5½ | 12¼ | 2½ | Min. | (20) 0.162 x 3½ | (8) 0.162 x 3½ | 1,530 | 2,565 | 2,890 | 3,095 | |
| | | 14 | 5½ | 12¼ | 2½ | Max. | (26) 0.162 x 3½ | (12) 0.162 x 3½ | 2,325 | 3,330 | 3,760 | 4,045 | |
| | SS | HUCQ612-SDS | 14 | 5½ | 11 | 3 | — | (14) ¼ x 2½ SDS | (6) ¼ x 2½ SDS | 2,000 | 4,200 | 4,460 | 4,460 |
| 8x8 | HU88 / HUC88 | 14 | 7½ | 6¾ | 2½ | Min. | (10) 0.162 x 3½ | (4) 0.162 x 3½ | 770 | 1,280 | 1,445 | 1,550 | |
| | | 14 | 7½ | 6¾ | 2½ | Max. | (14) 0.162 x 3½ | (6) 0.162 x 3½ | 1,160 | 1,795 | 2,025 | 2,180 | |
| 8x10 | HU810 / HUC810 | 14 | 7½ | 8¾ | 2½ | Min. | (14) 0.162 x 3½ | (6) 0.162 x 3½ | 1,155 | 1,795 | 2,020 | 2,165 | |
| | | 14 | 7½ | 8¾ | 2½ | Max. | (18) 0.162 x 3½ | (8) 0.162 x 3½ | 1,550 | 2,305 | 2,605 | 2,800 | |
| 8x12 | HU812 / HUC812 | 14 | 7½ | 10¾ | 2½ | Min. | (16) 0.162 x 3½ | (6) 0.162 x 3½ | 1,155 | 2,050 | 2,315 | 2,475 | |
| | | 14 | 7½ | 10¾ | 2½ | Max. | (22) 0.162 x 3½ | (8) 0.162 x 3½ | 1,550 | 2,820 | 3,180 | 3,425 | |
| 8x14 | HU814 / HUC814 | 14 | 7½ | 11¾ | 2½ | Min. | (18) 0.162 x 3½ | (8) 0.162 x 3½ | 1,530 | 2,305 | 2,600 | 2,785 | |
| | | 14 | 7½ | 11¾ | 2½ | Max. | (24) 0.162 x 3½ | (12) 0.162 x 3½ | 2,325 | 3,075 | 3,470 | 3,735 | |
| 8x16 | HU816 / HUC816 | 14 | 7½ | 13¾ | 2½ | Min. | (20) 0.162 x 3½ | (8) 0.162 x 3½ | 1,530 | 2,565 | 2,890 | 3,095 | |
| | | 14 | 7½ | 13¾ | 2½ | Max. | (26) 0.162 x 3½ | (12) 0.162 x 3½ | 2,325 | 3,330 | 3,760 | 4,045 | |

- Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
- For minimum nailing quantity and load values, fill all round holes; for maximum nailing quantity and load values, fill all round and triangular holes.
- DF/SP loads can be used for SCL with an equivalent specific gravity of 0.50 or greater.
- Truss chord cross-grain tension may limit allowable loads in accordance with ANSI/TPI 1-2014. Simpson Strong-Tie® Connector Selector® software includes the evaluation of cross-grain tension in its hanger allowable loads. For additional information, contact Simpson Strong-Tie.
- Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.



Face-Mount Hangers — Rough Lumber (DF/SP)

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Codes: See p. 11 for Code Reference Key Chart

Solid Sawn Joist Hangers

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Fasteners (in.) | | DF/SP Allowable Loads (lb.) | | | | Code Ref. |
|--------------------------|-----------|-----|------------------|--------------------------------|-------------------------------|--|---|-----------------------------|-------------|------------|------------|-------------|
| | | | W | H | B | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) | |
| Sawn Lumber Sizes | | | | | | | | | | | | |
| 2x4(R) | LU24R-18 | 18 | 2 | 3 ¹ / ₁₆ | 1 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 240 | 555 | 630 | 655 | — |
| | U24R | 16 | 2 | 3 ³ / ₈ | 2 | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 240 | 575 | 650 | 705 | IBC, FL, LA |
| 2x6(R) | LU26R-18 | 18 | 2 | 4 ⁹ / ₁₆ | 1 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 540 | 835 | 950 | 1,030 | — |
| | U26R | 16 | 2 | 5 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | IBC, FL, LA |
| 2x8(R) | LU28R-18 | 18 | 2 | 6 ⁵ / ₈ | 1 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,110 | 1,180 | 1,180 | — |
| | U26R | 16 | 2 | 5 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | IBC, FL, LA |
| 2x10(R) | LU210R-18 | 18 | 2 | 7 ⁹ / ₁₆ | 2 | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,390 | 1,580 | 1,615 | — |
| | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | IBC, FL, LA |
| 2x12(R) | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 2x14(R) | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 4x4(R) | U44R | 16 | 4 | 2 ⁵ / ₈ | 2 | (4) 0.162 x 3 ¹ / ₂ | (2) 0.162 x 3 ¹ / ₂ | 240 | 575 | 650 | 705 | |
| 4x6(R) | U46R | 16 | 4 | 4 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | |
| 4x8(R) | U46R | 16 | 4 | 4 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | |
| 4x10(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 4x12(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 4x14(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 6x6(R) | U66R | 16 | 6 | 5 | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | |
| 6x8(R) | U66R | 16 | 6 | 5 | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 535 | 1,150 | 1,305 | 1,410 | |
| 6x10(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 6x12(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |
| 6x14(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 990 | 2,015 | 2,280 | 2,465 | |

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.

2. DF/SP loads can be used for SCL with an equivalent specific gravity of 0.50 or greater.

3. HU hangers can be ordered in rough sizes at full table loads. Add "X" to the model designation (e.g., HU28X) and specify rough width or height. Maximum width 8".

4. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.

Face-Mount Hangers — Rough Lumber (SPF/HF)

| Joist Size | Model No. | Ga. | Dimensions (in.) | | | Fasteners (in.) | | SPF/HF Allowable Loads (lb.) | | | |
|--------------------------|-----------|-----|------------------|--------------------------------|-------------------------------|--|---|------------------------------|-------------|------------|------------|
| | | | W | H | B | Header | Joist | Uplift (160) | Floor (100) | Snow (115) | Roof (125) |
| Sawn Lumber Sizes | | | | | | | | | | | |
| 2x4(R) | LU24R-18 | 18 | 2 | 3 ¹ / ₁₆ | 1 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 205 | 475 | 540 | 565 |
| | U24R | 16 | 2 | 3 ³ / ₈ | 2 | (4) 0.162 x 3 ¹ / ₂ | (2) 0.148 x 1 ¹ / ₂ | 205 | 495 | 560 | 605 |
| 2x6(R) | LU26R-18 | 18 | 2 | 4 ⁹ / ₁₆ | 1 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 465 | 720 | 815 | 885 |
| | U26R | 16 | 2 | 5 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 2x8(R) | LU28R-18 | 18 | 2 | 6 ⁵ / ₈ | 1 ¹ / ₂ | (8) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 955 | 1,015 | 1,015 |
| | U26R | 16 | 2 | 5 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.148 x 1 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 2x10(R) | LU210R-18 | 18 | 2 | 7 ⁹ / ₁₆ | 2 | (10) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 730 | 1,195 | 1,360 | 1,390 |
| | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 2x12(R) | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 2x14(R) | U210R | 16 | 2 | 9 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.148 x 1 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 4x4(R) | U44R | 16 | 4 | 2 ⁵ / ₈ | 2 | (4) 0.162 x 3 ¹ / ₂ | (2) 0.162 x 3 ¹ / ₂ | 205 | 495 | 560 | 605 |
| 4x6(R) | U46R | 16 | 4 | 4 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 4x8(R) | U46R | 16 | 4 | 4 ⁵ / ₈ | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 4x10(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 4x12(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 4x14(R) | U410R | 16 | 4 | 8 ¹ / ₈ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 6x6(R) | U66R | 16 | 6 | 5 | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 6x8(R) | U66R | 16 | 6 | 5 | 2 | (8) 0.162 x 3 ¹ / ₂ | (4) 0.162 x 3 ¹ / ₂ | 460 | 990 | 1,120 | 1,215 |
| 6x10(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 6x12(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |
| 6x14(R) | U610R | 16 | 6 | 8 ¹ / ₂ | 2 | (14) 0.162 x 3 ¹ / ₂ | (6) 0.162 x 3 ¹ / ₂ | 850 | 1,735 | 1,960 | 2,120 |

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.

2. DF/SP loads can be used for SCL with an equivalent specific gravity of 0.50 or greater.

3. HU hangers can be ordered in rough sizes at full table loads. Add "X" to the model designation (e.g., HU28X) and specify rough width or height. Maximum width 8".

4. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.