

HANGER OPTIONS

U/HU

See Hanger Options General Notes.

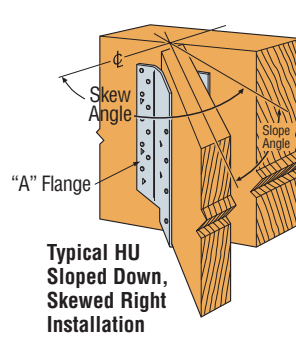
Not all slope and skew combinations are available.

SLOPED AND/OR SKEWED

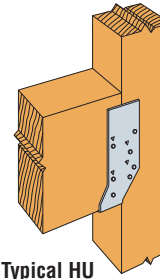
- For low-cost, code-reported 45° skews, see SUR/SUL and HSUR/HSUL. See also LSU/LSSU connectors.
- These options only apply to wood-to-wood connections.
- U/HU may be skewed to a maximum of 45° and sloped to a maximum of 45°. Hangers 5½" or less in width may be skewed to 67½°. Hangers skewed 51°- 67½° require a square cut.
- For all options, uplift loads are 0.75 of table loads.
- For combined slopes and skews, the maximum allowable download is 0.80 of the table load.
- For skewed hangers 3¾" and less in width, the allowable download is 100% of the table load. For skewed hangers over 3¾" in width the allowable download is 80% of the table load. For slope only, the allowable download is 100% of the table load.

STRAIGHT OR CONCEALED FLANGE

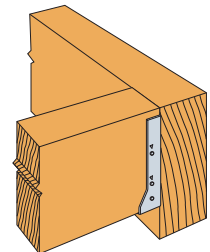
- HU is available with the A flanges straight at 100% of the table loads if $W \geq 3\frac{1}{2}$ ".
- If $W < 3$ ", use N10 nails at 0.64 of the table load.
- If $W \geq 3$ ", use 10d nails at 0.84 of the table load.
- HU is available with A flanges concealed, provided the W dimension is 2½" or greater, at 100% of the table load. Specify HUC.
- HU is available with one flange concealed when the W dimension is less than 2½" at 100% of the table load.
- For skewed only HUC hangers, the flange on the acute side can be concealed at 100% of the table load. See table for skew limitations.
- For sloped only hangers, flanges can be concealed at 100% of the table load.
- For sloped and skewed hangers, the flange on the acute side can be concealed at 0.80 of the table load. Contact Simpson Strong-Tie for skew limitations.
- When nailing into the carrying member's end grain, the allowable load is 0.67 of the table load.
- For welding see technical bulletin T-HUHUC-W (see page 190 for details).



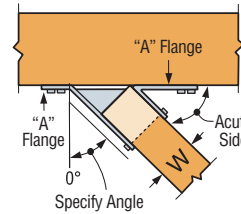
Typical HU Sloped Down, Skewed Right Installation



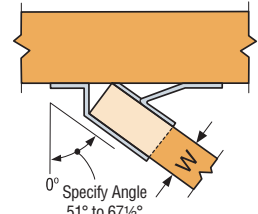
Typical HU Installation Manufactured with Flanges Straight



Typical HUC Installed on a Beam



Top View U Hanger Skewed Right $< 51^\circ$ (Square Cut)

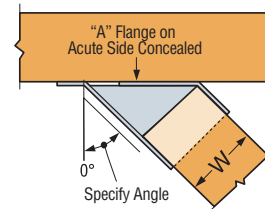


Top View U Hanger Skewed Right $\geq 51^\circ$ (Square Cut)

Maximum Skew Degree for Skewed HUC Hangers

| Hanger Width | Maximum Skew |
|--------------|--------------|
| 2½" | 26° |
| 2¾" | 26° |
| 2¾" | 29° |
| 2¾" | 29° |
| 3⅛" | 37° |
| 3¼" | 38° |
| 3½" | 39° |
| 3¾" | 42° |
| 4⅛" | 42° |
| 4¾" | 42° |

1. Widths greater than 4¾" maximum skew is 45°.



Top View HUC Concealed Hanger Skewed Right (Square Cut)

LGU/MGU/HGU/HHGU/LGUM/HGUM

See Hanger Options General Notes.

CONCEALED FLANGE

LGU, MGU, HGU, HHGU and HGUM hangers are available with one flange concealed.

Order as an "X" version and specify flange to conceal. Example: LGU3.25X, Right flange concealed.

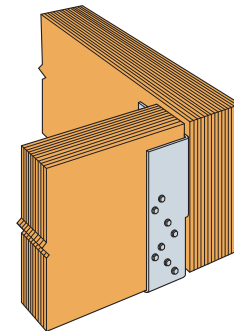
Allowable Loads for One Flange Concealed Option:

- LGU Series = 1.00 of table load
- MGU Series = 0.88 of table load
- HGU Series = 0.75 of table load
- HHGU Series = 0.75 of table load
- **HGUM = contact Simpson Strong-Tie**

Note: MGU3.63, MGU5.25 and HGU5.25 can not be concealed.

SKEWED

- **LGUM and HGUM hangers are available skewed at 45°. Contact Simpson Strong-Tie for allowable loads.**
- **LGU, MGU, HGU and HHGU are not available in skew options.**



Typical GU Installation with Right Flange Concealed