SUR/SUL/HSUR/HSUL

Skewed 45° Face-Mount Hangers

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

The SU and HSU series of hangers are skewed 45° left or right. Angled nail slots direct nails for proper installation.

Material: SUR and SUL — 16 gauge; HSUR and HSUL — 14 gauge

Finish: Galvanized. Some products available in ZMAX® coating.

Installation:

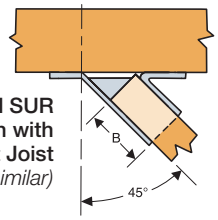
- Use all specified fasteners; see General Notes
- These hangers will normally accommodate a 40° to 50° skew
- Illustration shows left and right skews SUR/L (SUR = skewed right; SUL = skewed left)
- The joist end may be square cut or bevel cut

Options:

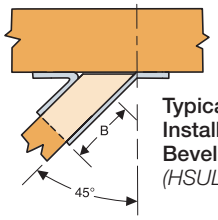
- Available with the A_2 flange turned in on the 2-2x and 4x models only (see illustration)
- To order, add "C" (for concealed) to the product name
- For example, specify HSURC46, HSULC46, SURC46, or SULC46

Codes: See p. 13 for Code Reference Key Chart

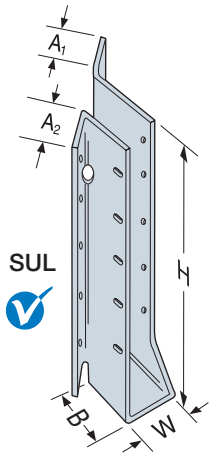
Web Applications: Visit **app.strongtie.com/hs** to access our Hanger Selector web application.



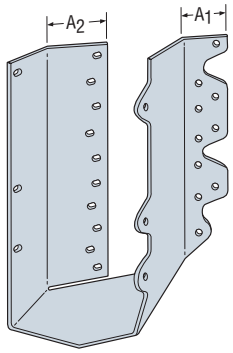
Typical SUR Installation with Square Cut Joist *(HSUR similar)*



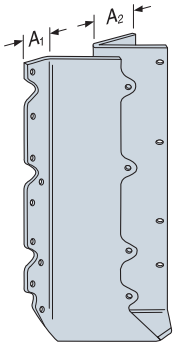
Typical SUL Installation with Bevel Cut Joist *(HSUL similar)*



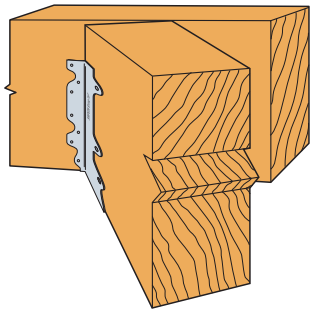
SUL



HSULC
Available for 2-2x and 4x models only



HSUR



Typical SUR410 Installation

These products are available with additional corrosion protection. For more information, see p. 16.

SS For stainless-steel fasteners, see p. 23.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Joist Size	Model No.	Dimensions (in.)					Fasteners (in.)		DF/SP Species Header Allowable Loads				SPF/HF Species Header Allowable Loads				Code Ref.
		W	H	B	A_1	A_2	Face	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
2x4	SUR/L24	1⁹⁄₁₆	3½	2	1⅛	1¼	(4) 0.162 x 3½	(4) 0.148 x 1½	395	575	650	705	340	495	560	605	IBC®, FL, LA
SS 2x6, x8	SUR/L26	1⁹⁄₁₆	5	2	1⅛	1⁵⁄₁₆	(6) 0.162 x 3½	(6) 0.148 x 1½	675	865	980	1,055	580	745	845	905	
SS 2x10, x12	SUR/L210	1⁹⁄₁₆	8³⁄₁₆	2	1⅛	1⁵⁄₁₆	(10) 0.162 x 3½	(10) 0.148 x 1½	1,250	1,440	1,630	1,760	1,075	1,240	1,400	1,515	
2x14	SUR/L214	1⁹⁄₁₆	10	2	1⅛	1⁵⁄₁₆	(12) 0.162 x 3½	(12) 0.148 x 1½	1,890	1,730	1,955	2,110	1,625	1,490	1,680	1,815	
3x10, x12	SUR/L2.56 /9	2⁹⁄₁₆	8¹³⁄₁₆	3⅜	1⅛	2⅛	(14) 0.162 x 3½	(2) 0.148 x 1½	210	2,015	2,280	2,465	180	1,735	1,960	2,120	
3x14	SUR/L2.56 /11	2⁹⁄₁₆	11³⁄₁₆	3⅜	1⅛	2⅛	(16) 0.162 x 3½	(2) 0.148 x 1½	210	2,305	2,610	2,665	180	1,980	2,245	2,290	
(2) 2x6, x8	SUR/L26-2	3⅛	4¹⁵⁄₁₆	2⅝	1⁷⁄₁₆	2⅜	(8) 0.162 x 3½	(4) 0.162 x 2½	725	1,150	1,305	1,325	625	990	1,120	1,140	
(2) 2x6, x8	HSUR/L26-2	3⅛	4¹⁵⁄₁₆	2⅞	1¼	2⅜	(12) 0.162 x 3½	(4) 0.162 x 2½	725	1,790	1,795	1,795	625	1,540	1,545	1,545	
(2) 2x10, x12	SUR/L210-2	3⅛	8¹¹⁄₁₆	2⅝	1⁷⁄₁₆	2⅜	(14) 0.162 x 3½	(6) 0.162 x 2½	1,150	2,015	2,280	2,345	990	1,735	1,960	2,015	
(2) 2x10, x12	HSUR/L210-2	3⅛	8¹¹⁄₁₆	2⅞	1¼	2⅜	(20) 0.162 x 3½	(6) 0.162 x 2½	1,150	2,980	3,360	3,410	990	2,565	2,890	2,935	
(2) 2x14	HSUR/L214-2	3⅛	12¹¹⁄₁₆	2⅞	1¼	2⅜	(26) 0.162 x 3½	(8) 0.162 x 2½	1,490	3,875	4,370	4,680	1,280	3,335	3,760	4,025	
4x6, x8	SUR/L46	3⁹⁄₁₆	4¾	2⅝	1	2⅜	(8) 0.162 x 3½	(4) 0.162 x 3½	730	1,150	1,265	1,265	630	990	1,090	1,090	
4x6, x8	HSUR/L46	3⁹⁄₁₆	4¾	2⅞	1	2⅜	(12) 0.162 x 3½	(4) 0.162 x 3½	725	1,790	1,795	1,795	625	1,540	1,545	1,545	
4x10, x12	SUR/L410	3⁹⁄₁₆	8½	2⅝	1	2⅜	(14) 0.162 x 3½	(6) 0.162 x 3½	1,140	2,015	2,245	2,245	980	1,735	1,930	1,930	
4x10, x12	HSUR/L410	3⁹⁄₁₆	8½	2⅞	1	2⅜	(20) 0.162 x 3½	(6) 0.162 x 3½	1,150	2,980	3,360	3,410	990	2,565	2,890	2,935	
4x14	SUR/L414	3⁹⁄₁₆	12½	2⅝	1	2⅜	(18) 0.162 x 3½	(8) 0.162 x 3½	1,490	2,400	2,400	2,400	1,280	2,065	2,065	2,065	
4x14	HSUR/L414	3⁹⁄₁₆	12½	2⅞	1	2⅜	(26) 0.162 x 3½	(8) 0.162 x 3½	1,490	3,875	4,370	4,680	1,280	3,335	3,760	4,025	

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
2. Roof loads are 125% of floor loads unless limited by other criteria. Floor loads may be adjusted for load durations according to the code provided they do not exceed those in the roof column.
3. Truss chord cross-grain tension may limit allowable loads in accordance with ANSI/TPI 1-2014. Simpson Strong-Tie Hanger Selector web application includes the evaluation of cross-grain tension in its hanger allowable loads. For additional information, contact Simpson Strong-Tie.
4. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 23–24 for fastener information.