

FACE MOUNT HANGERS HU/HUC/HUCQ/HGUS *Glulam Beam & Double Shear Joist Hangers*

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

HU/HUC—Most models have triangle and round holes. To achieve maximum loads, fill both round and triangle holes with common nails.

HGUS—Face mount hanger used for high load applications. All hangers in this series have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation, and the use of common nails for all connections. *(Do not bend or remove tabs)*

MATERIAL: See tables

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

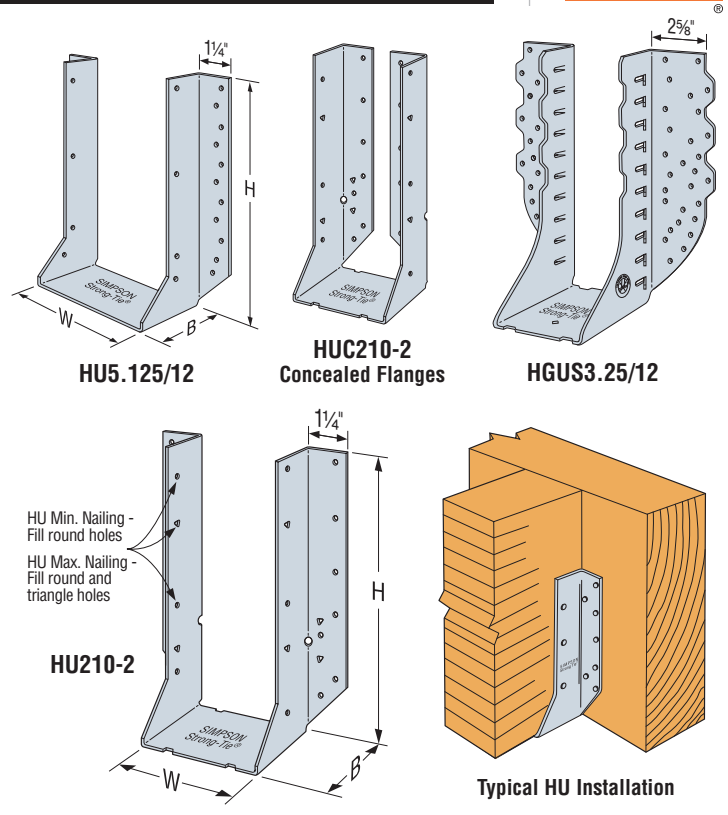
INSTALLATION: • Use all specified fasteners. See General Notes.

- HU/HUC—can be installed filling round holes only, or filling round and triangle holes for maximum values.
- HGUS—Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- With 3x carrying members, use 16d x 2½" (0.162" dia. x 2½" long) nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10d x 1½" (0.148" dia. x 1½" long) nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.
- For installations to masonry or concrete, see page 140.

OPTIONS: • HU hangers available with the header flanges turned in for 2⅝" and larger widths, with no load reduction—order HUC hanger.

- See Hanger Options on pages 181-183, for sloped and/or skewed HU models, and HUC (*concealed flange*) models.
- Concealed flanges are not available for HGUS.
- Other sizes available; contact Simpson Strong-Tie.
- See also HUS series.

CODES: See page 12 for Code Reference Key Chart.



Glulam Beam Connectors

Double Shear Nailing Top View

Double Shear Nailing Side View
Do not bend tab

Dome Double Shear Nailing Side View
(available on some models)
U.S. Patent 5,603,580

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

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

Carried Member Width	Model No.	Ga	Dimensions				Fasteners		Allowable Loads						Code Ref.		
			W	H	B	Min/Max	Face	Joist	DF/SP Species Header				SPF/HF Species Header				
									Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)		Roof (125)	
3⅝ GLULAM	HU210-2/HUC210-2	14	3⅝	8⅜	2½	Min	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I7, F6	
			3⅝	8⅜	2½	Max	18-16d	10-10d	1810	2410	2775	3015	2090	2400	2610		
	HU212-2/HUC212-2		3⅝	10⅞	2½	Min	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	170	
			3⅝	10⅞	2½	Max	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190		
	HU3.25/10.5 / HUC3.25/10.5		HU3.25/12 / HUC3.25/12	3⅝	10¼	2½	—	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190	170
				3⅝	11¾	2½	—	24-16d	12-10d	2015	3215	3700	4020	2785	3200	3480	
	HU216-2 / HUC216-2		HGUS3.25/10	3⅝	13¾	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I7, F6
				3⅝	13¾	2½	Max	26-16d	12-10d	2015	3485	4005	4355	3015	3470	3770	
3⅝		8⅞		4	—	46-16d	16-16d	3630	8780	8940	8940	6725	6935	7080			
HGUS3.25/12		12	3⅝	10⅞	4	—	56-16d	20-16d	4055	9155	9155	9155	7080	7345	7520	F23	
		See HHUS, HGUS and HUCQ in 3⅝" Structural Composite Lumber section, page 87-88 or GU series on page 89.															
3½ GLULAM	HU310-2 / HUC310-2	14	5½	8⅞	2½	—	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I7, F6	
			5½	10¼	2½	—	22-16d	8-16d	1715	2950	3390	3685	2550	2935	3190		
	HU5.125/12 / HUC5.125/12		HU5.125/13.5 / HUC5.125/13.5	5½	13¼	2½	—	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	170
				5½	13¾	2½	—	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	
	HUCQ5.25/9-SDS		HUCQ5.25/11-SDS	5½	9	3	—	12-SDS¼x2½	6-SDS¼x2½	3025	4955	4955	4955	3570	3570	3570	F23
				5½	11	3	—	14-SDS¼x2½	6-SDS¼x2½	3025	5560	5560	5560	4005	4005	4005	
	HGUS5.25/10		HGUS5.25/12	12	5½	9⅞	4	—	46-16d	16-16d	3630	8780	8940	8940	7510	7510	7510
				5½	10⅞	4	—	56-16d	20-16d	4055	9155	9155	9155	7690	7690	7690	
See HHUS, HGUS and HUCQ in 5¼" Structural Composite Lumber section, page 88 or GU series on page 89.																	
5½ GLULAM	HGUS6.88/10	12	6⅞	8⅞	4	—	46-16d	16-16d	3630	8780	9625	9625	7595	8085	8085		
			6⅞	10⅞	4	—	54-16d	20-16d	4055	9835	9835	9835	8260	8260	8260		
			6⅞	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330		
6¾ GLULAM	HGUS6.88/12	12	6⅞	10⅞	4	—	54-16d	20-16d	4055	9835	9835	9835	8260	8260	8260		
			6⅞	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330		
7 GLULAM	HGUS6.88/14	12	6⅞	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330		
			6⅞	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330		
See HHUS and HGUS in 7" Structural Composite Lumber section, page 88 or GU series on page 89.																	
8¾ GLULAM	See HGU and HHGU on page 112.																

1. 10d commons or 16d sinkers may be used instead of the specified 16d at 0.84 of the table load value.
 2. 16d sinkers may be used instead of the specified 10d commons with no load reduction.
 3. Uplift loads based on Douglas Fir and have been increased 60% for wind or earthquake loading with no further increase allowed. For normal loading applications such as cantilever construction refer to Simpson Strong-Tie® Connector Selector™ software or conservatively divide the uplift load by 1.6.
 4. MIN nailing quantity and load values—fill all round holes; MAX nailing quantity and load values—fill all round and triangle holes.
 5. For SPF/HF uplift, use 0.86 x DF/SP uplift load for products requiring nails and 0.72 for products requiring screws.
 6. NAILS: 16d = 0.162" dia. x 3½" long, 10d = 0.148" dia. x 3" long. See page 16-17 for other nail sizes and information.