

FACE MOUNT HANGERS LUC/LU/U/HU/HUC Standard Joist Hangers

LUCZ 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.

See Hanger tables on pages 62 to 68. See Hanger Options on pages 181-183 for hanger modifications, which may result in reduced loads.

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 schools and other structures requiring additional strength, longevity and safety factors.

MATERIAL: See tables on pages 62 to 68.

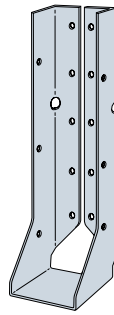
FINISH: Galvanized. Some products available in ZMAX® coating.

INSTALLATION:

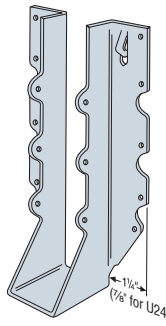
- Use all specified fasteners. See General Notes.
- HU/HUC—can be installed filling round holes only, or filling round and triangle holes for maximum values.
- Joists sloped up to ¼:12 achieve table loads.
- For installations to masonry or concrete see page 140.
- HU/HUC hangers can be welded to a steel member. Allowable loads are the lesser of the values in the Hanger tables on pages 62-68 or the weld capacity – refer to technical bulletin T-HUHUC-W (see page 191 for details).

OPTIONS: • HU hangers available with the header flanges turned in for 2½" width and larger, with no load reduction—order HUC hanger.

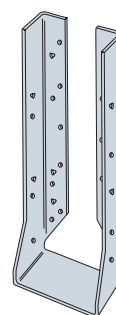
- See Hanger Options on pages 181-183 for sloped and/or skewed U/HU models, and HUC (concealed flange) models.
- HU only—rough beam sizes available by special order.
- See page 68 for stocked U hanger rough sizes tables.
- Also see LUS and HUS series.



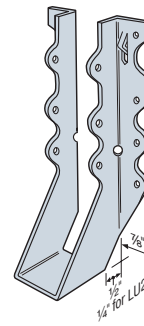
LUC210Z
(LUC26Z Similar)



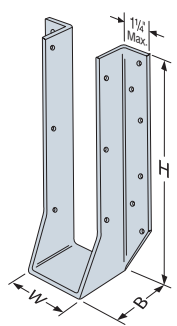
U210



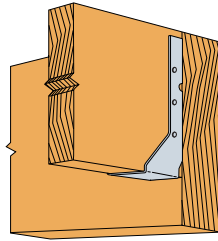
HUC412
Concealed
Flanges



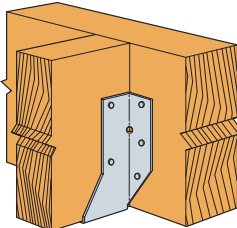
LU28
(except
LU Roughs)



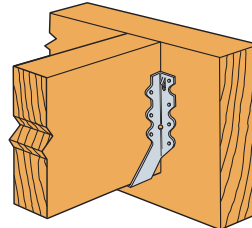
HU214
Projection seat
on most
models for
maximum
bearing and
section economy.



Typical LUCZ Installation

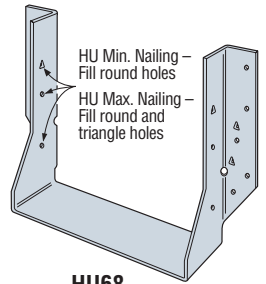


Typical HU Installation



Typical LU28 Installation

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



HU68

HU Min. Nailing – Fill round holes
HU Max. Nailing – Fill round and triangle holes

HUCQ Heavy Duty Joist Hangers

The HUCQ series are heavy duty joist hangers that incorporate Simpson Strong-Tie® Strong-Drive® wood screws (SDS). 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 page 83 for structural composite lumber hangers.

MATERIAL: 14 gauge

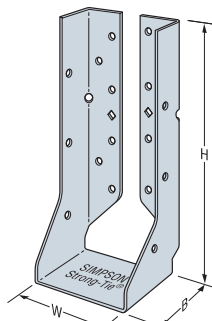
FINISH: Galvanized

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

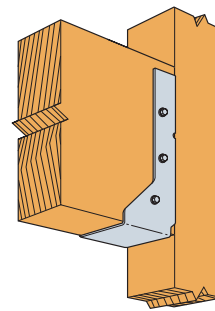
- Install Simpson Strong-Tie SDS ¼" x 2½" wood screws, which are provided, in all round holes. (Lag screws will not achieve the same load.)
- For use on solid sawn wood members.

OPTIONS: • These hangers cannot be modified.

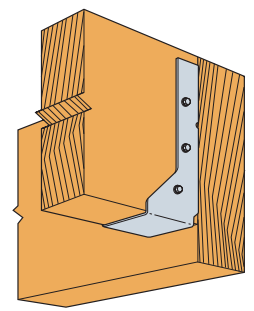
CODES: See page 12 for Code Reference Key Chart.



HUCQ410



Typical HUCQ Installation on a Post



Typical HUCQ Installation on a Beam

Model No.	Dimensions			Fasteners		Allowable Loads								Code Ref.
	W	H	B	Face	Joist	DF/SP				SPF/HF				
						Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
HUCQ310-SDS	2¾	9	3	8-SDS ¼"x2½"	4-SDS ¼"x2½"	1370	3120	3590	3900	985	2245	2585	2810	F23
HUCQ210-2-SDS	3¼	9	3	12-SDS ¼"x2½"	6-SDS ¼"x2½"	2510	4680	4955	4955	1805	3370	3570	3570	
HUCQ410-SDS	3¾	9	3	12-SDS ¼"x2½"	6-SDS ¼"x2½"	2510	4680	4955	4955	1805	3370	3570	3570	
HUCQ412-SDS	3¾	11	3	14-SDS ¼"x2½"	6-SDS ¼"x2½"	2510	5460	5560	5560	1805	3930	4005	4005	
HUCQ210-3-SDS	4¾	9	3	12-SDS ¼"x2½"	6-SDS ¼"x2½"	2510	4680	4955	4955	1805	3370	3570	3570	
HUCQ610-SDS	5½	9	3	12-SDS ¼"x2½"	6-SDS ¼"x2½"	2520	4680	5380	5715	1815	3370	3875	4115	
HUCQ612-SDS	5½	11	3	14-SDS ¼"x2½"	6-SDS ¼"x2½"	2520	5315	5315	5315	1815	3825	3825	3825	

1. Uplift loads have been increased 60% for wind or earthquake loading, with no further increase allowed.

2. See page 83 for additional engineered wood products sizes.

3. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. Values in the tables reflect installation into the wide face. See technical bulletin T-SCLC COLUMN for values on the narrow face (edge) (see page 191 for details).