

# FACE MOUNT HANGERS HUCQ/HUS/HHUS/HGUS

DOUBLE SHEAR  
SCL HANGERS

See Hanger tables on pages 72 to 76. See Hanger Options on page 158 for hanger modifications, which may result in reduced loads.

These hangers have the highest loads of any face mount hangers!

All hangers in this series have double shear nailing, **except the HUCQ**. 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, pages 72 to 76.

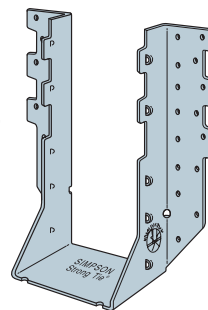
**FINISH:** Galvanized. Some products available in stainless steel or Z-MAX; see Corrosion-Resistance, page 5.

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

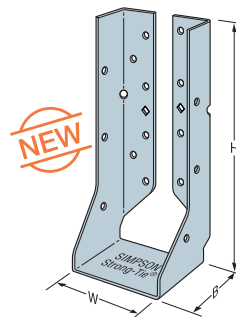
- Do not use double shear hangers with I-joists.
- Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.
- 16d sinkers (9 gauge x 3 1/4") may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (9 gauge x 3 1/4") may be used at 0.84 of the table load.
- With 3x carrying members, use 16d x 2 1/2" nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10d x 1 1/2" nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.
- Install HUCQs with SDS wood screws which are supplied with the hanger.

**OPTIONS:** • HUS hangers available with the header flanges turned in for 3 1/2" wide joist only, with no load reduction. See HUSC Concealed Flange illustration.

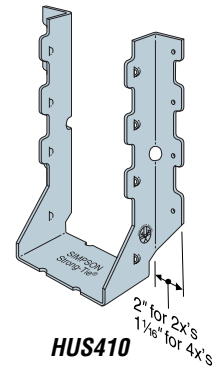
- Concealed flanges are not available for HGUS, HUS1.81/10 and HHUS.
- See Hanger Options, page 158, for sloped and/or skewed HHUS models.
- Other sizes available; consult your Simpson representative.



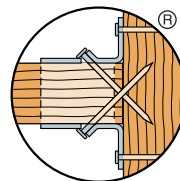
HHUS410



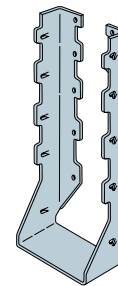
HUCQ



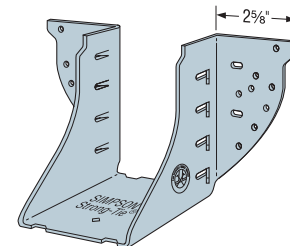
HUS410



Double Shear  
Nailing Top View



HUSC  
Concealed Flanges  
(not available for  
HHUS, HGUS  
and HUS1.81/10)

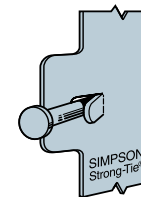


HGUS46

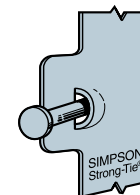
Model No.	Dimensions			Fasteners		Down Avg. Ult.	Allowable Loads (DF-LVL)				Code Ref.
	W	H	B	Face	Joist		(133/ 160)	Floor (100)	Snow (115)	Roof (125)	
HUCQ1.81/9-SDS1.75	1 13/16	9	3	8-SDS 1/4x1 3/4	4-SDS 1/4x1 3/4	10535	1505	2360	2715	2950	160
HUCQ1.81/11-SDS1.75	1 13/16	11	3	10-SDS 1/4x1 3/4	4-SDS 1/4x1 3/4	10965	1505	2950	3395	3510	
HUCQ410-SDS2.5	3 9/16	9	3	12-SDS 1/4x2 1/2	6-SDS 1/4x2 1/2	15290	3025	4955	4955	4955	
HUCQ412-SDS2.5	3 9/16	11	3	14-SDS 1/4x2 1/2	6-SDS 1/4x2 1/2	17195	3025	5560	5560	5560	
HUCQ610-SDS2.5	5 1/2	9	3	12-SDS 1/4x2 1/2	6-SDS 1/4x2 1/2	15290	3025	4955	4955	4955	
HUCQ612-SDS2.5	5 1/2	11	3	14-SDS 1/4x2 1/2	6-SDS 1/4x2 1/2	17195	3025	5560	5560	5560	



1. Uplift loads have been increased 33% for earthquake or wind loading, with no further increase allowed.
2. Download columns apply to either Douglas Fir-Larch/Southern Pine carrying members, or structural composite lumber carrying members that have fastener holding capacity of Douglas Fir.
3. When using structural composite lumber columns, screws must be applied to the wide face of the column.



Double Shear  
Nailing Side View  
Do not bend tab back



Dome Double Shear  
Nailing prevents tabs  
breaking off (available  
on some models)  
U.S. Patent 5,603,580