

**HU/HUC/HSUR/L Hangers**

HU and HUC products are heavy duty face mount joist hangers made from 14 gauge galvanized steel.

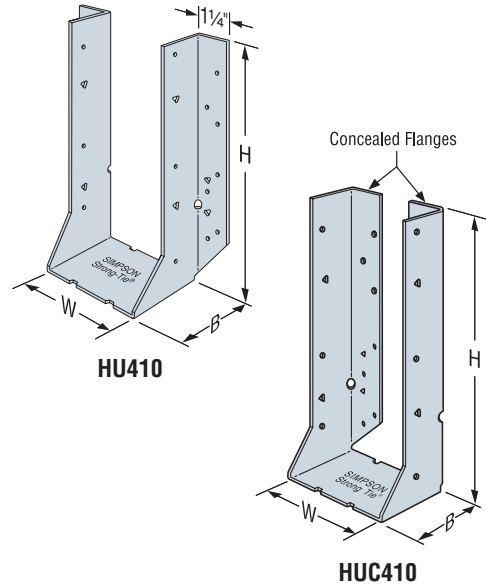
- The HUC is a concealed flange version of the HU. Concealed flange hangers have the header flanges turned in.
- HU is available with header flanges concealed, provided the W dimension is  $2\frac{5}{16}$ " or greater, at 100% of the table load. Specify HUC.
- HU is available with one header flange concealed when the W dimension is less than  $2\frac{5}{16}$ " at 100% of the table load.
- For allowable loads on HU products not listed in the table request technical bulletin T-HUHUCTTN (see page 191 for details).

**MATERIAL:** 14 gauge **FINISH:** Galvanized

**INSTALLATION:**

- These hangers are attached to grouted CMU walls using  $\frac{1}{4}$ "x $2\frac{3}{4}$ " hex head Titen® screws or for concrete walls using  $\frac{1}{4}$ "x $1\frac{3}{4}$ " hex head Titen screws. Titen screws are not provided.
- Drill the  $\frac{3}{16}$ " diameter hole to the specified embedment depth plus  $\frac{1}{2}$ ".
- Alternatively, drill the  $\frac{3}{16}$ " diameter hole to the specified embedment depth and blow it clean using compressed air.
- **Caution:** Oversized holes in the base material will reduce or eliminate the mechanical interlock of the threads with the base material and will reduce the anchor's load capacity.
- The hangers should be installed such that a minimum end and edge distance of  $1\frac{1}{2}$ " is maintained.
- Not recommended for exposed exterior applications.
- Provide moisture barrier between beam and wall per jurisdictional requirements.

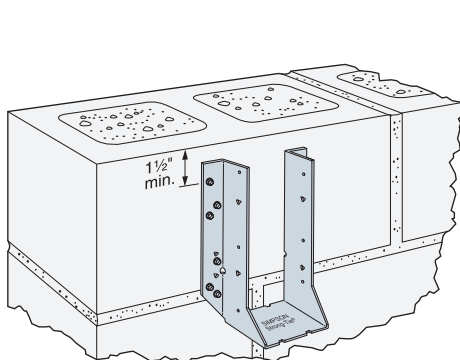
**CODES:** See page 12 for Code Reference Key Chart.



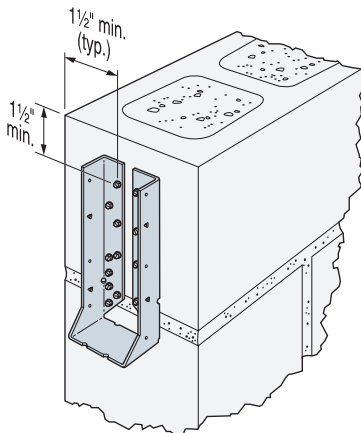
Masonry Connectors

Model No.	Dimensions			Fasteners			Allowable Loads (DF/SP)		Code Ref.
	W	H	B	CMU	Concrete	Joist	Uplift	Down	
							(160)	(100/115/125)	
HU26	$1\frac{9}{16}$	$3\frac{1}{16}$	$2\frac{1}{4}$	4- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	4- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	2-10dx $1\frac{1}{2}$	290	1545	170
HU28 <sup>3</sup>	$1\frac{9}{16}$	$5\frac{1}{4}$	$2\frac{1}{4}$	6- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	6- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	4-10dx $1\frac{1}{2}$	575	2400	
HU210	$1\frac{9}{16}$	$7\frac{1}{8}$	$2\frac{1}{4}$	8- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	8- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	4-10dx $1\frac{1}{2}$	575	2400	
HU46	$3\frac{9}{16}$	$5\frac{3}{16}$	$2\frac{1}{2}$	12- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	12- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	6-10d	1085	3950	
HU26-2	$3\frac{1}{8}$	$5\frac{9}{16}$	$2\frac{1}{2}$	12- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	12- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	6-10d	1085	3950	
HU48	$3\frac{9}{16}$	$6\frac{1}{16}$	$2\frac{1}{2}$	14- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	14- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	6-10d	1085	4350	
HU28-2	$3\frac{1}{8}$	7	$2\frac{1}{2}$	14- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	14- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	6-10d	1085	4350	
HU410	$3\frac{9}{16}$	$8\frac{5}{8}$	$2\frac{1}{2}$	18- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	18- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	10-10d	1810	5085	
HU210-2	$3\frac{1}{8}$	$8\frac{1}{16}$	$2\frac{1}{2}$	18- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	18- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	10-10d	1810	5085	
HSUR/L26-2	$3\frac{1}{8}$	$4\frac{1}{16}$	$2\frac{7}{16}$	12- $\frac{1}{4}$ x $2\frac{3}{4}$ Titen	12- $\frac{1}{4}$ x $1\frac{3}{4}$ Titen	4-16dx $2\frac{1}{2}$	815	2625 <sup>5</sup>	

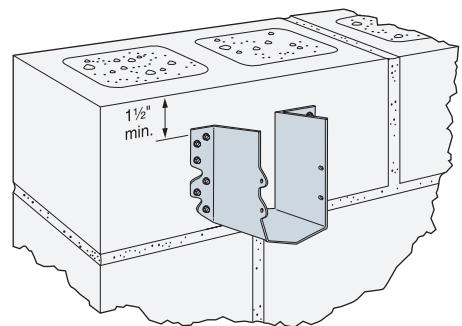
1. Uplift loads have been increased 60% for wind or earthquake loading with no further increase is allowed.
2. Minimum concrete strength  $f_c$  shall be 2500 psi. CMU shall have a minimum grout strength of 2500 psi with standard ASTM C90 units and type N or S mortar.
3. The HU28 can be ordered skewed 45° and achieve the same loads.
4. See page 139 for Titen screw information.
5. Noted loads for the HSUR/L shall be 0.8 the table loads for concrete applications.
6. Table allowable loads were determined using tested lowest ultimate/3 or fastener calculation values.
7. Products shall be installed such that the Titen screws are not exposed to the weather.
8. **NAILS:** 16dx $2\frac{1}{2}$  = 0.162" dia. x  $2\frac{1}{2}$ " long, 10d = 0.148" dia. x 3" long, 10dx $1\frac{1}{2}$  = 0.148" dia. x  $1\frac{1}{2}$ " long. See page 16-17 for other nail sizes and information.



**HU410 Installed on Masonry Block Sidewall**



**HUC410 Installed on Masonry Block End Wall**



**HSUR/L26-2 Installed on Masonry Block Sidewall**