

FACE MOUNT HANGERS U/HU/HUC/HUCQ I-Joist & Structural Composite Lumber Hangers

See Hanger tables on pages 84 to 88. See Hanger Options on pages 181-183 for hanger modifications, which may result in reduced loads.

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.

HUCQ—Features concealed flanges so it can be installed close to the end of the supporting beam or on a post. They install with Simpson Strong-Tie® Strong-Drive® screws (SDS) (supplied with the hanger) for high capacity and ease of installation.

MATERIAL: See tables on pages 84 to 88.

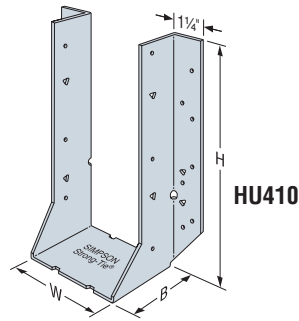
FINISH: Galvanized

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

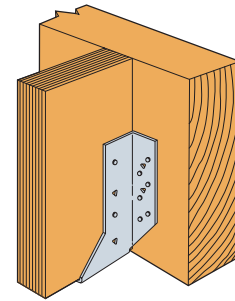
- HU/HUC—can be installed filling round holes only, or filling round and triangle holes for maximum values.
- HUCQ—When using structural composite lumber columns, the capacities shown in the tables are for fasteners applied to the wide face of the column. **See technical bulletin T-SCLCOLUMN for more information (see page 191 for details).**
- Web Stiffeners are required for all I-joists used with these hangers.
- For installation 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 84-88 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 2 $\frac{3}{4}$ " and larger widths, 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.
 - See also HUS series.

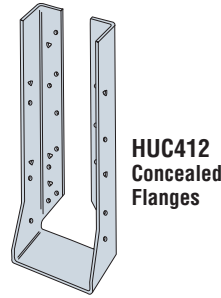
Model configurations may differ from those shown. Some HU models do not have triangle holes. Contact Simpson Strong-Tie for details.



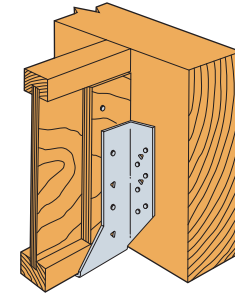
HU410



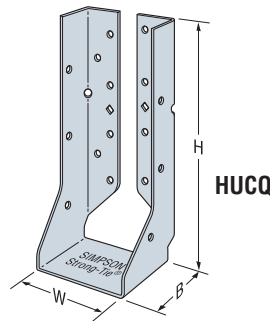
Typical HU7 Installation



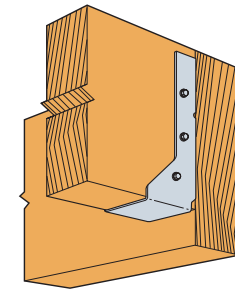
HUC412
Concealed
Flanges



Typical HU7 Installation



HUCQ



Typical HUCQ Installed on End of a Beam

Engineered Wood & Structural Composite Lumber Connectors

FACE MOUNT HANGERS HUS/HHUS/HGUS Double Shear SCL Hangers

See Hanger tables on pages 87-88. See Hanger Options on pages 180-181 for hanger modifications, which may result in reduced loads.

These hangers are designed for applications where higher loads are needed (also see HUC and HUCQ).

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)

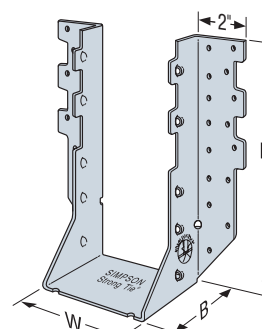
MATERIAL: See tables, pages 87-88.

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

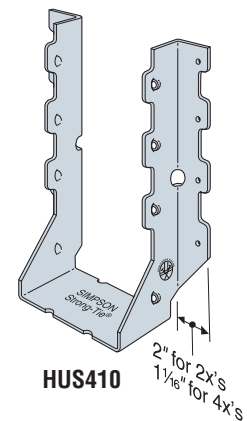
INSTALLATION • Use all specified fasteners. See General Notes.

- 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 (0.148" dia. x 3 $\frac{1}{4}$ " long) may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (0.148" dia. x 3 $\frac{1}{4}$ " long) may be used at 0.85 of the table load.
- With 3x carrying members, use 16dx2 $\frac{1}{2}$ " (Simpson Strong-Tie® N16) nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10dx1 $\frac{1}{2}$ " nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.

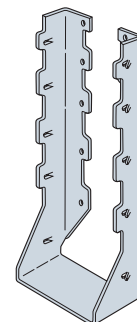
- OPTIONS:** • HUS hangers available with the header flanges turned in for 3 $\frac{1}{2}$ " wide joist only, with no load reduction. See HUSC Concealed Flange illustration.
- Concealed flanges are not available for HGUS, HUS1.81/10 and HHUS.
 - See Hanger Options, pages 181-183, for sloped and/or skewed HHUS and HGUS models.
 - Other sizes available; contact Simpson Strong-Tie for details.



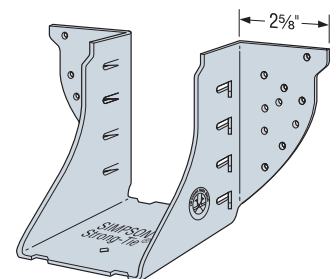
HHUS410



HUS410



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



HGUS46

FACE MOUNT HANGERS – I-JOISTS

Engineered Wood & Structural Composite Lumber Connectors

Actual Joist Size	Model No.	Web ⁶ Stiff Req'd	Ga	Dimensions				Min/Max	Fasteners		Allowable Loads						Code Ref.
				W	H	B	Face		Joist	DF/SP Species Header				SPF/HF Species Header			
										Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)	Roof (125)	
1½ x 9½	IUS1.56/9.5	—	18	1⅝	9½	2	—	8-10d	—	75	935	1075	1170	810	930	1010	19, L11, F8
	IUT29	—	18	1⅞	9	2	—	8-10dx1½	2-10dx1½	255	730	835	910	625	720	780	19, L5, F8
	MIU1.56/9	—	16	1⅞	8⅞	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	19, F3
1½ x 11¼ - 11⅝	IUS1.56/11.88	—	18	1⅝	11⅝	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	19, L11, F8
	IUT211	—	18	1⅞	11¼	2	—	10-10dx1½	2-10dx1½	255	910	1045	1140	780	895	975	19, L5, F8
	MIU1.56/11	—	16	1⅞	11¼	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	19, F3
1½ x 14	IUT214	—	18	1⅞	13¾	2	—	14-10dx1½	2-10dx1½	255	1275	1465	1590	1090	1255	1365	19, L5, F8
				1⅞	13¾	2	—	14-10d	2-10dx1½	255	1555	1785	1875	1345	1545	1680	
1¾ x 9½	IUS1.81/9.5	—	18	1⅞	9½	2	—	8-10d	—	75	935	1075	1170	810	930	1010	19, L11, F8
1¾ x 9¼ - 9½	IUT9	—	18	1⅞	9	2	—	8-10dx1½	2-10dx1½	255	730	835	910	625	720	780	19, L5, F8
	MIU1.81/9	—	16	1⅞	8⅞	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	19, F3
	IUS1.81/11.88	—	18	1⅞	11⅝	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	19, L11, F8
1¾ x 11⅝	IUT11	—	18	1⅞	11¼	2	—	10-10dx1½	2-10dx1½	255	910	1045	1140	780	895	975	19, L5, F8
	MIU1.81/11	—	16	1⅞	11¼	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	19, F3
				1⅞	11¼	2	—	10-10d	2-10dx1½	255	1110	1275	1390	960	1105	1200	
1¾ x 14	IUS1.81/14	—	18	1⅞	14	2	Min	12-10d	—	75	1405	1615	1755	1210	1395	1515	19, L11, F8
	IUT14	—	18	1⅞	14	2	Max	14-10d	—	75	1640	1885	1980	1415	1625	1770	
				1⅞	13¾	2	—	14-10dx1½	2-10dx1½	255	1275	1465	1590	1090	1255	1365	
1¾ x 16	MIU1.81/14	—	16	1⅞	13¾	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	19, F3
	IUS1.81/16	—	18	1⅞	16	2	Min	14-10d	—	75	1640	1885	1980	1415	1625	1770	19, L5, F8
	MIU1.81/16	—	16	1⅞	16	2	Max	16-10d	—	75	1870	1980	1980	1615	1860	1980	
1¾ x 18 - 20	MIU1.81/18	—	16	1⅞	17⅞	2½	—	26-16d	2-10dx1½	230	3690	4005	4005	3200	3680	4000	19, F3
2 x 9½	IUS2.06/9.5	—	18	2⅞	9½	2	—	8-10d	—	75	935	1075	1170	810	930	1010	19, F8
	IUT2.06/9	—	18	2⅞	9⅞	2	—	8-10d	2-10dx1½	255	890	1020	1110	770	885	960	19, L5, F8
2 x 11⅝	IUS2.06/11.88	—	18	2⅞	11⅝	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	19, L11, F8
	IUT2.06/11	—	18	2⅞	11⅞	2	—	10-10d	2-10dx1½	255	1110	1275	1390	960	1105	1200	19, L5, F8
2 x 14	IUS2.06/14	—	18	2⅞	14	2	Min	12-10d	—	75	1405	1615	1755	1210	1395	1515	19, L11, F8
				2⅞	14	2	Max	14-10d	—	75	1640	1885	1980	1415	1625	1770	
	IUT2.06/14	—	18	2⅞	13⅞	2	—	14-10d	2-10dx1½	255	1555	1785	1940	1345	1545	1680	
2 x 16	IUS2.06/16	—	18	2⅞	16	2	Min	14-10d	—	75	1640	1885	1980	1415	1625	1770	19, L11, F8
				2⅞	16	2	Max	16-10d	—	75	1870	1980	1980	1615	1860	1980	
2⅞ x 9½	IUS2.06/9.5	—	18	2⅞	9½	2	—	8-10d	—	75	935	1075	1170	810	930	1010	19, F8
	HU2.1/9	✓	14	2⅞	9	2½	—	14-16d	6-10dx1½	865	1875	2155	2345	1625	1870	2030	
2⅞ x 11⅝	IUS2.06/11.88	—	18	2⅞	11⅝	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	19, L11, F8
	HU2.1/11	✓	14	2⅞	11	2½	—	16-16d	6-10dx1½	865	2145	2465	2680	1855	2135	2320	19, F8
2⅞ x 14	IUS2.06/14	—	18	2⅞	14	2	—	12-10d	—	75	1405	1615	1755	1210	1395	1515	19, L11, F8
2⅞ x 16	IUS2.06/16	—	18	2⅞	16	2	—	14-10d	—	75	1640	1885	1980	1415	1625	1770	
2¼ x 9½ to 20		2¼" wide joists use the same hangers as 2⅞" wide joists with the following load adjustments to the table loads: IUS and IUT download is the lesser of the table load or 1400 lbs. IUS uplift is 55 lbs. MIU and U downloads are the lesser of the table load or 2140 lbs.															
2⅞ x 9½	IUS2.37/9.5	—	18	2⅞	9½	2	—	8-10d	—	75	935	1075	1170	810	930	1010	170
	IUT3510	—	18	2⅞	9	2	—	8-10dx1½	2-10dx1½	255	730	835	910	625	720	780	19, L5, F8
	MIU2.37/9	—	16	2⅞	9	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	
	U3510/14	✓	16	2⅞	9	2	—	14-16d	6-10dx1½	865	1860	2140	2330	1610	1850	2010	19, F8
	HU359/HUC359	✓	14	2⅞	8⅞	2½	Min	14-16d	6-10dx1½	865	1875	2155	2345	1625	1870	2030	
2⅞ x 11⅝	IUS2.37/11.88	—	18	2⅞	11⅝	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	19, L11, F8
	IUT3512	—	18	2⅞	11¼	2	—	10-10dx1½	2-10dx1½	255	910	1045	1140	780	895	975	19, L5, F8
	MIU2.37/11	—	16	2⅞	11¼	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	
	U3516/20	✓	16	2⅞	10⅞	2	—	16-16d	6-10dx1½	865	2130	2445	2660	1840	2115	2300	19, F8
	HU3511/HUC3511	✓	14	2⅞	11¼	2½	Min	16-16d	6-10dx1½	865	2145	2465	2680	1855	2135	2320	
2⅞ x 14	IUS2.37/14	—	18	2⅞	14	2	Min	12-10d	—	75	1405	1615	1755	1210	1395	1515	19, L11, F8
				2⅞	14	2	Max	14-10d	—	75	1640	1885	1980	1415	1625	1770	
	IUT3514	—	18	2⅞	13¾	2	—	14-10dx1½	2-10dx1½	255	1275	1465	1590	1090	1255	1365	19, L5, F8
				2⅞	13¾	2	—	14-10d	2-10dx1½	255	1555	1785	1940	1345	1545	1680	
	MIU2.37/14	—	16	2⅞	13½	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	19, F3
HU3514/HUC3514	—	14	2⅞	13½	2½	Min	18-16d	8-10dx1½	1150	2410	2775	3015	2090	2400	2610	19, F8	
			2⅞	13½	2½	Max	24-16d	12-10dx1½	1730	3215	3700	4020	2785	3200	3480		

See footnotes on opposite page.

CODES: See page 12 for Code Reference Key Chart.

FACE MOUNT HANGERS – I-JOISTS

Engineered Wood & Structural Composite Lumber Connectors

Actual Joist Size	Model No.	Web [®] Stiff Req'd	Ga	Dimensions			Min/Max	Fasteners		Allowable Loads							Code Ref.
				W	H	B		Face	Joist	DF/SP Species Header				SPF/HF Species Header			
										Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)	Roof (125)	
2 5/16 x 16	IUS2.37/16	—	18	2 7/16	16	2	Min	14-10d	—	75	1640	1885	1980	1415	1625	1770	I9, L11, F8
	IUT3516	—	18	2 7/16	16	2	Max	16-10d	—	75	1870	1980	1980	1615	1860	1980	
	MIU2.37/16	—	16	2 3/8	15 1/2	2 1/2	—	24-16d	2-10dx1 1/2	255	1775	1865	2165	1535	1765	1920	IL6
	HU3516/22/HUC3516/22	✓	14	2 3/8	14 1/4	2 1/2	—	20-16d	8-10dx1 1/2	1150	2680	3080	3350	2320	2670	2900	I9, F8
2 5/16 x 18	MIU2.37/18	—	16	2 3/8	17 1/2	2 1/2	—	26-16d	2-10dx1 1/2	230	3690	4005	4005	3200	3680	4000	I9, F3
	HU3524/30	✓	14	2 3/8	18	2 1/2	Min	18-16d	8-10dx1 1/2	1150	2410	2775	3015	2090	2400	2610	I9, F8
	HU3524/30	✓	14	2 3/8	18	2 1/2	Max	24-16d	14-10dx1 1/2	2015	3215	3700	4020	2785	3200	3480	
2 5/16 x 20	MIU2.37/20	—	16	2 3/8	19 1/2	2 1/2	—	28-16d	2-10dx1 1/2	230	3975	4005	4005	3445	3960	4005	I9, F3
2 5/16 x 22 - 30	MIU2.37/20	—	16	2 3/8	19 1/2	2 1/2	—	28-16d	2-10dx1 1/2	230	3975	4005	4005	3445	3960	4005	I9, F3
	HU3524/30	✓	14	2 3/8	18	2 1/2	Min	18-16d	8-10dx1 1/2	1150	2410	2775	3015	2090	2400	2610	
	HU3524/30	✓	14	2 3/8	18	2 1/2	Max	24-16d	14-10dx1 1/2	2015	3215	3700	4020	2785	3200	3480	
2 7/16 x 9 1/2 to 16	2 7/16" wide joists use the same hangers as 2 1/2" wide joists with the following load adjustments to the table loads: IUT/IUS download is same as table but not to exceed 1400 lbs. IUS uplift is 55 lbs. MIU download is same as table but not to exceed 2140 lbs.																
2 1/2 x 9 1/2	IUS2.56/9.5	—	18	2 5/8	9 1/2	2	—	8-10d	—	75	935	1070	1170	810	930	1010	I9, L11, F8
2 1/2 x 9 1/4 - 9 1/2	IUT310	—	18	2 5/8	9 1/8	2	—	8-10dx1 1/2	2-10dx1 1/2	255	730	835	910	625	720	780	I9, L5, F8
	MIU2.56/9	—	16	2 5/8	9 1/8	2	—	8-10d	2-10dx1 1/2	255	890	1020	1110	770	885	960	
	HU310/HUC310	✓	14	2 5/8	8 15/16	2 1/2	—	16-16d	2-10dx1 1/2	230	2270	2615	2840	1970	2265	2460	I9, F3
2 1/2 x 11 7/8	IUS2.56/11.88	—	18	2 5/8	11 7/8	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	I9, L11, F8
2 1/2 x 11 1/4 - 11 7/8	IUT312	—	18	2 5/8	11 1/4	2	—	10-10dx1 1/2	2-10dx1 1/2	255	910	1045	1140	780	895	975	I9, L5, F8
	MIU2.56/11	—	16	2 5/8	11 1/4	2	—	10-10d	2-10dx1 1/2	255	1110	1275	1390	960	1105	1200	
	HU312/HUC312	✓	14	2 5/8	11 1/8	2 1/2	—	20-16d	2-10dx1 1/2	230	2840	3265	3550	2460	2830	3075	I9, F3
2 1/2 x 13	IUT313	—	18	2 5/8	12 3/4	2	—	12-10d	2-10dx1 1/2	865	1330	1530	1665	1150	1325	1440	IL17, L5
2 1/2 x 14	IUS2.56/14	—	18	2 5/8	14	2	Min	12-10d	—	75	1405	1615	1755	1210	1395	1575	I9, L11, F8
	IUS2.56/14	—	18	2 5/8	14	2	Max	14-10d	—	75	1640	1885	1980	1415	1625	1770	
	IUT314	—	18	2 5/8	13 13/16	2	—	14-10dx1 1/2	2-10dx1 1/2	255	1275	1465	1590	1090	1255	1365	I9, L5, F8
	IUT314	—	18	2 5/8	13 13/16	2	—	14-10d	2-10dx1 1/2	255	1555	1785	1940	1345	1545	1680	
	MIU2.56/14	—	16	2 5/8	13 7/16	2 1/2	—	22-16d	2-10dx1 1/2	230	3125	3595	3905	2705	3110	3385	I9, F3
HU314/HUC314	✓	14	2 5/8	12 3/8	2 1/2	—	18-16d	8-10dx1 1/2	1150	2410	2775	3015	2090	2400	2610	I9, F8	
2 1/2 x 16	IUS2.56/16	—	18	2 5/8	16	2	Min	14-10d	—	75	1640	1885	1980	1415	1625	1770	I9, L11, F8
	IUS2.56/16	—	18	2 5/8	16	2	Max	16-10d	—	75	1870	1980	1980	1615	1860	1980	
	IUT316	—	18	2 5/8	15 3/4	2	—	16-10d	2-10dx1 1/2	255	1775	2040	2220	1535	1765	1920	IL6
	MIU2.56/16	—	16	2 5/8	15 1/16	2 1/2	—	24-16d	2-10dx1 1/2	230	3410	3920	4005	2950	3395	3690	I9, F3
	HU316/HUC316	✓	14	2 5/8	14 1/8	2 1/2	—	20-16d	8-10dx1 1/2	1150	2680	3080	3350	2320	2670	2900	I9, F8
2 1/2 x 18	MIU2.56/18	—	16	2 5/8	17 7/16	2 1/2	—	26-16d	2-10dx1 1/2	230	3690	4005	4005	3200	3680	4000	I9, F3
2 1/2 x 20	MIU2.56/20	—	16	2 5/8	19 1/16	2 1/2	—	28-16d	2-10dx1 1/2	230	3975	4005	4005	3445	3960	4005	
2 1/2 x 22 - 26	MIU2.56/20	✓	16	2 5/8	19 1/16	2 1/2	—	28-16d	2-10dx1 1/2	230	3975	4005	4005	3445	3960	4005	I9, F3
	MIU3.12/9	—	16	3 1/8	9 1/4	2 1/2	—	16-16d	2-10dx1 1/2	230	2270	2615	2840	1970	2265	2460	
3 x 9 1/4 - 9 1/2	HU210-2/HUC210-2	✓	14	3 1/8	8 13/16	2 1/2	Min	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I7, F6
	HU210-2/HUC210-2	✓	14	3 1/8	8 13/16	2 1/2	Max	18-16d	10-10d	1810	2410	2775	3015	2090	2400	2610	
	MIU3.12/11	—	16	3 1/8	11 1/8	2 1/2	—	20-16d	2-10dx1 1/2	230	2840	3265	3550	2460	2830	3075	I9, F3
3 x 11 1/4 - 11 7/8	HU212-2/HUC212-2	✓	14	3 1/8	10 9/16	2 1/2	Min	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	I7, F6
	HU212-2/HUC212-2	✓	14	3 1/8	10 9/16	2 1/2	Max	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190	
	MIU3.12/11	—	16	3 1/8	11 1/8	2 1/2	—	20-16d	2-10dx1 1/2	230	2840	3265	3550	2460	2830	3075	I9, F3
3 x 14 - 20	HU212-2/HUC212-2	✓	14	3 1/8	10 9/16	2 1/2	Min	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	I7, F6
	HU212-2/HUC212-2	✓	14	3 1/8	10 9/16	2 1/2	Max	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190	
	MIU3.12/11	—	16	3 1/8	11 1/8	2 1/2	—	20-16d	2-10dx1 1/2	230	2840	3265	3550	2460	2830	3075	
3 1/2 x 9 1/2	IUS3.56/9.5	—	18	3 5/8	9 1/2	2	—	10-10d	—	75	1170	1345	1465	1010	1160	1265	170
3 1/2 x 9 1/4 - 9 1/2	IUT410	—	18	3 5/8	9 1/4	2	—	8-10dx1 1/2	2-10dx1 1/2	255	730	835	910	625	720	780	I9, L5, F8
	MIU3.56/9	—	16	3 5/8	9 1/4	2	—	8-10d	2-10dx1 1/2	255	890	1020	1110	770	885	960	
3 1/2 x 11 7/8	IUS3.56/11.88	—	18	3 5/8	11 7/8	2	—	12-10d	—	75	1405	1615	1725	1210	1395	1515	I9, L11, F8
3 1/2 x 11 1/4 - 11 7/8	IUT412	—	18	3 5/8	11 1/4	2	—	10-10dx1 1/2	2-10dx1 1/2	255	910	1045	1140	780	895	975	I9, L5, F8
	MIU3.56/11	—	16	3 5/8	11 1/4	2 1/2	—	10-10d	2-10dx1 1/2	255	1110	1275	1390	960	1105	1200	
MIU3.56/11	—	16	3 5/8	11 1/8	2 1/2	—	20-16d	2-10dx1 1/2	230	2840	3265	3550	2460	2830	3075	I9, F3	

- 10d commons or 16d sinkers may be used instead of the specified 16d at 0.84 of the table load value.
- 16d sinkers may be used instead of the specified 10d commons with no load reduction.
- Uplift loads based on DF/SP lumber 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. For SPF/HF use 0.86 x DF/SP uplift load.
- MIN nailing quantity and load values—fill all round holes;

- MAX nailing quantity and load values—fill all round and triangle holes.
- Hangers sorted in order of recommended selection for best overall performance and installation value.
- Web stiffeners are required where noted in the table or when either the joist top flange isn't supported laterally by the hanger or when supporting double I-joists with flanges less than 1 5/16" thick.
- NAILS:** 16d = 0.162" dia. x 3 1/2" long, 10d = 0.148" dia. x 3" long, 10dx1 1/2 = 0.148" dia. x 1 1/2" long. See page 16-17 for other nail sizes and information.

CODES: See page 12 for Code Reference Key Chart.

FACE MOUNT HANGERS – I-JOISTS

Engineered Wood & Structural Composite Lumber Connectors

Actual Joist Size	Model No.	Web ⁶ Stiff Req'd	Ga	Dimensions				Min/Max	Fasteners		Allowable Loads						Code Ref.
				W	H	B	Face		Joist	DF/SP Species Header				SPF/HF Species Header			
										Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)	Roof (125)	
3½ x 14	IUS3.56/14	—	18	3⅝	14	2	Min	12-10d	—	75	1405	1615	1725	1210	1395	1515	I9, L11, F8
	3⅝			14	2	Max	14-10d	—	75	1640	1725	1725	1415	1625	1725		
	IUT414			3⅝	13¾	2	—	14-10dx1½	2-10dx1½	255	1275	1465	1590	1090	1255	1365	I9, L5, F8
	3⅝			13¾	2	—	14-10d	2-10dx1½	255	1555	1785	1940	1345	1545	1680		
MIU3.56/14	16	3⅝	13⅝	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	I9, F3		
3½ x 16	IUS3.56/16	—	18	3⅝	16	2	Min	14-10d	—	75	1640	1725	1725	1415	1625	1725	I9, L11, F8
	3⅝			16	2	Max	16-10d	—	75	1725	1725	1725	1615	1725	1725		
	IUT416			3⅝	15¾	2	—	16-10dx1½	2-10dx1½	255	1455	1675	1820	1250	1435	1560	IL6
	3⅝			15¾	2	—	16-10d	2-10dx1½	255	1775	2040	2165	1535	1765	1920		
MIU3.56/16	16	3⅝	15⅝	2½	—	24-16d	2-10dx1½	230	3410	3920	4005	2950	3395	3690			
3½ x 18	MIU3.56/18	—	16	3⅝	17⅝	2½	—	26-16d	2-10dx1½	230	3690	4005	4005	3200	3680	4000	
3½ x 20	MIU3.56/20	—	16	3⅝	19⅝	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	I9, F3
3½ x 22 - 30	MIU3.56/20	✓	16	3⅝	19⅝	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	
4 x 9½	MIU4.12/9	—	16	4⅞	9⅞	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	
	HU4.12/9/HUC4.12/9	✓	14	4⅞	8⅞	2½	Min	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I9, F8
	✓	14	4⅞	8⅞	2½	Max	18-16d	10-10d	1810	2410	2775	3015	2090	2400	2610		
4 x 11⅝ - 16	MIU4.12/11	—	16	4⅞	11⅞	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	I9, F3
	HU4.12/11/HUC4.12/11	✓	14	4⅞	10⅞	2½	Min	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	I9, F8
	✓	14	4⅞	10⅞	2½	Max	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190		
4 x 14	MIU4.12/14	—	16	4⅞	13⅞	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	
4 x 16	MIU4.12/16	—	16	4⅞	15⅞	2½	—	24-16d	2-10dx1½	230	3410	3920	4005	2950	3395	3690	I9, F3
4⅞ x 9½	MIU4.28/9	—	16	4⅞	9	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	
	HU4.28/9/HUC4.28/9	✓	14	4⅞	9	2½	—	18-16d	8-10d	1445	2410	2775	3015	2070	2400	2610	I9, F8
4⅞ x 11⅝	MIU4.28/11	—	16	4⅞	11⅞	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	I9, F3
	HU4.28/11/HUC4.28/11	✓	14	4⅞	11	2½	—	22-16d	8-10d	1445	2950	3390	3685	2550	2935	3190	170
4⅞ x 14	MIU4.28/14	—	16	4⅞	13⅞	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	I9, F3
4⅞ x 16	MIU4.28/16	—	16	4⅞	15⅞	2½	—	24-16d	2-10dx1½	230	3410	3920	4005	2950	3395	3690	
4½ x 9½ to 20 ¹⁰		4½" wide joists use the same hangers as 4" wide joists with the following loads adjustments: MIU and U downloads are the lesser of the table load or 2140 lbs.															
4⅞ x 9¼ - 9½	MIU4.75/9	—	16	4⅞	9⅞	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	I9, F3
	U3510-2	✓	16	4⅞	8¾	2	—	14-16d	6-10d	1065	1860	2140	2330	1610	1850	2010	I9, F8
	HU4.75/9/HUC4.75/9	✓	14	4⅞	9	2½	—	18-16d	8-10d	1445	2410	2775	3015	2070	2400	2610	
4⅞ x 11¼ - 11⅝	MIU4.75/11	—	16	4⅞	11⅞	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	I9, F3
	U3512-2	✓	16	4⅞	11¼	2	—	16-16d	6-10d	1065	2130	2445	2660	1840	2115	2300	I9, F8
	HU4.75/11/HUC4.75/11	✓	14	4⅞	11	2½	—	22-16d	8-10d	1445	2950	3390	3685	2550	2935	3190	
4⅞ x 14	MIU4.75/14	—	16	4⅞	13⅞	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	I9, F3
	HU3514-2/HUC3514-2	✓	14	4⅞	13¼	2½	—	18-16d	8-10d	1445	2410	2775	3015	2090	2400	2610	I9, F8
4⅞ x 16	MIU4.75/16	—	16	4⅞	15⅞	2½	—	24-16d	2-10dx1½	230	3410	3920	4005	2950	3395	3690	I9, F3
	HU3516-2/HUC3516-2	✓	14	4⅞	15¼	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I9, F8
4⅞ x 18	MIU4.75/18	—	16	4⅞	17⅞	2½	—	26-16d	2-10dx1½	230	3690	4005	4005	3200	3680	4000	
4⅞ x 20	MIU4.75/20	—	16	4⅞	19⅞	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	I9, F3
	HU3520-2	✓	14	4⅞	19¼	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I9, F8
	✓	14	4⅞	19¼	2½	Max	26-16d	12-10d	2170	3485	4005	4355	3015	3470	3770		
4⅞ x 22 - 30	MIU4.75/20	✓	14	4⅞	19½	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	I9, F3
	4⅞			19¼	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I9, F8	
	4⅞			19¼	2½	Max	26-16d	12-10d	2170	3485	4005	4355	3015	3470	3770		
5 x 9¼ - 9½	MIU5.12/9	—	16	5⅞	8⅞	2½	—	16-16d	2-10dx1½	230	2270	2615	2840	1970	2265	2460	I9, F3
	HU310-2/HUC310-2	✓	14	5⅞	8⅞	2½	—	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I9, F8
5 x 11¼ - 11⅝	MIU5.12/11	—	16	5⅞	11⅞	2½	—	20-16d	2-10dx1½	230	2840	3265	3550	2460	2830	3075	I9, F3
	HU312-2/HUC312-2	✓	14	5⅞	10⅞	2½	—	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	I9, F8
5 x 14	MIU5.12/14	—	16	5⅞	13⅞	2½	—	22-16d	2-10dx1½	230	3125	3595	3905	2705	3110	3385	
5 x 16	MIU5.12/16	—	16	5⅞	15⅞	2½	—	24-16d	2-10dx1½	230	3410	3920	4005	2950	3395	3690	
5 x 18	MIU5.12/18	—	16	5⅞	17⅞	2½	—	26-16d	2-10dx1½	230	3690	4005	4005	3200	3680	4000	I9, F3
5 x 20	MIU5.12/20	—	16	5⅞	19⅞	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	
5 x 22 - 30	MIU5.12/20	✓	16	5⅞	19⅞	2½	—	28-16d	2-10dx1½	230	3975	4005	4005	3445	3960	4005	
7 x 9¼ - 9½	HU410-2/HUC410-2	✓	14	7⅞	9⅞	2½	Min	14-16d	6-16d	1285	1875	2155	2345	1625	1870	2030	I9, F8
	✓	14	7⅞	9⅞	2½	Max	18-16d	8-16d	1715	2410	2775	3015	2090	2400	2610		
7 x 11¼ - 11⅝	HU412-2/HUC412-2	✓	14	7⅞	11⅞	2½	Min	16-16d	6-16d	1285	2145	2465	2680	1855	2135	2320	I9, F8
	✓	14	7⅞	11⅞	2½	Max	22-16d	8-16d	1715	2950	3390	3685	2550	2935	3190		
7 x 14	HU414-2/HUC414-2	✓	14	7⅞	13⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	✓	14	7⅞	13⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770		

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FACE MOUNT HANGERS – STRUCTURAL COMPOSITE LUMBER

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson for details.

CODES: See page 12 for Code Reference Key Chart.

Actual Joist Size	Model No.	Ga	Dimensions				Min/Max	Fasteners		Allowable Loads								Code Ref.
			W	H	B	Face		Joist	DF/SP Species Header				SPF/HF Species Header					
									Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)	Roof (125)			
1 3/4 x 5 1/2	HU1.81/5	14	1 13/16	5 3/8	2 1/2	Min	12-16d	4-10dx1 1/2	575	1610	1850	2010	1390	1600	1740	170		
			1 13/16	5 3/8	2 1/2	Max	16-16d	6-10dx1 1/2	865	2145	2465	2680	1855	2135	2320			
1 3/4 x 7 1/4	HU7	14	1 13/16	6 11/16	2 1/2	Min	12-16d	4-10dx1 1/2	575	1610	1850	2010	1390	1600	1740	I9, F8		
			1 13/16	6 11/16	2 1/2	Max	16-16d	8-10dx1 1/2	1150	2145	2465	2680	1855	2135	2320			
1 3/4 x 9 1/2	HUS1.81/10	16	1 13/16	8 7/8	3	—	30-16d	10-16d	3000	4900	5045	5145	4355	5010	5145	F23		
	HU9	14	1 13/16	9 5/16	2 1/2	Min	18-16d	6-10dx1 1/2	865	2410	2775	3015	2090	2400	2610	I9, F8		
	HUCQ1.81/9-SDS		1 13/16	9 5/16	2 1/2	Max	24-16d	10-10dx1 1/2	1440	3215	3700	4020	2785	3200	3480			
1 3/4 x 11 1/4 - 11 3/8	HUS1.81/10	16	1 13/16	8 7/8	3	—	30-16d	10-16d	3000	4900	5045	5145	4355	5010	5145	F23		
	HU11	14	1 13/16	11 1/16	2 1/2	Min	22-16d	6-10dx1 1/2	865	2950	3390	3685	2550	2935	3190	170		
	HUCQ1.81/11-SDS		1 13/16	11 1/16	2 1/2	Max	30-16d	10-10dx1 1/2	1440	4020	4315	4405	3480	4000	4350			
	HUCQ1.81/11-SDS	14	1 13/16	11	3	—	10-SDS 1/4"x1 3/4"	4-SDS 1/4"x1 3/4"	1505	2500	2875	3125	1800	2070	2250	F23		
1 3/4 x 14	HUS1.81/10	16	1 13/16	8 7/8	3	—	30-16d	10-16d	3000	4900	5045	5145	4355	5010	5145	F23		
	U14	14	1 13/16	10 3/4	2	—	14-16d	6-10dx1 1/2	865	1860	2140	2330	1610	1850	2010	I9, F8		
	HU14		1 13/16	13 11/16	2 1/2	Min	28-16d	8-10dx1 1/2	1150	3750	4110	4180	3250	3735	4060			
	HUCQ1.81/11-SDS	14	1 13/16	13 11/16	2 1/2	Max	36-16d	14-10dx1 1/2	2015	4540	4730	4855	4175	4730	4855	F23		
2 1/16 x 9 1/4 - 9 1/2	HU2.75/10/ HUC2.75/10	14	2 3/4	9	2 1/2	Min	14-16d	6-10dx1 1/2	865	1875	2155	2345	1625	1870	2030	I9, F8		
	HGUS2.75/10	12	2 3/4	8 15/16	4	—	46-16d	16-16d	3630	7940	8220	8410	5980	6195	6335		F23	
	HU2.75/12/ HUC2.75/12	14	2 3/4	10 3/4	2 1/2	Min	16-16d	6-10dx1 1/2	865	2145	2465	2680	1855	2135	2320	I9, F8		
HGUS2.75/12	12	2 3/4	10 3/4	2 1/2	Max	22-16d	10-10dx1 1/2	1440	2950	3390	3685	2550	2935	3190	F23			
2 1/16 x 14	HU2.75/14/ HUC2.75/14	14	2 3/4	13	2 1/2	Min	18-16d	8-10dx1 1/2	1150	2410	2775	3015	2090	2400	2610	I9, F8		
	HGUS2.75/14	12	2 3/4	12 15/16	4	—	66-16d	22-16d	5380	8645	9030	9285	6510	6800	6995		F23	
	HU2.75/16/ HUC2.75/16	14	2 3/4	14 1/16	2 1/2	Min	20-16d	8-10dx1 1/2	1150	2680	3080	3350	2320	2670	2900	I9, F8		
HGUS2.75/14	12	2 3/4	14 1/16	2 1/2	Max	26-16d	14-10dx1 1/2	2015	3485	4005	4355	3015	3470	3770	F23			
3 1/2 x 7 1/4	HU48/HUC48	14	3 9/16	6 13/16	2 1/2	Min	10-16d	4-10d	725	1340	1540	1675	1160	1335	1365	I7, F6		
	HGUS46	12	3 5/8	4 7/16	4	—	20-16d	8-16d	2325	3940	4535	4930	3410	3920	4260		IL14, F23	
	HHUS48	14	3 5/8	7 1/8	3	—	22-16d	8-16d	2000	3885	4465	4885	3275	3765	4095	I9, F8		
	HGUS48	12	3 5/8	7 1/8	4	—	36-16d	12-16d	3220	6805	7830	7925	5890	6655	6655		IL14, F23	
3 1/2 x 9 1/4 - 9 1/2	U410	16	3 9/16	8 3/8	2	—	14-16d	6-10d	1065	1860	2140	2330	1610	1850	2010	I9, F8		
	HUS410	14	3 9/16	8 15/16	2	—	8-16d	8-16d	2590	2010	2310	2510	1650	1900	2065			
	HU410/HUC410		3 9/16	8 3/8	2 1/2	Min	14-16d	6-10d	1085	1875	2155	2345	1625	1870	2030	I9, F8		
	HHUS410	3 9/16	8 3/8	2 1/2	Max	18-16d	10-10d	1810	2410	2775	3015	2090	2400	2610				
	HUCQ410-SDS	14	3 5/8	9	3	—	30-16d	10-16d	3430	5190	5900	5900	4385	5040	5480	F23		
	HGUS48	12	3 5/8	7 1/16	4	—	36-16d	12-16d	3220	6805	7830	7925	5890	6655	6655	IL14, F23		
	HGUS410		3 5/8	9 1/16	4	—	46-16d	16-16d	3630	8780	8940	8940	7365	7510	7510			
3 1/2 x 11 1/4 - 11 3/8	U410	16	3 9/16	8 3/8	2	—	14-16d	6-10d	1065	1860	2140	2330	1610	1850	2010	I9, F8		
	HUS412	14	3 9/16	10 1/2	2	—	10-16d	10-16d	3240	2510	2885	3140	2065	2375	2580			
	HU412/HUC412		3 9/16	10 5/16	2 1/2	Min	16-16d	6-10d	1085	2145	2465	2680	1855	2135	2320	I9, F8		
	HHUS410	3 9/16	10 5/16	2 1/2	Max	22-16d	10-10d	1810	2950	3390	3685	2550	2935	3190				
	HUCQ412-SDS	14	3 5/8	9	3	—	30-16d	10-16d	3430	5190	5900	5900	4385	5040	5480	F23		
	HGUS48	12	3 5/8	11	3	—	14-SDS 1/4"x2 1/2"	6-SDS 1/4"x2 1/2"	3155	5460	5560	5560	3930	4005	4005	IL14, F23		
	HGUS410		3 5/8	7 1/16	4	—	36-16d	12-16d	3220	6805	7830	7925	5890	6655	6655			
HGUS412	3 5/8		9 1/16	4	—	46-16d	16-16d	3630	8780	8940	8940	7365	7510	7510				
3 1/2 x 14	HU414	16	3 9/16	10	2	—	16-16d	6-10d	1065	2130	2445	2660	1840	2115	2300	I9, F8		
	HU416/HUC416	14	3 9/16	13 3/8	2 1/2	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900			
	HHUS410		3 9/16	13 3/8	2 1/2	Max	26-16d	12-10d	2015	3485	4005	4355	3015	3470	3770	IL14, F23		
	HGUS410	12	3 5/8	9	3	—	30-16d	10-16d	3430	5190	5900	5900	4385	5040	5480			
	HGUS414	12	3 5/8	9	4	—	46-16d	16-16d	3630	8780	8940	8940	7365	7510	7510			
	HUCQ412-SDS		14	3 9/16	12 7/16	4	—	66-16d	22-16d	5380	10015	10015	10015	7890	8185	8380	F23	
HUCQ412-SDS	14	3 9/16	11	3	—	14-SDS 1/4"x2 1/2"	6-SDS 1/4"x2 1/2"	3155	5460	5560	5560	3930	4005	4005	F23			

- 10d commons or 16d sinkers may be used instead of the specified 16d at 0.84 of the table load value.
- 16d sinkers may be used instead of the specified 10d commons with no load reduction.
- Uplift loads based on DF/SP lumber 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.

- For SPF/HF, use 0.86 x DF/SP Uplift Load for products requiring nails and 0.72 x DF/SP Uplift Load for products requiring screws.
- MIN nailing quantity and load values—fill all round holes;
- MAX nailing quantity and load values—fill all round and triangle holes.
- Hangers sorted in order of recommended selection for best overall performance and installation value.
- NAILS: 16d = 0.162" dia. x 3 1/2" long, 10d = 0.148" dia. x 3" long, 10dx1 1/2" = 0.148" dia. x 1 1/2" long. See page 16-17 for other nail sizes and information.

FACE MOUNT HANGERS – STRUCTURAL COMPOSITE LUMBER

Engineered Wood & Structural Composite Lumber Connectors

Actual Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners		Allowable Loads						Code Ref.	
			W	H	B		Face	Joist	DF/SP Species Header			SPF/HF Species Header				
									Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Floor (100)	Snow (115)		Roof (125)
3½ x 16	HU416/HUC416	14	3⅞	13⅝	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I9, F8
	HGUS410		3⅞	9	4	Max	26-16d	12-10d	2015	3485	4005	4355	3015	3470	3770	IL14, F23
	HGUS412	12	3⅞	10⅞	4	—	56-16d	20-16d	4055	9155	9155	9155	7690	7690	7690	F23
	HGUS414		3⅞	12⅞	4	—	66-16d	22-16d	5380	10015	10015	10015	7890	8185	8380	
	HUCQ412-SDS	14	3⅞	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3155	5315	5315	5315	3825	3825	3825	
3½ x 18	HU416/HUC416	14	3⅞	13⅝	2½	Min	20-16d	8-10d	1445	2680	3080	3350	2320	2670	2900	I9, F8
	HGUS412		3⅞	13⅝	2½	Max	26-16d	12-10d	2015	3485	4005	4050	3015	3470	3485	F23
	HGUS414	12	3⅞	10⅞	4	—	56-16d	20-16d	4055	9155	9155	9155	7690	7690	7690	
	HUCQ412-SDS		14	3⅞	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3155	5315	5315	5315	3825	3825	3825
	5¼ x 7¼	HU68/HUC68	14	5½	5⅞	2½	Min	10-16d	4-16d	860	1340	1540	1675	1160	1335	1450
HGUS412		5½		5⅞	2½	Max	14-16d	6-16d	1285	1875	2155	2345	1625	1870	2030	
5¼ x 9¼ - 9½	HU610/HUC610	14	5½	7⅝	2½	Min	14-16d	6-16d	1285	1875	2155	2345	1625	1870	2030	I9, F8
	HHUS5.50/10		5½	7⅝	2½	Max	18-16d	8-16d	1715	2410	2775	3015	2090	2400	2610	F23
	HUCQ610-SDS	12	5½	9	3	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS5.50/10		5½	9	3	—	12-SDS ¼"x2½"	6-SDS ¼"x2½"	3025	4680	5315	5315	3370	3825	3825	
	HGUS5.50/10	12	5½	8⅞	4	—	46-16d	16-16d	3630	8780	8940	8940	7510	7510	7510	
5¼ x 11¼ - 11⅞	HU612/HUC612	14	5½	9⅞	2½	Min	16-16d	6-16d	1285	2145	2465	2680	1855	2135	2320	I9, F8
	HHUS5.50/10		5½	9⅞	2½	Max	22-16d	8-16d	1715	2950	3390	3685	2550	2935	3190	F23
	HUCQ612-SDS	12	5½	9	3	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS5.50/12		5½	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3025	5315	5315	5315	3825	3825	3825	
	HGUS5.50/12	12	5½	10½	4	—	56-16d	20-16d	4055	9155	9155	9155	7690	7690	7690	
5¼ x 14	HU616/HUC616	14	5½	12⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS5.50/10		5½	12⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4255	3015	3470	3770	F23
	HUCQ612-SDS	12	5½	9	3	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS5.50/14		5½	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3025	5315	5315	5315	3825	3825	3825	
	HGUS5.50/14	12	5½	12½	4	—	66-16d	22-16d	5380	10015	10015	10015	8415	8415	8415	
5¼ x 16	HU616/HUC616	14	5½	12⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS5.50/10		5½	12⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	F23
	HUCQ612-SDS	12	5½	9	3	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS5.50/14		5½	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3025	5315	5315	5315	3825	3825	3825	
	HGUS5.50/14	12	5½	12½	4	—	66-16d	22-16d	5380	10015	10015	10015	8415	8415	8415	
5¼ x 18	HU616/HUC616	14	5½	12⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS5.50/10		5½	12⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4255	3015	3470	3770	F23
	HUCQ612-SDS	12	5½	9	3	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS5.50/14		5½	11	3	—	14-SDS ¼"x2½"	6-SDS ¼"x2½"	3025	5315	5315	5315	3825	3825	3825	
	HGUS5.50/14	12	5½	12½	4	—	66-16d	22-16d	5380	10015	10015	10015	8415	8415	8415	
7 x 9¼ - 9½	HU410-2/ HUC410-2	14	7⅞	9⅞	2½	Min	14-16d	6-16d	1285	1875	2155	2345	1625	1870	2030	I9, F8
	HHUS7.25/10		7⅞	9⅞	2½	Max	18-16d	8-16d	1715	2410	2775	3015	2090	2400	2610	F23
	HGUS7.25/10	12	7¼	9	3⅞	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS7.25/10		7¼	8⅞	4	—	46-16d	16-16d	3630	8780	9625	9625	7595	8085	8085	
	HGUS7.25/10	12	7¼	10⅞	4	—	56-16d	20-16d	4055	9835	9835	9835	8260	8260	8260	
7 x 11¼ - 11⅞	HU412-2/ HUC412-2	14	7⅞	11⅞	2½	Min	16-16d	6-16d	1285	2145	2465	2680	1855	2135	2320	I9, F8
	HHUS7.25/10		7⅞	11⅞	2½	Max	22-16d	8-16d	1715	2950	3390	3685	2550	2935	3190	F23
	HGUS7.25/10	12	7¼	9	3⅞	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS7.25/12		7¼	10⅞	4	—	56-16d	20-16d	4055	9835	9835	9835	8260	8260	8260	
	HGUS7.25/12	12	7¼	10⅞	4	—	56-16d	20-16d	4055	9835	9835	9835	8260	8260	8260	
7 x 14	HU414-2/ HUC414-2	14	7⅞	13⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS7.25/10		7⅞	13⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	F23
	HGUS7.25/14	12	7¼	9	3⅞	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS7.25/14		7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	
	HGUS7.25/14	12	7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	
7 x 16	HU414-2/ HUC414-2	14	7⅞	13⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS7.25/10		7⅞	13⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	F23
	HGUS7.25/14	12	7¼	9	3⅞	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS7.25/14		7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	
	HGUS7.25/14	12	7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	
7 x 18	HU414-2/ HUC414-2	14	7⅞	13⅞	2½	Min	20-16d	8-16d	1715	2680	3080	3350	2320	2670	2900	I9, F8
	HHUS7.25/10		7⅞	13⅞	2½	Max	26-16d	12-16d	2575	3485	4005	4355	3015	3470	3770	F23
	HGUS7.25/14	12	7¼	9	3⅞	—	30-16d	10-16d	3430	5190	5970	6490	4385	5040	5480	
	HGUS7.25/14		7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	
	HGUS7.25/14	12	7¼	12⅞	4	—	66-16d	22-16d	5380	11110	11110	11110	9330	9330	9330	

- 10d commons or 16d sinkers may be used instead of the specified 16d at 0.84 of the table load value.
- 16d sinkers may be used instead of the specified 10d commons with no load reduction.
- Uplift loads based on DF/SP lumber 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. For SPF/HF, use 0.86 x DF/SP Uplift Load for products requiring nails and 0.72 x DF/SP Uplift Load for products requiring screws.
- MIN nailing quantity and load values—fill all round holes; MAX nailing quantity and load values—fill all round and triangle holes.
- Hangers sorted in order of recommended selection for best overall performance and installation value.
- 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.

CODES: See page 12 for Code Reference Key Chart.