

FACE MOUNT HANGERS – SOLID SAWN LUMBER (SPF/HF)

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

Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners			SPF/HF Allowable Loads						
			W	H	B		Header		Joist	Uplift	Floor (100)		Snow (115)		Roof (125)	
							10d	16d		(160)	10d	16d	10d	16d	10d	16d
SAWN LUMBER SIZES																
2x4	LU24	20	1 ⁹ / ₁₆	3 ¹ / ₂	1 ¹ / ₂	—	4-10d	4-16d	2-10dx1 ¹ / ₂	255	385	460	440	530	480	575
	LUS24	18	1 ⁹ / ₁₆	3 ¹ / ₂	1 ³ / ₄	—	4-10d	—	2-10d	465	540	—	625	—	675	—
	U24	16	1 ⁹ / ₁₆	3 ¹ / ₂	1 ¹ / ₂	—	4-10d	4-16d	2-10dx1 ¹ / ₂	250	385	460	440	530	480	575
	HU26	14	1 ⁹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₄	—	—	4-16d	2-10dx1 ¹ / ₂	250	—	465	—	535	—	580
DBL 2x4	LUS24-2	18	3 ¹ / ₈	3 ¹ / ₈	2	—	—	4-16d	2-16d	440	—	640	—	735	—	800
	U24-2	16	3 ¹ / ₈	3	2	—	4-10d	4-16d	2-10d	305	385	460	440	530	480	575
	HU24-2	14	3 ¹ / ₈	3 ¹ / ₁₆	2 ¹ / ₂	—	—	4-16d	2-10d	315	—	465	—	535	—	580
2x6	LUS26	18	1 ⁹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	4-10d	—	4-10d	935	700	—	805	—	875	—
	LU26	20	1 ⁹ / ₁₆	4 ³ / ₄	1 ¹ / ₂	—	6-10d	6-16d	4-10dx1 ¹ / ₂	505	575	690	660	795	720	860
	U26	16	1 ⁹ / ₁₆	4 ³ / ₄	2	—	6-10d	6-16d	4-10dx1 ¹ / ₂	500	575	690	660	795	720	860
	LUC26Z	18	1 ⁹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	6-10d	6-16d	4-10dx1 ¹ / ₂	630	610	725	695	825	750	895
	HU26	14	1 ⁹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₄	—	—	4-16d	2-10dx1 ¹ / ₂	250	—	465	—	535	—	580
	HUS26	16	1 ⁵ / ₈	5 ¹ / ₈	3	—	—	14-16d	6-16d	1550	—	2155	—	2475	—	2540
DBL 2x6	LUS26-2	18	3 ¹ / ₈	4 ⁷ / ₈	2	—	—	4-16d	4-16d	1115	—	820	—	945	—	1025
	U26-2	16	3 ¹ / ₈	5	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
	HUS26-2	14	3 ¹ / ₈	5 ³ / ₁₆	2	—	—	4-16d	4-16d	1055	—	825	—	950	—	1030
	HU26-2/HUC26-2	14	3 ¹ / ₈	5 ³ / ₁₆	2 ¹ / ₂	Min	—	8-16d	4-10d	625	—	930	—	1065	—	1160
14		3 ¹ / ₈	5 ³ / ₁₆	2 ¹ / ₂	Max	—	12-16d	6-10d	940	—	1390	—	1600	—	1740	
TPL 2x6	LUS26-3	18	4 ⁵ / ₈	4 ¹ / ₈	2	—	—	4-16d	4-16d	1115	—	820	—	945	—	1025
	U26-3	16	4 ⁵ / ₈	4 ¹ / ₄	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
	HU26-3/HUC26-3	14	4 ¹ / ₁₆	5 ¹ / ₂	2 ¹ / ₂	Min	—	8-16d	4-10d	625	—	930	—	1065	—	1160
		14	4 ¹ / ₁₆	5 ¹ / ₂	2 ¹ / ₂	Max	—	12-16d	6-10d	940	—	1390	—	1600	—	1740
2x8	LUS26	18	1 ⁹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	4-10d	—	4-10d	935	700	—	805	—	875	—
	LU26	20	1 ⁹ / ₁₆	4 ³ / ₄	1 ¹ / ₂	—	6-10d	6-16d	4-10dx1 ¹ / ₂	505	575	690	660	795	720	860
	LUS28	18	1 ⁹ / ₁₆	6 ⁵ / ₈	1 ³ / ₄	—	6-10d	—	4-10d	935	890	—	1025	—	1115	—
	LU28	20	1 ⁹ / ₁₆	6 ⁵ / ₈	1 ¹ / ₂	—	8-10d	8-16d	6-10dx1 ¹ / ₂	760	770	920	885	1060	960	1150
	U26	16	1 ⁹ / ₁₆	4 ³ / ₄	2	—	6-10d	6-16d	4-10dx1 ¹ / ₂	500	575	690	660	795	720	860
	LUC26Z	18	1 ⁹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	6-10d	6-16d	4-10dx1 ¹ / ₂	630	610	725	695	825	750	895
	HU28	14	1 ⁹ / ₁₆	5 ¹ / ₄	2 ¹ / ₄	—	—	6-16d	4-10dx1 ¹ / ₂	500	—	695	—	800	—	870
	HUS26	16	1 ⁵ / ₈	5 ¹ / ₈	3	—	—	14-16d	6-16d	1550	—	2155	—	2475	—	2540
	HUS28	16	1 ⁵ / ₈	7	3	—	—	22-16d	8-16d	2000	—	2580	—	2680	—	2745
	DBL 2x8	LUS26-2	18	3 ¹ / ₈	4 ⁷ / ₈	2	—	—	4-16d	4-16d	1115	—	820	—	945	—
LUS28-2		18	3 ¹ / ₈	7	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
U26-2		16	3 ¹ / ₈	5	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
HUS28-2		14	3 ¹ / ₈	7 ³ / ₁₆	2	—	—	6-16d	6-16d	1550	—	1240	—	1425	—	1550
HU28-2/HUC28-2		14	3 ¹ / ₈	7	2 ¹ / ₂	Min	—	10-16d	4-10d	625	—	1160	—	1335	—	1450
		14	3 ¹ / ₈	7	2 ¹ / ₂	Max	—	14-16d	6-10d	940	—	1625	—	1870	—	2030
TPL 2x8	LUS28-3	18	4 ⁵ / ₈	6 ¹ / ₄	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	U26-3	16	4 ⁵ / ₈	4 ¹ / ₄	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
	HU26-3/HUC26-3	14	4 ¹ / ₁₆	5 ¹ / ₂	2 ¹ / ₂	Min	—	8-16d	4-10d	625	—	930	—	1065	—	1160
		14	4 ¹ / ₁₆	5 ¹ / ₂	2 ¹ / ₂	Max	—	12-16d	6-10d	940	—	1390	—	1600	—	1740
NEW QUAD 2x8	HU28-4	14	6 ¹ / ₈	6 ⁵ / ₈	2 ¹ / ₂	Min	—	10-16d	4-16d	860	—	1160	—	1335	—	1450
		14	6 ¹ / ₈	6 ⁵ / ₈	2 ¹ / ₂	Max	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
2x10	LUS28	18	1 ⁹ / ₁₆	6 ⁵ / ₈	1 ³ / ₄	—	6-10d	—	4-10d	935	890	—	1025	—	1115	—
	LU28	20	1 ⁹ / ₁₆	6 ⁵ / ₈	1 ¹ / ₂	—	8-10d	8-16d	6-10dx1 ¹ / ₂	760	770	920	885	1060	960	1150
	LUS210	18	1 ⁹ / ₁₆	7 ¹ / ₁₆	1 ³ / ₄	—	8-10d	—	4-10d	935	1085	—	1245	—	1355	—
	LU210	20	1 ⁹ / ₁₆	7 ¹ / ₁₆	1 ¹ / ₂	—	10-10d	10-16d	6-10dx1 ¹ / ₂	760	960	1150	1105	1320	1200	1440
	U210	16	1 ⁹ / ₁₆	7 ¹ / ₁₆	2	—	10-10d	10-16d	6-10dx1 ¹ / ₂	750	960	1150	1105	1320	1200	1440
	LUC210Z	18	1 ⁹ / ₁₆	7 ³ / ₄	1 ³ / ₄	—	10-10d	10-16d	6-10dx1 ¹ / ₂	945	1020	1210	1160	1380	1250	1490
	HU210	14	1 ⁹ / ₁₆	7 ¹ / ₈	2 ¹ / ₄	—	—	8-16d	4-10dx1 ¹ / ₂	500	—	930	—	1065	—	1160
	HUS210	16	1 ⁵ / ₈	9	3	—	—	30-16d	10-16d	2780	—	2745	—	2870	—	2955
DBL 2x10	LUS28-2	18	3 ¹ / ₈	7	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	LUS210-2	18	3 ¹ / ₈	9	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	U210-2	16	3 ¹ / ₈	8 ¹ / ₂	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	HUS210-2	14	3 ¹ / ₈	9 ³ / ₁₆	2	—	—	8-16d	8-16d	2105	—	1650	—	1900	—	2065
	HU210-2/HUC210-2	14	3 ¹ / ₈	8 ¹³ / ₁₆	2 ¹ / ₂	Min	—	14-16d	6-10d	940	—	1625	—	1870	—	2030
		14	3 ¹ / ₈	8 ¹³ / ₁₆	2 ¹ / ₂	Max	—	18-16d	10-10d	1570	—	2090	—	2400	—	2610
HHUS210-2	14	3 ⁵ / ₁₆	8 ⁷ / ₈	3	—	—	30-16d	10-16d	2940	—	4475	—	5145	—	5145	
TPL 2x10	LUS28-3	18	4 ⁵ / ₈	6 ¹ / ₄	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	LUS210-3	18	4 ⁵ / ₈	8 ³ / ₁₆	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	U210-3	16	4 ⁵ / ₈	7 ³ / ₄	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	HU210-3/HUC210-3	14	4 ¹ / ₁₆	8 ⁹ / ₁₆	2 ¹ / ₂	Min	—	14-16d	6-10d	940	—	1625	—	1870	—	2030
		14	4 ¹ / ₁₆	8 ⁹ / ₁₆	2 ¹ / ₂	Max	—	18-16d	10-10d	1570	—	2090	—	2400	—	2610
	HHUS210-3	14	4 ¹ / ₁₆	9	3	—	—	30-16d	10-16d	2940	—	4475	—	5145	—	5145
NEW QUAD 2x10	HU210-4	14	6 ¹ / ₈	8 ³ / ₈	2 ¹ / ₂	Min	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
		14	6 ¹ / ₈	8												

FACE MOUNT HANGERS – SOLID SAWN LUMBER (SPF/HF)

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Solid Sawn Lumber Connectors

Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners			SPF/HF Allowable Loads						
			W	H	B		Header		Joist	Uplift	Floor (100)		Snow (115)		Roof (125)	
							10d	16d		(160)	10d	16d	10d	16d	10d	16d
SAWN LUMBER SIZES																
2x12	LUS210	18	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	8-10d	—	4-10d	935	1085	—	1245	—	1355	—
	LU210	20	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ¹ / ₂	—	10-10d	10-16d	6-10dx1 ¹ / ₂	760	960	1150	1105	1320	1200	1440
	U210	16	1 ⁹ / ₁₆	7 ¹³ / ₁₆	2	—	10-10d	10-16d	6-10dx1 ¹ / ₂	750	960	1150	1105	1320	1200	1440
	LUC210Z	18	1 ⁹ / ₁₆	7 ³ / ₄	1 ³ / ₄	—	10-10d	10-16d	6-10dx1 ¹ / ₂	945	1020	1210	1160	1380	1250	1490
	HU212	14	1 ⁹ / ₁₆	9	2 ¹ / ₄	—	—	10-16d	6-10dx1 ¹ / ₂	750	—	1160	—	1335	—	1440
	HUS210	16	1 ⁵ / ₈	9	3	—	—	30-16d	10-16d	2780	—	2745	—	2870	—	2955
DBL 2x12	LUS210-2	18	3 ¹ / ₈	9	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	U210-2	16	3 ¹ / ₈	8 ¹ / ₂	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	LUS214-2	18	3 ¹ / ₈	10 ¹⁵ / ₁₆	2	—	—	10-16d	6-16d	1670	—	1695	—	1945	—	2115
	HUS210-2	14	3 ¹ / ₈	9 ⁹ / ₁₆	2	—	—	8-16d	8-16d	2105	—	1650	—	1900	—	2065
	HUS212-2	14	3 ¹ / ₈	10 ³ / ₄	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
	HU212-2/HUC212-2	14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Min	—	16-16d	6-10d	940	—	1855	—	2135	—	2320
		14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Max	—	22-16d	10-10d	1570	—	2550	—	2935	—	3190
TPL 2x12	LUS210-3	18	4 ⁵ / ₈	8 ⁹ / ₁₆	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	HU212-3/HUC212-3	14	4 ¹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Min	—	16-16d	6-10d	940	—	1855	—	2135	—	2320
		14	4 ¹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Max	—	22-16d	10-10d	1570	—	2550	—	2935	—	3190
	U210-3	16	4 ⁵ / ₈	7 ³ / ₄	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
2x14	LUS210	18	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	8-10d	—	4-10d	935	1085	—	1245	—	1355	—
	LU210	20	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	10-10d	10-16d	6-10dx1 ¹ / ₂	760	960	1150	1105	1320	1200	1440
	U210	16	1 ⁹ / ₁₆	7 ¹³ / ₁₆	2	—	10-10d	10-16d	6-10dx1 ¹ / ₂	750	960	1150	1105	1320	1200	1440
	HU214	14	1 ⁹ / ₁₆	10 ¹ / ₈	2 ¹ / ₄	—	—	12-16d	6-10dx1 ¹ / ₂	750	—	1390	—	1600	—	1740
	U214	16	1 ⁹ / ₁₆	10	2	—	12-10d	12-16d	8-10dx1 ¹ / ₂	1000	1150	1380	1325	1585	1440	1725
DBL 2x14	U210-2	16	3 ¹ / ₈	8 ¹ / ₂	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	LUS214-2	18	3 ¹ / ₈	10 ¹⁵ / ₁₆	2	—	—	10-16d	6-16d	1670	—	1695	—	1945	—	2115
	HUS212-2	14	3 ¹ / ₈	10 ³ / ₄	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
	HU212-2/HUC212-2	14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Min	—	16-16d	6-10d	940	—	1855	—	2135	—	2320
		14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Max	—	22-16d	10-10d	1570	—	2550	—	2935	—	3190
	HU214-2/HUC214-2	14	3 ¹ / ₈	12 ¹³ / ₁₆	2 ¹ / ₂	Min	—	18-16d	8-10d	1255	—	2090	—	2400	—	2610
		14	3 ¹ / ₈	12 ¹³ / ₁₆	2 ¹ / ₂	Max	—	24-16d	12-10d	1880	—	2785	—	3200	—	3480
TPL 2x14	U210-3	16	4 ⁵ / ₈	7 ³ / ₄	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	HU214-3/HUC214-3	14	4 ¹ / ₁₆	12 ¹ / ₁₆	2 ¹ / ₂	Min	—	18-16d	8-10d	1255	—	2090	—	2400	—	2610
		14	4 ¹ / ₁₆	12 ¹ / ₁₆	2 ¹ / ₂	Max	—	24-16d	12-10d	1880	—	2785	—	3200	—	3480
2x16	U214	16	1 ⁹ / ₁₆	10	2	—	12-10d	12-16d	8-10dx1 ¹ / ₂	1000	1150	1380	1325	1585	1440	1725
	HU214	14	1 ⁹ / ₁₆	10 ¹ / ₈	2 ¹ / ₄	—	—	12-16d	6-10dx1 ¹ / ₂	750	—	1390	—	1600	—	1740
	HU216	14	1 ⁹ / ₁₆	12 ¹⁵ / ₁₆	2 ¹ / ₄	—	—	18-16d	8-10dx1 ¹ / ₂	1000	—	2090	—	2400	—	2610
DBL 2x16	HUS212-2	14	3 ¹ / ₈	10 ³ / ₄	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
	HU216-2/HUC216-2	14	3 ¹ / ₈	13 ⁷ / ₈	2 ¹ / ₂	Min	—	20-16d	8-10d	1255	—	2320	—	2670	—	2900
		14	3 ¹ / ₈	13 ⁷ / ₈	2 ¹ / ₂	Max	—	26-16d	12-10d	1880	—	3015	—	3470	—	3770
TPL 2x16	HU216-3/HUC216-3	14	4 ¹ / ₁₆	13 ⁷ / ₈	2 ¹ / ₂	Min	—	20-16d	8-10d	1255	—	2320	—	2670	—	2900
		14	4 ¹ / ₁₆	13 ⁷ / ₈	2 ¹ / ₂	Max	—	26-16d	12-10d	1880	—	3015	—	3470	—	3770
3x4	U34	16	2 ⁹ / ₁₆	3 ³ / ₈	2	—	4-10d	4-16d	2-10dx1 ¹ / ₂	250	385	460	440	530	480	575
	HU34	14	2 ⁹ / ₁₆	3 ³ / ₈	2 ¹ / ₂	—	—	4-16d	2-10dx1 ¹ / ₂	250	—	465	—	535	—	580
3x6	U36	16	2 ⁹ / ₁₆	5 ³ / ₈	2	—	8-10d	8-16d	4-10dx1 ¹ / ₂	500	770	920	885	1060	960	1150
	LUS36	18	2 ⁹ / ₁₆	5 ¹ / ₄	2	—	—	4-16d	4-16d	1115	—	820	—	945	—	1025
	HU36	14	2 ⁹ / ₁₆	5 ³ / ₈	2 ¹ / ₂	—	—	8-16d	4-10dx1 ¹ / ₂	500	—	930	—	1065	—	1160
3x8	U36	16	2 ⁹ / ₁₆	5 ³ / ₈	2	—	8-10d	8-16d	4-10dx1 ¹ / ₂	500	770	920	885	1060	960	1150
	HU38	14	2 ⁹ / ₁₆	7 ¹ / ₈	2 ¹ / ₂	—	—	10-16d	4-10dx1 ¹ / ₂	500	—	1160	—	1335	—	1450
3x10	U310	16	2 ⁹ / ₁₆	8 ⁷ / ₈	2	—	14-10d	14-16d	6-10dx1 ¹ / ₂	750	1345	1610	1545	1850	1680	2010
	LUS310	18	2 ⁹ / ₁₆	7 ¹ / ₄	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	HU310	14	2 ⁹ / ₁₆	8 ⁷ / ₈	2 ¹ / ₂	—	—	14-16d	6-10dx1 ¹ / ₂	750	—	1625	—	1870	—	2030
3x12	U310	16	2 ⁹ / ₁₆	8 ⁷ / ₈	2	—	14-10d	14-16d	6-10dx1 ¹ / ₂	750	1345	1610	1545	1850	1680	2010
	HU312	14	2 ⁹ / ₁₆	10 ⁵ / ₈	2 ¹ / ₂	—	—	16-16d	6-10dx1 ¹ / ₂	750	—	1855	—	2135	—	2320
3x14	U314	16	2 ⁹ / ₁₆	10 ¹ / ₂	2	—	16-10d	16-16d	6-10dx1 ¹ / ₂	750	1535	1840	1765	2115	1920	2300
	HU314	14	2 ⁹ / ₁₆	12 ³ / ₈	2 ¹ / ₂	—	—	18-16d	8-10dx1 ¹ / ₂	1000	—	2090	—	2400	—	2610
3x16	U314	16	2 ⁹ / ₁₆	10 ¹ / ₂	2	—	16-10d	16-16d	6-10dx1 ¹ / ₂	750	1535	1840	1765	2115	1920	2300
	HU316	14	2 ⁹ / ₁₆	14 ¹ / ₈	2 ¹ / ₂	—	—	20-16d	8-10dx1 ¹ / ₂	1000	—	2320	—	2670	—	2900
4x4	LUS44	18	3 ¹ / ₁₆	3	2	—	—	4-16d	2-16d	440	—	640	—	735	—	800
	U44	16	3 ¹ / ₁₆	2 ⁷ / ₈	2	—	4-10d	4-16d	2-10d	305	385	460	440	530	480	575
	HU44	14	3 ¹ / ₁₆	2 ⁷ / ₈	2 ¹ / ₂	—	—	4-16d	2-10d	315	—	465	—	535	—	580

See footnotes on page 67.

FACE MOUNT HANGERS – SOLID SAWN LUMBER (SPF/HF)

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

Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners			SPF/HF Allowable Loads						
			W	H	B		Header		Joist	Uplift (160)	Floor (100)		Snow (115)		Roof (125)	
							10d	16d			10d	16d	10d	16d	10d	16d
SAWN LUMBER SIZES																
4x6	LUS46	18	3 ¹ / ₁₆	4 ³ / ₈	2	—	—	4-16d	4-16d	1115	—	820	—	945	—	1025
	U46	16	3 ¹ / ₁₆	4 ⁷ / ₈	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
	HUS46	14	3 ¹ / ₁₆	5	2	—	—	4-16d	4-16d	1055	—	825	—	950	—	1030
	HU46/HUC46	14	3 ¹ / ₁₆	5 ³ / ₁₆	2 ¹ / ₂	Min	—	8-16d	4-10d	625	—	930	—	1065	—	1160
14		3 ¹ / ₁₆	5 ³ / ₁₆	2 ¹ / ₂	Max	—	12-16d	6-10d	940	—	1390	—	1600	—	1740	
4x8	LUS46	18	3 ¹ / ₁₆	4 ³ / ₈	2	—	—	4-16d	4-16d	1115	—	820	—	945	—	1025
	U46	16	3 ¹ / ₁₆	4 ⁷ / ₈	2	—	8-10d	8-16d	4-10d	615	770	920	885	1060	960	1150
	LUS48	18	3 ¹ / ₁₆	6 ³ / ₈	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	HUS48	14	3 ¹ / ₁₆	6 ¹⁵ / ₁₆	2	—	—	6-16d	6-16d	1550	—	1240	—	1425	—	1550
	HU48/HUC48	14	3 ¹ / ₁₆	6 ¹³ / ₁₆	2 ¹ / ₂	Min	—	10-16d	4-10d	625	—	1160	—	1335	—	1450
		14	3 ¹ / ₁₆	6 ¹³ / ₁₆	2 ¹ / ₂	Max	—	14-16d	6-10d	940	—	1625	—	1870	—	2030
4x10	LUS48	18	3 ¹ / ₁₆	6 ³ / ₈	2	—	—	6-16d	4-16d	1115	—	1050	—	1210	—	1315
	LUS410	18	3 ¹ / ₁₆	8 ³ / ₈	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	U410	16	3 ¹ / ₁₆	8 ³ / ₈	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	HUS410	14	3 ¹ / ₁₆	8 ¹⁵ / ₁₆	2	—	—	8-16d	8-16d	2105	—	1650	—	1900	—	2065
	HU410/HUC410	14	3 ¹ / ₁₆	8 ⁵ / ₈	2 ¹ / ₂	Min	—	14-16d	6-10d	940	—	1625	—	1870	—	2030
		14	3 ¹ / ₁₆	8 ⁵ / ₈	2 ¹ / ₂	Max	—	18-16d	10-10d	1570	—	2090	—	2400	—	2610
4x12	LUS410	18	3 ¹ / ₁₆	8 ³ / ₈	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—	1830
	LUS414	18	3 ¹ / ₁₆	10 ³ / ₈	2	—	—	10-16d	6-16d	1670	—	1695	—	1945	—	2115
	U410	16	3 ¹ / ₁₆	8 ³ / ₈	2	—	14-10d	14-16d	6-10d	920	1345	1610	1545	1850	1680	2010
	HUS410	14	3 ¹ / ₁₆	8 ¹⁵ / ₁₆	2	—	—	8-16d	8-16d	2105	—	1650	—	1900	—	2065
	HU412/HUC412	14	3 ¹ / ₁₆	10 ¹ / ₂	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
		14	3 ¹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Min	—	16-16d	6-10d	940	—	1855	—	2135	—	2320
	14	3 ¹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Max	—	22-16d	10-10d	1570	—	2550	—	2935	—	3190	
	4x14	LUS410	18	3 ¹ / ₁₆	8 ³ / ₈	2	—	—	8-16d	6-16d	1670	—	1465	—	1680	—
LUS414		18	3 ¹ / ₁₆	10 ³ / ₈	2	—	—	10-16d	6-16d	1670	—	1695	—	1945	—	2115
U414		16	3 ¹ / ₁₆	10	2	—	16-10d	16-16d	6-10d	920	1535	1840	1765	2115	1920	2300
HUS412		14	3 ¹ / ₁₆	10 ¹ / ₂	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
HU414/HUC414		14	3 ¹ / ₁₆	12 ⁵ / ₈	2 ¹ / ₂	Min	—	18-16d	8-10d	1255	—	2090	—	2400	—	2610
		14	3 ¹ / ₁₆	12 ⁵ / ₈	2 ¹ / ₂	Max	—	24-16d	12-10d	1880	—	2785	—	3200	—	3480
4x16	U414	16	3 ¹ / ₁₆	10	2	—	16-10d	16-16d	6-10d	920	1535	1840	1765	2115	1920	2300
	HUS412	14	3 ¹ / ₁₆	10 ¹ / ₂	2	—	—	10-16d	10-16d	2630	—	2065	—	2375	—	2580
	HU416/HUC416	14	3 ¹ / ₁₆	13 ⁵ / ₈	2 ¹ / ₂	Min	—	20-16d	8-10d	1255	—	2320	—	2670	—	2900
		14	3 ¹ / ₁₆	13 ⁵ / ₈	2 ¹ / ₂	Max	—	26-16d	12-10d	1880	—	3015	—	3470	—	3770
6x6	U66	16	5 ¹ / ₂	5	2	—	8-10d	8-16d	4-10d	710	770	920	885	1060	960	1150
	HU66/HUC66	14	5 ¹ / ₂	4 ³ / ₁₆	2 ¹ / ₂	Min	—	8-16d	4-16d	860	—	930	—	1065	—	1160
		14	5 ¹ / ₂	4 ³ / ₁₆	2 ¹ / ₂	Max	—	12-16d	6-16d	1285	—	1390	—	1600	—	1740
6x8	U66	16	5 ¹ / ₂	5	2	—	8-10d	8-16d	4-10d	710	770	920	885	1060	960	1150
	HU68/HUC68	14	5 ¹ / ₂	5 ¹³ / ₁₆	2 ¹ / ₂	Min	—	10-16d	4-16d	860	—	1160	—	1335	—	1450
		14	5 ¹ / ₂	5 ¹³ / ₁₆	2 ¹ / ₂	Max	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
6x10	U610	16	5 ¹ / ₂	8 ¹ / ₂	2	—	14-10d	14-16d	6-10d	1065	1345	1610	1545	1850	1680	2010
	HU610/HUC610	14	5 ¹ / ₂	7 ⁵ / ₈	2 ¹ / ₂	Min	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
		14	5 ¹ / ₂	7 ⁵ / ₈	2 ¹ / ₂	Max	—	18-16d	8-16d	1715	—	2090	—	2400	—	2610
6x12	HU612/HUC612	14	5 ¹ / ₂	9 ⁵ / ₈	2 ¹ / ₂	Min	—	16-16d	6-16d	1285	—	1855	—	2135	—	2320
		14	5 ¹ / ₂	9 ⁵ / ₈	2 ¹ / ₂	Max	—	22-16d	8-16d	1715	—	2550	—	2935	—	3190
6x14	HU614/HUC614	14	5 ¹ / ₂	11 ⁵ / ₈	2 ¹ / ₂	Min	—	18-16d	8-16d	1715	—	2090	—	2400	—	2610
		14	5 ¹ / ₂	11 ⁵ / ₈	2 ¹ / ₂	Max	—	24-16d	12-16d	2575	—	2785	—	3200	—	3480
6x16	HU616/HUC616	14	5 ¹ / ₂	12 ¹ / ₁₆	2 ¹ / ₂	Min	—	20-16d	8-16d	1715	—	2320	—	2670	—	2900
		14	5 ¹ / ₂	12 ¹ / ₁₆	2 ¹ / ₂	Max	—	26-16d	12-16d	2575	—	3015	—	3470	—	3770
8x8	HU88/HUC88	14	7 ¹ / ₂	6 ⁵ / ₈	2 ¹ / ₂	Min	—	10-16d	4-16d	860	—	1160	—	1335	—	1450
		14	7 ¹ / ₂	6 ⁵ / ₈	2 ¹ / ₂	Max	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
8x10	HU810/HUC810	14	7 ¹ / ₂	8 ⁵ / ₈	2 ¹ / ₂	Min	—	14-16d	6-16d	1285	—	1625	—	1870	—	2030
		14	7 ¹ / ₂	8 ⁵ / ₈	2 ¹ / ₂	Max	—	18-16d	8-16d	1715	—	2090	—	2400	—	2610
8x12	HU812/HUC812	14	7 ¹ / ₂	10 ⁵ / ₈	2 ¹ / ₂	Min	—	16-16d	6-16d	1285	—	1855	—	2135	—	2320
		14	7 ¹ / ₂	10 ⁵ / ₈	2 ¹ / ₂	Max	—	22-16d	8-16d	1715	—	2550	—	2935	—	3190
8x14	HU814/HUC814	14	7 ¹ / ₂	11 ⁵ / ₈	2 ¹ / ₂	Min	—	18-16d	8-16d	1715	—	2090	—	2400	—	2610
		14	7 ¹ / ₂	11 ⁵ / ₈	2 ¹ / ₂	Max	—	24-16d	12-16d	2575	—	2785	—	3200	—	3480
8x16	HU816/HUC816	14	7 ¹ / ₂	13 ⁵ / ₈	2 ¹ / ₂	Min	—	20-16d	8-16d	1715	—	2320	—	2670	—	2900
		14	7 ¹ / ₂	13 ⁵ / ₈	2 ¹ / ₂	Max	—	26-16d	12-16d	2575	—	3015	—	3470	—	3770

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. (16d sinkers are not acceptable for HDG applications.)
3. Uplift loads apply to 10d and 16d header fasteners. Uplift loads 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. Truss chord cross-grain tension may limit allowable loads. Refer to technical bulletins T-ANSITPSPF, T-ANSITPSP and T-ANSITPIDF for allowable loads that consider ANSI/TPI 1-2007 wood member design criteria (see page 191 for details).
6. **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.

