

# FACE MOUNT HANGERS – SOLID SAW LUMBER (DF & SP)

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.

CODES: See page 12 for Code Reference Key Chart.

Solid Sawn Lumber Connectors

Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners			DF/SP Allowable Loads						Installed Cost Index (ICI)	Code Ref.	
			W	H	B		Header		Joist	Uplift (160)	Floor (100)		Snow (115)		Roof (125)			
							10d	16d			10d	16d	10d	16d	10d			16d
<b>SAWN LUMBER SIZES</b>																		
2x4	LU24	20	1 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	4-10d	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	265	445	530	510	610	555	665	Lowest	17, F6
	LUS24	18	1 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	4-10d	—	2-10d	490	640	—	735	—	800	—	+3%	17, L3, F6
	U24	16	1 <sup>9</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	4-10d	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	445	530	510	610	555	665	+67%	17, F6
DBL 2x4	HU26	14	1 <sup>9</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	—	—	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	—	535	—	615	—	670	+295%	17, F6
	LUS24-2	18	3 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2	—	—	4-16d	2-16d	440	—	765	—	880	—	960	Lowest	17, L1, F6
	U24-2	16	3 <sup>3</sup> / <sub>8</sub>	3	2	—	4-10d	4-16d	2-10d	355	445	530	510	610	555	665	+33%	17, F6
2x6	HU24-2/HUC24-2	14	3 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	—	—	4-16d	2-10d	360	—	535	—	615	—	670	+240%	17, F6
	LUS26	18	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	4-10d	—	4-10d	1115	830	—	955	—	1040	—	Lowest	17, L3, F6
	LU26	20	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	565	665	800	765	920	830	1000	+6%	17, F6
	U26	16	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	2	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	575	665	800	765	920	830	1000	+43%	17, F6
	LUC26Z	18	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	730	710	845	810	965	875	1040	+160%	I2, F22
	HU26	14	1 <sup>9</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	—	—	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	—	535	—	615	—	670	+179%	17, F6
DBL 2x6	HUS26	16	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3	—	—	14-16d	6-16d	1550	—	2565	—	2950	—	3205	+276%	17, L3, F6
	LUS26-2	18	3 <sup>3</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	2	—	—	4-16d	4-16d	1165	—	1000	—	1150	—	1250	Lowest	17, L1, F6
	U26-2	16	3 <sup>3</sup> / <sub>8</sub>	5	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	+65%	17, F6
	HUS26-2	14	3 <sup>3</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2	—	—	4-16d	4-16d	1235	—	1005	—	1155	—	1255	+172%	17, L1, F6
	HU26-2/HUC26-2	14	3 <sup>3</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	8-16d	4-10d	725	—	1070	—	1235	—	1340	+233%	17, F6
TPL 2x6	U26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	12-16d	6-10d	1085	—	1610	—	1850	—	2010	+254%	17, F6
	LUS26-3	18	4 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	2	—	—	4-16d	4-16d	1165	—	1000	—	1150	—	1250	*	IL18
	HU26-3/HUC26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	8-16d	4-10d	725	—	1070	—	1235	—	1340	*	170
2x8	U26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	12-16d	6-10d	1085	—	1610	—	1850	—	2010	*	170
	LUS26	18	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	4-10d	—	4-10d	1115	830	—	955	—	1040	—	Lowest	17, L3, F6
	LU26	20	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	565	665	800	765	920	830	1000	+6%	17, F6
	LUS28	18	1 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	6-10d	—	4-10d	1115	1055	—	1210	—	1320	—	+23%	17, L3, F6
	LU28	20	1 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	8-10d	8-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	850	890	1065	1020	1225	1110	1300	+39%	17, F6
	U26	16	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	2	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	575	665	800	765	920	830	1000	+43%	17, F6
	LUC26Z	18	1 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	6-10d	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	730	710	845	810	965	875	1040	+160%	I2, F22
	HU28	14	1 <sup>9</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	—	—	6-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	575	—	805	—	925	—	1005	+251%	17, F6
	HUS26	16	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3	—	—	14-16d	6-16d	1550	—	2565	—	2950	—	3205	+276%	17, L3, F6
	HUS28	16	1 <sup>9</sup> / <sub>16</sub>	7	3	—	—	22-16d	8-16d	2000	—	3585	—	3700	—	3775	+409%	17, L3, F6
DBL 2x8	LUS28-2	18	3 <sup>3</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	2	—	—	4-16d	4-16d	1165	—	1000	—	1150	—	1250	Lowest	17, L1, F6
	LUS28-2	18	3 <sup>3</sup> / <sub>8</sub>	7	2	—	—	6-16d	4-16d	1165	—	1265	—	1455	—	1585	+8%	17, L1, F6
	U26-2	16	3 <sup>3</sup> / <sub>8</sub>	5	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	+65%	17, F6
	HUS28-2	14	3 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	2	—	—	6-16d	6-16d	1550	—	1505	—	1730	—	1885	+188%	17, L1, F6
	HU28-2/HUC28-2	14	3 <sup>3</sup> / <sub>8</sub>	7	2 <sup>1</sup> / <sub>2</sub>	Min	—	10-16d	4-10d	725	—	1340	—	1540	—	1675	+397%	17, F6
TPL 2x8	U26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	14-16d	6-10d	1085	—	1875	—	2155	—	2345	+418%	17, F6
	LUS28-3	18	4 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	2	—	—	6-16d	4-16d	1165	—	1265	—	1455	—	1585	*	IL18
	HU26-3/HUC26-3	16	4 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	*	170
QUAD 2x8	U26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	8-16d	4-10d	725	—	1070	—	1235	—	1340	*	170
	HU26-3/HUC26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	12-16d	6-10d	1085	—	1610	—	1850	—	2010	*	170
2x10	HU28-4/HUC28-4	14	6 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	10-16d	4-16d	860	—	1340	—	1540	—	1675	*	170
	U26-3	14	4 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*	170
	LUS28	18	1 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	6-10d	—	4-10d	1115	1055	—	1210	—	1320	—	Lowest	17, L3, F6
	LU28	20	1 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	—	8-10d	8-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	850	890	1065	1020	1225	1110	1300	+13%	17, F6
	LUS210	18	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	—	8-10d	—	4-10d	1115	1275	—	1470	—	1595	—	+15%	17, L3, F6
	LU210	20	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	—	10-10d	10-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	850	1110	1330	1275	1530	1390	1660	+28%	17, F6
	U210	16	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	2	—	10-10d	10-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	865	1110	1330	1275	1530	1390	1660	+76%	17, F6
	LUC210Z	18	1 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	—	10-10d	10-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	1100	1185	1410	1345	1605	1455	1735	+180%	I2, F22
	HU210	14	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	—	—	8-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	575	—	1070	—	1235	—	1340	+225%	17, F6
	HUS210	16	1 <sup>9</sup> / <sub>16</sub>	9	3	—	—	30-16d	10-16d	3000	—	3775	—	3920	—	4020	+450%	17, L3, F6
DBL 2x10	LUS28-2	18	3 <sup>3</sup> / <sub>8</sub>	7	2	—	—	6-16d	4-16d	1165	—	1265	—	1455	—	1585	Lowest	17, L1, F6
	LUS210-2	18	3 <sup>3</sup> / <sub>8</sub>	9	2	—	—	8-16d	6-16d	1745	—	1765	—	2030	—	2210	+34%	17, L1, F6
	U210-2	16	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	2	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	+88%	17, F6
	HUS210-2	14	3 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>8</sub>	2	—	—	8-16d	8-16d	2590	—	2010	—	2310	—	2510	+217%	17, L1, F6
	HU210-2/HUC210-2	14	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	14-16d	6-10d	1085	—	1875	—	2155	—	2345	+441%	17, F6
	HHUS210-2	14	3 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Max	—	18-16d	10-10d	1810	—	2410	—	2775	—	3015	+467%	17, F6
TPL 2x10	HHUS210-2	14	3 <sup>5</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	3	—	—	30-16d	10-16d	3430	—	5190	—	5900	—	5900	*	17, F6
	LUS28-3	18	4 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>														

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Joist Size	Model No.	Ga	Dimensions				Min/Max	Fasteners			DF/SP Allowable Loads						Installed Cost Index (ICI)	Code Ref.		
			W	H	B	Header		Joist	Uplift (160)	Floor (100)		Snow (115)		Roof (125)						
						10d				16d	10d	16d	10d	16d	10d	16d				
<b>SAWN LUMBER SIZES</b>																				
NEW QUAD 2x10	HU210-4/HUC210-4	14	6 <sup>5/8</sup>	8 <sup>3/8</sup>	2 <sup>1/2</sup>	Min	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*	170		
		14	6 <sup>5/8</sup>	8 <sup>3/8</sup>	2 <sup>1/2</sup>	Max	—	18-16d	8-16d	1715	—	2410	—	2775	—	3015	*			
		HHUS210-4	14	6 <sup>1/8</sup>	8 <sup>7/8</sup>	3	—	—	30-16d	10-16d	3430	—	5190	—	5900	—	5900	*	F23	
	HGUS210-4	12	6 <sup>1/16</sup>	9 <sup>1/8</sup>	4	—	—	46-16d	16-16d	3630	—	8780	—	8940	—	8940	*			
2x12	LUS210	18	1 <sup>9/16</sup>	7 <sup>13/16</sup>	1 <sup>3/4</sup>	—	—	8-10d	—	4-10d	1115	1275	—	1470	—	1595	—	Lowest	17, L3, F6	
	LU210	20	1 <sup>9/16</sup>	7 <sup>13/16</sup>	1 <sup>1/2</sup>	—	—	10-10d	10-16d	6-10dx1 <sup>1/2</sup>	850	1110	1330	1275	1530	1390	1660	+11%	17, F6	
	U210	16	1 <sup>9/16</sup>	7 <sup>13/16</sup>	2	—	—	10-10d	10-16d	6-10dx1 <sup>1/2</sup>	865	1110	1330	1275	1530	1390	1660	+53%		
	LUC210Z	18	1 <sup>9/16</sup>	7 <sup>3/4</sup>	1 <sup>3/4</sup>	—	—	10-10d	10-16d	6-10dx1 <sup>1/2</sup>	1100	1185	1410	1345	1605	1455	1735	+180%	12, F22	
	HU212	14	1 <sup>9/16</sup>	9	2 <sup>1/4</sup>	—	—	—	10-16d	6-10dx1 <sup>1/2</sup>	865	—	1340	—	1540	—	1675	+347%	17, F6	
	HUS210	16	1 <sup>5/8</sup>	9	3	—	—	—	30-16d	10-16d	3000	—	3775	—	3920	—	4020	+378%	17, L3, F6	
DBL 2x12	LUS210-2	18	3 <sup>3/8</sup>	9	2	—	—	8-16d	6-16d	1550	—	1765	—	2030	—	2210	—	Lowest	17, L1, F6	
	U210-2	16	3 <sup>3/8</sup>	8 <sup>1/2</sup>	2	—	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	+40%	17, F6	
	LUS214-2	18	3 <sup>3/8</sup>	10 <sup>15/16</sup>	2	—	—	—	10-16d	6-16d	1550	—	2030	—	2335	—	2540	+56%		
	HUS210-2	14	3 <sup>3/8</sup>	9 <sup>3/8</sup>	2	—	—	—	8-16d	8-16d	2590	—	2010	—	2310	—	2510	+136%	17, L1, F6	
	HUS212-2	14	3 <sup>3/8</sup>	10 <sup>3/4</sup>	2	—	—	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	+156%		
	HU212-2/HUC212-2	14	3 <sup>3/8</sup>	10 <sup>9/16</sup>	2 <sup>1/2</sup>	Min	—	—	16-16d	6-10d	1085	—	2145	—	2465	—	2680	+387%	17, F6	
		14	3 <sup>3/8</sup>	10 <sup>9/16</sup>	2 <sup>1/2</sup>	Max	—	22-16d	10-10d	1810	—	2950	—	3390	—	3685	+411%			
TPL 2x12	LUS210-3	18	4 <sup>5/8</sup>	8 <sup>3/16</sup>	2	—	—	8-16d	6-16d	1550	—	1765	—	2030	—	2210	—	*	1L18	
	HU212-3/HUC212-3	14	4 <sup>11/16</sup>	10 <sup>5/16</sup>	2 <sup>1/2</sup>	Min	—	—	16-16d	6-10d	1085	—	2145	—	2465	—	2680	—	*	
		14	4 <sup>11/16</sup>	10 <sup>5/16</sup>	2 <sup>1/2</sup>	Max	—	—	22-16d	10-10d	1810	—	2950	—	3390	—	3685	—	*	
2x14	LUS210	18	1 <sup>9/16</sup>	7 <sup>13/16</sup>	1 <sup>3/4</sup>	—	—	8-10d	—	4-10d	1115	1275	—	1470	—	1595	—	Lowest	17, L3, F6	
	LU210	20	1 <sup>9/16</sup>	7 <sup>13/16</sup>	1 <sup>3/4</sup>	—	—	10-10d	10-16d	6-10dx1 <sup>1/2</sup>	850	1110	1330	1275	1530	1390	1660	+11%		
	U210	16	1 <sup>9/16</sup>	7 <sup>13/16</sup>	2	—	—	10-10d	10-16d	6-10dx1 <sup>1/2</sup>	865	1110	1330	1275	1530	1390	1660	+53%		
	HU214	14	1 <sup>9/16</sup>	10 <sup>1/8</sup>	2 <sup>1/4</sup>	—	—	—	12-16d	6-10dx1 <sup>1/2</sup>	865	—	1610	—	1850	—	2010	+88%	17, F6	
	U214	16	1 <sup>9/16</sup>	10	2	—	—	—	12-10d	12-16d	8-10dx1 <sup>1/2</sup>	1150	1330	1595	1530	1835	1665	1995	+147%	
		U210-2	16	3 <sup>3/8</sup>	8 <sup>1/2</sup>	2	—	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	Lowest	
DBL 2x14	LUS214-2	18	3 <sup>3/8</sup>	10 <sup>15/16</sup>	2	—	—	—	10-16d	6-16d	1745	—	2030	—	2335	—	2540	+12%		
	HUS212-2	14	3 <sup>3/8</sup>	10 <sup>3/4</sup>	2	—	—	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	+83%	17, L1, F6	
	HU212-2/HUC212-2	14	3 <sup>3/8</sup>	10 <sup>9/16</sup>	2 <sup>1/2</sup>	Min	—	—	16-16d	6-10d	1085	—	2145	—	2465	—	2680	+248%		
			14	3 <sup>3/8</sup>	10 <sup>9/16</sup>	2 <sup>1/2</sup>	Max	—	22-16d	10-10d	1810	—	2950	—	3390	—	3685	+265%		
		HU214-2/HUC214-2	14	3 <sup>3/8</sup>	12 <sup>13/16</sup>	2 <sup>1/2</sup>	Min	—	—	18-16d	8-10d	1505	—	2410	—	2775	—	3015	+259%	
			14	3 <sup>3/8</sup>	12 <sup>13/16</sup>	2 <sup>1/2</sup>	Max	—	24-16d	12-10d	2170	—	3215	—	3700	—	4020	+276%		
TPL 2x14	U210-3	16	4 <sup>5/8</sup>	7 <sup>3/4</sup>	2	—	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	*	17, F6	
	HU214-3/HUC214-3	14	4 <sup>11/16</sup>	12 <sup>1/16</sup>	2 <sup>1/2</sup>	Min	—	—	18-16d	8-10d	1445	—	2410	—	2775	—	3015	*		
		14	4 <sup>11/16</sup>	12 <sup>1/16</sup>	2 <sup>1/2</sup>	Max	—	24-16d	12-10d	2170	—	3215	—	3700	—	4020	*			
2x16	U214	16	1 <sup>9/16</sup>	10	2	—	—	—	12-10d	12-16d	8-10dx1 <sup>1/2</sup>	1150	1330	1595	1530	1835	1665	1995	Lowest	
	HU214	14	1 <sup>9/16</sup>	10 <sup>1/8</sup>	2 <sup>1/4</sup>	—	—	—	12-16d	6-10dx1 <sup>1/2</sup>	865	—	1610	—	1850	—	2010	+130%		
	HU216	14	1 <sup>9/16</sup>	12 <sup>15/16</sup>	2 <sup>1/4</sup>	—	—	—	18-16d	8-10dx1 <sup>1/2</sup>	1155	—	2410	—	2775	—	3015	+130%	170	
DBL 2x16	HUS212-2	14	3 <sup>3/8</sup>	10 <sup>3/4</sup>	2	—	—	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	Lowest	17, L1, F6	
	HU216-2/HUC216-2	14	3 <sup>3/8</sup>	13 <sup>7/8</sup>	2 <sup>1/2</sup>	Min	—	—	20-16d	8-10d	1445	—	2680	—	3080	—	3350	+111%		
		14	3 <sup>3/8</sup>	13 <sup>7/8</sup>	2 <sup>1/2</sup>	Max	—	26-16d	12-10d	2015	—	3485	—	4005	—	4355	+120%			
TPL 2x16	HU216-3/HUC216-3	14	4 <sup>11/16</sup>	13 <sup>7/8</sup>	2 <sup>1/2</sup>	Min	—	—	20-16d	8-10d	1445	—	2680	—	3080	—	3350	*	17, F6	
		14	4 <sup>11/16</sup>	13 <sup>7/8</sup>	2 <sup>1/2</sup>	Max	—	—	26-16d	12-10d	2015	—	3485	—	4005	—	4355	*		
3x4	U34	16	2 <sup>9/16</sup>	3 <sup>3/8</sup>	2	—	—	4-10d	4-16d	2-10dx1 <sup>1/2</sup>	265	445	530	510	610	555	665	*		
	HU34/HUC34	14	2 <sup>9/16</sup>	3 <sup>3/8</sup>	2 <sup>1/2</sup>	—	—	—	4-16d	2-10dx1 <sup>1/2</sup>	290	—	535	—	615	—	670	*		
3x6	U36	16	2 <sup>9/16</sup>	5 <sup>3/8</sup>	2	—	—	8-10d	8-16d	4-10dx1 <sup>1/2</sup>	575	890	1065	1020	1225	1110	1330	*		
	LUS36	18	2 <sup>9/16</sup>	5 <sup>1/4</sup>	2	—	—	—	4-16d	4-16d	1160	—	1000	—	1150	—	1250	*	F23	
	HU36/HUC36	14	2 <sup>9/16</sup>	5 <sup>3/8</sup>	2 <sup>1/2</sup>	—	—	—	8-16d	4-10dx1 <sup>1/2</sup>	575	—	1070	—	1235	—	1340	*		
3x8	U36	16	2 <sup>9/16</sup>	5 <sup>3/8</sup>	2	—	—	8-10d	8-16d	4-10dx1 <sup>1/2</sup>	575	890	1065	1020	1225	1110	1330	*	17, F6	
	LUS36	18	2 <sup>9/16</sup>	5 <sup>1/4</sup>	2	—	—	—	4-16d	4-16d	1160	—	1000	—	1150	—	1250	*	F23	
	HU38/HUC38	14	2 <sup>9/16</sup>	7 <sup>1/8</sup>	2 <sup>1/2</sup>	—	—	—	10-16d	4-10dx1 <sup>1/2</sup>	575	—	1340	—	1540	—	1675	*		
3x10	U310	16	2 <sup>9/16</sup>	8 <sup>3/8</sup>	2	—	—	14-10d	14-16d	6-10dx1 <sup>1/2</sup>	865	1555	1860	1785	2140	1940	2330	*		
	LUS310	18	2 <sup>9/16</sup>	7 <sup>1/4</sup>	2	—	—	—	6-16d	4-16d	1160	—	1265	—	1455	—	1585	*	F23	
	HU310/HUC310	14	2 <sup>9/16</sup>	8 <sup>7/8</sup>	2 <sup>1/2</sup>	—	—	—	14-16d	6-10dx1 <sup>1/2</sup>	865	—	1875	—	2155	—	2345	*		
3x12	U310	16	2 <sup>9/16</sup>	8 <sup>3/8</sup>	2	—	—	14-10d	14-16d	6-10dx1 <sup>1/2</sup>	865	1555	1860	1785	2140	1940	2330	*		
	HU312/HUC312	14	2 <sup>9/16</sup>	10 <sup>3/8</sup>	2 <sup>1/2</sup>	—	—	—	16-16d	6-10dx1 <sup>1/2</sup>	865	—	2145	—	2465	—	2680	*		
3x14	U314	16	2 <sup>9/16</sup>	10 <sup>1/2</sup>	2	—	—	16-10d	16-16d	6-10dx1 <sup>1/2</sup>	865	1775	2130	2040	2445	2220	2660	*	17, F6	
	HU314/HUC314	14	2 <sup>9/16</sup>	12 <sup>3/8</sup>	2 <sup>1/2</sup>	—	—	—	18-16d	8-10dx1 <sup>1/2</sup>	1150	—	2410	—	2775	—	3015	*		
3x16	U314	16	2 <sup>9/16</sup>	10 <sup>1/2</sup>	2	—	—	16-10d	16-16d	6-10dx1 <sup>1/2</sup>	865	1775	2130	2040	2445					

# FACE MOUNT HANGERS – SOLID SAWN LUMBER (DF & SP)

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.

CODES: See page 12 for Code Reference Key Chart.

Solid Sawn Lumber Connectors

Joist Size	Model No.	Ga	Dimensions			Min/Max	Fasteners			DF/SP Allowable Loads						Installed Cost Index (ICI)	Code Ref.	
			W	H	B		Header		Joist	Uplift (160)	Floor (100)		Snow (115)		Roof (125)			
							10d	16d			10d	16d	10d	16d	10d			16d
<b>SAWN LUMBER SIZES</b>																		
4x6	LUS46	18	3 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	2	—	—	4-16d	4-16d	1160	—	1000	—	1150	—	1250	Lowest	17, L1, F6
	U46	16	3 <sup>9</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>8</sub>	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	+37%	
	HUS46	14	3 <sup>9</sup> / <sub>16</sub>	5	2	—	—	4-16d	4-16d	1235	—	1005	—	1155	—	1255	+152%	
	HU46/HUC46	14	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	8-16d	4-10d	725	—	1070	—	1235	—	1340	+163%	
					Max	—	12-16d	6-10d	1085	—	1610	—	1850	—	2010	+185%		
4x8	LUS46	18	3 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>8</sub>	2	—	—	4-16d	4-16d	1165	—	1000	—	1150	—	1250	Lowest	17, L1, F6
	U46	16	3 <sup>9</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>8</sub>	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	+37%	
	LUS48	18	3 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	2	—	—	6-16d	4-16d	1165	—	1265	—	1455	—	1585	+40%	
	HUS48	14	3 <sup>9</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	2	—	—	6-16d	6-16d	1550	—	1505	—	1730	—	1885	+203%	
					Min	—	10-16d	4-10d	725	—	1340	—	1540	—	1675	+213%	17, F6	
					Max	—	14-16d	6-10d	1085	—	1875	—	2155	—	2345	+235%		
4x10	LUS48	18	3 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	2	—	—	6-16d	4-16d	1165	—	1265	—	1455	—	1585	Lowest	17, L1, F6
	LUS410	18	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	2	—	—	8-16d	6-16d	1745	—	1765	—	2030	—	2210	+19%	
	U410	16	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	2	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	+74%	
	HUS410	14	3 <sup>9</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	2	—	—	8-16d	8-16d	2590	—	2010	—	2310	—	2510	+154%	
					Min	—	14-16d	6-10d	1085	—	1875	—	2155	—	2345	+232%	17, F6	
					Max	—	18-16d	10-10d	1810	—	2410	—	2775	—	3015	+253%		
4x12	LUS410	18	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	2	—	—	8-16d	6-16d	1745	—	1765	—	2030	—	2210	Lowest	17, L1, F6
	LUS414	18	3 <sup>9</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>8</sub>	2	—	—	10-16d	6-16d	1745	—	2030	—	2335	—	2540	+33%	
	U410	16	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	2	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	+46%	
	HUS410	14	3 <sup>9</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	2	—	—	8-16d	8-16d	2590	—	2010	—	2310	—	2510	+114%	
					Min	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	+129%	17, F6	
					Max	—	16-16d	6-10d	1085	—	2145	—	2465	—	2680	+268%		
					Min	—	16-16d	6-10d	1085	—	2145	—	2465	—	2680	+268%	17, F6	
					Max	—	22-16d	10-10d	1810	—	2950	—	3390	—	3685	+290%		
4x14	LUS410	18	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>8</sub>	2	—	—	8-16d	6-16d	1745	—	1765	—	2030	—	2210	Lowest	17, L1, F6
	LUS414	18	3 <sup>9</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>8</sub>	2	—	—	10-16d	6-16d	1745	—	2030	—	2335	—	2540	+33%	
	U414	16	3 <sup>9</sup> / <sub>16</sub>	10	2	—	16-10d	16-16d	6-10d	1065	1775	2130	2040	2445	2220	2660	+93%	
	HUS412	14	3 <sup>9</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	2	—	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	+129%	
					Min	—	18-16d	8-10d	1445	—	2410	—	2775	—	3015	+333%	17, F6	
					Max	—	24-16d	12-10d	2170	—	3215	—	3700	—	4020	+355%		
4x16	U414	16	3 <sup>9</sup> / <sub>16</sub>	10	2	—	16-10d	16-16d	6-10d	1065	1775	2130	2040	2445	2220	2660	Lowest	17, F6
	HUS412	14	3 <sup>9</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	2	—	—	10-16d	10-16d	3240	—	2510	—	2885	—	3140	+19%	
	HU416/HUC416	14	3 <sup>9</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	20-16d	8-10d	1445	—	2680	—	3080	—	3350	+167%	
						Max	—	26-16d	12-10d	2170	—	3485	—	4005	—	4355	+178%	
6x6	U66	16	5 <sup>1</sup> / <sub>2</sub>	5	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	*	17, F6
	HU66/HUC66	14	5 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	8-16d	4-16d	860	—	1070	—	1235	—	1340	*	
						Max	—	12-16d	6-16d	1285	—	1610	—	1850	—	2010	*	
6x8	U66	16	5 <sup>1</sup> / <sub>2</sub>	5	2	—	8-10d	8-16d	4-10d	710	890	1065	1020	1225	1110	1330	*	17, F6
	HU68/HUC68	14	5 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	10-16d	4-16d	860	—	1340	—	1540	—	1675	*	
					Max	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*		
6x10	U610	16	5 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	2	—	14-10d	14-16d	6-10d	1065	1555	1860	1785	2140	1940	2330	*	17, F6
	HU610/HUC610	14	5 <sup>1</sup> / <sub>2</sub>	7 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*	
					Max	—	18-16d	8-16d	1715	—	2410	—	2775	—	3015	*		
6x12	HU612/HUC612	14	5 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	16-16d	6-16d	1285	—	2145	—	2465	—	2680	*	17, F6
					Max	—	22-16d	8-16d	1715	—	2950	—	3390	—	3685	*		
6x14	HU614/HUC614	14	5 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	18-16d	8-16d	1715	—	2410	—	2775	—	3015	*	17, F6
					Max	—	24-16d	12-16d	2575	—	3215	—	3700	—	4020	*		
6x16	HU616/HUC616	14	5 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	20-16d	8-16d	1715	—	2680	—	3080	—	3350	*	17, F6
					Max	—	26-16d	12-16d	2575	—	3485	—	4005	—	4355	*		
8x8	HU88/HUC88	14	7 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	10-16d	4-16d	860	—	1340	—	1540	—	1675	*	170
					Max	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*		
8x10	HU810/HUC810	14	7 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	14-16d	6-16d	1285	—	1875	—	2155	—	2345	*	170
					Max	—	18-16d	8-16d	1715	—	2410	—	2775	—	3015	*		
8x12	HU812/HUC812	14	7 <sup>1</sup> / <sub>2</sub>	10 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	16-16d	6-16d	1285	—	2145	—	2465	—	2680	*	170
					Max	—	22-16d	8-16d	1715	—	2950	—	3390	—	3685	*		
8x14	HU814/HUC814	14	7 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	18-16d	8-16d	1715	—	2410	—	2775	—	3015	*	170
					Max	—	24-16d	12-16d	2575	—	3215	—	3700	—	4020	*		
8x16	HU816/HUC816	14	7 <sup>1</sup> / <sub>2</sub>	13 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	Min	—	20-16d	8-16d	1715	—	2680	—	3080	—	3350	*	170
					Max	—	26-16d	12-16d	2575	—	3485	—	4005	—	4355	*		

- 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. (16d sinkers are not acceptable for HDG applications.)
- 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.

- MIN nailing quantity and load values—fill all round holes; MAX nailing quantity and load values—fill all round and triangle holes.
- DF/SP loads can be used for SCL that has fastener holding capacity of Doug Fir.
- Truss chord cross-grain tension may limit allowable loads. Refer to technical bulletins T-ANSITPISPF, T-ANSITPISP and T-ANSITPIDF for allowable loads that consider ANSI/TPI 1-2007 wood member design criteria (see page 191 for details).
- 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.

\*Hangers do not have an Installed Cost Index.

