

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		SPF/HF Allowable Loads (lb.)			
			W	H	B		Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
Sawn Lumber Sizes												
2x4	LU24	20	1 ¹ / ₁₆	3 ¹ / ₈	1 ¹ / ₂	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	205	475	540	565
	LUS24	18	1 ¹ / ₁₆	3 ¹ / ₈	1 ³ / ₄	—	(4) 0.148 x 3	(2) 0.148 x 3	375	575	660	705
	U24	16	1 ¹ / ₁₆	3 ¹ / ₈	1 ¹ / ₂	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	205	495	560	605
	HU26	14	1 ¹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₄	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	260	510	575	620
DBL 2x4	LUS24-2	18	3 ¹ / ₈	3 ¹ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.162 x 3 ¹ / ₂	355	690	780	845
	U24-2	16	3 ¹ / ₈	3	2	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 3	205	495	560	605
	HU24-2 / HUC24-2	14	3 ¹ / ₈	3 ¹ / ₁₆	2 ¹ / ₂	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 3	325	510	575	620
2x6	LUS26	18	1 ¹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	(4) 0.148 x 3	(4) 0.148 x 3	1,000	745	850	910
	LU26	20	1 ¹ / ₁₆	4 ³ / ₄	1 ¹ / ₂	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	465	720	815	885
	U26	16	1 ¹ / ₁₆	4 ³ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	460	745	845	905
	LUC26Z	18	1 ¹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	630	610	695	755
	HU26	14	1 ¹ / ₁₆	3 ¹ / ₁₆	2 ¹ / ₄	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	260	510	575	620
	HUS26	16	1 ⁵ / ₈	5 ¹ / ₈	3	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,135	2,350	2,660	2,780
DBL 2x6	LUS26-2	18	3 ¹ / ₈	4 ⁷ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	U26-2	16	3 ¹ / ₈	5	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	HUS26-2	14	3 ¹ / ₈	5 ⁵ / ₁₆	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	1000	905	1,030	1,110
		14	3 ¹ / ₈	5 ⁵ / ₁₆	2 ¹ / ₂	Min.	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,025	1,155	1,240
TPL 2x6	HUS26-2	14	3 ¹ / ₈	5 ⁵ / ₁₆	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,540	1,735	1,865
		14	3 ¹ / ₈	5 ⁵ / ₁₆	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,540	1,735	1,865
	LUS26-3	18	4 ⁵ / ₈	4 ¹ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	U26-3	16	4 ⁵ / ₈	4 ¹ / ₄	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
HUS26-3	14	4 ¹ / ₁₆	4 ⁵ / ₈	2 ¹ / ₂	Min.	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,025	1,155	1,240	
	14	4 ¹ / ₁₆	4 ⁵ / ₈	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,540	1,735	1,865	
2x8	LUS26	18	1 ¹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	(4) 0.148 x 3	(4) 0.148 x 3	1,000	745	850	910
	LU26	20	1 ¹ / ₁₆	4 ³ / ₄	1 ¹ / ₂	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	465	720	815	885
	LUS28	18	1 ¹ / ₁₆	6 ⁵ / ₈	1 ³ / ₄	—	(6) 0.148 x 3	(4) 0.148 x 3	1,000	945	1,085	1,160
	LU28	20	1 ¹ / ₁₆	6 ⁵ / ₈	1 ¹ / ₂	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	730	955	1,015	1,015
	U26	16	1 ¹ / ₁₆	4 ³ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	460	745	845	905
	LUC26Z	18	1 ¹ / ₁₆	4 ³ / ₄	1 ³ / ₄	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	630	610	695	755
	HU28	14	1 ¹ / ₁₆	5 ¹ / ₄	2 ¹ / ₄	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	520	770	870	930
	HUS26	16	1 ⁵ / ₈	5 ¹ / ₈	3	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,135	2,350	2,445	2,445
HUS28	16	1 ⁵ / ₈	7	3	—	(22) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	1,515	3,520	3,520	3,520	
DBL 2x8	LUS26-2	18	3 ¹ / ₈	4 ⁷ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	LUS28-2	18	3 ¹ / ₈	7	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
	U26-2	16	3 ¹ / ₈	5	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	HUS28-2	14	3 ¹ / ₈	7 ³ / ₁₆	2	—	(6) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,135	1,360	1,540	1,660
		14	3 ¹ / ₈	7	2 ¹ / ₂	Min.	(10) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,280	1,445	1,550
14	3 ¹ / ₈	7	2 ¹ / ₂	Max.	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,795	2,025	2,180		
TPL 2x8	LUS28-3	18	4 ⁵ / ₈	6 ¹ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
	U26-3	16	4 ⁵ / ₈	4 ¹ / ₄	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	HUS26-3	14	4 ¹ / ₁₆	4 ⁵ / ₈	2 ¹ / ₂	Min.	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,025	1,155	1,240
		14	4 ¹ / ₁₆	4 ⁵ / ₈	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,540	1,735	1,865
QUAD 2x8	HUS28-4 / HUC28-4	14	6 ¹ / ₈	7	2 ¹ / ₂	Min.	(10) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	650	1,280	1,445	1,550
		14	6 ¹ / ₈	7	2 ¹ / ₂	Max.	(14) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,160	1,795	2,025	2,180

See footnotes on p. 113.

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Solid Sawn Joist Hangers

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		SPF/HF Allowable Loads (lb.)				
			W	H	B		Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
Sawn Lumber Sizes													
SS SS SS SS	2x10	LUS28	18	1 ⁹ / ₁₆	6 ⁵ / ₁₆	1 ³ / ₄	—	(6) 0.148 x 3	(4) 0.148 x 3	1,000	945	1,085	1,160
		LU28	20	1 ⁹ / ₁₆	6 ³ / ₁₆	1 ¹ / ₂	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	730	955	1,015	1,015
		LUS210	18	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	(8) 0.148 x 3	(4) 0.148 x 3	1,000	1,150	1,315	1,410
		LU210	20	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ¹ / ₂	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	730	1,195	1,360	1,390
		U210	16	1 ⁹ / ₁₆	7 ¹³ / ₁₆	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,240	1,345	1,345
		LUC210Z	18	1 ⁹ / ₁₆	7 ³ / ₄	1 ³ / ₄	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	845	1,020	1,155	1,250
		HU210	14	1 ⁹ / ₁₆	7 ¹ / ₁₆	2 ¹ / ₄	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	520	1,025	1,155	1,240
		HUS210	16	1 ⁹ / ₁₆	9	3	—	(30) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,265	4,685	4,985	5,015
HGUS210	12	1 ⁹ / ₁₆	9 ¹ / ₁₆	5	—	(46) 0.162 x 3 ¹ / ₂	(16) 0.162 x 3 ¹ / ₂	1,545	6,340	6,730	6,730		
SS SS SS	DBL 2x10	LUS28-2	18	3 ¹ / ₁₆	7	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
		LUS210-2	18	3 ¹ / ₁₆	9	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
		U210-2	16	3 ¹ / ₁₆	8 ¹ / ₂	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
		HUS210-2	14	3 ¹ / ₁₆	9 ⁹ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	2,810	1,815	2,050	2,215
		HU210-2 / HUC210-2	14	3 ¹ / ₁₆	8 ³ / ₁₆	2 ¹ / ₂	Min.	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	1,795	2,020	2,165
			14	3 ¹ / ₁₆	8 ³ / ₁₆	2 ¹ / ₂	Max.	(18) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,305	2,605	2,800
		HHUS210-2	14	3 ⁵ / ₁₆	8 ⁷ / ₁₆	3	—	(30) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	3,055	4,905	5,535	5,575
		HUCQ210-2-SDS	14	3 ¹ / ₄	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,015	3,600	3,710	3,710
SS SS	TPL 2x10	LUS28-3	18	4 ⁵ / ₁₆	6 ¹ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
		LUS210-3	18	4 ⁵ / ₁₆	8 ³ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
		U210-3	16	4 ⁵ / ₁₆	7 ³ / ₄	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
		HU210-3 / HUC210-3	14	4 ¹ / ₁₆	8 ¹ / ₁₆	2 ¹ / ₂	Min.	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	1,795	2,020	2,165
			14	4 ¹ / ₁₆	8 ¹ / ₁₆	2 ¹ / ₂	Max.	(18) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,305	2,605	2,800
		HHUS210-3	14	4 ¹ / ₁₆	8 ⁷ / ₁₆	3	—	(30) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,930	4,850	5,485	5,575
		HUCQ210-3-SDS	14	4 ⁵ / ₁₆	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,015	3,600	3,710	3,710
SS SS	QUAD 2x10	HU210-4 / HUC210-4	14	6 ¹ / ₁₆	8 ³ / ₁₆	2 ¹ / ₂	Min.	(14) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,155	1,795	2,020	2,165
			14	6 ¹ / ₁₆	8 ³ / ₁₆	2 ¹ / ₂	Max.	(18) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	1,550	2,305	2,605	2,800
		HHUS210-4	14	6 ¹ / ₁₆	8 ⁷ / ₁₆	3	—	(30) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,930	4,850	5,485	5,575
SS SS	2x12	LUS210	18	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	(8) 0.148 x 3	(4) 0.148 x 3	1,000	1,150	1,315	1,410
		LU210	20	1 ⁹ / ₁₆	7 ¹³ / ₁₆	1 ¹ / ₂	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	730	1,195	1,360	1,390
		U210	16	1 ⁹ / ₁₆	7 ¹³ / ₁₆	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,240	1,345	1,345
		LUC210Z	18	1 ⁹ / ₁₆	7 ³ / ₄	1 ³ / ₄	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	845	1,020	1,155	1,250
		HU212	14	1 ⁹ / ₁₆	9	—	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	975	1,280	1,445	1,550
		HUS210	16	1 ⁹ / ₁₆	9	3	—	(30) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,265	4,685	4,985	5,015
SS SS	DBL 2x12	LUS210-2	18	3 ¹ / ₁₆	9	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
		U210-2	16	3 ¹ / ₁₆	8 ¹ / ₂	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
		LUS214-2	18	3 ¹ / ₁₆	10 ¹⁵ / ₁₆	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,815	2,060	2,225
		HUS210-2	14	3 ¹ / ₁₆	9 ⁹ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	2,810	1,815	2,050	2,215
		HUS212-2	14	3 ¹ / ₁₆	10 ³ / ₄	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
		HU212-2 / HUC212-2	14	3 ¹ / ₁₆	10 ⁹ / ₁₆	2 ¹ / ₂	Min.	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	2,050	2,315	2,475
			14	3 ¹ / ₁₆	10 ⁹ / ₁₆	2 ¹ / ₂	Max.	(22) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,820	3,180	3,425
		HUCQ210-2-SDS	14	3 ¹ / ₄	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,015	3,600	3,710	3,710
SS SS	TPL 2x12	LUS210-3	18	4 ⁵ / ₁₆	8 ³ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
		HU212-3 / HUC212-3	14	4 ¹ / ₁₆	10 ⁹ / ₁₆	2 ¹ / ₂	Min.	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	2,050	2,315	2,475
			14	4 ¹ / ₁₆	10 ⁹ / ₁₆	2 ¹ / ₂	Max.	(22) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,820	3,180	3,425
		U210-3	16	4 ⁵ / ₁₆	7 ³ / ₄	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
		HUCQ210-3-SDS	14	4 ⁵ / ₁₆	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,015	3,600	3,710	3,710

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Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		SPF/HF Allowable Loads (lb.)			
			W	H	B		Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
Sawn Lumber Sizes												
SS	LUS210	18	1 ¹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	(8) 0.148 x 3	(4) 0.148 x 3	1,000	1,150	1,315	1,410
	LU210	20	1 ¹ / ₁₆	7 ¹³ / ₁₆	1 ³ / ₄	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	730	1,195	1,360	1,390
	U210	16	1 ¹ / ₁₆	7 ¹³ / ₁₆	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,240	1,345	1,345
	HU214	14	1 ¹ / ₁₆	10 ¹ / ₈	2 ¹ / ₄	—	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	975	1,540	1,735	1,860
	U214	16	1 ¹ / ₁₆	10	2	—	(12) 0.162 x 3 ¹ / ₂	(8) 0.148 x 1 ¹ / ₂	850	1,490	1,680	1,815
	U210-2	16	3 ¹ / ₈	8 ¹ / ₂	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
	LUS214-2	18	3 ¹ / ₈	10 ⁵ / ₁₆	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,815	2,060	2,225
	HUS212-2	14	3 ¹ / ₈	10 ³ / ₄	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
	HU212-2 / HUC212-2	14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Min.	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	2,050	2,315	2,475
		14	3 ¹ / ₈	10 ⁹ / ₁₆	2 ¹ / ₂	Max.	(22) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,820	3,180	3,425
	HU214-2 / HUC214-2	14	3 ¹ / ₈	12 ¹³ / ₁₆	2 ¹ / ₂	Min.	(18) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,305	2,600	2,785
		14	3 ¹ / ₈	12 ¹³ / ₁₆	2 ¹ / ₂	Max.	(24) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,965	3,075	3,470	3,735
SS	HUCQ210-2-SDS	14	3 ¹ / ₄	9	3	—	(12) 1/4 x 2 ¹ / ₂ SDS	(6) 1/4 x 2 ¹ / ₂ SDS	2,015	3,600	3,710	3,710
	U210-3	16	4 ⁵ / ₁₆	7 ³ / ₄	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
	HU214-3 / HUC214-3	14	4 ¹ / ₁₆	12 ¹ / ₁₆	2 ¹ / ₂	Min.	(18) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,305	2,600	2,785
		14	4 ¹ / ₁₆	12 ¹ / ₁₆	2 ¹ / ₂	Max.	(24) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,735	3,075	3,470	3,735
SS	HUCQ210-3-SDS	14	4 ⁵ / ₁₆	9	3	—	(12) 1/4 x 2 ¹ / ₂ SDS	(6) 1/4 x 2 ¹ / ₂ SDS	2,015	3,600	3,710	3,710
	U214	16	1 ¹ / ₁₆	10	2	—	(12) 0.162 x 3 ¹ / ₂	(8) 0.148 x 1 ¹ / ₂	850	1,490	1,680	1,815
	HU214	14	1 ¹ / ₁₆	10 ¹ / ₈	2 ¹ / ₄	—	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	975	1,540	1,735	1,860
	HU216	14	1 ¹ / ₁₆	12 ¹⁵ / ₁₆	2 ¹ / ₄	—	(18) 0.162 x 3 ¹ / ₂	(8) 0.148 x 1 ¹ / ₂	1,300	2,305	2,600	2,785
	HUS212-2	14	3 ¹ / ₈	10 ³ / ₄	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
	HU216-2 / HUC216-2	14	3 ¹ / ₈	13 ⁷ / ₈	2 ¹ / ₂	Min.	(20) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,565	2,890	3,095
		14	3 ¹ / ₈	13 ⁷ / ₈	2 ¹ / ₂	Max.	(26) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,735	3,330	3,760	4,045
	HU216-3 / HUC216-3	14	4 ¹ / ₁₆	13 ⁷ / ₈	2 ¹ / ₂	Min.	(20) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,565	2,890	3,095
		14	4 ¹ / ₁₆	13 ⁷ / ₈	2 ¹ / ₂	Max.	(26) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,735	3,330	3,760	4,045
	U34	16	2 ⁵ / ₁₆	3 ³ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	205	495	560	605
	HU34 / HUC34	14	2 ⁵ / ₁₆	3 ³ / ₈	2 ¹ / ₂	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 1 ¹ / ₂	325	510	575	620
	U36	16	2 ⁵ / ₁₆	5 ³ / ₈	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	460	990	1,120	1,215
SS	LUS36	18	2 ⁵ / ₁₆	5 ¹ / ₄	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	HU36 / HUC36	14	2 ⁵ / ₁₆	5 ³ / ₈	2 ¹ / ₂	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	520	1,025	1,155	1,240
	U36	16	2 ⁵ / ₁₆	5 ³ / ₈	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	460	990	1,120	1,215
	HU38 / HUC38	14	2 ⁵ / ₁₆	7 ¹ / ₈	2 ¹ / ₂	—	(10) 0.162 x 3 ¹ / ₂	(4) 0.148 x 1 ¹ / ₂	520	1,280	1,445	1,550
	U310	16	2 ⁵ / ₁₆	8 ⁷ / ₈	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,735	1,960	2,120
	LUS310	18	2 ⁵ / ₁₆	7 ¹ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	900	1,130	1,290	1,400
	HU310 / HUC310	14	2 ⁵ / ₁₆	8 ⁷ / ₈	2 ¹ / ₂	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	780	1,795	2,020	2,165
SS	HUCQ310-SDS	14	2 ⁵ / ₁₆	9	3	—	(8) 1/4 x 2 ¹ / ₂ SDS	(4) 1/4 x 2 ¹ / ₂ SDS	1,160	2,685	3,085	3,320
	U310	16	2 ⁵ / ₁₆	8 ⁷ / ₈	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,735	1,960	2,120
	HU312 / HUC312	14	2 ⁵ / ₁₆	10 ⁵ / ₈	2 ¹ / ₂	—	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	780	2,050	2,315	2,475
SS		HUCQ310-SDS	14	2 ⁵ / ₁₆	9	3	—	(8) 1/4 x 2 ¹ / ₂ SDS	(4) 1/4 x 2 ¹ / ₂ SDS	1,160	2,685	3,085
	U314	16	2 ⁵ / ₁₆	10 ¹ / ₂	2	—	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,980	2,245	2,420
	HU314 / HUC314	14	2 ⁵ / ₁₆	12 ³ / ₈	2 ¹ / ₂	—	(18) 0.162 x 3 ¹ / ₂	(8) 0.148 x 1 ¹ / ₂	1,300	2,305	2,600	2,785
SS		HUCQ310-SDS	14	2 ⁵ / ₁₆	9	3	—	(8) 1/4 x 2 ¹ / ₂ SDS	(4) 1/4 x 2 ¹ / ₂ SDS	1,160	2,685	3,085
	U316	16	2 ⁵ / ₁₆	10 ¹ / ₂	2	—	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 1 ¹ / ₂	850	1,980	2,245	2,420
	HU316 / HUC316	14	2 ⁵ / ₁₆	14 ¹ / ₈	2 ¹ / ₂	—	(20) 0.162 x 3 ¹ / ₂	(8) 0.148 x 1 ¹ / ₂	1,300	2,565	2,890	3,095
	U44	18	3 ¹ / ₁₆	3	2	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.162 x 3 ¹ / ₂	355	690	780	845
	U44 / HUC44	16	3 ¹ / ₁₆	2 ⁷ / ₈	2	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 3	205	495	560	605
		14	3 ¹ / ₁₆	2 ⁷ / ₈	2 ¹ / ₂	—	(4) 0.162 x 3 ¹ / ₂	(2) 0.148 x 3	325	510	575	620

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Solid Sawn Joist Hangers

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		SPF/HF Allowable Loads (lb.)			
			W	H	B		Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
Sawn Lumber Sizes												
4x6	LUS46	18	3 ⁹ / ₁₆	4 ³ / ₄	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	U46	16	3 ⁹ / ₁₆	4 ⁷ / ₈	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	HUS46	14	3 ⁹ / ₁₆	5	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	1,000	905	1,030	1,110
	HU46 / HUC46	14	3 ⁹ / ₁₆	5 ⁵ / ₁₆	2 ¹ / ₂	Min.	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,025	1,155	1,240
		14	3 ⁹ / ₁₆	5 ⁵ / ₁₆	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,540	1,735	1,865
4x8	LUS46	18	3 ⁹ / ₁₆	4 ³ / ₄	2	—	(4) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	885	1,005	1,090
	U46	16	3 ⁹ / ₁₆	4 ⁷ / ₈	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	LUS48	18	3 ⁹ / ₁₆	6 ³ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
	HUS48	14	3 ⁹ / ₁₆	6 ¹⁵ / ₁₆	2	—	(6) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,135	1,360	1,540	1,660
	HU48 / HUC48	14	3 ⁹ / ₁₆	6 ¹³ / ₁₆	2 ¹ / ₂	Min.	(10) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	650	1,280	1,445	1,550
14		3 ⁹ / ₁₆	6 ¹⁵ / ₁₆	2 ¹ / ₂	Max.	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	980	1,795	2,025	2,180	
4x10	LUS48	18	3 ⁹ / ₁₆	6 ³ / ₄	2	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	910	1,130	1,280	1,385
	LUS410	18	3 ⁹ / ₁₆	8 ³ / ₄	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
	U410	16	3 ⁹ / ₁₆	8 ³ / ₈	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
	HUS410	14	3 ⁹ / ₁₆	8 ¹⁵ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	2,770	1,815	2,050	2,215
	HU410 / HUC410	14	3 ⁹ / ₁₆	8 ⁵ / ₈	2 ¹ / ₂	Min.	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	1,795	2,020	2,165
14		3 ⁹ / ₁₆	8 ⁵ / ₈	2 ¹ / ₂	Max.	(18) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,305	2,605	2,800	
HUCQ410-SDS	14	3 ⁹ / ₁₆	9	3	—	(12) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	3,600	3,870	3,870	
4x12	LUS410	18	3 ⁹ / ₁₆	8 ³ / ₄	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
	LUS414	18	3 ⁹ / ₁₆	10 ³ / ₄	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,815	2,060	2,225
	U410	16	3 ⁹ / ₁₆	8 ³ / ₈	2	—	(14) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,735	1,960	2,120
	HUS410	14	3 ⁹ / ₁₆	8 ¹⁵ / ₁₆	2	—	(8) 0.162 x 3 ¹ / ₂	(8) 0.162 x 3 ¹ / ₂	2,770	1,815	2,050	2,215
	HUS412	14	3 ⁹ / ₁₆	10 ¹ / ₂	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
	HU412 / HUC412	14	3 ⁹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Min.	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	975	2,050	2,315	2,475
		14	3 ⁹ / ₁₆	10 ⁵ / ₁₆	2 ¹ / ₂	Max.	(22) 0.162 x 3 ¹ / ₂	(10) 0.148 x 3	1,635	2,820	3,180	3,425
HUCQ410-SDS	14	3 ⁹ / ₁₆	9	3	—	(12) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	3,600	3,870	3,870	
HUCQ412-SDS	14	3 ⁹ / ₁₆	11	3	—	(14) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	4,200	4,340	4,340	
4x14	LUS410	18	3 ⁹ / ₁₆	8 ³ / ₄	2	—	(8) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,575	1,785	1,930
	LUS414	18	3 ⁹ / ₁₆	10 ³ / ₄	2	—	(10) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,245	1,815	2,060	2,225
	U414	16	3 ⁹ / ₁₆	10	2	—	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,980	2,245	2,420
	HUS412	14	3 ⁹ / ₁₆	10 ¹ / ₂	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
	HU414 / HUC414	14	3 ⁹ / ₁₆	12 ³ / ₈	2 ¹ / ₂	Min.	(18) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,305	2,600	2,785
		14	3 ⁹ / ₁₆	12 ³ / ₈	2 ¹ / ₂	Max.	(24) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,965	3,075	3,470	3,735
	HUCQ410-SDS	14	3 ⁹ / ₁₆	9	3	—	(12) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	3,600	3,870	3,870
HUCQ412-SDS	14	3 ⁹ / ₁₆	11	3	—	(14) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	4,200	4,340	4,340	
4x16	U414	16	3 ⁹ / ₁₆	10	2	—	(16) 0.162 x 3 ¹ / ₂	(6) 0.148 x 3	850	1,980	2,245	2,420
	HUS412	14	3 ⁹ / ₁₆	10 ¹ / ₂	2	—	(10) 0.162 x 3 ¹ / ₂	(10) 0.162 x 3 ¹ / ₂	2,955	2,265	2,565	2,770
	HU416 / HUC416	14	3 ⁹ / ₁₆	13 ³ / ₈	2 ¹ / ₂	Min.	(20) 0.162 x 3 ¹ / ₂	(8) 0.148 x 3	1,300	2,565	2,890	3,095
		14	3 ⁹ / ₁₆	13 ³ / ₈	2 ¹ / ₂	Max.	(26) 0.162 x 3 ¹ / ₂	(12) 0.148 x 3	1,965	3,330	3,760	4,045
HUCQ412-SDS	14	3 ⁹ / ₁₆	11	3	—	(14) ¼ x 2 ¹ / ₂ SDS	(6) ¼ x 2 ¹ / ₂ SDS	1,950	4,200	4,340	4,340	
6x6	U66	16	5 ¹ / ₂	5	2	—	(8) 0.162 x 3 ¹ / ₂	(4) 0.148 x 3	460	990	1,120	1,215
	HU66 / HUC66	14	5 ¹ / ₂	4 ³ / ₁₆	2 ¹ / ₂	Min.	(8) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	770	1,025	1,155	1,240
		14	5 ¹ / ₂	4 ³ / ₁₆	2 ¹ / ₂	Max.	(12) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	1,160	1,540	1,735	1,865

See footnotes on p. 113.

Face-Mount Hangers — Solid Sawn Lumber (SPF/HF)

These products are available with additional corrosion protection. For more information, see p. 14.

SS For stainless-steel fasteners, see p. 21.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 348–352 for more information.

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		SPF/HF Allowable Loads (lb.)			
			W	H	B		Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
Sawn Lumber Sizes												
6x8	U66	16	5½	5	2	—	(8) 0.162 x 3½	(4) 0.148 x 3	460	990	1,120	1,215
	HU68 / HUC68	14	5½	5¼	2½	Min.	(10) 0.162 x 3½	(4) 0.162 x 3½	770	1,280	1,445	1,550
		14	5½	5¼	2½	Max.	(14) 0.162 x 3½	(6) 0.162 x 3½	1,160	1,795	2,025	2,180
6x10	U610	16	5½	8½	2	—	(14) 0.162 x 3½	(6) 0.148 x 3	850	1,735	1,960	2,120
	HU610 / HUC610	14	5½	7¾	2½	Min.	(14) 0.162 x 3½	(6) 0.162 x 3½	1,155	1,795	2,020	2,165
			14	5½	7¾	2½	Max.	(18) 0.162 x 3½	(8) 0.162 x 3½	1,550	2,305	2,605
	HUCQ610-SDS	14	5½	9	3	—	(12) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	3,600	4,140	4,460
6x12	HU612 / HUC612	14	5½	9¾	2½	Min.	(16) 0.162 x 3½	(6) 0.162 x 3½	1,155	2,050	2,315	2,475
		14	5½	9¾	2½	Max.	(22) 0.162 x 3½	(8) 0.162 x 3½	1,550	2,820	3,180	3,425
	HUCQ610-SDS	14	5½	9	3	—	(12) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	3,600	4,140	4,460
	HUCQ612-SDS	14	5½	11	3	—	(14) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	4,200	4,460	4,460
6x14	HU614 / HUC614	14	5½	11¾	2½	Min.	(18) 0.162 x 3½	(8) 0.162 x 3½	1,550	2,305	2,605	2,800
		14	5½	11¾	2½	Max.	(24) 0.162 x 3½	(12) 0.162 x 3½	1,530	2,305	2,600	2,785
	HUCQ610-SDS	14	5½	9	3	—	(12) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	3,600	4,140	4,460
	HUCQ612-SDS	14	5½	11	3	—	(14) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	4,200	4,460	4,460
6x16	HU616 / HUC616	14	5½	12¼	2½	Min.	(20) 0.162 x 3½	(8) 0.162 x 3½	1,530	2,565	2,890	3,095
		14	5½	12¼	2½	Max.	(26) 0.162 x 3½	(12) 0.162 x 3½	2,325	3,330	3,760	4,045
	HUCQ612-SDS	14	5½	11	3	—	(14) ¼ x 2½ SDS	(6) ¼ x 2½ SDS	2,000	4,200	4,460	4,460
8x8	HU88 / HUC88	14	7½	6¾	2½	Min.	(10) 0.162 x 3½	(4) 0.162 x 3½	770	1,280	1,445	1,550
		14	7½	6¾	2½	Max.	(14) 0.162 x 3½	(6) 0.162 x 3½	1,160	1,795	2,025	2,180
8x10	HU810 / HUC810	14	7½	8¾	2½	Min.	(14) 0.162 x 3½	(6) 0.162 x 3½	1,155	1,795	2,020	2,165
		14	7½	8¾	2½	Max.	(18) 0.162 x 3½	(8) 0.162 x 3½	1,550	2,305	2,605	2,800
8x12	HU812 / HUC812	14	7½	10¾	2½	Min.	(16) 0.162 x 3½	(6) 0.162 x 3½	1,155	2,050	2,315	2,475
		14	7½	10¾	2½	Max.	(22) 0.162 x 3½	(8) 0.162 x 3½	1,550	2,820	3,180	3,425
8x14	HU814 / HUC814	14	7½	11¾	2½	Min.	(18) 0.162 x 3½	(8) 0.162 x 3½	1,530	2,305	2,600	2,785
		14	7½	11¾	2½	Max.	(24) 0.162 x 3½	(12) 0.162 x 3½	2,325	3,075	3,470	3,735
8x16	HU816 / HUC816	14	7½	13¾	2½	Min.	(20) 0.162 x 3½	(8) 0.162 x 3½	1,530	2,565	2,890	3,095
		14	7½	13¾	2½	Max.	(26) 0.162 x 3½	(12) 0.162 x 3½	2,325	3,330	3,760	4,045

- Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
- For minimum nailing quantity and load values, fill all round holes; for maximum nailing quantity and load values, fill all round and triangular holes.
- DF/SP loads can be used for SCL with an equivalent specific gravity of 0.50 or greater.
- Truss chord cross-grain tension may limit allowable loads in accordance with ANSI/TPI 1-2014. Simpson Strong-Tie® Connector Selector® software includes the evaluation of cross-grain tension in its hanger allowable loads. For additional information, contact Simpson Strong-Tie.
- Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.

