

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

The Simpson Strong-Tie Hanger Selector enables you to select the most optimum product for your project. Visit app.strongtie.com/hs to access our Hanger Selector web application that takes into consideration all the characteristics seen in this catalog.



These products are available with additional corrosion protection. For more information, see p. 16.

SS For stainless-steel fasteners, see p. 23.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		DF/SP Allowable Loads (lb.)				Installed Cost Index (ICI)	Code Ref.
			W	H	B		Header		Joist		Uplift (160)	Floor (100)		
Sawn Lumber Sizes														
2X4	LU24	20	1 5/8	3 1/2	1 1/2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	240	555	630	655	Lowest	IBC®, FL, LA
	LUS24	18	1 5/8	3 1/2	1 3/4	—	(4) 0.148 x 3	(2) 0.148 x 3	435	670	765	820	3%	
	U24	16	1 5/8	3 1/2	1 1/2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	240	575	650	705	67%	
	HU26	14	1 5/8	3 1/2	2 1/4	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	305	595	670	720	295%	
DBL 2X4	LUS24-2	18	3 1/2	3 1/2	2	—	(4) 0.162 x 3 1/2	(2) 0.162 x 3 1/2	410	800	905	980	Lowest	
	U24-2	16	3 1/2	3	2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 3	240	575	650	705	33%	
	HU24-2 / HUC24-2	14	3 1/2	3 1/2	2 1/2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 3	380	595	670	720	240%	
2x6	LUS26	18	1 5/8	4 3/4	1 3/4	—	(4) 0.148 x 3	(4) 0.148 x 3	1,165	865	990	1,060	Lowest	
	LU26	20	1 5/8	4 3/4	1 1/2	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	540	835	950	1,030	6%	
	U26	16	1 5/8	4 3/4	2	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	535	865	980	1,055	43%	
	LUC26Z	18	1 5/8	4 3/4	1 3/4	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	730	845	965	1,040	160%	
	HU26	14	1 5/8	3 1/2	2 1/4	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	305	595	670	720	179%	
	HUS26	16	1 5/8	5 3/8	3	—	(14) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,320	2,735	3,095	3,230	276%	
DBL 2X6	LUS26-2	18	3 1/2	4 7/8	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	Lowest	
	U26-2	16	3 1/2	5	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	65%	
	HUS26-2	14	3 1/2	5 3/8	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,165	1,055	1,195	1,290	172%	
	HU26-2 / HUC26-2	14	3 1/2	4 15/16	2 1/2	Min.	(8) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,190	1,345	1,440	233%	
		14	3 1/2	4 15/16	2 1/2	Max.	(12) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	1,785	2,015	2,165	254%	
TPL 2x6	LUS26-3	18	4 3/8	4 1/2	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	*	
	U26-3	16	4 3/8	4 1/4	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	*	
	HU26-3 / HUC26-3	14	4 17/16	4 3/8	2 1/2	Min.	(8) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,190	1,345	1,440	*	
		14	4 17/16	4 3/8	2 1/2	Max.	(12) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	1,785	2,015	2,165	*	
2x8	LUS26	18	1 5/8	4 3/4	1 3/4	—	(4) 0.148 x 3	(4) 0.148 x 3	1,165	865	990	1,060	Lowest	
	LU26	20	1 5/8	4 3/4	1 1/2	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	540	835	950	1,030	6%	
	LUS28	18	1 5/8	6 3/8	1 3/4	—	(6) 0.148 x 3	(4) 0.148 x 3	1,165	1,100	1,260	1,350	23%	
	LU28	20	1 5/8	6 3/8	1 1/2	—	(8) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	850	1,110	1,180	1,180	39%	
	U26	16	1 5/8	4 3/4	2	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	535	865	980	1,055	43%	
	LUC26Z	18	1 5/8	4 3/4	1 3/4	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	730	845	965	1,040	160%	
	HU28	14	1 5/8	5 1/4	2 1/4	—	(6) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	605	895	1,010	1,080	251%	
	HUS26	16	1 5/8	5 3/8	3	—	(14) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,320	2,735	3,095	3,230	276%	
DBL 2x8	HUS28	16	1 5/8	7	3	—	(22) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,760	4,095	4,095	4,095	409%	
	LUS26-2	18	3 1/2	4 7/8	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	Lowest	
	LUS28-2	18	3 1/2	7	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	8%	
	U26-2	16	3 1/2	5	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	65%	
	HUS28-2	14	3 1/2	7 3/8	2	—	(6) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,320	1,580	1,790	1,930	188%	
	HU28-2 / HUC28-2	14	3 1/2	6 5/8	2 1/2	Min.	(10) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,490	1,680	1,800	397%	
		14	3 1/2	6 5/8	2 1/2	Max.	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,085	2,350	2,530	418%	
TPL 2X8	LUS28-3	18	4 3/8	6 1/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	*	
	U26-3	16	4 3/8	4 1/4	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	*	
	HU26-3 / HUC26-3	14	4 17/16	4 3/8	2 1/2	Min.	(8) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,190	1,345	1,440	*	
		14	4 17/16	4 3/8	2 1/2	Max.	(12) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	1,785	2,015	2,165	*	
QUAD 2X8	HU28-4 / 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	755	1,490	1,680	1,800	*	
		14	6 1/8	7	2 1/2	Max.	(14) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,135	2,085	2,350	2,530	*	

See footnotes on p. 112.

Codes: See p. 13 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

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Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		DF/SP Allowable Loads (lb.)				Installed Cost Index (ICI)	Code Ref.	
			W	H	B		Header		Joist	Uplift (160)	Floor (100)	Snow (115)			Roof (125)
Sawn Lumber Sizes															
SS	2x10	LUS28	18	1 1/8	6 3/8	1 3/4	—	(6) 0.148 x 3	(4) 0.148 x 3	1,165	1,100	1,260	1,350	Lowest	IBC®, FL, LA
		LU28	20	1 1/8	6 3/8	1 1/2	—	(8) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	850	1,110	1,180	1,180	13%	
		LUS210	18	1 1/8	7 13/16	1 3/4	—	(8) 0.148 x 3	(4) 0.148 x 3	1,165	1,335	1,530	1,640	15%	
		LU210	20	1 1/8	7 13/16	1 1/2	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	850	1,390	1,580	1,615	28%	
		U210	16	1 1/8	7 13/16	2	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	1,440	1,565	1,565	76%	
		LUC210Z	18	1 1/8	7 3/4	1 3/4	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	985	1,410	1,605	1,735	180%	
		HU210	14	1 1/8	7 1/8	2 1/4	—	(8) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	605	1,190	1,345	1,440	225%	
		HUS210	16	1 1/8	9	3	—	(30) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,635	5,450	5,795	5,830	450%	
HGUS210	12	1 1/8	9 1/8	5	—	(46) 0.162 x 3 1/2	(16) 0.162 x 3 1/2	2,090	9,100	9,100	9,100	*			
DBL 2X10	LUS28-2	18	3 1/8	7	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	Lowest		
	LUS210-2	18	3 1/8	9	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	34%		
	U210-2	16	3 1/8	8 1/2	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	88%		
	HUS210-2	14	3 1/8	9 3/8	2	—	(8) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	3,270	2,110	2,385	2,575	217%		
	HU210-2 / HUC210-2	14	3 1/8	8 5/8	2 1/2	Min.	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,085	2,350	2,520	441%		
		14	3 1/8	8 5/8	2 1/2	Max.	(18) 0.162 x 3 1/2	(10) 0.148 x 3	1,895	2,680	3,020	3,250	467%		
	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	2,345	4,315	4,315	4,315	*		
	HHUS210-2	14	3 5/8	9 3/8	3	—	(30) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,550	5,705	6,435	6,485	*		
TPL 2X10	LUS28-3	18	4 5/8	6 1/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	*		
	LUS210-3	18	4 5/8	8 3/8	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	*		
	U210-3	16	4 5/8	7 3/4	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	*		
	HU210-3 / HUC210-3	14	4 11/16	8 1/8	2 1/2	Min.	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,085	2,350	2,520	*		
		14	4 11/16	8 1/8	2 1/2	Max.	(18) 0.162 x 3 1/2	(10) 0.148 x 3	1,895	2,680	3,020	3,250	*		
	HHUS210-3	14	4 11/16	8 7/8	3	—	(30) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,575	5,640	6,380	6,485	*		
	HGUS210-3	12	4 15/16	9 1/8	4	—	(46) 0.162 x 3 1/2	(16) 0.162 x 3 1/2	4,095	9,100	9,100	9,100	*		
	HUCQ210-3-SDS	14	4 5/8	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,345	4,315	4,315	4,315	*		
QUAD 2x10	HU210-4 / HUC210-4	14	6 1/8	8 3/8	2 1/2	Min.	(14) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,085	2,350	2,520	*		
		14	6 1/8	8 3/8	2 1/2	Max.	(18) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,795	2,680	3,020	3,250	*		
	HHUS210-4	14	6 1/8	8 7/8	3	—	(30) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,575	5,640	6,380	6,485	*		
	HGUS210-4	12	6 9/16	9 1/8	4	—	(46) 0.162 x 3 1/2	(16) 0.162 x 3 1/2	4,095	9,100	9,100	9,100	*		
2x12	LUS210	18	1 1/8	7 13/16	1 3/4	—	(8) 0.148 x 3	(4) 0.148 x 3	1,165	1,335	1,530	1,640	Lowest	IBC, FL, LA	
	LU210	20	1 1/8	7 13/16	1 1/2	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	850	1,390	1,580	1,615	11%		
	U210	16	1 1/8	7 13/16	2	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	1,440	1,565	1,565	53%		
	LUC210Z	18	1 1/8	7 3/4	1 3/4	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	985	1,410	1,605	1,735	180%		
	HU212	14	1 1/8	9	2 1/4	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	1,135	1,490	1,680	1,800	347%		
	HUS210	16	1 1/8	9	3	—	(30) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,635	5,450	5,795	5,830	378%		
DBL 2x12	LUS210-2	18	3 1/8	9	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	Lowest		
	U210-2	16	3 1/8	8 1/2	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	40%		
	LUS214-2	18	3 1/8	10 15/16	2	—	(10) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	2,110	2,395	2,590	56%		
	HUS210-2	14	3 1/8	9 3/8	2	—	(8) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	3,270	2,110	2,385	2,575	*		
	HUS212-2	14	3 1/8	10 3/4	2	—	(10) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	*		
	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	1,135	2,385	2,690	2,880	*		
		14	3 1/8	10 9/16	2 1/2	Max.	(22) 0.162 x 3 1/2	(10) 0.148 x 3	1,895	3,275	3,695	3,970	411%		
	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	2,345	4,315	4,315	4,315	*		
TPL 2x12	LUS210-3	18	4 5/8	8 3/8	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	*		
	HU212-3 / HUC212-3	14	4 11/16	9 13/16	2 1/2	Min.	(16) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,385	2,690	2,880	*		
		14	4 11/16	9 13/16	2 1/2	Max.	(22) 0.162 x 3 1/2	(10) 0.148 x 3	1,895	3,275	3,695	3,970	*		
	U210-3	16	4 5/8	7 3/4	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	*		
	HUCQ210-3-SDS	14	4 5/8	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,345	4,315	4,315	4,315	*		

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Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		DF/SP Allowable Loads (lb.)				Installed Cost Index (ICI)	Code Ref.	
			W	H	B		Header		Joist	Uplift (160)	Floor (100)	Snow (115)			Roof (125)
Sawn Lumber Sizes															
SS	2x14	LUS210	18	1 9/16	7 13/16	1 3/4	—	(8) 0.148 x 3	(4) 0.148 x 3	1,165	1,335	1,530	1,640	Lowest	IBC®, FL, LA
		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	850	1,390	1,580	1,615	11%	
		U210	16	1 9/16	7 13/16	2	—	(10) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	1,440	1,565	1,565	53%	
		HU214	14	1 9/16	10 1/8	2 1/4	—	(12) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	1,135	1,790	2,015	2,160	88%	
		U214	16	1 9/16	10	2	—	(12) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	990	1,730	1,955	2,110	147%	
DBL 2x14	U210-2	16	3 1/8	8 1/2	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	Lowest		
	LUS214-2	18	3 1/8	10 19/16	2	—	(10) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	2,110	2,395	2,590	12%		
	HUS212-2	14	3 1/8	10 3/4	2	—	(10) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	83%		
	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	1,135	2,385	2,690	2,880	248%		
		14	3 1/8	10 9/16	2 1/2	Max.	(22) 0.162 x 3 1/2	(10) 0.148 x 3	1,795	3,275	3,695	3,970	265%		
	HU214-2 / HUC214-2	14	3 1/8	12 1/8	2 1/2	Min.	(18) 0.162 x 3 1/2	(8) 0.148 x 3	1,510	2,680	3,025	3,240	259%		
		14	3 1/8	12 1/8	2 1/2	Max.	(24) 0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,570	4,030	4,335	276%		
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	2,345	4,315	4,315	4,315	*			
TPL 2x14	U210-3	16	4 5/8	7 3/4	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	*		
	HU214-3 / HUC214-3	14	4 11/16	12 1/16	2 1/2	Min.	(18) 0.162 x 3 1/2	(8) 0.148 x 3	1,510	2,680	3,025	3,240	*		
		14	4 11/16	12 1/16	2 1/2	Max.	(24) 0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,570	4,030	4,335	*		
HUCQ210-3-SDS	14	4 5/8	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,345	4,315	4,315	4,315	*			
2x16	U214	16	1 9/16	10	2	—	(12) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	990	1,730	1,955	2,110	Lowest		
	HU214	14	1 9/16	10 1/8	2 1/4	—	(12) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	1,135	1,790	2,015	2,160	130%		
	HU216	14	1 9/16	12 19/16	2 1/4	—	(18) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,510	2,680	3,025	3,240	130%		
DBL 2x16	HUS212-2	14	3 1/8	10 3/4	2	—	(10) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	Lowest		
	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	1,510	2,980	3,360	3,600	111%		
		14	3 1/8	13 7/8	2 1/2	Max.	(26) 0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,870	4,365	4,695	120%		
TPL 2x16	HU216-3 / HUC216-3	14	4 11/16	13 7/8	2 1/2	Min.	(20) 0.162 x 3 1/2	(8) 0.148 x 3	1,510	2,980	3,360	3,600	*		
		14	4 11/16	13 7/8	2 1/2	Max.	(26) 0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,870	4,365	4,695	*		
3x4	U34	16	2 5/8	3 3/8	2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	240	575	650	705	*		
	HU34 / HUC34	14	2 5/8	3 3/8	2 1/2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	380	595	670	720	*		
3x6	U36	16	2 5/8	5 3/8	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	535	1,150	1,305	1,410	*		
	LUS36	18	2 5/8	5 1/4	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	*		
	HU36 / HUC36	14	2 5/8	5 1/4	2 1/2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	605	1,190	1,345	1,440	*		
3x8	U36	16	2 5/8	5 3/8	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	535	1,150	1,305	1,410	*		
	LUS36	18	2 5/8	5 1/4	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	*		
	HU38 / HUC38	14	2 5/8	6 3/8	2 1/2	—	(10) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	605	1,490	1,680	1,800	*		
3x10	U310	16	2 5/8	8 7/8	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	2,015	2,280	2,465	*		
	LUS310	18	2 5/8	7 1/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,045	1,315	1,500	1,625	*		
	HU310 / HUC310	14	2 5/8	8 7/8	2 1/2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	905	2,085	2,350	2,520	*		
	HUCQ310-SDS	14	2 5/8	9	3	—	(8) 1/4 x 2 1/2 SDS	(4) 1/4 x 2 1/2 SDS	1,350	3,120	3,590	3,860	*		
3x12	U310	16	2 5/8	8 7/8	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	2,015	2,280	2,465	*		
	LUS310	18	2 5/8	7 1/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,500	1,625	*		
	HU312 / HUC312	14	2 5/8	10 7/8	2 1/2	—	(16) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	905	2,385	2,690	2,880	*		
	HUCQ310-SDS	14	2 5/8	9	3	—	(8) 1/4 x 2 1/2 SDS	(4) 1/4 x 2 1/2 SDS	1,350	3,120	3,590	3,860	*		

See footnotes on p. 112.

Codes: See p. 13 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 16.

SS For stainless-steel fasteners, see p. 23.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		DF/SP Allowable Loads (lb.)				Installed Cost Index (ICI)	Code Ref.		
			W	H	B				Header	Joist	Uplift (160)	Floor (100)			Snow (115)	Roof (125)
Sawn Lumber Sizes																
SS	3x14	U314	16	2 5/16	10 1/2	2	—	(16) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	2,305	2,610	2,815	*	IBC®, FL, LA	
		HU314 / HUC314	14	2 5/16	12 7/16	2 1/2	—	(18) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,510	2,680	3,025	3,240	*		
		HUCQ310-SDS	14	2 5/16	9	3	—	(8) 1/4 x 2 1/2 SDS	(4) 1/4 x 2 1/2 SDS	1,350	3,120	3,590	3,860	*		
3x16	U314	16	2 5/16	10 1/2	2	—	(16) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	990	2,305	2,610	2,815	*			
	HU316 / HUC316	14	2 5/16	14 3/16	2 1/2	—	(20) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,510	2,980	3,360	3,600	*			
SS	4x4	LUS44	18	3 5/16	3	2	—	(4) 0.162 x 3 1/2	(2) 0.162 x 3 1/2	410	800	905	980	Lowest		
		U44	16	3 5/16	2 7/8	2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 3	240	575	650	705	20%		
		HU44 / HUC44	14	3 5/16	2 7/8	2 1/2	—	(4) 0.162 x 3 1/2	(2) 0.148 x 3	380	595	670	720	161%		
SS	4x6	LUS46	18	3 5/16	4 3/4	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	Lowest		
		U46	16	3 5/16	4 7/8	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	37%		
		HUS46	14	3 5/16	5	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,165	1,055	1,195	1,290	152%		
			HU46 / HUC46	14	3 5/16	4 3/4	2 1/2	Min.	(8) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,190	1,345	1,440		163%
				14	3 5/16	4 3/4	2 1/2	Max.	(12) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	1,785	2,015	2,165		185%
SS	4x8	LUS46	18	3 5/16	4 3/4	2	—	(4) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,030	1,170	1,265	Lowest		
		U46	16	3 5/16	4 7/8	2	—	(8) 0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	37%		
		LUS48	18	3 5/16	6 3/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	40%		
		HUS48	14	3 5/16	6 15/16	2	—	(6) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,320	1,580	1,790	1,930	203%		
			HU48 / HUC48	14	3 5/16	6 1/2	2 1/2	Min.	(10) 0.162 x 3 1/2	(4) 0.148 x 3	755	1,490	1,680	1,800		213%
				14	3 5/16	6 1/2	2 1/2	Max.	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,085	2,350	2,530		235%
SS	4x10	LUS48	18	3 5/16	6 3/4	2	—	(6) 0.162 x 3 1/2	(4) 0.162 x 3 1/2	1,060	1,315	1,490	1,610	Lowest		
		LUS410	18	3 5/16	8 3/4	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	19%		
		U410	16	3 5/16	8 3/8	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	74%		
		HUS410	14	3 5/16	8 15/16	2	—	(8) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	3,220	2,110	2,385	2,575	154%		
			HU410 / HUC410	14	3 5/16	8 3/8	2 1/2	Min.	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,085	2,350	2,520		232%
		14		3 5/16	8 3/8	2 1/2	Max.	(18) 0.162 x 3 1/2	(10) 0.148 x 3	1,795	2,680	3,020	3,250	253%		
SS	4x12	HUCQ410-SDS	14	3 5/16	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,265	4,500	4,500	4,500	*		
		LUS410	18	3 5/16	8 3/4	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	Lowest		
		LUS414	18	3 5/16	10 3/4	2	—	(10) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	2,110	2,395	2,590	33%		
		U410	16	3 5/16	8 3/8	2	—	(14) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	46%		
		HUS410	14	3 5/16	8 15/16	2	—	(8) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	3,220	2,110	2,385	2,575	114%		
			HUS412	14	3 5/16	10 1/2	2	—	(10) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	129%	
		HU412 / HUC412	14	3 5/16	10 3/8	2 1/2	Min.	(16) 0.162 x 3 1/2	(6) 0.148 x 3	1,135	2,385	2,690	2,880	268%		
			14	3 5/16	10 3/8	2 1/2	Max.	(22) 0.162 x 3 1/2	(10) 0.148 x 3	1,795	3,275	3,695	3,970	290%		
		HUCQ410-SDS	14	3 5/16	9	3	—	(12) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,265	4,500	4,500	4,500	*		
SS	4x14	HUCQ412-SDS	14	3 5/16	11	3	—	(14) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,265	5,045	5,045	5,045	*		
		LUS410	18	3 5/16	8 3/4	2	—	(8) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	1,830	2,075	2,245	Lowest		
		LUS414	18	3 5/16	10 3/4	2	—	(10) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,445	2,110	2,395	2,590	33%		
		U414	16	3 5/16	10	2	—	(16) 0.162 x 3 1/2	(6) 0.148 x 3	990	2,305	2,610	2,815	93%		
		HUS412	14	3 5/16	10 1/2	2	—	(10) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	129%		
			HU414 / HUC414	14	3 5/16	11 15/16	2 1/2	Min.	(18) 0.162 x 3 1/2	(8) 0.148 x 3	1,510	2,680	3,025	3,240	333%	
		14		3 5/16	11 15/16	2 1/2	Max.	(24) 0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,570	4,030	4,335	355%		
SS		HUCQ412-SDS	14	3 5/16	11	3	—	(14) 1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,265	5,045	5,045	5,045	*		

See footnotes on p. 112.

Codes: See p. 13 for Code Reference Key Chart

Face-Mount Hangers — Solid Sawn Lumber (DF/SP)

These products are available with additional corrosion protection. For more information, see p. 16.

SS For stainless-steel fasteners, see p. 23.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Solid Sawn Joist Hangers

Joist Size	Model No.	Ga.	Dimensions (in.)			Min./Max.	Fasteners (in.)		DF/SP Allowable Loads (lb.)				Installed Cost Index (ICI)	Code Ref.	
			W	H	B				Header	Joist	Uplift (160)	Floor (100)			Snow (115)
Sawn Lumber Sizes															
4x16	U414	16	3 ³ / ₁₆	10	2	—	(16)	0.162 x 3 1/2	(6) 0.148 x 3	990	2,305	2,610	2,815	Lowest	IBC®, FL, LA
	HUS412	14	3 ³ / ₁₆	10 1/2	2	—	(10)	0.162 x 3 1/2	(10) 0.162 x 3 1/2	3,435	2,635	2,985	3,220	19%	
	HU416 / HUC416	14	3 ³ / ₁₆	13 1/16	2 1/2	Min.	(20)	0.162 x 3 1/2	(8) 0.148 x 3	1,510	2,980	3,360	3,600	167%	
		14	3 ³ / ₁₆	13 1/16	2 1/2	Max.	(26)	0.162 x 3 1/2	(12) 0.148 x 3	2,015	3,870	4,365	4,695	178%	
6x6	U66	16	5 1/2	5	2	—	(8)	0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	*	
	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	895	1,190	1,345	1,440	*	
		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	1,345	1,785	2,015	2,165	*	
6x8	U66	16	5 1/2	5	2	—	(8)	0.162 x 3 1/2	(4) 0.148 x 3	535	1,150	1,305	1,410	*	
	HU68 / HUC68	14	5 1/2	5 3/16	2 1/2	Min.	(10)	0.162 x 3 1/2	(4) 0.162 x 3 1/2	895	1,490	1,680	1,800	*	
		14	5 1/2	5 3/16	2 1/2	Max.	(14)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,085	2,350	2,530	*	
6x10	U610	16	5 1/2	8 1/2	2	—	(14)	0.162 x 3 1/2	(6) 0.148 x 3	990	2,015	2,280	2,465	*	
	HU610 / HUC610	14	5 1/2	7 7/16	2 1/2	Min.	(14)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,085	2,350	2,520	*	
		14	5 1/2	7 7/16	2 1/2	Max.	(18)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,795	2,680	3,020	3,250	*	
	HUCQ610-SDS	14	5 1/2	9	3	—	(12)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	4,680	5,185	5,185	*	
6x12	HU612 / HUC612	14	5 1/2	9 3/16	2 1/2	Min.	(16)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,385	2,690	2,880	*	
		14	5 1/2	9 3/16	2 1/2	Max.	(22)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,795	3,275	3,695	3,970	*	
	HUCQ610-SDS	14	5 1/2	9	3	—	(12)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	4,680	5,185	5,185	*	
	HUCQ612-SDS	14	5 1/2	11	3	—	(14)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	5,185	5,185	5,185	*	
6x14	HU614 / HUC614	14	5 1/2	11 5/16	2 1/2	Min.	(18)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,780	2,680	3,025	3,240	*	
		14	5 1/2	11 5/16	2 1/2	Max.	(24)	0.162 x 3 1/2	(12) 0.162 x 3 1/2	2,695	3,570	4,030	4,335	*	
	HUCQ610-SDS	14	5 1/2	9	3	—	(12)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	4,680	5,185	5,185	*	
	HUCQ612-SDS	14	5 1/2	11	3	—	(14)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	5,185	5,185	5,185	*	
6x16	HU616 / HUC616	14	5 1/2	13 3/16	2 1/2	Min.	(20)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,780	2,980	3,360	3,600	*	
		14	5 1/2	13 3/16	2 1/2	Max.	(26)	0.162 x 3 1/2	(12) 0.162 x 3 1/2	2,695	3,870	4,365	4,695	*	
	HUCQ612-SDS	14	5 1/2	11	3	—	(14)	1/4 x 2 1/2 SDS	(6) 1/4 x 2 1/2 SDS	2,325	5,185	5,185	5,185	*	
8x8	HU88 / HUC88	14	7 1/2	6 5/16	2 1/2	Min.	(10)	0.162 x 3 1/2	(4) 0.162 x 3 1/2	895	1,490	1,680	1,800	*	
		14	7 1/2	6 5/16	2 1/2	Max.	(14)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,085	2,350	2,530	*	
8x10	HU810 / HUC810	14	7 1/2	8 5/16	2 1/2	Min.	(14)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,085	2,350	2,520	*	
		14	7 1/2	8 5/16	2 1/2	Max.	(18)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,795	2,680	3,020	3,250	*	
8x12	HU812 / HUC812	14	7 1/2	10 5/16	2 1/2	Min.	(16)	0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,345	2,385	2,690	2,880	*	
		14	7 1/2	10 5/16	2 1/2	Max.	(22)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,795	3,275	3,695	3,970	*	
8x14	HU814 / HUC814	14	7 1/2	11 5/16	2 1/2	Min.	(18)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,780	2,680	3,025	3,240	*	
		14	7 1/2	11 5/16	2 1/2	Max.	(24)	0.162 x 3 1/2	(12) 0.162 x 3 1/2	2,695	3,570	4,030	4,335	*	
8x16	HU816 / HUC816	14	7 1/2	13 3/16	2 1/2	Min.	(20)	0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,780	2,980	3,360	3,600	*	
		14	7 1/2	13 3/16	2 1/2	Max.	(26)	0.162 x 3 1/2	(12) 0.162 x 3 1/2	2,695	3,870	4,365	4,695	*	

IBC®,
FL, LA

- 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 [Hanger Selector web application](#) 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. 23–24 for fastener information.
- Hangers with an "*" do not have an Installed Cost Index.

Codes: See p. 13 for Code Reference Key Chart



Specify joist-to-beam connections by visiting app.strongtie.com/hs to access our Hanger Selector web application.

