

# HUTF/HUSTF

## Heavy-Duty and Double-Shear Top-Flange Joist Hangers

See dimensions, material, loads on table pages.

HUSTF has the double-shear nailing advantage — distributing the joist load through two points on each nail for greater strength.

**Finish:** Galvanized. See Corrosion Information, pp. 12–15.

### Installation:

- Use all specified fasteners; see General Notes
- Not acceptable for nailer or welded applications; see WP, HWP, HWPH and BA hangers
- HUTF — The minimum header or ledger size that can be used with this hanger is 3½"
- HUSTF — With 3x carrying members, use 0.162" x 2½" nails into the header and 0.162" x 3½" nails into the joist

### Options:

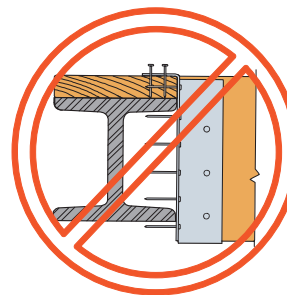
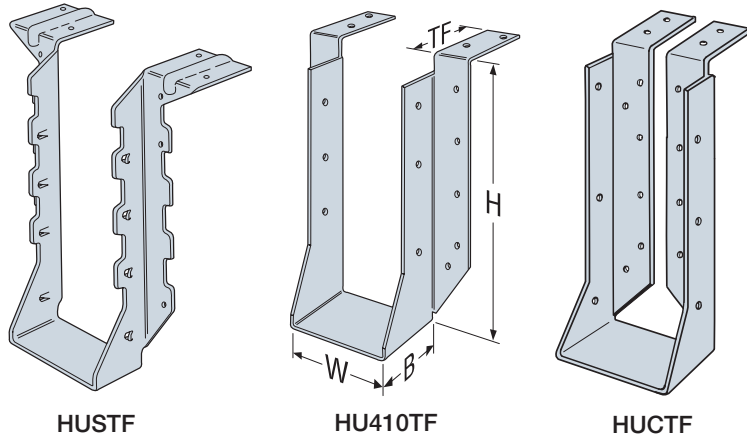
- See Hanger Options General Notes on p. 97.
- HUTF rough beam sizes are available by special order.
- HUSTF cannot be modified.

### Sloped and/or Skewed Seat

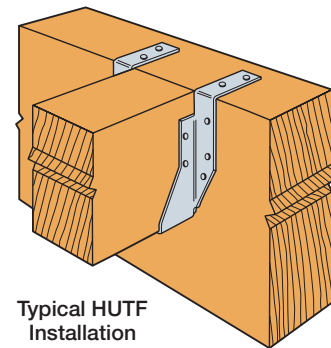
- HUTF can be skewed to a maximum of 45° or sloped to a maximum of 45°. HUTF can be skewed and sloped down only, provided  $W \geq 2\frac{3}{8}"$ . No skew with slope up options available.
- For skews greater than 15°, uplift loads are 0.75 of the table loads. Hangers with a skew greater than 15° may have all the joist nailing on the outside angle.
- For sloped and skewed combinations, the allowable loads are 0.70 of the table loads.
- For sloped down only hangers, allowable load is 0.78 of the table load.

### Concealed Flange

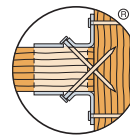
- HUTF is available with one A flange concealed at 0.85 of the catalog table load.
- HUTF is available with both flanges concealed provided the W dimension is 2½" or greater, at 0.85 of the table load. Specify HUCTF for both flanges concealed. No skew options available.



Nailer application is not acceptable. Fasteners cannot be installed.

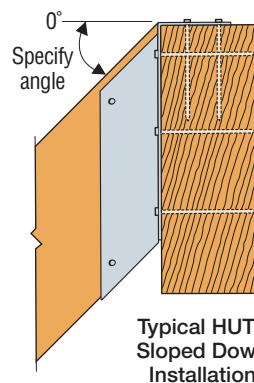


Typical HUTF Installation

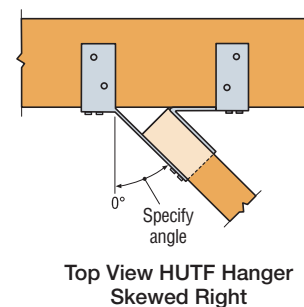


Double-Shear Nailing Top View

Some model configurations may differ from those shown. Production models have projected seats. Square-cut seats may be ordered. Contact Simpson Strong-Tie for details.



Typical HUTF Sloped Down Installation



Top View HUTF Hanger Skewed Right

# Top-Flange Hangers – Solid Sawn Lumber (DF/SP)

Visit [strongtie.com/software](http://strongtie.com/software) to learn more about our Joist Hanger Selector software.

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

Joist or Purlin Size	Model No.	Ga.	Dimensions				Fasteners (in.)		DF/SP Allowable Loads				Installed Cost Index (ICI)	Code Ref.
			W	H	B	TF	Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)		
<b>Sawn Lumber Sizes</b>														
2x4	PF24	18	1 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	(2) 0.148 x 3	(2) 0.148 x 3	300	1,255	1,255	1,255	Lowest	
	HU24TF	12	1 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	190	1,865	1,865	1,865	850%	
DBL 2x4	HU24-2TF	12	3 <sup>1</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	370	2,050	2,050	2,050	Lowest	
2x6	JB26	18	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	(4) 0.148 x 3	(2) Prong	—	995	995	995	Lowest	
	LB26	14	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	380	1,135	1,135	1,135	117%	
	HU26TF	12	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>16</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	660	2,550	2,550	2,550	568%	
DBL 2x6	HUS26-2TF	14	3 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2	1 <sup>3</sup> / <sub>4</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,200	2,440	2,440	2,440	Lowest	
	WP26-2	12	3 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	33%	
	HU26-2TF	12	3 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 3	815	2,785	2,785	2,785	87%	
2x8	JB28	18	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>9</sup> / <sub>16</sub>	(4) 0.148 x 3	(2) Prong	—	955	955	955	Lowest	
	LB28	14	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	380	1,135	1,135	1,135	98%	
	HU28TF	12	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>16</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	700	2,910	2,970	3,010	563%	
DBL 2x8	HUS28-2TF	14	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	2	1 <sup>7</sup> / <sub>8</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,765	3,400	3,400	3,400	Lowest	
	WP28-2	12	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	16%	
	HU28-2TF	12	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 3	815	3,265	3,265	3,265	75%	
2x10	JB210A	18	1 <sup>9</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	260	1,685	1,685	1,685	*	
	LB210AZ	14	1 <sup>9</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	355	1,865	1,865	1,865	*	
	HU210TF	12	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>16</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	700	2,910	2,970	3,010	359%	
DBL 2x10	BA210-2	14	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 3	1,275	4,720	4,720	4,720	*	
	HUS210-2TF	14	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	2	1 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,315	3,735	4,065	4,275	Lowest	
	WP210-2	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	9%	
	HU210-2TF	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(14) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.148 x 3	1,220	3,945	3,945	3,945	67%	
TPL 2x10	HU210-3TF	12	4 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(14) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,420	3,945	3,945	3,945	Lowest	
2x12	JB212A	18	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	260	1,685	1,685	1,685	*	
	LB212AZ	14	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	355	1,865	1,865	1,865	*	
	HU212TF	12	1 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>16</sub>	(14) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	700	3,070	3,070	3,070	339%	
DBL 2x12	HUS212-2TF	14	3 <sup>1</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>4</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,080	4,375	4,375	4,375	Lowest	
	WP212-2	12	3 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	12%	
	HU212-2TF	12	3 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.148 x 3	1,220	4,590	4,590	4,590	48%	
TPL 2x12	HU212-3TF	12	4 <sup>1</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,420	4,590	4,590	4,590	Lowest	
2x14	JB214A	18	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	260	1,685	1,685	1,685	*	
	LB214AZ	14	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>9</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	355	1,865	1,865	1,865	*	
	HU214TF	12	1 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,140	2,955	3,045	3,110	189%	
DBL 2x14	HUS214-2TF	14	3 <sup>1</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>4</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,715	4,065	4,065	4,065	Lowest	
	WP214-2	12	3 <sup>1</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	2%	
	HU214-2TF	12	3 <sup>1</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(18) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 3	1,330	4,030	4,030	4,030	33%	
TPL 2x14	HU214-3TF	12	4 <sup>1</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(18) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,560	4,030	4,030	4,030	Lowest	
2x16	LB216	14	1 <sup>9</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	380	1,480	1,480	1,480	Lowest	
	HU216TF	12	1 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(18) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,065	3,235	3,360	3,440	199%	

IBC, FL, LA

Solid Sawn Joist Hangers

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See footnotes on p. 133.

Codes: See p. 11 for Code Reference Key Chart

# Top-Flange Hangers – Solid Sawn Lumber (DF/SP)

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

Solid Sawn Joist Hangers

Joist or Purlin Size	Model No.	Ga.	Dimensions				Fasteners (in.)		DF/SP Allowable Loads				Installed Cost Index (ICI)	Code Ref.	
			W	H	B	TF	Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)			
<b>Sawn Lumber Sizes</b>															
DBL 2x16	WP216-2	12	3 1/8	15	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 3	—	2,985	2,985	2,985	Lowest	IBC, FL, LA	
	HU216-2TF	12	3 1/8	15	2 1/2	2 1/2	(20) 0.162 x 3 1/2	(8) 0.148 x 3	1,400	4,050	4,050	4,050	34%		
TPL 2x16	HU216-3TF	12	4 1/8	15	2 1/2	2 1/2	(20) 0.162 x 3 1/2	(8) 0.162 x 3 1/2	1,640	4,050	4,050	4,050	Lowest		
3x4	HU34TF	12	2 5/8	3 7/8	2 1/2	2 1/2	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	370	2,050	2,050	2,050	*		
3x6	HU36TF	12	2 5/8	5 3/8	2 1/2	2 1/2	(10) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	705	2,785	2,785	2,785	*		
3x8	HU38TF	12	2 5/8	7 1/8	2 1/2	2 1/2	(12) 0.162 x 3 1/2	(4) 0.148 x 1 1/2	640	3,265	3,265	3,265	*		
3x10	BA310	14	2 5/8	9 3/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 3	1,275	4,720	4,720	4,720	*		
	HU310TF	12	2 5/8	9 3/8	2 1/2	2 1/2	(14) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	1,220	3,945	3,945	3,945	*		
3x12	WP312	12	2 5/8	11 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 1 1/2	—	2,985	2,985	2,985	*		
	HU312TF	12	2 5/8	11	2 1/2	2 1/2	(16) 0.162 x 3 1/2	(6) 0.148 x 1 1/2	1,140	4,590	4,590	4,590	*		
3x14	WP314	12	2 5/8	13 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 1 1/2	—	2,985	2,985	2,985	*		
	HU314TF	12	2 5/8	13	2 1/2	2 1/2	(18) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,065	4,030	4,030	4,030	*		
3x16	WP316	12	2 5/8	15	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 1 1/2	—	2,985	2,985	2,985	*		
	HU316TF	12	2 5/8	15	2 1/2	2 1/2	(20) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,125	4,050	4,050	4,050	*		
4x3	HU43TF	12	3 5/8	3	2 1/2	2 1/2	(8) 0.162 x 3 1/2	(2) 0.148 x 3	330	2,600	2,600	2,600	*		—
4x4	HU44TF	12	3 5/8	3 7/8	2 1/2	2 1/2	(8) 0.162 x 3 1/2	(2) 0.148 x 3	370	2,050	2,050	2,050	Lowest		IBC, FL, LA
4x6	HU46TF	12	3 5/8	5 3/8	2 1/2	2 1/2	(10) 0.162 x 3 1/2	(4) 0.148 x 3	815	2,785	2,785	2,785	28%		
	WP46	12	3 5/8	5 7/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 1 1/2	—	2,985	2,985	2,985	*		
4x8	BA48 (Min.)	14	3 5/8	7 1/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	3,205	3,205	3,205	Lowest		
	BA48 (Max.)	14	3 5/8	7 1/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,720	4,720	4,720	7%		
	HU48TF	12	3 5/8	7 1/8	2 1/2	2 1/2	(12) 0.162 x 3 1/2	(4) 0.148 x 3	815	3,265	3,265	3,265	95%		
	WP48	12	3 5/8	7 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 1 1/2	—	2,985	2,985	2,985	*		
4x10	BA410 (Min.)	14	3 5/8	9 3/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	3,205	3,205	3,205	Lowest		
	BA410 (Max.)	14	3 5/8	9 3/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,720	4,720	4,720	7%		
	HU410TF	12	3 5/8	9 3/8	2 1/2	2 1/2	(14) 0.162 x 3 1/2	(6) 0.148 x 3	1,220	3,945	3,945	3,945	86%		
	HWP410	12	3 5/8	9 3/8	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,955	3,955	3,955	*		
	HB410	7	3 5/8	9 3/8	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,395	5,395	5,395	*		
4x12	HGLT4 H = 9 3/8	7	3 5/8	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*		
	BA412 (Min.)	14	3 5/8	11	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	3,870	3,870	3,870	Lowest		
	BA412 (Max.)	14	3 5/8	11	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,720	4,720	4,720	6%		
	WP412	12	3 5/8	11 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 3	—	2,985	2,985	2,985	32%		
	HU412TF	12	3 5/8	11	2 1/2	2 1/2	(16) 0.162 x 3 1/2	(6) 0.148 x 3	1,220	4,590	4,590	4,590	84%		
	HWP412	12	3 5/8	11 1/8	3 1/4	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,955	3,955	3,955	*		
4x14	HB412	10	3 5/8	11 1/8	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,395	5,395	5,395	*		
	HGLT4 H = 11 1/8	7	3 5/8	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*		
	WP414	12	3 5/8	13 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 3	—	2,985	2,985	2,985	13%		
	HU414TF	12	3 5/8	13	2 1/2	2 1/2	(18) 0.162 x 3 1/2	(8) 0.148 x 3	1,330	4,030	4,030	4,030	89%		
	HB414	10	3 5/8	13	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,395	5,395	5,395	*		
	HWP414	7	3 5/8	13 1/8	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,685	5,920	5,920	5,920	*		
4x16	HGLT4 H = 13 1/8	7	3 5/8	7 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*		
	WP416	12	3 5/8	15 1/8	2 1/2	2 3/8	(4) 0.148 x 2 1/2	(2) 0.148 x 3	—	2,985	2,985	2,985	Lowest		
	HU416TF	12	3 5/8	15	2 1/2	2 1/2	(20) 0.162 x 3 1/2	(8) 0.148 x 3	1,400	4,050	4,050	4,050	81%		
	HB416	10	3 5/8	15	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,395	5,395	5,395	*		
	HWP416	7	3 5/8	15	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,685	5,920	5,920	5,920	*		
HGLT4 H = 15	7	3 5/8	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*			

See footnotes on p. 133.

Codes: See p. 11 for Code Reference Key Chart

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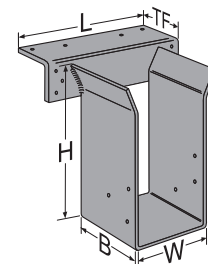
# Top-Flange Hangers – Solid Sawn Lumber (DF/SP)

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

Joist or Purlin Size	Model No.	Ga.	Dimensions				Fasteners (in.)		DF/SP Allowable Loads				Installed Cost Index (ICI)	Code Ref.
			W	H	B	TF	Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)		
<b>Sawn Lumber Sizes</b>														
6x6	WP66	12	5 <sup>5</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	*	IBC, FL, LA
	HU66TF	12	5 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	945	2,785	2,785	2,785	*	
	HWP66	12	5 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(9) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,535	3,955	3,955	3,955	*	
6x8	WP68	12	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	*	
	HU68TF	12	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	945	3,265	3,265	3,265	*	
	HWP68	12	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(9) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,535	3,955	3,955	3,955	*	
6x10	WP610	12	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	*	
	HU610TF	12	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(14) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,420	3,945	3,945	3,945	*	
	HWP610	7	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
	HB610	10	5 <sup>5</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HGLT6 H = 9 <sup>1</sup> / <sub>8</sub>	7	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> to 33	6	2 <sup>1</sup> / <sub>2</sub>	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*	
6x12	HWP612	7	5 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
	HU612TF	12	5 <sup>1</sup> / <sub>2</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,420	4,590	4,590	4,590	*	
	HB612	10	5 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HGLT6 H = 11 <sup>1</sup> / <sub>8</sub>	7	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> to 33	6	2 <sup>1</sup> / <sub>2</sub>	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*	
6x14	HWP614	7	5 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
	HU614TF	12	5 <sup>1</sup> / <sub>2</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(18) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,560	4,030	4,030	4,030	*	
	HB614	10	5 <sup>5</sup> / <sub>16</sub>	13	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HGLT6 H = 13 <sup>1</sup> / <sub>16</sub>	7	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> to 33	6	2 <sup>1</sup> / <sub>2</sub>	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*	
6x16	HWP616	7	5 <sup>1</sup> / <sub>2</sub>	15	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
	HU616TF	12	5 <sup>1</sup> / <sub>2</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	(20) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,640	4,050	4,050	4,050	*	
	HB616	10	5 <sup>5</sup> / <sub>16</sub>	15	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HGLT6 H = 15	7	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> to 33	6	2 <sup>1</sup> / <sub>2</sub>	(18) N54A	(6) N54A	2,450	10,720	10,720	10,720	*	
8x8	WP7.50 H = 7.25	12	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub> to 30	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,985	2,985	2,985	*	
8x10	HB7.50X H = 9 <sup>3</sup> / <sub>16</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HWP810	7	7 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
8x12	HB7.50X H = 11 <sup>1</sup> / <sub>8</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HWP812	7	7 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
8x14	HB7.50X H = 13 <sup>1</sup> / <sub>16</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HWP814	7	7 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	
8x16	HB7.50X H = 15	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	2,075	5,395	5,395	5,395	*	
	HWP816	7	7 <sup>1</sup> / <sub>2</sub>	15	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,685	5,920	5,920	5,920	*	

- Uplift loads have been increased 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.
- N54A fasteners are supplied with hangers.
- Uplift loads are based on DF/SP lumber. For SPF/HF, use 0.86 x DF/SP uplift load.
- HGLT information can be found on pp. 170–171.
- Hangers with an "\*" do not have an Installed Cost Index.
- Fasteners:** Nail dimensions in the table are listed diameter by length. See pp. 21–22 for fastener information.

**Codes:** See p. 11 for Code Reference Key Chart



# Top-Flange Hangers – Solid Sawn Lumber (SPF/HF)

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

Solid Sawn Joist Hangers

Joist or Purlin Size	Model No.	Ga.	Dimensions (in.)				Fasteners (in.)		SPF/HF Allowable Loads			
			W	H	B	TF	Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
<b>Sawn Lumber Sizes</b>												
2x4	PF24	18	1 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	(2) 0.148 x 3	(2) 0.148 x 3	230	650	660	660
	HU24TF	12	1 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	350	930	930	930
2x6	PF26	18	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	(2) 0.148 x 3	(2) 0.148 x 3	455	805	850	880
	JB26	18	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 3	(2) Prong	—	815	815	815
	LB26	14	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	860	860	860
	HU26TF	12	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	695	1,000	1,000	1,000
DBL 2x6	WP26-2	12	3 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
2x8	JB28	18	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 3	(2) Prong	—	820	820	820
	LB28	14	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	790	790	790
DBL 2x8	WP28-2	12	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
2x10	JB210A	18	1 <sup>9</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	270	1,190	1,190	1,190
	LB210AZ	14	1 <sup>9</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	1,330	1,330	1,330
DBL 2x10	WP210-2	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
2x12	JB212A	18	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	270	1,190	1,190	1,190
	LB212AZ	14	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	1,330	1,330	1,330
DBL 2x12	WP212-2	12	3 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
2x14	JB214A	18	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	270	1,190	1,190	1,190
	LB214AZ	14	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>7</sup> / <sub>16</sub>	(6) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	1,330	1,330	1,330
DBL 2x14	WP214-2	12	3 <sup>1</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
2x16	LB216	14	1 <sup>9</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>2</sub>	(4) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	325	945	945	945
DBL 2x16	WP216-2	12	3 <sup>1</sup> / <sub>8</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
3x12	WP312	12	2 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
3x14	WP314	12	2 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
3x16	WP316	12	2 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
4x6	WP46	12	3 <sup>9</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
4x8	BA48 (Min.)	14	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	225	2,660	2,660	2,660
	BA48 (Max.)	14	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,110	4,005	4,005	4,005
	WP48	12	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
4x10	BA410 (Min.)	14	3 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	225	2,660	2,660	2,660
	BA410 (Max.)	14	3 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,110	4,005	4,005	4,005
	HWP410	12	3 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(9) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,535	3,955	3,955	3,955
4x12	BA412 (Min.)	14	3 <sup>9</sup> / <sub>16</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	225	3,095	3,095	3,095
	BA412 (Max.)	14	3 <sup>9</sup> / <sub>16</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	(16) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(8) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,110	4,005	4,005	4,005
	HWP412	12	3 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(9) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,535	3,955	3,955	3,955

See footnotes on p. 135.

# Top-Flange Hangers – Solid Sawn Lumber (SPF/HF)

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

Joist or Purlin Size	Model No.	Ga.	Dimensions (in.)				Fasteners (in.)		SPF/HF Allowable Loads			
			W	H	B	TF	Header	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)
<b>Sawn Lumber Sizes</b>												
4x14	WP414	12	3 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
	HWP414	7	3 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
4x16	WP416	12	3 <sup>9</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
	HWP416	7	3 <sup>9</sup> / <sub>16</sub>	15	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
6x6	WP66	12	5 <sup>9</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
	HWP66	11	5 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	(4) 0.148 x 3	(2) 0.148 x 3	—	3,235	3,235	3,235
6x8	WP68	12	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
	HWP68	12	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(9) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,535	3,955	3,955	3,955
6x10	WP610	12	5 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 3	—	2,230	2,230	2,230
	HB610	10	5 <sup>9</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP610	7	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
6x12	HB612	10	5 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP612	7	5 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
6x14	HB614	10	5 <sup>9</sup> / <sub>16</sub>	13	3.5	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP614	7	5 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
6x16	HB616	10	5 <sup>9</sup> / <sub>16</sub>	15	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP616	7	5 <sup>1</sup> / <sub>2</sub>	15	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
8x8	WP7.50 H = 7.25	12	7 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub> to 30	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	(4) 0.148 x 2 <sup>1</sup> / <sub>2</sub>	(2) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	—	2,230	2,230	2,230
8x10	HB7.50X H = 9 <sup>3</sup> / <sub>16</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP810	7	7 <sup>1</sup> / <sub>2</sub>	9 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
8x12	HB7.50X H = 11 <sup>1</sup> / <sub>8</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP812	7	7 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
8x14	HB7.50X H = 13 <sup>1</sup> / <sub>16</sub>	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP814	7	7 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740
8x16	HB7.50X H = 15	10	7 <sup>1</sup> / <sub>2</sub>	8 to 28	3 <sup>1</sup> / <sub>2</sub>	3	(22) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	1,785	3,820	3,820	3,820
	HWP816	7	7 <sup>1</sup> / <sub>2</sub>	15	3 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	(12) 0.162 x 3 <sup>1</sup> / <sub>2</sub>	(10) 0.148 x 1 <sup>1</sup> / <sub>2</sub>	1,450	4,740	4,740	4,740

1. Uplift loads have been increased 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.

2. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.