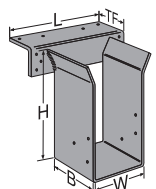


# TOP FLANGE HANGERS – SOLID SAWN LUMBER (DF/SP)

Joist or Purlin Size	Model No.	Ga	Dimensions				Fasteners		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	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>	6-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	295	2090	2100	2100	Lowest	I10, F9
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>	8-16d	2-10d	375	2600	2600	2600	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>	4-10d	2 PRONG	—	1040	1040	1040	Lowest	I10, L13, F9
	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>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1380	1380	1380	+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>1</sup> / <sub>2</sub>	10-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	590	2275	2330	2335	+568%	I10, F9
	W26	12	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+890%	
	WM26	12	1 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2590	*	IL12
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>	6-16d	4-16d	1235	2820	3000	3000	Lowest	I10, L1, F9
	WNP26-2	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>	2-10d	2-10d	—	3255	3255	3255	+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>	10-16d	4-10d	750	3725	3900	3900	+87%	I10, F9
	WM26-2	12	3 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
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>	4-10d	2 PRONG	—	1050	1050	1050	Lowest	I10, L13, F9
	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>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1270	1270	1270	+98%	
	HU28TF	12	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	10-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	590	2335	2335	2335	+563%	I10, F9
	W28	12	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+570%	
	WM28	12	1 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2590	*	IL12
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>	8-16d	6-16d	1550	3455	3720	3895	Lowest	I10, L1, F9
	WNP28-2	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>	2-10d	2-10d	—	3255	3255	3255	+16%	
	HU28-2TF	12	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	12-16d	4-10d	750	3900	3900	3900	+75%	I10, F9
	WM28-2	12	3 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
2x10	JB210	18	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2	1 <sup>9</sup> / <sub>16</sub>	4-16d	2 PRONG	—	1255	1255	1255	Lowest	I10, L13, F9
	LB210	14	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2	1 <sup>1</sup> / <sub>2</sub>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1550	1550	1550	+35%	
	HU210TF	12	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	12-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	590	2335	2335	2335	+359%	I10, F9
	W210	12	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+360%	
	WM210	12	1 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2590	*	IL12
DBL 2x10	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>	10-16d	8-16d	2590	3585	3925	4155	Lowest	I10, L1, F9
	WNP210-2	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	+9%	
	HU210-2TF	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-10d	1125	4170	4170	4170	+67%	I10, F9
	WM210-2	12	3 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
TPL 2x10	HU210-3TF	12	4 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1325	4150	4150	4150	Lowest	I10, F9
2x12	JB212	18	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>9</sup> / <sub>16</sub>	6-16d	2 PRONG	—	1540	1540	1540	Lowest	I10, L13, F9
	LB212	14	1 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>2</sub>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1580	1580	1580	+27%	
	W212	12	1 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+317%	I10, F9
	HU212TF	12	1 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	885	2335	2335	2335	+339%	
	WM212	12	1 <sup>9</sup> / <sub>16</sub>	11	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2590	*	IL12
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>	10-16d	8-16d	2000	4435	4535	4605	Lowest	I10, L1, F9
	WNP212-2	12	3 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	+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>	16-16d	6-10d	1125	4325	4660	4880	+48%	I10, F9
	WM212-2	12	3 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
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>	16-16d	6-16d	1325	4550	4885	5105	Lowest	I10, F9
2x14	LB214	14	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>2</sub>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1425	1425	1425	Lowest	I10, L13, F9
	JB214	18	1 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>4</sub>	6-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	235	1505	1505	1505	+117%	
	W214	12	1 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+188%	I10, F9
	HU214TF	12	1 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	16-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	885	2660	2745	2800	+189%	
	WM214	12	1 <sup>9</sup> / <sub>16</sub>	13	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2590	*	IL12
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>	12-16d	8-16d	2590	4435	4535	4605	Lowest	I10, L1, F9
	WNP214-2	12	3 <sup>1</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	+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>	18-16d	8-10d	1500	4335	4335	4335	+33%	I10, F9
	WM214-2	12	3 <sup>1</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
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>	18-16d	8-16d	1765	4835	5050	5050	Lowest	I10, F9
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>	4-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	290	1425	1425	1425	Lowest	I10, L13, F9
	W216	12	1 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	+122%	
	HU216TF	12	1 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	18-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1180	2845	2955	3030	+199%	I10, F9
	WM216	12	1 <sup>9</sup> / <sub>16</sub>	15	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2540	2565	2585	*	
DBL 2x16	WNP216-2	12	3 <sup>1</sup> / <sub>8</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	Lowest	I10, F9
	HU216-2TF	12	3 <sup>1</sup> / <sub>8</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	20-16d	8-10d	1500	4335	4335	4335	+34%	
	WM216-2	12	3 <sup>1</sup> / <sub>8</sub>	15	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12

- N54A fasteners are supplied with hangers.
- 16d sinkers may be used where 10d commons are called out with no load reduction.
- Uplift loads are based on DF/SP lumber and 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. For SPF use 0.86 x DF/SP uplift load.
- NAILS:** 16d = 0.162" dia. x 3<sup>1</sup>/<sub>2</sub>" long, 10d = 0.148" dia. x 3" long, 10dx1<sup>1</sup>/<sub>2</sub> = 0.148" dia. x 1<sup>1</sup>/<sub>2</sub>" long. See page 16-17 for other nail sizes and information.



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**CODES:** See page 12 for Code Reference Key Chart.  
\*Hangers do not have an Installed Cost Index.

## TOP FLANGE HANGERS – SOLID SAWN LUMBER (DF/SP)

Joist or Purlin Size	Model No.	Ga	Dimensions				Fasteners		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>														
TPL 2x16	HU216-3TF	12	4 <sup>1</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	20-16d	8-16d	1765	5050	5050	5050	Lowest	I10, F9
3x4	HU34TF	12	2 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	8-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	295	2600	2600	2600	*	
3x6	W36	12	2 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	*	IL12
	WM36	12	2 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
3x8	HU36TF	12	2 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	10-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	590	3725	3900	3900	*	I10, F9
	W38	12	2 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	*	
	WM38	12	2 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
	HU38TF	12	2 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	12-16d	4-10dx1 <sup>1</sup> / <sub>2</sub>	590	3900	3900	3900	*	
3x10	B38	12	2 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16dx2 <sup>1</sup> / <sub>2</sub>	1010	3800	3800	3800	*	I1
	W310	12	2 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	2200	2200	2200	*	
	WM310	12	2 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
	HU310TF	12	2 <sup>9</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>	14-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	885	4170	4170	4170	*	
3x12	B310	12	2 <sup>9</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>	14-16d	6-16dx2 <sup>1</sup> / <sub>2</sub>	1010	3800	3800	3800	*	I1, F21
	WNP312	12	2 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	3255	3255	3255	*	
	WM312	12	2 <sup>9</sup> / <sub>16</sub>	11	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
	HU312TF	12	2 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	16-16d	6-10dx1 <sup>1</sup> / <sub>2</sub>	885	4335	4335	4335	*	
3x14	B312	12	2 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16dx2 <sup>1</sup> / <sub>2</sub>	1010	3800	3800	3800	*	I1, F21
	WNP314	12	2 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	3255	3255	3255	*	
	WM314	12	2 <sup>9</sup> / <sub>16</sub>	13	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
	HU314TF	12	2 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	18-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1180	4335	4335	4335	*	
3x16	B314	12	2 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16dx2 <sup>1</sup> / <sub>2</sub>	1010	3800	3800	3800	*	I1, F21
	WNP316	12	2 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	3255	3255	3255	*	
	WM316	12	2 <sup>9</sup> / <sub>16</sub>	15	3	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10dx1 <sup>1</sup> / <sub>2</sub>	—	4100	4130	4150	*	
	HU316TF	12	2 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	20-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1180	4335	4335	4335	*	
4x4	B316	12	2 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16dx2 <sup>1</sup> / <sub>2</sub>	1010	3800	3800	3800	*	I1, F21
	HU44TF	12	3 <sup>9</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	8-16d	2-10d	375	2600	2600	2600	Lowest	
	HUS46TF	14	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2	1 <sup>1</sup> / <sub>2</sub>	6-16d	4-16d	1235	2700	2890	3000	Lowest	
	W46	12	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10d	—	2200	2200	2200	+12%	
4x6	HU46TF	12	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	10-16d	4-10d	750	3165	3165	3165	+28%	I10, F9
	HW46	11	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	+83%	
	WM46	12	3 <sup>9</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
	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>	16-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	265	3435	3435	3435	Lowest	
4x8	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>	16-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1170	3800	3800	3800	+7%	I1, F21
	HUS48TF	14	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	2	1 <sup>1</sup> / <sub>16</sub>	8-16d	6-16d	1550	3225	3495	3670	+33%	
	B48	12	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	+35%	I1, F21
	W48	12	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	2-10d	2-10d	—	2200	2200	2200	+54%	
	HU48TF	12	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	12-16d	4-10d	750	3500	3500	3500	+95%	I10, F9
	HW48	11	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	+130%	
	WM48	12	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
	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>	16-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	265	3435	3435	3435	Lowest
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>	16-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1170	3800	3800	3800	+7%	
HUS410TF		14	3 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	2	1 <sup>1</sup> / <sub>4</sub>	10-16d	8-16d	2590	3365	3710	3935	+21%	I10, L1, F9
B410		12	3 <sup>9</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>	14-16d	6-16d	1010	3800	3800	3800	+35%	
W410		12	3 <sup>9</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>	2-10d	2-10d	—	2200	2200	2200	+49%	I10, F9
HU410TF		12	3 <sup>9</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>	14-16d	6-10d	1125	4150	4150	4150	+86%	
HW410		11	3 <sup>9</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>	4-10d	2-10d	—	5285	5285	5285	+130%	
WM410		12	3 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	
4x12	GLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
	HGLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	
	BA412 (Min)	14	3 <sup>9</sup> / <sub>16</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	16-16d	2-10dx1 <sup>1</sup> / <sub>2</sub>	265	3435	3435	3435	Lowest	I1, F21
	BA412 (Max)	14	3 <sup>9</sup> / <sub>16</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	16-16d	8-10dx1 <sup>1</sup> / <sub>2</sub>	1170	3800	3800	3800	+6%	
	HUS412TF	14	3 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	2	2	10-16d	8-16d	2000	4420	4760	4990	+14%	I10, L1, F9
	B412	12	3 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	+27%	
	WNP412	12	3 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	+32%	I10, F9
	HU412TF	12	3 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	16-16d	6-10d	1125	4550	4885	5105	+84%	
HW412	11	3 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	+115%		
HHB412	7	3 <sup>9</sup> / <sub>16</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	4-N54A	2-N54A	580	4185	4185	4185	+174%		
4x12	WM412	12	3 <sup>9</sup> / <sub>16</sub>	11	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	GLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	
	HGLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	

## TOP FLANGE HANGERS – SOLID SAWN LUMBER (DF/SP)

Joist or Purlin Size	Model No.	Ga	Dimensions				Fasteners		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>														
4x14	HUS414TF	14	3 <sup>9</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>8</sub>	2	2	12-16d	8-16d	2160	4765	5100	5100	Lowest	I10, L1, F9
	B414	12	3 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	+8%	I1, F21
	WNP414	12	3 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	+13%	
	HU414TF	12	3 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	18-16d	8-10d	1500	4830	5050	5050	+89%	I10, F9
	HW414	11	3 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	+108%	
	HHB414	7	3 <sup>9</sup> / <sub>16</sub>	13	3	2 <sup>1</sup> / <sub>2</sub>	6-N54A	4-N54A	1165	5135	5135	5135	+150%	I19, F18
	WM414	12	3 <sup>9</sup> / <sub>16</sub>	13	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	GLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
HGLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*		
4x16	WNP416	12	3 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	2-10d	2-10d	—	3255	3255	3255	Lowest	I10, F9
	B416	12	3 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	+23%	I1, F21
	HU416TF	12	3 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	20-16d	8-10d	1500	5050	5050	5050	+81%	I10, F9
	HW416	11	3 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	+108%	
	HHB416	7	3 <sup>9</sup> / <sub>16</sub>	15	3	2 <sup>1</sup> / <sub>2</sub>	6-N54A	4-N54A	1165	5135	5135	5135	+109%	I19, F18
	WM416	12	3 <sup>9</sup> / <sub>16</sub>	15	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	GLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
	HGLT4	7	3 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	
6x6	WNP66	12	5 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	3-10d	2-10d	—	3255	3255	3255	*	I10, F9
	WM66	12	5 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	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>	10-16d	4-16d	885	3165	3165	3165	*	
	HW66	11	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>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
6x8	WNP68	12	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	3-10d	2-10d	—	3255	3255	3255	*	
	WM68	12	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	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>	12-16d	4-16d	885	3500	3500	3500	*	I10, F9
	HW68	11	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>	4-10d	2-10d	—	5285	5285	5285	*	170
6x10	WNP610	12	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	3-10d	2-10d	—	3255	3255	3255	*	I10, F9
	WM610	12	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2-16d DPLX	2-10d	—	4175	4175	4175	*	IL12
	B610	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>	14-16d	6-16d	1010	3800	3800	3800	*	I1, F21
	HHB610	7	5 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	3	2 <sup>1</sup> / <sub>2</sub>	4-N54A	2-N54A	580	4185	4185	4185	*	170
	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>	14-16d	6-16d	1325	4150	4150	4150	*	I10, F9
	HW610	11	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>	4-10d	2-10d	—	5285	5285	5285	*	
	GLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
	HGLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	
6x12	HW612	11	5 <sup>1</sup> / <sub>2</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
	B612	12	5 <sup>1</sup> / <sub>2</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	*	I1, F21
	HHB612	7	5 <sup>1</sup> / <sub>2</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18
	HU612TF	12	5 <sup>1</sup> / <sub>2</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	16-16d	6-16d	1325	4550	4885	5105	*	I10, F9
	GLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
	HGLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	
6x14	HW614	11	5 <sup>1</sup> / <sub>2</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
	B614	12	5 <sup>1</sup> / <sub>2</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	*	I1, F21
	HHB614	7	5 <sup>1</sup> / <sub>2</sub>	13	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18
	HU614TF	12	5 <sup>1</sup> / <sub>2</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	18-16d	8-16d	1765	4830	5200	5450	*	I10, F9
	GLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	
	HGLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	I19, F18
6x16	HW616	11	5 <sup>1</sup> / <sub>2</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
	B616	12	5 <sup>1</sup> / <sub>2</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	14-16d	6-16d	1010	3800	3800	3800	*	I1, F21
	HHB616	7	5 <sup>1</sup> / <sub>2</sub>	15	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18
	HU616TF	12	5 <sup>1</sup> / <sub>2</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	20-16d	8-16d	1765	5105	5520	5795	*	I10, F9
	GLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	5	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	7000	7000	7000	*	I19, F18
	HGLT6	7	5 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub> Min	6	2 <sup>1</sup> / <sub>2</sub>	18-N54A	6-N54A	1745	12750	12750	12750	*	
8x6	HW86	7	7 <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>	4-10d	2-10d	—	5285	5285	5285	*	
8x8	HW88	7	7 <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>	4-10d	2-10d	—	5285	5285	5285	*	
8x10	HW810	7	7 <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>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
8x12	HW812	7	7 <sup>1</sup> / <sub>2</sub>	11	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	
	HHB812	7	7 <sup>1</sup> / <sub>2</sub>	11	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18
8x14	HW814	7	7 <sup>1</sup> / <sub>2</sub>	13	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
	HHB814	7	7 <sup>1</sup> / <sub>2</sub>	13	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18
8x16	HW816	7	7 <sup>1</sup> / <sub>2</sub>	15	2 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	4-10d	2-10d	—	5285	5285	5285	*	I10, F9
	HHB816	7	7 <sup>1</sup> / <sub>2</sub>	15	3	2 <sup>1</sup> / <sub>2</sub>	10-N54A	6-N54A	1745	6235	6235	6235	*	I19, F18