

# Top-Flange Hangers – I-Joists, Glulam and SCL



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Actual Joist Size (in.)	Model No.	Joist Types				Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist	Web Stiff Req'd.7	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
1 1/2 x 9 1/2	BA1.56/9.5 (Min.)		•	•	—	1 9/16	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA1.56/9.5 (Max.)		•	•	✓	1 9/16	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,645	4,005	1,495
	WP1.56 H=9.5		•	•	✓	1 9/16	5 3/8 to 30	4 3/4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 1/2 x 11 7/8	ITS1.56/11.88		•	•	—	1 9/16	11 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA1.56/11.88 (Min.)		•	•	—	1 9/16	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA1.56/11.88 (Max.)		•	•	✓	1 9/16	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,645	4,005	1,495
	WP1.56 H=11.875		•	•	✓	1 9/16	5 3/8 to 30	4 3/4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 7 1/4	BA1.81/7.25 (Min.)		•	•	—	1 13/16	7 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA1.81/7.25 (Max.)		•	•	✓	1 13/16	7 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=7.25		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 9 1/4	BA1.81/9.25 (Min.)		•	•	—	1 13/16	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	2,980	2,660	1,495
	BA1.81/9.25 (Max.)		•	•	✓	1 13/16	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=9.25		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 9 1/2	ITS1.81/9.5		•	•	—	1 7/8	9 1/2	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT9.5		•	•	—	1 13/16	9 1/2	2 1/2	2 5/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA1.81/9.5 (Min.)		•	•	—	1 13/16	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA1.81/9.5 (Max.)		•	•	✓	1 13/16	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=9.5		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 11 1/4	BA1.81/11.25 (Min.)		•	•	—	1 13/16	11 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA1.81/11.25 (Max.)		•	•	✓	1 13/16	11 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=11.25		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 11 7/8	ITS1.81/11.88		•	•	—	1 7/8	11 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT11.88		•	•	—	1 13/16	11 7/8	2 1/2	2 5/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA1.81/11.88 (Min.)		•	•	—	1 13/16	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA1.81/11.88 (Max.)		•	•	✓	1 13/16	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=11.875		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 14	ITS1.81/14		•	•	—	1 7/8	13 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT1.81/14		•	•	—	1 13/16	14	2 1/2	2 5/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA1.81/14 (Min.)		•	•	—	1 13/16	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA1.81/14 (Max.)		•	•	✓	1 13/16	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=14		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
1 3/4 x 16	ITS1.81/16		•	•	—	1 7/8	15 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT1.81/16		•	•	—	1 13/16	16	2 1/2	2 5/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA1.81/16 (Min.)		•	•	—	1 13/16	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA1.81/16 (Max.)		•	•	✓	1 13/16	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP1.81 H=16		•	•	✓	1 13/16	5 3/8 to 30	4	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 x 9 1/2	ITS2.06/9.5		•	—	—	2 1/8	9 7/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/9.5 (Min.)		•	—	—	2 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	2,980	2,660	1,495
	BA2.1/9.5 (Max.)		•	✓	—	2 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=9.5		•	✓	—	2 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 x 11 7/8	ITS2.06/11.88		•	—	—	2 1/8	11 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT2.1/11.88		•	—	—	2 1/8	11 7/8	2 1/2	2 5/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.1/11.88 (Min.)		•	—	—	2 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/11.88 (Max.)		•	✓	—	2 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=11.875		•	✓	—	2 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 x 14	ITS2.06/14		•	—	—	2 1/8	13 13/16	2	1 7/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/14 (Min.)		•	—	—	2 1/8	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/14 (Max.)		•	✓	—	2 1/8	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=14		•	✓	—	2 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030

I-Joist, Glulam and Structural Composite Lumber Connectors

# Top-Flange Hangers – I-Joists, Glulam and SCL

I-Joist, Glulam and Structural Composite Lumber Connectors

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist Web Stiff Req <sup>d</sup> 7	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>†</sup>
2 x 16	ITS2.06/16			• —	2½	15 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/16 (Min.)			• —	2½	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/16 (Max.)			• ✓	2½	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=16			• ✓	2½	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 1/2 x 9 1/2	ITS2.06/9.5			• —	2½	9 7/8	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/9.5 (Min.)			• —	2½	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	2,980	2,660	1,495
	BA2.1/9.5 (Max.)			• ✓	2½	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=9.5			• ✓	2½	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 1/2 x 11 1/8	ITS2.06/11.88			• —	2½	11 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT2.1/11.88			• —	2½	11 7/8	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.1/11.88 (Min.)			• —	2½	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/11.88 (Max.)			• ✓	2½	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=11.875			• ✓	2½	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 1/2 x 14	ITS2.06/14			• —	2½	13 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/14 (Min.)			• —	2½	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/14 (Max.)			• ✓	2½	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=14			• ✓	2½	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 1/2 x 16	ITS2.06/16			• —	2½	15 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.1/16 (Min.)			• —	2½	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.1/16 (Max.)			• ✓	2½	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.1 H=16			• ✓	2½	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 1/4 x 9 1/2 to 20	2 1/4"-wide joists use the same hangers as 2 3/8"-wide joists with the following load adjustments to the table loads: ITS download is the lesser of the table load or 1,400 lb.; ITS uplift is 85 lb.; MIT and HIT downloads are the lesser of the table load or 2,140 lb.																
2 5/8 x 9 1/2	ITS2.37/9.5			• —	2 7/8	9 7/8	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	BA2.37/9.5 (Min.)			• —	2 3/4	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA2.37/9.5 (Max.)			• ✓	2 3/4	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=9.5			• ✓	2 3/4	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 5/8 x 11 1/8	ITS2.37/11.88			• —	2 7/8	11 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT3511.88			• —	2 3/4	11 7/8	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.37/11.88 (Min.)			• —	2 3/4	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.37/11.88 (Max.)			• ✓	2 3/4	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=11.875			• ✓	2 5/8	5% to 30	2 1/2	2 1/2	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	—
2 5/8 x 14	ITS2.37/14			• —	2 7/8	13 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT3514			• —	2 3/4	14	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.37/14 (Min.)			• —	2 3/4	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.37/14 (Max.)			• ✓	2 3/4	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=14			• ✓	2 5/8	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 5/8 x 16	ITS2.37/16			• —	2 7/8	15 15/16	2	1 1/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT3516			• —	2 3/4	16	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.37/16 (Min.)			• —	2 3/4	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.37/16 (Max.)			• ✓	2 3/4	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=16			• ✓	2 5/8	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 5/8 x 18	MIT3518			• —	2 3/4	18	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.37/18 (Min.)			• —	2 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.37/18 (Max.)			• ✓	2 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=18			• ✓	2 5/8	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
2 5/8 x 20	MIT3520			• —	2 3/4	20	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA2.37/20 (Min.)			• —	2 3/4	20	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.37/20 (Max.)			• ✓	2 3/4	20	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.37 H=20			• ✓	2 5/8	5% to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030

See footnotes on p. 194.

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# Top-Flange Hangers – I-Joists, Glulam and SCL

Actual Joist Size (in.)	Model No.	Joist Types				Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist	Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
2½ x 9¼	BA2.56 H=9.25 (Min.)			• —	2½	9¼	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,205	2,660	1,495	
	BA2.56 H=9.25 (Max.)			• ✓	2½	9¼	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=9.25			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
	HWP2.56 H=9.25			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,535	3,995	4,500	4,350	3,955	3,955	—	
2½ x 9½	ITS2.56/9.5			• —	2½	9¾	2	1¾	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085	
	BA2.56/9.5 (Min.)			• —	2½	9½	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,205	2,660	1,495	
	BA2.56/9.5 (Max.)			• ✓	2½	9½	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=9.5			• ✓	2½	5½ to 30	2	2½	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	—	
2½ x 11¼	HWP2.56 H=9.5			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	BA2.56 H=11.25 (Min.)			• —	2½	11¼	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56 H=11.25 (Max.)			• ✓	2½	11¼	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=11.25			• ✓	2½	5½ to 30	2	2½	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	—	
2½ x 11½	HWP2.56 H=11.25			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	ITS2.56/11.88			• —	2½	11¾	2	1¾	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085	
	MIT311.88			• —	2½	11¾	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	255	2,550	2,140	2,115	2,575	1,665	1,230	
	BA2.56/11.88 (Min.)			• —	2½	11¾	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/11.88 (Max.)			• ✓	2½	11¾	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=11.875			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 14	HWP2.56 H=11.875			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	ITS2.56/14			• —	2½	13¾	2	1¾	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085	
	MIT314			• —	2½	14	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	215	2,550	2,140	2,115	2,575	1,665	1,230	
	BA2.56/14 (Min.)			• —	2½	14	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/14 (Max.)			• ✓	2½	14	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=14			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 16	HWP2.56 H=14			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	ITS2.56/16			• —	2½	15¾	2	1¾	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085	
	MIT316			• —	2½	16	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	255	2,550	2,140	2,115	2,575	1,665	1,230	
	BA2.56/16 (Min.)			• —	2½	16	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/16 (Max.)			• ✓	2½	16	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=16			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 18	HWP2.56 H=16			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	MIT318			• —	2½	18	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	215	2,550	2,140	2,115	2,575	1,665	1,230	
	HIT318			• —	2½	18	3	2¾	(10) 0.162 x 3½	(2) 0.148 x 1½	305	2,550	2,220	2,500	2,875	1,950	—	
	BA2.56/18 (Min.)			• —	2½	18	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/18 (Max.)			• ✓	2½	18	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=18			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 20	HWP2.56 H=18			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	MIT320			• —	2½	20	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	215	2,550	2,140	2,115	2,575	1,665	1,230	
	HIT320			• —	2½	20	3	2¾	(10) 0.162 x 3½	(2) 0.148 x 1½	305	2,550	2,220	2,500	2,875	1,950	—	
	BA2.56/20 (Min.)			• —	2½	20	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/20 (Max.)			• ✓	2½	20	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=20			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 22	HWP2.56 H=20			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HIT322			• ✓	2½	22	3	2¾	(10) 0.162 x 3½	(2) 0.148 x 1½	305	2,550	2,220	2,500	2,875	1,950	—	
	BA2.56/22 (Min.)			• —	2½	22	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/22 (Max.)			• ✓	2½	22	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=22			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
2½ x 24	HWP2.56 H=22			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HIT324			• ✓	2½	24	3	2¾	(10) 0.162 x 3½	(2) 0.148 x 1½	305	2,550	2,220	2,500	2,875	1,950	—	
	BA2.56/24 (Min.)			• —	2½	24	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA2.56/24 (Max.)			• ✓	2½	24	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP2.56 H=24			• ✓	2½	5½ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
	HB2.56/24			• ✓	2½	24	3½	3	(22) 0.162 x 3½	(10) 0.162 x 2½	2,075	5,815	5,640	6,395	5,395	3,820	—	
HWP2.56 H=24			• ✓	2½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—		

I-Joist, Glulam and Structural Composite Lumber Connectors

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See footnotes on p. 194.

# Top-Flange Hangers – I-Joists, Glulam and SCL

I-Joist, Glulam and Structural Composite Lumber Connectors

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
2 1/2 x 26	BA2.56/26 (Min.)			• —	2 3/8	26	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.56/26 (Max.)			• ✓	2 3/8	26	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.56 H=26			• ✓	2 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HB2.56/26			• ✓	2 3/8	26	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 2 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP2.56 H=26			• ✓	2 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
2 1/2 x 28	BA2.56/28 (Min.)			• —	2 3/8	26	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA2.56/28 (Max.)			• ✓	2 3/8	26	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP2.56 H=28			• ✓	2 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HB2.56/28			• ✓	2 3/8	28	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 2 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP2.56 H=28			• ✓	2 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
2 1/2 x 30	WP2.56 H=30			• ✓	2 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP2.56 H=30			• ✓	2 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
2 3/8 x 9 1/2 to 20	2 3/8" wide joists use the same hangers as 2 1/2"																
3 1/8 LAM	BA3.25X (Min.)	•		• —	3 1/4	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA3.25X (Max.)	•		• ✓	3 1/4	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.25	•		• ✓	3 1/4	8 to 33	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.25	•		• ✓	3 1/4	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.25	•		• ✓	3 1/4	6 to 30	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.25	•		• ✓	3 1/4	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,685	6,595	7,025	5,450	5,920	4,740	—
	HGLT3	•		• —	3 1/4	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—
3 1/2 LAM	BA3.56X (Min.)	•	•	• —	3 3/8	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA3.56X (Max.)	•	•	• ✓	3 3/8	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56	•	•	• ✓	3 3/8	8 to 33	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56	•	•	• ✓	3 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56	•	•	• ✓	3 3/8	6 to 30	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56	•	•	• ✓	3 3/8	6 to 30	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,685	6,595	7,025	5,450	5,920	4,740	—
	HGLT4	•	•	• —	3 3/8	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—
HGLTV4	•	•	• ✓	3 3/8	7 1/2 to 33	6	2 3/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—	
3 1/2 x 9 1/4	BA3.56/9.25 (Min.)	•	•	• —	3 3/8	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA3.56/9.25 (Max.)	•	•	• ✓	3 3/8	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/9.25	•	•	• ✓	3 3/8	9 1/4	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=9.25	•	•	• ✓	3 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=9.25	•	•	• ✓	3 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—
3 1/2 x 9 1/2	ITS3.56/9.5	•	•	• —	3 3/8	9 1/2	2	1 3/8	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT49.5	•	•	• —	3 3/8	9 1/2	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
		•	•	• ✓	3 3/8	9 1/2	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/9.5 (Min.)	•	•	• —	3 3/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA3.56/9.5 (Max.)	•	•	• ✓	3 3/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/9.5	•	•	• ✓	3 3/8	9 1/2	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=9.5	•	•	• ✓	3 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
HWP3.56 H=9.5	•	•	• ✓	3 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—	
3 1/2 x 10 1/2	BA3.56 H=10.5 (Min.)	•	•	• —	3 3/8	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495
	BA3.56 H=10.5 (Max.)	•	•	• ✓	3 3/8	7 1/2 to 30	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56 <sup>6</sup>	•	•	• ✓	3 3/8	11 1/4	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=10.5	•	•	• ✓	3 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=10.5	•	•	• ✓	3 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—
3 1/2 x 11 1/4	BA3.56/11.25 (Min.)	•	•	• —	3 3/8	11 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/11.25 (Max.)	•	•	• ✓	3 3/8	11 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/11.25	•	•	• ✓	3 3/8	11 1/4	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=11.25	•	•	• ✓	3 3/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=11.25	•	•	• ✓	3 3/8	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—

See footnotes on p. 194.

# Top-Flange Hangers – I-Joists, Glulam and SCL

Actual Joist Size (in.)	Model No.	Joist Types				Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist	Web Stiff Req <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
3½ x 11½	ITS3.56/11.88			• —	—	3½	11 13/16	2	1 7/16	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT411.88	• • •	•	—	—	3½	11 7/8	2½	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA3.56/11.88 (Min.)	• • •	•	—	—	3½	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/11.88 (Max.)	• • •	•	✓	—	3½	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	HB3.56/11.88	• • •	•	✓	—	3½	11 7/8	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP3.56 H=11.875	• • •	•	✓	—	3½	5 5/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP3.56 H=11.875	• • •	•	✓	—	3½	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=11.875	• • •	•	✓	—	3½	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—
	HGLT4 H=11.875	•	•	—	—	3½	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	1,685	6,595	7,025	5,450	5,920	4,740	—
	HGLTV3.511	• • •	•	✓	—	3½	11 7/8	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	2,450	—	—	—	10,720	—	—
3½ x 14	ITS3.56/14			• —	—	3½	13 13/16	2	1 7/16	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT414	• • •	•	—	—	3½	14	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA3.56/14 (Min.)	• • •	•	—	—	3½	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/14 (Max.)	• • •	•	✓	—	3½	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	HB3.56/14	• • •	•	✓	—	3½	14	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP3.56 H=14	• • •	•	✓	—	3½	5 5/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP3.56 H=14	• • •	•	✓	—	3½	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=14	• • •	•	✓	—	3½	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(10) 0.148 x 1 1/2	1,535	3,995	4,500	4,350	3,955	3,955	—
	HGLT4 H=14	•	•	—	—	3½	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	1,685	6,595	7,025	5,450	5,920	4,740	—
	HGLTV3.514	• • •	•	✓	—	3½	14	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	2,450	—	—	—	10,720	—	—
3½ x 16	ITS3.56/16			• —	—	3½	15 13/16	2	1 7/16	(6) 0.148 x 3	—	120	1,550	1,365	1,780	1,470	1,150	1,085
	MIT416	• • •	•	—	—	3½	16	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA3.56/16 (Min.)	• • •	•	—	—	3½	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/16 (Max.)	• • •	•	✓	—	3½	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	HB3.56/16	• • •	•	✓	—	3½	16	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP3.56 H=16	• • •	•	✓	—	3½	5 5/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP3.56 H=16	• • •	•	✓	—	3½	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=16	• • •	•	✓	—	3½	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HGLT4 H=16	•	•	—	—	3½	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV3.516	• • •	•	✓	—	3½	16	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	2,450	—	—	—	10,720	—	—
3½ x 18	MIT418	• • •	•	—	—	3½	18	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	HIT418	• • •	•	—	—	3½	18	3	2 3/8	(10) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/18 (Min.)	• • •	•	—	—	3½	18	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/18 (Max.)	• • •	•	✓	—	3½	18	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/18	• • •	•	✓	—	3½	18	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=18	• • •	•	✓	—	3½	5 5/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=18	• • •	•	✓	—	3½	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=18	• • •	•	✓	—	3½	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLT4 H=18	•	•	—	—	3½	7 1/2 to 33	6	2 1/2	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—
	HGLTV3.518	• • •	•	✓	—	3½	18	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—
3½ x 20	MIT420	• • •	•	—	—	3½	20	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	HIT420	• • •	•	—	—	3½	20	3	2 3/8	(10) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA3.56/20 (Min.)	• • •	•	—	—	3½	20	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/20 (Max.)	• • •	•	✓	—	3½	20	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/20	• • •	•	✓	—	3½	20	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=20	• • •	•	✓	—	3½	5 5/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=20	• • •	•	✓	—	3½	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=20	• • •	•	✓	—	3½	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLT4 H=20	•	•	—	—	3½	7 1/2 to 33	6	2 1/2	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	2,450	—	—	—	10,720	—	—

I-Joist, Glulam and Structural Composite Lumber Connectors

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See footnotes on p. 194.

# Top-Flange Hangers – I-Joists, Glulam and SCL

I-Joist, Glulam and Structural Composite Lumber Connectors

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
3 1/2 x 22	HIT422	•	•	—	3 3/16	22	3	2 3/8	(10) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	305	2,550	2,220	2,500	2,875	1,950	—
	BA3.56/22 (Min.)	•	•	—	3 3/16	22	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/22 (Max.)	•	•	✓	3 3/16	22	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/22	•	•	✓	3 3/16	22	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=22	•	•	✓	3 3/16	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=22	•	•	✓	3 3/16	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=22	•	•	✓	3 3/16	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
HGLTV4 H=22	•	•	✓	3 3/16	7 1/2 to 33	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—	
3 1/2 x 24	HIT424	•	•	—	3 3/16	24	3	2 3/8	(10) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	305	2,550	2,220	2,500	2,875	1,950	—
	BA3.56/24 (Min.)	•	•	—	3 3/16	24	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/24 (Max.)	•	•	✓	3 3/16	24	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/24	•	•	✓	3 3/16	24	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=24	•	•	✓	3 3/16	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=24	•	•	✓	3 3/16	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=24	•	•	✓	3 3/16	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
HGLTV4 H=24	•	•	✓	3 3/16	7 1/2 to 33	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—	
3 1/2 x 26	BA3.56/26 (Min.)	•	•	—	3 3/16	26	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/26 (Max.)	•	•	✓	3 3/16	26	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/26	•	•	✓	3 3/16	26	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=26	•	•	✓	3 3/16	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=26	•	•	✓	3 3/16	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=26	•	•	✓	3 3/16	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV4 H=26	•	•	✓	3 3/16	7 1/2 to 33	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—
3 1/2 x 28	BA3.56/28 (Min.)	•	•	—	3 3/16	28	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/28 (Max.)	•	•	✓	3 3/16	28	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/28	•	•	✓	3 3/16	28	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=28	•	•	✓	3 3/16	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=28	•	•	✓	3 3/16	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=28	•	•	✓	3 3/16	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV4 H=28	•	•	✓	3 3/16	7 1/2 to 33	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—
3 1/2 x 30	BA3.56/30 (Min.)	•	•	—	3 3/16	30	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA3.56/30 (Max.)	•	•	✓	3 3/16	30	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB3.56/30	•	•	✓	3 3/16	30	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP3.56 H=30	•	•	✓	3 3/16	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP3.56 H=30	•	•	✓	3 3/16	6 to 28	3	2 1/2	(9) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP3.56 H=30	•	•	✓	3 3/16	6 to 32	3 1/4	2 1/2	(12) 0.162 x 3 1/2	(12) 0.148 x 1 1/2	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV4 H=30	•	•	✓	3 3/16	7 1/2 to 33	6	2 7/8	(18) 0.162 x 3 1/2	(6) 0.162 x 3 1/2	1,120	10,585	9,485	9,500	7,805	6,770	—
Double 2 x 9 1/2	MIT4.12/9.5	•	•	—	4 1/8	9 1/2	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA4.12/9.5 (Min.)	•	•	—	4 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	2,550	2,140	2,115	2,575	1,665	1,230
	BA4.12/9.5 (Max.)	•	•	✓	4 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP4.12 H=9.5	•	•	✓	4 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
Double 2 x 11 7/8	MIT4.12/11.88	•	•	—	4 1/8	11 7/8	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA4.12/11.88 (Min.)	•	•	—	4 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	2,550	2,140	2,115	2,575	1,665	1,230
	BA4.12/11.88 (Max.)	•	•	✓	4 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP4.12 H=11.875	•	•	✓	4 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
Double 2 x 14	BA4.12/14 (Min.)	•	•	—	4 1/8	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA4.12/14 (Max.)	•	•	✓	4 1/8	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP4.12 H=14	•	•	✓	4 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
Double 2 x 16	BA4.12/16 (Min.)	•	•	—	4 1/8	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	2,665	1,495
	BA4.12/16 (Max.)	•	•	✓	4 1/8	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP4.12 H=16	•	•	✓	4 1/8	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030
Double 2 1/8 x 9 1/2	MIT4.28/9.5	•	•	—	4 9/32	9 1/2	2 1/2	2 3/8	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230
	BA4.28/9.5 (Min.)	•	•	—	4 9/32	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	2,550	2,140	2,115	2,575	1,665	1,230
	BA4.28/9.5 (Max.)	•	•	✓	4 9/32	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	WP4.28X H=9.5	•	•	✓	4 9/32	5 3/8 to 30	2 1/2	2 3/8	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030

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See footnotes on p. 194.

# Top-Flange Hangers – I-Joists, Glulam and SCL

Actual Joist Size (in.)	Model No.	Joist Types				Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist	Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>†</sup>
Double 2 1/8" x 11 7/8"	MIT4.28/11.88			• — ✓	4 9/32	11 7/8	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.28/11.88 (Min.)			• —	4 9/32	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.28/11.88 (Max.)			• ✓	4 9/32	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.28X H=11.875			• ✓	4 9/32	5 3/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/8" x 14"	MIT4.28/14			• — ✓	4 9/32	14	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.28/14 (Min.)			• —	4 9/32	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.28/14 (Max.)			• ✓	4 9/32	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.28X H=14			• ✓	4 9/32	5 3/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/8" x 16"	BA4.28/16 (Min.)			• —	4 9/32	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.28/16 (Max.)			• ✓	4 9/32	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.28X H=16			• ✓	4 9/32	5 3/8 to 30	2 1/2	2 3/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/4" x 9 1/2" to 20"	Double 2 1/4"-wide joists use the same hangers as double 2 5/16"-wide joists with the following loads adjustments: MIT downloads are the lesser of the table load or 2,140 lb.																	
Double 2 5/16" x 9 1/2"	MIT359.5-2			• — ✓	4 3/4	9 1/2	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.75/9.5 (Min.)			• —	4 3/4	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	2,980	2,660	1,495	
	BA4.75/9.5 (Max.)			• ✓	4 3/4	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=9.5			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 3	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 5/16" x 11 7/8"	MIT3511.88-2			• — ✓	4 3/4	11 7/8	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.75/11.88 (Min.)			• —	4 3/4	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.75/11.88 (Max.)			• ✓	4 3/4	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=11.875			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 5/16" x 14"	MIT3514-2			• — ✓	4 3/4	14	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.75/14 (Min.)			• —	4 3/4	14	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.75/14 (Max.)			• ✓	4 3/4	14	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=14			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 5/16" x 16"	MIT4.75/16			• — ✓	4 3/4	16	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA4.75/16 (Min.)			• —	4 3/4	16	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.75/16 (Max.)			• ✓	4 3/4	16	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=16			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 5/16" x 18"	BA4.75/18 (Min.)			• —	4 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.75/18 (Max.)			• ✓	4 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=18			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 5/16" x 20"	BA4.75/20 (Min.)			• —	4 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA4.75/20 (Max.)			• ✓	4 3/4	18	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP4.75 H=20			• ✓	4 3/4	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/2" x 9 1/4"	BA5.12 H=9.25 (Min.)			• —	5 1/8	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495	
	BA5.12 H=9.25 (Max.)			• ✓	5 1/8	9 1/4	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP5.12 H=9.25			• ✓	5 1/8	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/2" x 9 1/2"	MIT39.5-2			• — ✓	5 1/8	9 1/2	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA5.12/9.5 (Min.)			• —	5 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,205	2,660	1,495	
	BA5.12/9.5 (Max.)			• ✓	5 1/8	9 1/2	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	WP5.12 H=9.5			• ✓	5 1/8	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2 1/2" x 11 7/8"	MIT311.88-2			• — ✓	5 1/8	11 7/8	2 1/2	2 5/16	(8) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	—	1,675	1,675	1,675	1,675	1,665	1,230	
	BA5.12/11.88 (Min.)			• —	5 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(2) 0.148 x 1 1/2	255	4,015	3,705	4,005	3,780	3,095	1,495	
	BA5.12/11.88 (Max.)			• ✓	5 1/8	11 7/8	3	2 1/2	(16) 0.162 x 3 1/2	(8) 0.148 x 1 1/2	1,275	4,715	4,320	4,500	4,720	4,005	1,495	
	HB5.12/11.88			• ✓	5 1/8	11 7/8	3 1/2	3	(22) 0.162 x 3 1/2	(10) 0.162 x 3 1/2	2,075	5,815	5,640	6,395	5,395	3,820	—	
	WP5.12 H=11.875			• ✓	5 1/8	5 3/8 to 30	2 1/2	2 5/16	(4) 0.162 x 2 1/2	(2) 0.148 x 1 1/2	—	3,095	3,605	3,605	2,985	2,230	2,030	

I-Joist, Glulam and Structural Composite Lumber Connectors

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# Top-Flange Hangers – I-Joists, Glulam and SCL

I-Joist, Glulam and Structural Composite Lumber Connectors

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type						
		Glulam	SCL	I-Joist Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
Double 2½ x 14	MIT314-2			• —	5½	14	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	—	1,675	1,675	1,675	1,675	1,665	1,230
				• ✓	5½	14	3	2½	(8) 0.162 x 3½	(2) 0.148 x 1½	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA5.12/14 (Min.)			• —	5½	14	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/14 (Max.)			• ✓	5½	14	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/14			• ✓	5½	14	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
WP5.12 H=14			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030	
Double 2½ x 16	MIT5.12/16			• —	5½	16	2½	2¾	(8) 0.162 x 3½	(2) 0.148 x 1½	—	1,675	1,675	1,675	1,675	1,665	1,230
				• ✓	5½	16	3	2½	(8) 0.162 x 3½	(2) 0.148 x 1½	215	2,550	2,140	2,115	2,575	1,665	1,230
	BA5.12/16 (Min.)			• —	5½	16	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/16 (Max.)			• ✓	5½	16	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/16			• ✓	5½	16	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=16			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
HWP5.12 H=16			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
Double 2½ x 18	BA5.12/18 (Min.)			• —	5½	18	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/18 (Max.)			• ✓	5½	18	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/18			• ✓	5½	18	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=18			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=18			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 2½ x 20	BA5.12/20 (Min.)			• —	5½	20	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/20 (Max.)			• ✓	5½	20	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/20			• ✓	5½	20	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=20			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=20			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 2½ x 22	BA5.12/22 (Min.)			• —	5½	22	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/22 (Max.)			• ✓	5½	22	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/22			• ✓	5½	22	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=22			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=22			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 2½ x 24	BA5.12/24 (Min.)			• —	5½	24	3	2½	(16) 0.162 x 3½	(2) 0.148 x 1½	255	4,015	3,705	4,005	3,780	3,095	1,495
	BA5.12/24 (Max.)			• ✓	5½	24	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/24			• ✓	5½	24	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12X H=24			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=24			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 2½ x 26	BA5.12/26 (Max.)			• ✓	5½	26	3	2½	(16) 0.162 x 3½	(8) 0.148 x 1½	1,275	4,715	4,320	4,500	4,720	4,005	1,495
	HB5.12/26			• ✓	5½	26	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=26			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=26			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP5.12 H=28			• ✓	5½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
Double 2½ x 28	HB5.12/28			• ✓	5½	28	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	WP5.12 H=28			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=28			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP5.12 H=30			• ✓	5½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
Double 2½ x 30	WP5.12 H=30			• ✓	5½	5¾ to 30	2½	2¾	(4) 0.162 x 2½	(2) 0.148 x 1½	—	3,095	3,605	3,605	2,985	2,230	2,030
	HWP5.12 H=30			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP5.12 H=30			• ✓	5½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HWP5.12 H=30			• ✓	5½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
5½ LAM	HB5.25	• •		• ✓	5¼	8 to 33	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP5.25	• •		• ✓	5¼	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP5.25	• •		• ✓	5¼	6 to 28	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV5	• •		•	5¼	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
	HGLT5	•		•	5¼	7½ to 32½	6	2½	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—
	HGLS5	•		•	5¼	7½ to 32½	6	SPEC	(28) N54A	(16) N54A	2,265	—	—	—	13,850	—	—
EGQ5.25-SDS	•		•	5¼	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	

See footnotes on p. 194.



# Top-Flange Hangers – I-Joists, Glulam and SCL

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type							
		Glulam	SCL	I-Joist	Web Stiff Req. <sup>7</sup>	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
5¼ x 9¼	HB5.50/9.25	•	•	✓	5½	9¼	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=9.25	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=9.25	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(10) 0.148 x 1½	1,685	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=9.25	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
5¼ x 9½	HB5.50/9.5	•	•	✓	5½	9½	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=9.5	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=9.5	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(10) 0.148 x 1½	1,685	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=9.5	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
5¼ x 11¼	HB5.50/11.25	•	•	✓	5½	11¼	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=11.25	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=11.25	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(10) 0.148 x 1½	1,685	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=11.25	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
5¼ x 11½	HB5.50/11.88	•	•	✓	5½	11¾	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=11.875	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=11.875	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(10) 0.148 x 1½	1,685	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=11.875	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=11.875	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 14	HB5.50/14	•	•	✓	5½	14	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=14	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,535	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=14	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(10) 0.148 x 1½	1,685	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=14	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=14	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 16	HB5.50/16	•	•	✓	5½	16	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=16	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.37 H=16	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=16	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=16	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 18	HB5.50/18	•	•	✓	5½	18	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=18	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=18	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=18	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 20	HB5.50/20	•	•	✓	5½	20	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.37 H=20	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=20	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=20	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 22	HWP5.37 H=22	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=22	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=22	•	•	•	5¾	4 to 30	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5¼ x 24	HWP5.37 H=24	•	•	✓	5¾	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV5.37 H=24	•	•	✓	5¾	7½ to 32½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	EGQ5.37-SDS H=24	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
5½ LAM	HB5.50X	•	•	✓	5½	8 to 33	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—	
	HWP5.62	•	•	✓	5¾	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—	
	HWP5.62	•	•	✓	5¾	6 to 28	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—	
	HGLTV6	•	•	✓	5¾	7½ to 32	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—	
	HGLTV6	•	•	—	5¾	7½ to 32	6	2½	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—	
	EGQ5.62-SDS	•	•	•	5¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—	
6¾ LAM	HB6.88X	•	•	•	✓	6¾	8 to 33	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP6.88	•	•	•	✓	6¾	6 to 28	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV7	•	•	•	✓	6¾	7½ to 31½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
	HGLTV7	•	•	•	—	6¾	7½ to 32	6	2½	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	
	HGLS7	•	•	•	—	6¾	7½ to 32½	6	SPEC	(28) N54A	(16) N54A	2,265	—	—	—	13,850	—	
	EGQ6.88-SDS	•	•	•	•	6¾	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—

I-Joist, Glulam and Structural Composite Lumber Connectors

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See footnotes on p. 194.

# Top-Flange Hangers – I-Joists, Glulam and SCL

I-Joist, Glulam and Structural Composite Lumber Connectors

Actual Joist Size (in.)	Model No.	Joist Types			Dimensions (in.)				Fasteners (in.)		Allowable Loads Header Type							
		Glulam	SCL	I-Joist	Web Stiff Req'd.7	W	H	B	TF	Header	Joist	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF/HF	DF/SCL I-Joist <sup>4</sup>
7x SCL	HB7.12X			•	✓	7½	8 to 33	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12			•	✓	7½	6 to 28	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV7.12			•	✓	7½	7½ to 31½	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
	EGQ7.25-SDS			•		7½	11¼ to 32	6	3	(28) ¼ x 3 SDS	(12) ¼ x 3 SDS	7,670	19,800	18,680	19,800	17,085	12,915	—
Double 3½ x 9½	HB7.12/9.5			•	✓	7½	9½	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=9.5			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 3½ x 11¾	HB7.12/11.88			•	✓	7½	11¾	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=11.875			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 3½ x 14	HB7.12/14			•	✓	7½	14	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=14			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(10) 0.148 x 1½	1,535	3,995	4,500	4,350	3,955	3,955	—
Double 3½ x 16	HB7.12/16			•	✓	7½	16	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=16			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
Double 3½ x 18	HB7.12/18			•	✓	7½	18	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=18			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=18			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
Double 3½ x 20	HB7.12/20			•	✓	7½	20	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=20			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=20			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
Double 3½ x 22	HB7.12/22			•	✓	7½	22	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=22			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=22			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV7.12/22			•	✓	7½	22	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
Double 3½ x 24	HB7.12/24			•	✓	7½	24	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=24			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=24			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV7.12/24			•	✓	7½	24	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
Double 3½ x 26	HB7.12/26			•	✓	7½	26	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=26			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=26			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV426-2			•	✓	7½	26	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
Double 3½ x 28	HB7.12/28			•	✓	7½	28	3½	3	(22) 0.162 x 3½	(10) 0.162 x 3½	2,075	5,815	5,640	6,395	5,395	3,820	—
	HWP7.12 H=28			•	✓	7½	6 to 28	3	2½	(9) 0.162 x 3½	(12) 0.148 x 1½	1,560	3,995	4,500	4,350	3,955	3,955	—
	HWP7.12 H=28			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV428-2			•	✓	7½	28	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
Double 3½ x 30	HWP7.12 H=30			•	✓	7½	6 to 32	3¼	2½	(12) 0.162 x 3½	(12) 0.148 x 1½	2,075	6,595	7,025	5,450	5,920	4,740	—
	HGLTV430-2			•	✓	7½	30	6	2¾	(18) 0.162 x 3½	(6) 0.162 x 3½	1,120	10,585	9,485	9,500	7,805	6,770	—
8¾ LAM	HGLT9	•				8¾	7½ to 30½	6	2½	(18) N54A	(6) N54A	2,450	—	—	—	10,720	—	—
	HGLS9	•				8¾	7½ to 30½	6	SPEC	(28) N54A	(16) N54A	2,265	—	—	—	13,850	—	—

1. Loads may not be increased for duration of load.
2. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
3. Uplift loads are based on DF/SP lumber. For SPF/HF, use 0.86 x DF/SP uplift load.
4. When an I-joist is used as header, all nails must be 0.148" x 1½", and allowable loads assume flanges that are at least 1½" thick and made of Douglas fir, LVL, or LSL. For other flange thicknesses, apply load adjustment factors found in the table below.
5. Hangers sorted in order of recommended selection for best overall performance and installation value.
6. Other nail schedules and loads are listed on product pages.
7. Web stiffeners are required where noted, when hanger is sloped or skewed, and when it supports double I-joists with flanges less than 1½" thick in hangers that are 14 gauge and thinner.
8. HGLS saddle hanger allowable loads are for each stirrup. Joist fasteners listed are for one side only. Fasteners are provided for both sides of the saddle.
9. **Fasteners:** Nail dimensions are listed diameter by length. SDS screws are Simpson Strong-Tie Strong-Drive® SDS Heavy-Duty Connector screws. See pp. 23–24 for fastener information.

I-Joist Header Load Adjustment Factors					
Flange Material or Thickness	Hanger Series				
	ITS	MIT	LBV	WP	BA
1½" to 1¼"	0.75	0.75	0.75	0.75	0.75
1¾" to 1½"	0.85	0.85	0.85	0.85	0.85
SPF	0.86	0.72	0.90	1.00	1.00

