



IHFL (18GA) and IHF (16GA) series Face Mount Hangers feature speed prongs for temporary placement and seat cleats to grab the bottom flange of the supported I-joist. Diamond holes in header and joist allow for optional Max nailing for customized fastening to match factored resistance needed. Install nails in all fastener where the Max factored resistance is needed while lighter load capacities can be achieved with a quick installation of round holes only, saving you time and money on the jobsite.

Features:

- Seat Cleats lock bottom chord of I-joist eliminating need for joist nails.
- Dimples with diamond nail holes for optional joist nailing when higher uplift resistances are needed.
- Min/Max nailing provide flexible installation options.

Materials: IHFL – 18 gauge; IHF – 16 gauge

Finish: G90 galvanizing

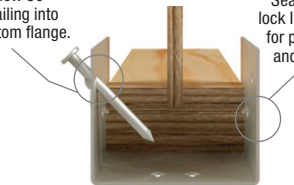
Options: See Specialty Options chart

Installation:

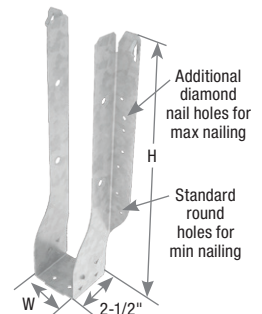
- Use all specified fasteners.
- Position I-joist into hangers and tap or push into place to fully seat joist and engage cleats.
- Web stiffeners are not required unless specified by the I-joist manufacturer.
- **Min Nailing** – Fill all round nail holes.
- **Max Nailing** – Fill all round and diamond holes.

Raised Dimple nail holes allow 30° to 45° nailing into I-Joist bottom flange.

Seat Cleat® helps lock I-Joist into place for positive seating and nailing ease.



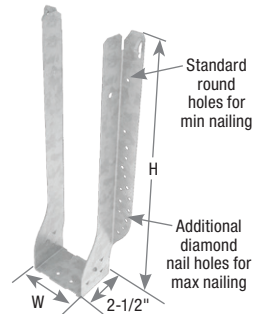
Typical IHFL2514 min nailing installation



IHFL2514



Typical IHF3516 max nailing installation



IHF3516

Joist Size (in)	MiTek Stock No.	Ref. No.	GA	Dimensions (in)		Fastener Schedule ²				DF Factored Resistance				S-P-F Factored Resistance				Ctn Qty	
										Lbs		kN		Lbs		kN			
				W	H	Min/Max	Header Qty	Header Type	Joist Qty	Joist Type	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%		Uplift ¹ 115%
1-3/4 x 9-1/4 - 9-1/2	IHFL17925	IUS1.81/9.5, LF179	18	1-3/4	8-15/16	Min	8	10d	--	--	3240	90	14.41	0.40	2425	90	10.79	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
1-3/4 x 11-7/8	IHFL17112	IUS1.81/11.88, LF1711	18	1-3/4	10-15/16	Min	10	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
1-3/4 x 14	IHFL1714	IUS1.81/14, LF1714	18	1-3/4	13-3/8	Min	12	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2 - 2-1/8 x 9-1/2	IHFL20925	IUS2.06/9.5, LF209	18	2-1/16	8-3/4	Min	8	10d	--	--	3240	90	14.41	0.40	2425	90	10.79	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2 - 2-1/8 x 11-7/8	IHFL20112	IUS2.06/11.88, LF2011	18	2-1/16	11-5/16	Min	10	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2 - 2-1/8 x 14	IHFL2014	IUS2.06/14, LF2014	18	2-1/16	13-3/16	Min	12	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2 - 2-1/8 x 16	IHFL2016	IUS2.06/16	18	2-1/16	15-11/16	Min	14	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2-5/16 x 9-1/2	IHFL23925	IUS2.37/9.5, LF239	18	2-5/16	9-3/16	Min	8	10d	--	--	3240	90	14.41	0.40	2425	90	10.79	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2-5/16 x 11-7/8	IHFL23112	IUS2.37/11.88, LF2311	18	2-5/16	11-3/16	Min	10	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2-5/16 x 14	IHFL2314	IUS2.37/14, LF2314	18	2-5/16	13-1/2	Min	12	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2-5/16 x 16	IHFL2316	IUS2.37/16	18	2-5/16	15-9/16	Min	14	10d	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					
2-1/2 x 9-1/4 - 9-1/2	IHFL25925	IUS2.56/9.5, LF259	18	2-1/2	9-1/8	Min	8	10d	--	--	3240	90	14.41	0.40	2425	90	10.79	0.40	25
						Max			2	10d x 1-1/2	405	1.80	385	1.71					

1) Factored uplift resistance has been increased 15% for short-term loads such as wind and earthquake; reduce for other load durations in accordance with the code.

2) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long. **Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.**



Joist Size (in)	MiTek Stock No.	Ref. No.	GA	Dimensions (in)		Fastener Schedule ²				DF Factored Resistance				S-P-F Factored Resistance				Qty
						Min/Max	Header		Joist		Lbs		kN		Lbs		kN	
				Qty	Type		Qty	Type	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%		
2-1/2 x 11-1/4 - 11-7/8	IHFL25112	IUS2.56/11.88, LF2511	18	2-1/2	11-1/8	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	10	10d	2	10d x 1-1/2	405	1.80	405	1.80				
2-1/2 x 14	IHFL2514	IUS2.56/14, LF2514	18	2-1/2	13-7/16	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	12	10d	2	10d x 1-1/2	405	1.80	385	1.71				
2-1/2 x 16	IHFL2516	IUS2.56/16	18	2-1/2	15-1/2	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	14	10d	2	10d x 1-1/2	405	1.80	385	1.71				
3-1/2 x 9-1/4 - 9-1/2	IHFL35925	IUS3.56/9.5, LF359	18	3-1/2	8-5/8	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	10	10d	2	10d x 1-1/2	405	1.80	385	1.71				
	IHF35925	MIU3.56/9	16	3-1/2	8-5/8	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
3-1/2 x 11-1/4 - 11-7/8	IHFL35112	IUS3.56/11.88, LF3511	18	3-1/2	10-5/8	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	10	10d	2	10d x 1-1/2	405	1.80	385	1.71				
	IHF35112	MIU3.56/11	16	3-1/2	10-5/8	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
3-1/2 x 14	IHFL3514	IUS3.56/14, LF3514	18	3-1/2	12-15/16	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	12	10d	2	10d x 1-1/2	405	1.80	385	1.71				
	IHF3514	MIU3.56/14	16	3-1/2	12-15/16	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	28	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
3-1/2 x 16	IHFL3516	IUS3.56/16	18	3-1/2	15	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	14	10d	2	10d x 1-1/2	405	1.80	385	1.71				
	IHF3516	MIU3.56/16	16	3-1/2	15	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	25
						Max	30	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
3-1/2 x 18	IHF3518	MIU3.56/18	16	3-1/2	16-9/16	Min	--	--	--	4420	90	19.66	0.40	3310	90	14.72	0.40	10
						Max	30	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
4 - 4-3/16 x 9-1/2	IHF20925-2	MIU4.12/9, MIU4.28/9	16	4-3/16	8-11/16	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	10
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
4 - 4-3/16 x 11-7/8	IHF20112-2	MIU4.12/11, MIU4.28/11	16	4-3/16	11	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	25
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
4 - 4-3/16 x 14	IHF2014-2	MIU4.12/14, MIU4.28/14	16	4-3/16	13-5/8	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	25
						Max	28	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
4-5/8 x 9-1/4	IHF23925-2	MIU4.75/9	16	4-3/4	8-3/8	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	10
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
5 x 9-1/4	IHF25925-2	MIU5.12/9	16	5-1/8	8-3/16	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	10
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	
5 x 11-1/4	IHF25112-2	MIU5.12/11	16	5-1/8	10-7/16	Min	--	--	--	3845	90	17.10	0.40	2900	90	12.90	0.40	10
						Max	24	16d	2	10d x 1-1/2	5655	605	25.15	2.69	4280	585	19.04	

1) Factored uplift resistance has been increased 15% for short-term loads such as wind and earthquake; reduce for other load durations in accordance with the code.

2) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.

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Specialty Options Chart

Option	Skewed ^{1,3,4,5}	Sloped Seat ^{2,3,4}	Sloped / Skewed ^{1,2,3,4}	Inverted Flange ⁴
Range	1° to 67-1/2° when width is 1-3/4" or less. 1° to 50° on all others.	1° to 45°	See Sloped Seat and Skewed	Not available in widths less than 2-1/4"
Factored Resistance	100% of table load. 75% of uplift load on skews greater than 15°.	100% of table load	80% of table load. 75% of uplift load on skews greater than 15°.	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add SK, angle required, right (R) or left (L), and square cut (SQ) or bevel cut (BV) to product number. Example: IHFL23925_SK45R_BV	Add SL, slope required, and up (U) or down (D), to product number. Example: IHFL23925_SL30D	See Sloped Seat and Skewed Example: IHFL23925_SK45R_BV_SL30D	Add IF, to product number. Example: IHFL23925_IF

1) Skewed hangers with skews greater than 15° may have all joist nailing on outside flange.

2) Sloped or sloped / skewed hangers with slopes greater than 15° may have additional joist nails.

3) For skewed hangers, the required cut type (square or bevel) of joist member may vary based on skew angle and width of hanger. Some square cut hangers will require custom pricing due to welded back plate.

4) Modifications to IHFL or IHF hangers do not feature seat cleats or optional nailing.

5) Skewed hangers may require web stiffeners to be installed in order to facilitate joist nail installations.