

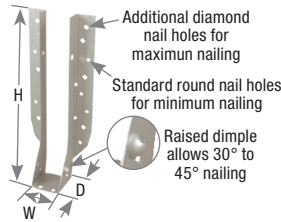
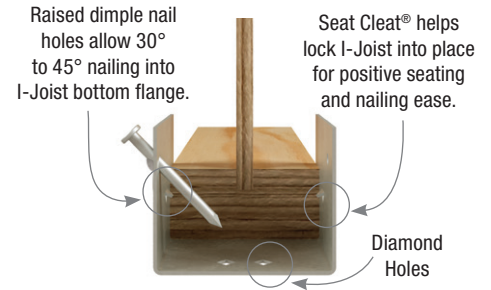
THF Face Mount Hangers



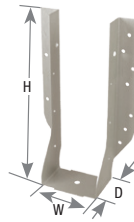
Designed to provide lateral support for the top chords of I-Joists in depths up to 16". Eliminates the need for web stiffeners in most applications (see Web Stiffener Req'd. column in chart for specific applications).

Materials: See chart
Finish: G90 galvanizing
Options: See current catalogue for options.
Codes: Factored resistances are derived from data submitted to various North American building code evaluators and are in accordance with CSA 086-14.

- Installation:**
- Use all specified fasteners.
 - Install 10d x 1-1/2" nails into joist through raised dimple at a 30° to 45° angle.
 - **THF Min** – Fill all round nail holes.
 - **THF Max** – Fill all round and diamond holes.



THF single



THF double



Typical THF I-joist to I-joist installation



Typical THF double I-joist to LVL installation

Joist Size	MiTek Stock No.	Web Stiff Req'd	Ga.	Dimensions (in)			Min/Max	Fastener Schedule ²				DF Factored Resistance (Lbs)		S-P-F Factored Resistance (Lbs)	
				W	H	D		Header		Joist		Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%
								Qty	Type	Qty	Type				
1-1/2 x 9 -1/4 - 9-1/2	THF15925	--	18	1-1/2	9-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15925	Max	12				10d	2	10dx1-1/2	3090	500	2530	410		
1-1/2 x 11-1/4 - 11-7/8	THF15112	--	18	1-1/2	11-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15112	Max	16				10d	2	10dx1-1/2	3965	500	3245	410		
1-1/2 x 14	THF15140	--	18	1-1/2	13-1/2	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF15140	Max	20				10d	2	10dx1-1/2	3875	500	3175	410		
1-3/4 x 9-1/4 - 9-1/2	THF17925	--	18	1-3/4	8-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17925	Max	12				10d	2	10dx1-1/2	3090	500	2530	410		
1-3/4 x 11-1/4 - 11-7/8	THF17112	--	18	1-3/4	10-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17112	Max	16				10d	2	10dx1-1/2	3965	500	3245	410		
1-3/4 x 14	THF17140	--	18	1-3/4	13-3/8	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF17140	Max	20				10d	2	10dx1-1/2	3875	500	3175	410		
2 - 2-1/8 x 9-1/4 - 9-1/2	THF20925	--	18	2-1/8	8-7/8	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20925	Max	12				10d	2	10dx1-1/2	3090	500	2530	410		
2 - 2-1/8 x 11-1/4 - 11-7/8	THF20112	--	18	2-1/8	11-3/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20112	Max	16				10d	2	10dx1-1/2	3965	500	3245	410		
2 - 2-1/8 x 14	THF20140	--	18	2-1/8	13-1/4	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF20140	Max	20				10d	2	10dx1-1/2	3875	500	3175	410		
2-1/4 - 2-5/16 x 9-1/4 - 9-1/2	THF23925	--	18	2-5/16	9-3/16	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/4 - 2-5/16 x 11-1/4 - 11-7/8	THF23118	--	18	2-5/16	11-3/16	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/4 - 2-5/16 x 14	THF23140	--	16	2-5/16	13-1/2	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
2-1/2 x 9-1/4 - 9-1/2	THF25925	--	18	2-1/2	9-1/8	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/2 x 11-1/4 - 11-7/8	THF25112	--	18	2-1/2	11-1/8	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/2 x 14	THF25140	--	16	2-1/2	13-7/16	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
3 x 9-1/4 - 14	THF15925-2	x	16	3-1/8	9-3/16	2-1/2	--	12	10d	6	10d	4965	3185	4070	2610
3 x 11-1/4 - 14	THF15112-2	x	16	3-1/8	10-13/16	2-1/2	--	14	10d	6	10d	5195	3185	4255	2610
3 x 14	THF15140-2	x	12	3-1/8	12-3/4	2-1/2	--	18	10d	6	10d	5195	3185	4255	2610
3-1/2 x 9-1/4 - 14	THF35925	--	18	3-1/2	8-5/8	2-1/2	--	12	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 11-7/8 - 16	THF35112	--	18	3-1/2	11-1/8	2-1/2	--	16	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 14 - 20	THF35140	--	16	3-1/2	12-15/16	2-1/2	--	20	10d	2	10dx1-1/2	6680	445	5245	365

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.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.

Use in conjunction with MiTek's current Canadian Product Catalogue for detailed hanger information.

Valid through Dec. 31, 2018

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 December 2017 USP2320-THF



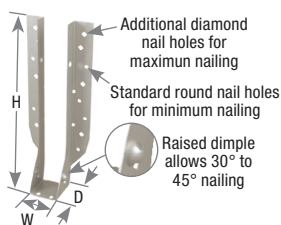
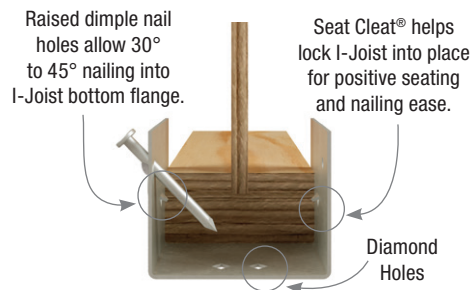


THF Face Mount Hangers

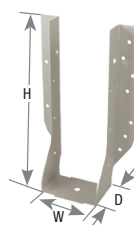
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THF single



THF double



Typical THF I-joist to I-joist installation



Typical THF double I-joist to LVL installation

Joist Size	MiTek Stock No.	Web Stiff Req'd	Ga.	Dimensions (in)			Min/Max	Fastener Schedule ²				DF Factored Resistance (Lbs)		S-P-F Factored Resistance (Lbs)	
				W	H	D		Header		Joist		Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%
								Qty	Type	Qty	Type				
1-1/2 x 9-1/4 - 9-1/2	THF15925	--	18	1-1/2	9-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15925						Max	12	10d	2	10dx1-1/2	3090	500	2530	410
1-1/2 x 11-1/4 - 11-7/8	THF15112	--	18	1-1/2	11-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15112						Max	16	10d	2	10dx1-1/2	3965	500	3245	410
1-1/2 x 14	THF15140	--	18	1-1/2	13-1/2	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF15140						Max	20	10d	2	10dx1-1/2	3875	500	3175	410
1-3/4 x 9-1/4 - 9-1/2	THF17925	--	18	1-3/4	8-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17925						Max	12	10d	2	10dx1-1/2	3090	500	2530	410
1-3/4 x 11-1/4 - 11-7/8	THF17112	--	18	1-3/4	10-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17112						Max	16	10d	2	10dx1-1/2	3965	500	3245	410
1-3/4 x 14	THF17140	--	18	1-3/4	13-3/8	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF17140						Max	20	10d	2	10dx1-1/2	3875	500	3175	410
2 - 2-1/8 x 9-1/4 - 9-1/2	THF20925	--	18	2-1/8	8-7/8	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20925						Max	12	10d	2	10dx1-1/2	3090	500	2530	410
2 - 2-1/8 x 11-1/4 - 11-7/8	THF20112	--	18	2-1/8	11-3/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20112						Max	16	10d	2	10dx1-1/2	3965	500	3245	410
2 - 2-1/8 x 14	THF20140	--	18	2-1/8	13-1/4	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF20140						Max	20	10d	2	10dx1-1/2	3875	500	3175	410
2-1/4 - 2-5/16 x 9-1/4 - 9-1/2	THF23925	--	18	2-5/16	9-3/16	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/4 - 2-5/16 x 11-1/4 - 11-7/8	THF23118	--	18	2-5/16	11-3/16	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/4 - 2-5/16 x 14	THF23140	--	16	2-5/16	13-1/2	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
2-1/2 x 9-1/4 - 9-1/2	THF25925	--	18	2-1/2	9-1/8	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/2 x 11-1/4 - 11-7/8	THF25112	--	18	2-1/2	11-1/8	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/2 x 14	THF25140	--	16	2-1/2	13-7/16	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
3 x 9-1/4 - 14	THF15925-2	x	16	3-1/8	9-3/16	2-1/2	--	12	10d	6	10d	4965	3185	4070	2610
3 x 11-1/4 - 14	THF15112-2	x	16	3-1/8	10-13/16	2-1/2	--	14	10d	6	10d	5195	3185	4255	2610
3 x 14	THF15140-2	x	12	3-1/8	12-3/4	2-1/2	--	18	10d	6	10d	5195	3185	4255	2610
3-1/2 x 9-1/4 - 14	THF35925	--	18	3-1/2	8-5/8	2-1/2	--	12	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 11-7/8 - 16	THF35112	--	18	3-1/2	11-1/8	2-1/2	--	16	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 14 - 20	THF35140	--	16	3-1/2	12-15/16	2-1/2	--	20	10d	2	10dx1-1/2	6680	445	5245	365

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Valid through Dec. 31, 2018

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 December 2017 USP2320-THF



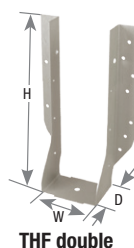
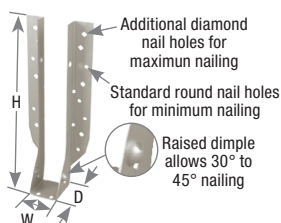
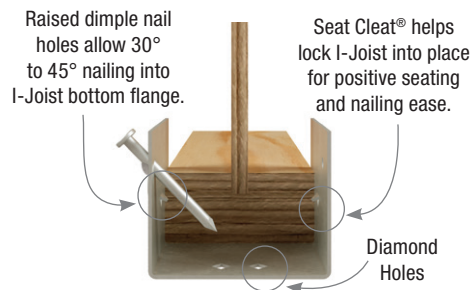


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								Qty	Type	Qty	Type				
1-1/2 x 9-1/4 - 9-1/2	THF15925	--	18	1-1/2	9-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15925	--	18	1-1/2	9-1/16	2	Max	12	10d	2	10dx1-1/2	3090	500	2530	410
1-1/2 x 11-1/4 - 11-7/8	THF15112	--	18	1-1/2	11-1/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF15112	--	18	1-1/2	11-1/16	2	Max	16	10d	2	10dx1-1/2	3965	500	3245	410
1-1/2 x 14	THF15140	--	18	1-1/2	13-1/2	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF15140	--	18	1-1/2	13-1/2	2	Max	20	10d	2	10dx1-1/2	3875	500	3175	410
1-3/4 x 9-1/4 - 9-1/2	THF17925	--	18	1-3/4	8-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17925	--	18	1-3/4	8-15/16	2	Max	12	10d	2	10dx1-1/2	3090	500	2530	410
1-3/4 x 11-1/4 - 11-7/8	THF17112	--	18	1-3/4	10-15/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF17112	--	18	1-3/4	10-15/16	2	Max	16	10d	2	10dx1-1/2	3965	500	3245	410
1-3/4 x 14	THF17140	--	18	1-3/4	13-3/8	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF17140	--	18	1-3/4	13-3/8	2	Max	20	10d	2	10dx1-1/2	3875	500	3175	410
2 - 2-1/8 x 9-1/4 - 9-1/2	THF20925	--	18	2-1/8	8-7/8	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20925	--	18	2-1/8	8-7/8	2	Max	12	10d	2	10dx1-1/2	3090	500	2530	410
2 - 2-1/8 x 11-1/4 - 11-7/8	THF20112	--	18	2-1/8	11-3/16	2	Min	8	10d	2	10dx1-1/2	2920	500	2395	410
	THF20112	--	18	2-1/8	11-3/16	2	Max	16	10d	2	10dx1-1/2	3965	500	3245	410
2 - 2-1/8 x 14	THF20140	--	18	2-1/8	13-1/4	2	Min	12	10d	2	10dx1-1/2	3655	500	2995	410
	THF20140	--	18	2-1/8	13-1/4	2	Max	20	10d	2	10dx1-1/2	3875	500	3175	410
2-1/4 - 2-5/16 x 9-1/4 - 9-1/2	THF23925	--	18	2-5/16	9-3/16	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/4 - 2-5/16 x 11-1/4 - 11-7/8	THF23118	--	18	2-5/16	11-3/16	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/4 - 2-5/16 x 14	THF23140	--	16	2-5/16	13-1/2	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
2-1/2 x 9-1/4 - 9-1/2	THF25925	--	18	2-1/2	9-1/8	2-1/2	--	12	10d	2	10dx1-1/2	3310	320	2600	260
2-1/2 x 11-1/4 - 11-7/8	THF25112	--	18	2-1/2	11-1/8	2-1/2	--	14	10d	2	10dx1-1/2	3310	690	2600	565
2-1/2 x 14	THF25140	--	16	2-1/2	13-7/16	2-1/2	--	18	10d	2	10dx1-1/2	4405	690	3460	565
3 x 9-1/4 - 14	THF15925-2	x	16	3-1/8	9-3/16	2-1/2	--	12	10d	6	10d	4965	3185	4070	2610
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3 x 14	THF15140-2	x	12	3-1/8	12-3/4	2-1/2	--	18	10d	6	10d	5195	3185	4255	2610
3-1/2 x 9-1/4 - 14	THF35925	--	18	3-1/2	8-5/8	2-1/2	--	12	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 11-7/8 - 16	THF35112	--	18	3-1/2	11-1/8	2-1/2	--	16	10d	2	10dx1-1/2	5075	445	4115	365
3-1/2 x 14 - 20	THF35140	--	16	3-1/2	12-15/16	2-1/2	--	20	10d	2	10dx1-1/2	6680	445	5245	365

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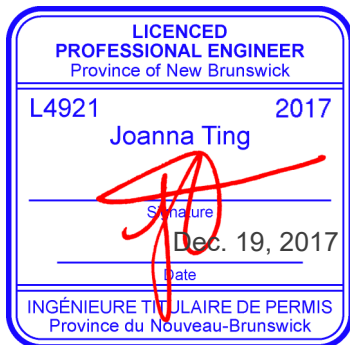
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Dec. 19, 2017



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