



The THFI is a face mount hanger designed to attach EWP I-joist members to wood headers. The unique design of the THFI combines the installation ease of a top mount hanger with the installation flexibility of a face mount hanger. Because the side flanges extend to the top chord of the I-joist, web stiffeners are not required. The THFI hangers also feature strategically placed Seat Cleats® which lock the bottom flange of the I-joist to the hanger eliminating the need for joist nails to be installed.

The innovative top flange alignment tabs with the holding cleats assist the placing and alignment of the hanger prior to nailing by hanging onto the header with holding cleats biting into the wood. If the alignment tabs are not desired or a deeper height member is to be carried, the tabs can be easily bent out of the way. Alignment tabs do not contribute to the allowable design values of the THFI hangers.

Features:

- No I-joist nailing required
- Alignment tabs simplify proper vertical alignment of hangers on header
- Holding cleats on alignment tabs grip into wood and prevent hanger from falling off during alignment
- Web stiffeners are not required for lateral stability
- Hanger seat stiffening tab
- Speed prongs allow temporary placement if alignment tabs cannot be used
- Min/Max nailing on THFI2514 model

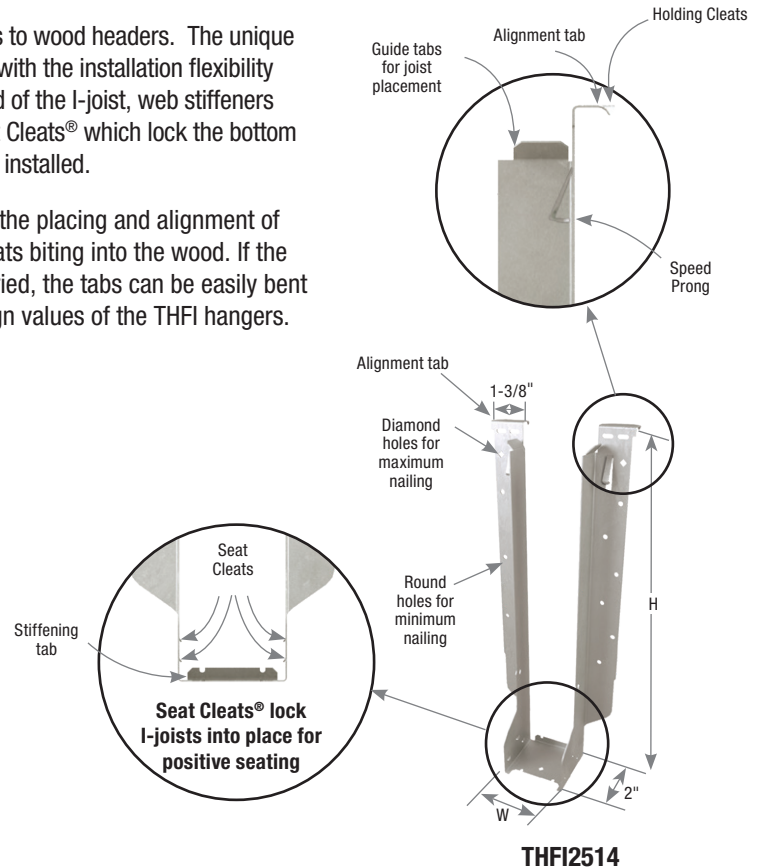
Materials: 18 Gauge

Finish: G90 galvanizing

Codes: Load values are derived from data submitted to various North American building code evaluators

Installation:

- Use all specified fasteners.
- Alignment tabs are not structural and can be bent back or removed to assist hanger placement.
- Web stiffeners are not required for THFI hangers unless specified by the I-joist manufacturer. Web stiffeners are not required for lateral stability.
- For additional uplift capacity, install (2) 10d x 1-1/2" nails through diamond holes and into the joist member (web stiffeners required).
- The THFI2514 model has diamond holes in the header flange for Min/Max nailing option. For the Max nailing option, install nails in both the round and diamond shaped header holes.



Typical THFI installation

Joist Size	MiTek Stock No.	Ref. No.	Steel Ga.	Dimensions (in)		Fastener Schedule ²				Unit	D Fir-L Factored Resistance		S-P-F Factored Resistance		Ctn Qty	
				W	H	Min/Max	Header		Joist		Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%		
							Qty	Type	Qty							Type
2-1/2 x 9-1/2	THFI2595	IUS2.56/9.5	18	2-5/8	9-1/2	--	8	10d	--	--	Lbs	2345	235	1845	185	25
											kN	10.43	1.05	8.21	0.82	
2-1/2 x 11-7/8	THFI25118	IUS2.56/11.88	18	2-5/8	11-7/8	--	10	10d	--	--	Lbs	2345	235	1845	185	
											kN	10.43	1.05	8.21	0.82	
2-1/2 x 14	THFI2514	IUS2.56/14	18	2-5/8	14	Min	12	10d	--	--	Lbs	4605	235	3615	185	
											kN	20.48	1.05	16.08	0.82	
						Max	14	10d			Lbs	4605	235	3615	185	
											kN	20.48	1.05	16.08	0.82	

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 nails are 0.148" dia. x 3" long.