

# Face Mount I-Joist Hanger

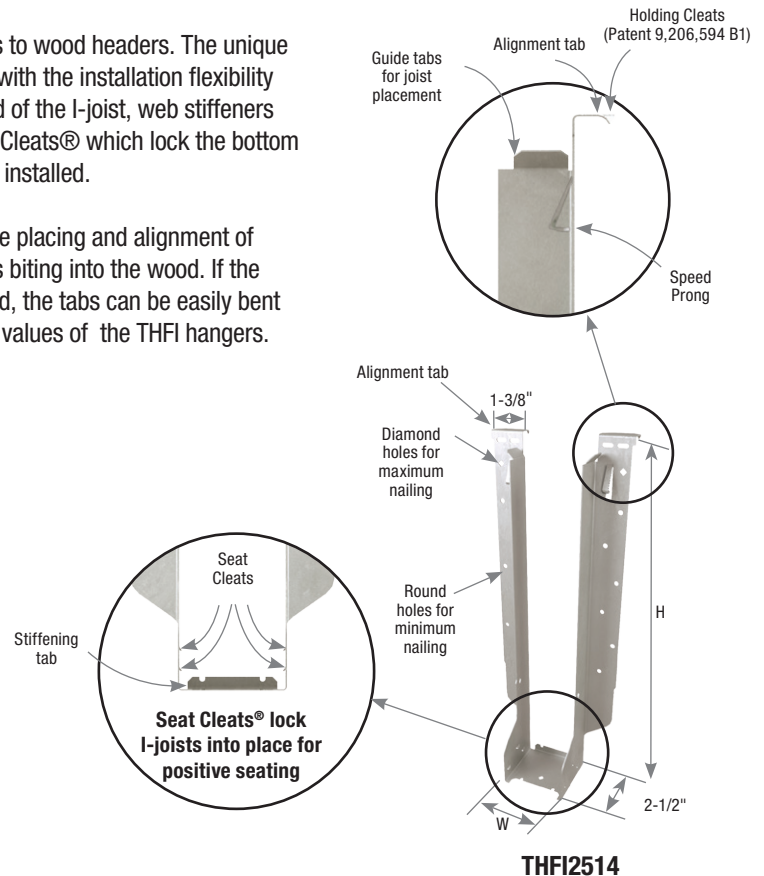
## THFI Series

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<sup>®</sup> 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.



**THFI2514**



**Typical THFI installation**

**Materials:** 18 Gauge

**Finish:** G90 galvanizing

**Codes:** ESR-3445

**Patents:** #5,564,248 & #9,206,594 B1

### 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 (0.148") 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.

Joist Size	USP Stock No.	Ref. No.	Dimensions (in)		Fastener Schedule <sup>2</sup>			Allowable Loads (Lbs.)								Ctn Qty
								DF/SP Header				S-P-F Header				
			W	H	Min/Max	Header	Joist	100%	115%	125%	Uplift <sup>1</sup> 160%	100%	115%	125%	Uplift <sup>1</sup> 160%	
2-1/2 x 9-1/2	THFI2595	IUS2.56/9.25, IUS2.56/9.5	2-5/8	9-1/2	--	(8) 10d	--	960	1095	1180	120	845	950	950	95	25
2-1/2 x 11-7/8	THFI25118	IUS2.56/11.88	2-5/8	11-7/8	--	(10) 10d	--	1200	1210	1210	120	950	950	950	95	25
2-1/2 x 14	THFI2514	IUS2.56/14	2-5/8	14	Min	(12) 10d	--	1440	1640	1770	120	1265	1445	1555	95	25
					Max	(14) 10d		1680	1915	2065		1480	1685	1795		

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 10d nails are 0.148" dia. x 3" long.