

Face Mount Truss Hangers

THD series

Medium-to-heavy capacity face mount hanger. Some THD models are available with a min/max installation option.

Materials: See chart

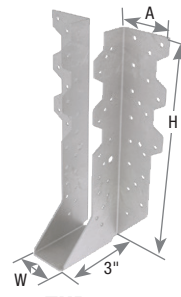
Finish: G90 galvanizing

Options: THD28-2, THD46, THD48, THD410 are available in Triple Zinc. To order, add TZ to stock number, as in THD28-2TZ.

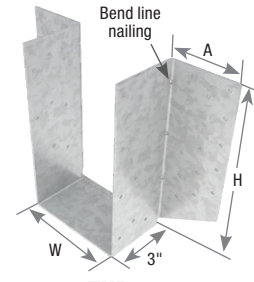
Codes: IBC, FL, LA

Installation:

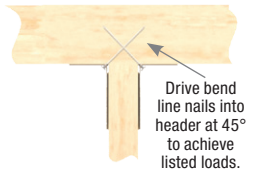
- Use all specified fasteners.
- Drive bend line nails into header at 45° to achieve listed loads.
- **Min Nailing** – Fill all round nail holes.
- **Max Nailing** – Fill all round and diamond holes.



THD210



THD210-3 (THD7210 similar)



Drive bend line nails into header at 45° to achieve listed loads.

Typical bend line nail installation



Typical THD28 installation



Typical THD EWP installation

Joist / Truss Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ²				DF/SP Allowable Loads (Lbs.)			S-P-F Allowable Loads (Lbs.)					
				W	H	D	A	Min/Max	Header		Truss		Floor 100%	Roof 115%	Uplift ¹ 160%	Floor 100%	Roof 115%	Uplift ¹ 160%		
									Qty	Type	Qty	Type								
2 x 6 - 8	THD26	HTU26	16	1-5/8	5-1/16	3	2	Min	18	16d	12	10d x 1-1/2	2645	3000	3240	2265	2325	2640	2850	1875
								Max	20	16d	20	10d x 1-1/2	2940	3240	3240	2315	2585	2665	2665	1900
2 x 8 - 10	THD28	HTU28	16	1-5/8	7	3	2	Min	28	16d	16	10d x 1-1/2	4115	4200	4200	2315	3435	3435	3435	1890
								Max	28	16d	26	10d x 1-1/2	4115	4670	4975	2315	3620	4105	4120	1915
2 x 10 - 12	THD210	HTU210	16	1-5/8	9	3	2	Min	38	16d	20	10d x 1-1/2	5315	5620	5660	3775	4110	4380	4575	3320
								Max	38	16d	32	10d x 1-1/2	5585	6145	6145	4035	4915	5120	5120	3365
(2) 2 x 6 - 8	THD26-2	HHUS26-2, HTU26-2	14	3-7/16	5-3/8	3	2	--	18	16d	12	10d	2770	3125	3355	2340	2440	2750	2950	2060
(2) 2 x 8 - 10	THD28-2	HHUS28-2, HTU28-2	14	3-7/16	7-1/8	3	2	--	28	16d	16	10d	4310	4860	5005	2595	3795	4035	4035	2090
(2) 2 x 10 - 12	THD210-2	HHUS210-2, HTU210-2	14	3-7/16	9-1/8	3	2	--	38	16d	20	10d	5850	6600	7045	3905	5145	5705	5705	3270
4 x 6 - 8	THD46	HHUS46	14	3-5/8	5-5/16	3	2	--	18	16d	12	10d	2770	3125	3355	2340	2440	2750	2950	2060
4 x 8 - 10	THD48	HHUS48	14	3-5/8	7-1/16	3	2	--	28	16d	16	10d	4310	4860	5005	2595	3795	4020	4020	2080
4 x 10 - 12	THD410	HHUS410	14	3-5/8	9-1/16	3	2	--	38	16d	20	10d	5850	6600	7045	3905	5145	5680	5680	3255
4 x 12 - 14	THD412	--	14	3-5/8	11	3	2	--	48	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255
4 x 14 - 16	THD414	--	14	3-5/8	12-7/8	3	2	--	58	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255
(3) 2 x 10 - 12	THD210-3	HHUS210-3	12	5-1/8	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6650	3240
6 x 10 - 12	THD610	HHUS5.50/10	12	5-1/2	9	3	2	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6630	3230
6 x 12 - 14	THD612	--	12	5-1/2	11	3	2	--	48	16d	20	10d	8255	8285	8285	4035	6630	6630	6630	3230
6 x 14 - 16	THD614	--	12	5-1/2	12-7/8	3	2	--	58	16d	20	10d	8285	8285	8285	4035	6630	6630	6630	3230
(4) 2 x 10 - 12	THD210-4	HHUS210-4	12	6-3/4	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6620	3230
7 x 9-1/4 - 14	THD7210	HHUS7.25/10	12	7-1/4	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6605	3220

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

Specialty Options Chart

Option	Skewed ^{1,3}	Sloped Seat ²	Sloped / Skewed ^{1,2,3}	Inverted Flange	
Range	1° to 45°	1° to 45°	See Sloped Seat and Skewed	THD26 – THD210 THD26-2 – THD414 THD210-3 – THD7210	N/A One flange Two flange
Allowable Loads	85% of table load	65% of table load	65% of table load	100% of table load. 65% of table load when nailing into the support members end grain.	
Ordering	Add <i>SK</i> , angle required, right (<i>R</i>) or left (<i>L</i>), and square cut (<i>SQ</i>) or bevel cut (<i>BLV</i>) to product number. Ex. THD410_SK45R_SQ	Add <i>SL</i> , slope required, and up (<i>U</i>) or down (<i>D</i>), to product number. Ex. THD410_SL30D	See Sloped Seat and Skewed. Ex. THD410_SK45R_SQ_SL30D	One flange option: Add <i>IF</i> , and right (<i>R</i>) or left (<i>L</i>), to product number. Ex. THD410_IFR Two flange option: Add <i>IF</i> , to product number. Ex. THD610_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.