

Materials: See chart

Finish: G90 galvanizing

Options: See Specialty Options Chart. Rough/Full sizes available.

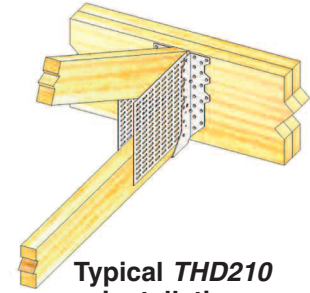
THD26, THD28, THD26-2, THD28-2, & THD210-2 are available in Triple Zinc. To order, add TZ, to stock number, as in **THD28-TZ**.

THD hangers with widths greater than 3" can have one flange inverted with no load reduction. Specify right (R) or left (L).

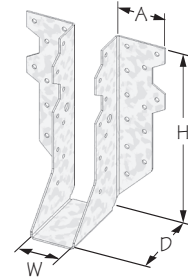
Codes: SBCCI, BOCA – NER 478, FL815, L.A. City RR 25283, DSA PA-076

Installation:

- Use all specified fasteners. See Product Notes, page 16.



Typical THD210 installation



THD28

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See ANSI/TPI section for truss chord applications page 193; for EWP applications pages 121-124.

Plated Truss

Joist / Truss Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Fastener Schedule ^{2,3}		Allowable Loads (Lbs.)				
				W	H	D	A	Header	Truss	DF-L / SP				
										Floor	Roof		Uplift ¹	
100%	115%	125%	133%	160%										
2 x 6 - 8	THD26	---	16	1-5/8	5-1/16	3	1-7/8	(18) 16d	(12) 10d x 1-1/2	2485	2855	3060	1810	2170
2 x 8 - 10	THD28	---	16	1-5/8	7	3	1-7/8	(28) 16d	(16) 10d x 1-1/2	3865	3965	3965	2330	2330
2 x 10 - 12	THD210	---	16	1-5/8	9	3	1-7/8	(38) 16d	(20) 10d x 1-1/2	5075	5115	5115	3015	3095
1-3/4 x 5-1/2 - 7-1/4	THD175	---	14	1-7/8	5	3	1-7/8	(18) 16d	(12) 10d x 1-1/2	2520	2900	3055	1825	2190
1-3/4 x 7-1/4 - 11-1/4	THD177	---	14	1-7/8	6-7/8	3	1-7/8	(28) 16d	(16) 10d x 1-1/2	3920	4485	4485	2330	2330
1-3/4 x 9-1/4 - 14	THD179	---	14	1-7/8	8-7/8	3	1-7/8	(38) 16d	(20) 10d x 1-1/2	5320	5800	5800	3040	3095
(2) 2 x 6 - 8	THD26-2	HHUS26-2	14	3-7/16	5-3/8	3	2	(18) 16d	(12) 10d	2520	2900	3055	1890	2265
(2) 2 x 8 - 10	THD28-2	HHUS28-2	14	3-7/16	7-1/8	3	2	(28) 16d	(16) 10d	3920	4510	4900	2485	2485
(2) 2 x 10 - 12	THD210-2	HHUS210-2	14	3-7/16	9-1/8	3	2	(38) 16d	(20) 10d	5320	6120	6650	3145	3775
4 x 6 - 8	THD46	HHUS46	14	3-5/8	5-5/16	3	2	(18) 16d	(12) 10d	2520	2900	3055	1890	2265
4 x 8 - 10	THD48	HHUS48	14	3-5/8	7-1/16	3	2	(28) 16d	(16) 10d	3920	4510	4900	2485	2485
4 x 10 - 12	THD410	HHUS410	14	3-5/8	9-1/16	3	2	(38) 16d	(20) 10d	5320	6120	6650	3145	3775
4 x 12 - 14	THD412	---	14	3-5/8	11	3	3	(48) 16d	(20) 10d	6650	6650	6650	3145	3775
4 x 14 - 16	THD414	---	14	3-5/8	12-7/8	3	3	(58) 16d	(20) 10d	7335	7335	7335	3145	3775
(3) 2 x 10 - 12	THD210-3	HHUS210-3	12	5-1/8	9	3	3	(38) 16d	(20) 10d	5320	6120	6650	3145	3775
6 x 10 - 12	THD610	HHUS610	12	5-1/2	9	3	3	(38) 16d	(20) 10d	5585	6425	6985	3335	3410
6 x 12 - 14	THD612	---	12	5-1/2	11	3	3	(48) 16d	(20) 10d	7055	8115	8415	3335	4000
6 x 14 - 16	THD614	---	12	5-1/2	12-7/8	3	3	(58) 16d	(20) 10d	7335	7335	7335	3145	3775

1) Uplift loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.

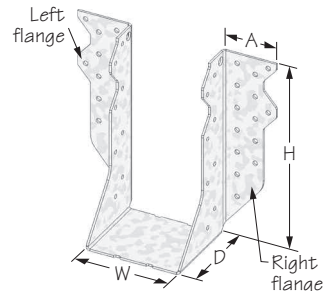
2) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.

3) Minimum nail penetration is 1-5/8" for 16d nails.

Some model designs may vary from illustration shown

Specialty Options Chart – refer to Specialty Options pages 206 to 209 for additional details.

Option	Skewed ^{1,3}	Sloped Seat ^{2,3}	Sloped / Skewed ^{1,2,3}	Inverted Flange
Range	1° to 45°	1° to 45°	See Sloped Seat and Skewed	Not available in widths < 3". Widths ≥ 3" can have one flange inverted.
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 SK, angle required, and right (R) or left (L), to product number. Ex. THD410-SK45R	Add SL, slope required, and up (U) or down (D), to product number. Ex. THD410-SL30D	See Sloped Seat and Skewed. Ex. THD410-SK45RSL30D	Add 1/F, one flange, right (R) and left (L), to product number. Ex. THD4101FR



THD28-2

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) All sloped, skewed, or combinations require bevel cut on joist in all applications.