

The TMP and TMPH are designed to make rafter-to-plate connections and eliminate time-consuming bird's-mouth notching or bevel plate installation. Both series are available in I-Joists sizes, as well as standard 2x sizes.

**TMP** – Adjusts to pitches from 1/12 to 6/12

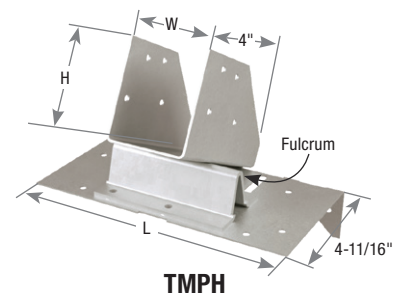
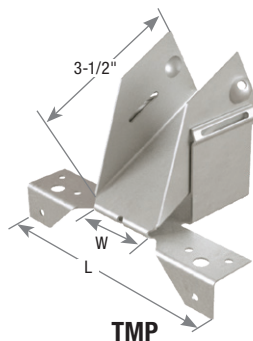
**TMPH** – Adjusts to pitches from 6/12 to 14/12

**Materials:** TMP – 18 gauge;

TMPH – 16 gauge, Fulcrum – 12 gauge

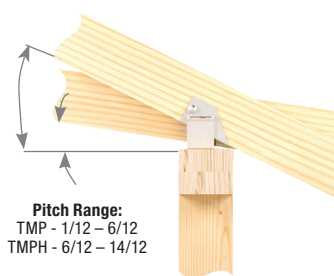
**Finish:** G90 galvanizing

**Codes:** IBC, FL, LA



### Installation:

- Use all specified fasteners. See Product Notes, page 18.
- Position connector on top plate. Fasten connector to outside of top plate with specified nails. Insert rafter into rafter pocket. Adjust rafter and pocket to correct pitch. Fasten rafter to connector with specified nails. Installing the **TMP** requires driving specified nails through the opposing slots in the pocket. **TMPH** installation involves sliding the fulcrum until it supports the pocket at the desired pitch and nailing down through the fulcrum base into the top plate to lock the fulcrum into position.



Typical TMP installation



Typical TMPH installation

### TMP Chart

Rafter Width (in)	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule <sup>2</sup>				DF/SP Allowable Loads (Lbs.) <sup>1</sup>		S-P-F Allowable Loads (Lbs.) <sup>1</sup>		Code Ref.
				W	L	Plate		Rafter		Download (100/115/125)	Uplift 160%	Download (100/115/125)	Uplift 160%	
						Qty	Type	Qty	Type					
1-1/2	TMP2	VPA2	18	1-9/16	5-9/16	6	10d	4	10d x 1-1/2	1705	245	1705	190	IBC, FL, LA
1-3/4	TMP175	VPA25	18	1-13/16	5-9/16	6	10d	4	10d x 1-1/2	1705	245	1705	185	
2 or 2-1/8	TMP21	VPA2.06, VPA2.1	18	2-1/8	6-3/8	6	10d	4	10d x 1-1/2	1705	245	1705	185	
2-5/16	TMP23	VPA35	18	2-3/8	6-3/8	6	10d	4	10d x 1-1/2	1705	245	1705	185	
2-1/2 or 2-5/8	TMP25	VPA3	18	2-11/16	6-3/8	6	10d	4	10d x 1-1/2	1705	245	1705	185	
3	TMP31	--	18	3-1/8	7-5/16	6	10d	4	10d x 1-1/2	1705	245	1705	185	
3-1/2	TMP4	VPA4	18	3-9/16	7-5/16	6	10d	4	10d x 1-1/2	1705	245	1705	185	

1) Allowable loads may not be increased for duration of load adjustments.

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.

New products or updated product information are designated in **blue font**.

### TMPH Chart

Rafter Width (in)	MiTek USP Stock No.	Ref. No.	Dimensions (in)			Fastener Schedule <sup>3</sup>				DF/SP Allowable Loads (Lbs.) <sup>1</sup>										Code Ref.	
			W	H	L	Plate		Rafter <sup>2</sup>		According to Pitch											
						Top Qty	Side Qty	Type	Qty	Type	6/12	7/12	8/12	9/12	10/12	11/12	12/12	13/12	14/12		Uplift 160%
1-1/2	TMPH2	VPA2	1-9/16	2-1/2	6-9/16	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	IBC, FL, LA
1-3/4	TMPH175	VPA25	1-13/16	2-3/8	6-9/16	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	
2 or 2-1/8	TMPH21	VPA2.06, VPA2.1	2-1/8	2-5/8	7-3/8	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	
2-5/16	TMPH23	VPA35	2-3/8	2-1/2	7-3/8	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	
2-1/2 or 2-5/8	TMPH25	VPA3	2-11/16	2-5/16	7-3/8	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	
3	TMPH31	--	3-1/8	2-11/16	8-9/16	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	
3-1/2	TMPH4	VPA4	3-9/16	2-1/2	8-9/16	8	2	10d	8	10d x 1-1/2	3190	3290	3390	3140	2900	2710	2520	2230	1950	330	

1) Allowable loads may not be increased for duration of load adjustments.

2) Web stiffeners are required for all Wood I-Joist installations.

3) **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.

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