THAR/L422

Adjustable Skewed Truss Hanger

Designed for 4x2 floor trusses and 4x beams, the THAR/L422 has a standard skew of 45°. Straps must be bent for top flange installation. Positive-angle nailing (PAN) helps eliminate splitting of 4x2 truss bottom chords.

Material: 16 gauge

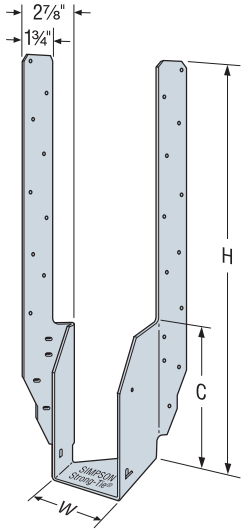
Finish: Galvanized

Installation:

- Use all specified fasteners; see General Notes
- Straps must be field-formed over the header a minimum of 2½"
- Minimum and maximum nailing configurations available — see table for nailing requirements

Codes: See p. 13 for Code Reference Key Chart

Web Applications:
Visit **app.strongtie.com/hs** to access our Hanger Selector web application.



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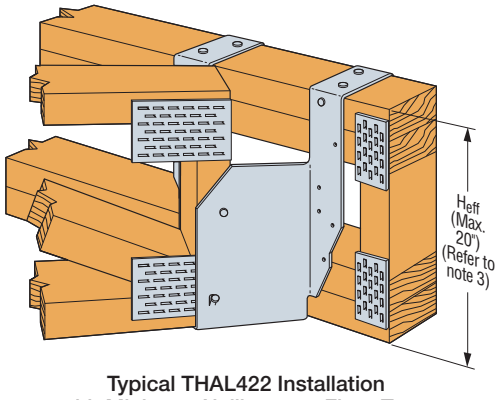

Typical THAL422 Installation with Minimum Nailing on a Floor Truss with Double 4x2 Top Chord

Model No.	Ga.	Dimensions (in.)			Min. Top Chord on Carrying Member	Effective Height Heff[3]	Fasteners (in.)				DF/SP Allowable Loads				SPF/HF Allowable Loads				Code Ref.
							Carrying Member		Carried Member		Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
		W	H	C			Top	Face	Straight	Slant									
THAR/L422 (Min.)	16	3⅝	22⅝	8	Single 4x2	9 min.	(4) 0.148 x 1½	(2) 0.148 x 1½	(1) 0.148 x 1½	(2) 0.148 x 1½	—	880	880	880	—	755	755	755	IBC®, FL, LA
					Double 4x2	9 to 12	(4) 0.148 x 3	(2) 0.148 x 3	(1) 0.148 x 3	(2) 0.148 x 1½	—	1,525	1,525	1,525	—	1,315	1,315	1,315	
						> 12					—	1,090	1,090	1,090	—	935	935	935	
THAR/L422 (Max.)	16	3⅝	22⅝	8	Double 4x2	9 min.	(4) 0.148 x 3	(8) 0.148 x 3	(1) 0.148 x 3	(2) 0.148 x 1½	310	1,675	1,675	1,675	265	1,440	1,440	1,440	

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
2. Roof loads are 125% of floor loads unless limited by other criteria. Floor loads may be adjusted for load durations according to the code provided they do not exceed those in the roof column.
3. Where the top of the carried member is flush with the top of the carrying member, H_{eff} is equal to the depth of the carried member. Otherwise, H_{eff} shall be measured from the top of the bearing seat to the top of the carrying member.
4. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 23–24 for fastener information.