

THAR/L422 ADJUSTABLE TRUSS HANGERS



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

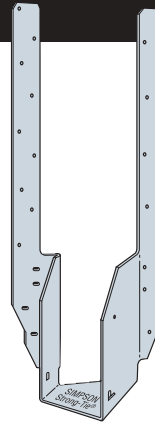
MATERIAL: See table.

FINISH: Galvanized.

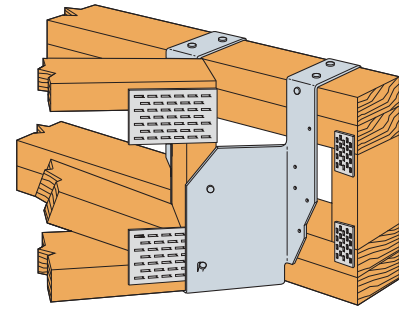
INSTALLATION: • Use all specified fasteners. See General Notes.

- Install 10dx1½" nails into carried member PAN nail holes and 10d common nail into round joist nail hole. Use 10d common nails into carrying member.
- Straps must be field-formed over the header a minimum of 2½".

CODES: See page 8 for Code Listing Key Chart.



THAL422



Typical THAL422 installed on 4x2 wood truss.

Minimum Carried Member	Model No.	Ga	Dimensions			Fasteners				Down Avg Ult	Doug-Fir-Larch/Southern Pine Allowable Loads ¹				Spruce-Pine-Fir Allowable Loads ¹			Code Ref.	
			W	H	C	Carrying Member		Carried Member			Uplift ² (133 & 160)	Floor (100)	Snow (115)	Roof (125)	Uplift ² (133 & 160)	Floor (100)	Snow (115)		Roof (125)
						Top	Face	Straight	Slant										
Factory Skew 45°																			
4x Truss	THAR/L422	16	3⅝	22⅝	8	4-10d	2-10d	1-10d	2-10dx1½	3887	—	1090	1090	1090	—	915	915	915	160
4x Truss	THAR/L422	16	3⅝	22⅝	8	4-10d	12-10d	1-10d	2-10dx1½	6337	310	1416	1628	1675	260	1190	1370	1405	

1. For nailing conditions with 4-10d top, and 2-10d face nails, when the hanger height is between 9" and 12", the allowable download is 1440 lbs for DFL and 1210 lbs for SPF. No further increase is allowed.
2. Uplift has been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
3. 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.

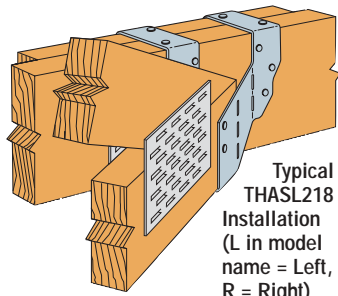
THASR/L ADJUSTABLE TRUSS HANGERS

Field skewable from 46° to 84°. No special order needed.

MATERIAL: See table.

FINISH: Galvanized

CODES: See page 8 for Code Listing Key Chart.

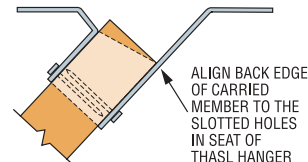


Typical THASL218 Installation (L in model name = Left, R = Right)

INSTALLATION SEQUENCE:

Step 1

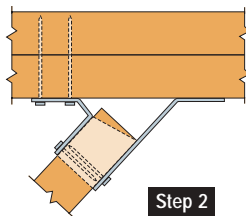
Install carried member into the seat of the hanger. Secure with 4 10dx1½" nails.



ALIGN BACK EDGE OF CARRIED MEMBER TO THE SLOTTED HOLES IN SEAT OF THASR HANGER

Step 2

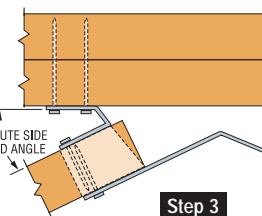
Install 10d nails into header on the acute angle side first.



ROTATE ACUTE SIDE TO DESIRED ANGLE

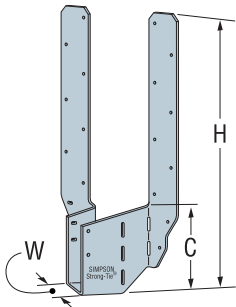
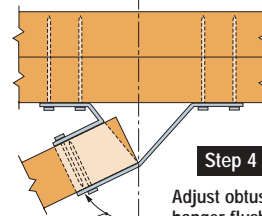
Step 3

Adjust acute side of hanger to the desired angle.



Step 4

Adjust obtuse side of hanger flush with the carrying member. Install 10d nails into header on obtuse side.



THASL218

Minimum Carried Member	Model No.	Ga	Dimensions			Fasteners				Down Avg Ult	Doug-Fir-Larch/Southern Pine Allowable Loads				Spruce-Pine-Fir Allowable Loads			Code Ref.	
			W	H	C	Carrying Member		Carried Member			Uplift ² (133 & 160)	Floor (100)	Snow (115)	Roof (125)	Uplift ² (133 & 160)	Floor (100)	Snow (115)		Roof (125)
						Top	Face	Straight	Slant										
FACTORY SKEW 45°																			
2x Truss	THASR/L218	18	1⅝	18	5¼	4-10d	6-10d	4-10dx1½	—	4762	—	1390	1390	1390	—	1195	1195	1195	170
2-2x Truss	THASR/L218-2	18	3⅝	18	5¼	4-10d	6-10d	4-10dx1½	—	4342	—	1050	1050	1050	—	905	905	905	
FIELD SKEW 46° TO 84°																			
2x Truss	THASR/L218	18	1⅝	18	5¼	4-10d	6-10d	4-10dx1½	—	6133	—	1155	1155	1155	—	995	995	995	170
2-2x Truss	THASR/L218-2	18	3⅝	18	5¼	4-10d	6-10d	4-10dx1½	—	6050	—	1070	1070	1070	—	920	920	920	

1. 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.