

# 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.

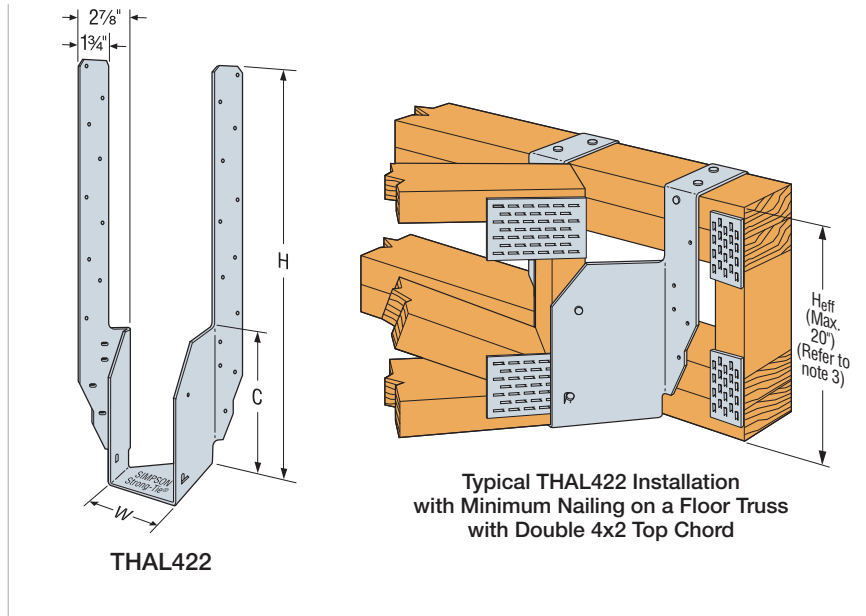
**Material:** 16 gauge

**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. 11 for Code Reference Key Chart



| Model No.        | Ga. | Dimensions (in.) |      |          | Min. Top Chord on Carrying Member | Effective Height Heff <sup>3</sup> | 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)  |
|                  |     | Top              | Face | Straight |                                   |                                    | Slant           |                |                |                |                       |             |            |            |                        |             |            |           |             |
| THAR/L422 (Min.) | 16  | 3%               | 22%  | 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 |
|                  |     |                  |      |          |                                   | 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       |             |
| THAR/L422 (Max.) | 16  | 3%               | 22%  | 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<sub>eff</sub> is equal to the depth of the carried member. Otherwise, H<sub>eff</sub> 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. 21–22 for fastener information.