

H/LTA2

Seismic and Hurricane Ties / Lateral Truss Anchor

The Hurricane Tie series features various configurations of wind and seismic ties for trusses and rafters.

The H10S provides a high-capacity connection from truss/rafter to wall. Also suitable for wood-to-wood applications (see pp. 314–316).

The HM9 is designed to retrofit roof truss/rafters for block construction. The HM9 hurricane tie provides high uplift and lateral capacity using Simpson Strong-Tie® **Titen® 2 concrete and masonry screws**.

The presloped 5/12 seat of the H16 provides for a tight fit and reduced deflection. The strap length provides for various truss heights up to a maximum of 13½". Minimum heel height for H16 series is 4".

The LTA2 is an embedded truss anchor for grout-filled CMU and concrete walls that develops high loads with shallow embedment. Designed for 2x4 minimum truss chords, the LTA2 resists uplift and lateral loads parallel and perpendicular to the wall with a minimum heel height requirement.

Material: H Ties — see table; LTA2 — 18 gauge

Finish: Galvanized; see Corrosion Information, pp. 15–18

Installation:

- Use all specified fasteners; see General Notes.

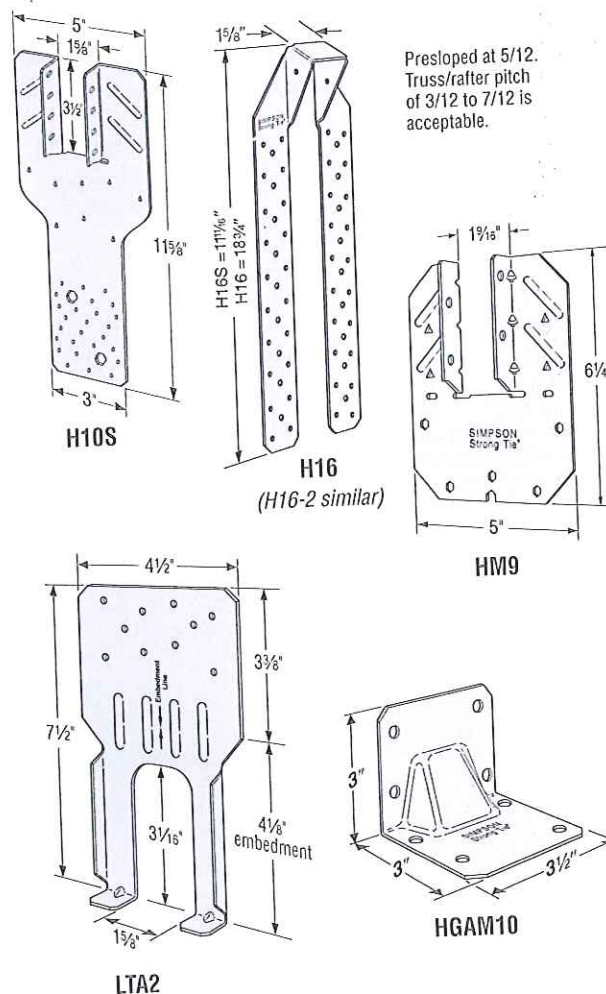
H Ties:

- Connectors attached using hex head Simpson Strong-Tie® Titen® screws.
- Attach to grouted concrete block with a minimum one #5 rebar horizontal in the course.
- Hurricane ties do not replace solid blocking.

LTA2:

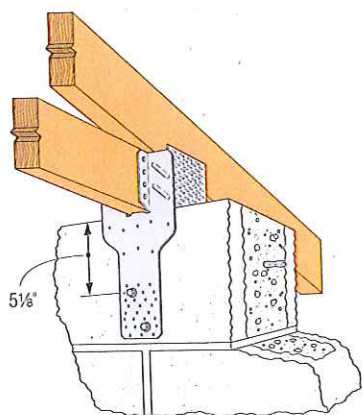
- Whether in grout-filled CMU or concrete, the LTA2 must be embedded to the depth of the embedment line stamped on the part.
- A minimum of one horizontal #5 rebar is required at top of concrete or in the top course of grout-filled CMU.
- For parallel-to-wall applications, install the LTA2 with flanges facing the center of the wall. Minimum edge distance of 1½" required.

Codes: See p. 14 for Code Reference Key Chart

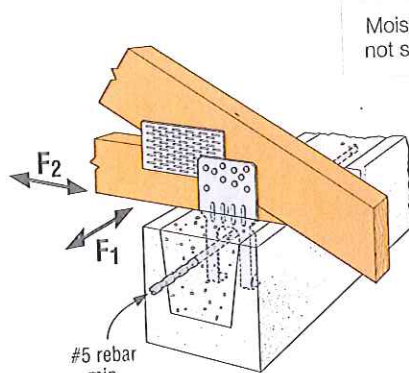


Presloped at 5/12. Truss/rafter pitch of 3/12 to 7/12 is acceptable.

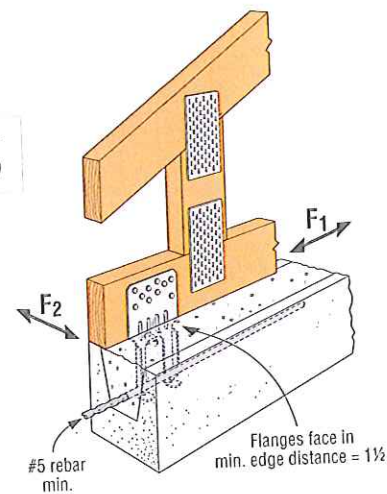
Masonry and Concrete Connectors



Typical H10S Installation



LTA2 Perpendicular-to-Wall Installation



LTA2 Parallel-to-Wall Installation