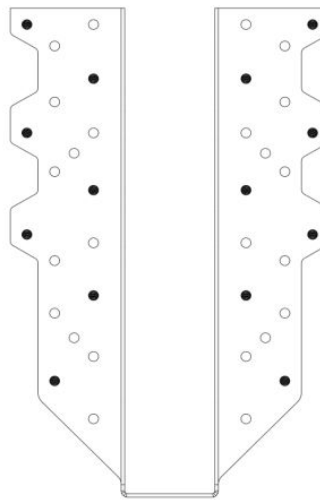




# THD210 Truss Hanger Masonry Application

The THD210 Truss Hanger can be used to connect 2x10 or 2x12 plated wood trusses, rafters, or joists to masonry wall structures. Allowable loads are based on proper use of fasteners installed per manufacturer's specifications.

- Masonry screw shall be 3/16" diameter Powers® Fasteners Tapper+ or equivalent
- Minimum masonry screw embedment shall be 1-1/4"
- Install masonry screws **only in shaded fastener holes** as indicated on illustration to achieve listed loads in the table below



THD210

| Joist Size | MiTek Stock No. | Steel Gauge | Dimensions (in) |   |   | Fastener Schedule <sup>2</sup> |                           |            |                   | DF/SP Allowable Load (Lbs.) <sup>1,3</sup> |                          |                                |
|------------|-----------------|-------------|-----------------|---|---|--------------------------------|---------------------------|------------|-------------------|--------------------------------------------|--------------------------|--------------------------------|
|            |                 |             | W               | H | D | Masonry                        |                           | Joist/Beam |                   | Download 100%                              | Uplift <sup>5</sup> 160% | Field Uplift <sup>6</sup> 160% |
|            |                 |             |                 |   |   | Qty                            | Tapper+® HWH Screw Anchor | Qty        | Type <sup>4</sup> |                                            |                          |                                |
| 2 x 10-12  | THD210          | 16          | 1-5/8           | 9 | 3 | 14                             | 3/16"                     | 20         | 10d x 1-1/2       | 1960                                       | 1400                     | 1960                           |

- 1) Allowable loads assume the use of Powers® Tapper+® HWH 3/16" with minimum embedment of 1-1/4".
- 2) Fasteners to be installed per manufacturer's recommendations.
- 3) Allowable loads are based on specified holes being filled.
- 4) 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.
- 5) Allowable uplift when the uppermost masonry fasteners have an edge distance less than 2" from the top of the masonry wall.
- 6) Allowable uplift when the uppermost masonry fasteners have an edge distance greater than 2" from the top of the masonry wall.

### Customer Service & Technical Assistance

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