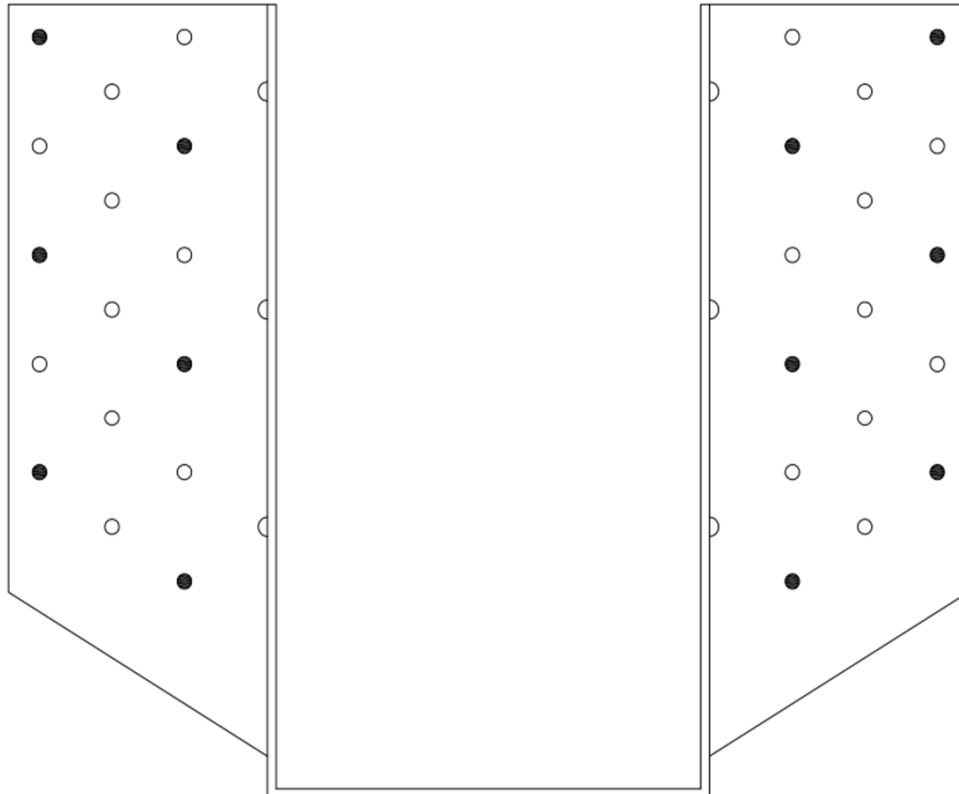


**Technical Bulletin**  
**THD210-3 Truss Hanger**  
**MASONRY APPLICATION**

The *THD210-3 Truss Hanger* can be used to connect triple 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+.
- 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.



| USP<br>Stock No | Description                | Fastener Schedule <sup>2</sup> |      |                   |         |       | DF/SP Allowable Load (lbs) <sup>1,3</sup> |                             |                                   |
|-----------------|----------------------------|--------------------------------|------|-------------------|---------|-------|---|-----------------------------|-----------------------------------|
|                 |                            | Steel<br>Gauge                 | Wood |                   | Masonry |       | Down<br>100%                              | Uplift <sup>5</sup><br>160% | Field Uplift <sup>6</sup><br>160% |
|                 |                            |                                | Qty  | Size <sup>4</sup> | Qty     | Size  |   |                             |                                   |
| THD210-3        | (3) 2 x 10-12 Truss Hanger | 12                             | 20   | 10d               | 12      | 3/16" | 1680                                      | 1120                        | 1680                              |

1) Allowable loads assume the use of Powers® Fasteners 3/16" Tapper+™ with minimum embedment of 1-1/4".

2) Fasteners to be installed per manufacturer's recommendations.

3) Allowable loads based on specified holes being filled.

4) Minimum embedment shall be 1-1/2" for 10d nails.

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.