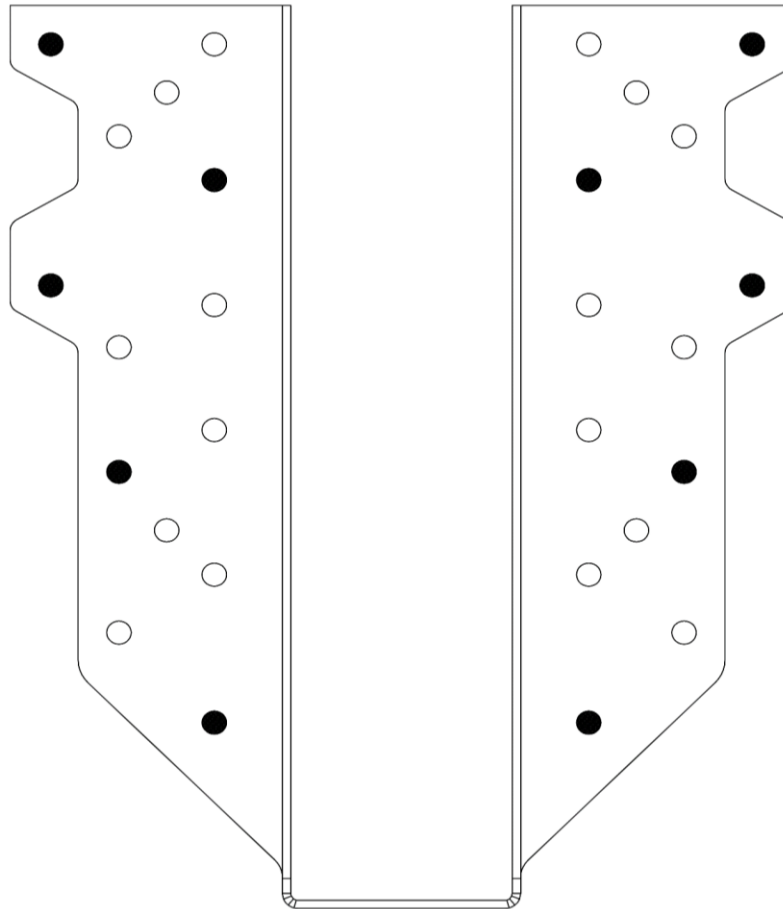


Technical Bulletin
THD28 Truss Hanger
MASONRY APPLICATION

The *THD28 Truss Hanger* can be used to connect 2x8 or 2x10 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 Stock No	Description	Steel Gauge	Fastener Schedule ²				DF/SP Allowable Load (lbs) ^{1,3}		
			Wood		Masonry		Down	Uplift ⁵	Field Uplift ⁶
			Qty	Size ⁴	Qty	Size	100%	160%	160%
THD28	2 x 8-10 Face Mount Hanger	16	16	10d x 1-1/2	10	3/16"	1400	840	1400

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) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 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.