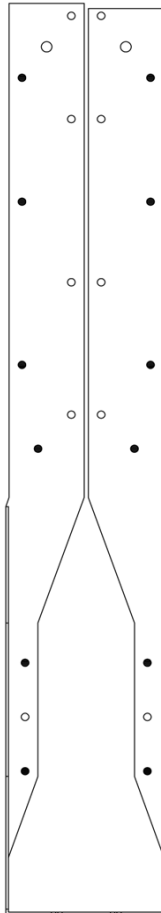


Technical Bulletin
MSH422IF Strap Hanger
MASONRY APPLICATION

The *MSH422IF Strap Hanger* can be used to connect 3-1/2" wide Floor Trusses 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	Fastener Schedule ²				DF/SP Allowable Load (lbs) ^{1,3}			
		Steel Gauge	Wood		Masonry		Down 100%	Uplift ⁵ 160%	Field Uplift ⁶ 160%
			Qty	Size ⁴	Qty	Size			
MSH422IF	3-1/2" wide inverted strap hanger	16	4	10d	12	3/16"	1680	605	605

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.