

# TECHNICAL BULLETIN

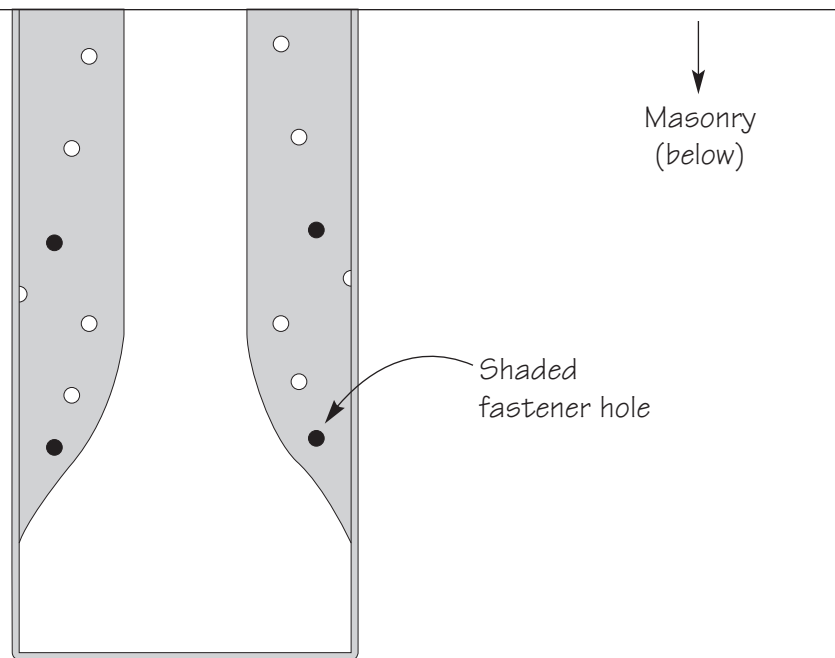
## HD48IF Masonry Application

### Masonry Installation Option for HD48IF Face Mount Hanger

USP's *HD48IF Face Mount Hanger* can be used to connect 4x8, 4x10, or 4x12 plated wood trusses, rafters, or joists to masonry wall structures. Allowable loads are based upon the proper use of fasteners installed per manufacturer's specifications:

- Masonry screw shall be 3/16" diameter.
- Minimum masonry screw embedment shall be 1 3/4".
- Install masonry screws **only** in **shaded fastener holes** as indicated on illustration to achieve listed loads.
- Hanger applications are designed to meet minimum edge distance requirements when installed flush to the top of the concrete masonry unit.

Masonry Edge Line



USP Stock No.	Ref. No.	Description	Steel Gauge	Fastener Schedule <sup>2</sup>		Allowable Loads (Lbs.) <sup>1,3</sup>			
				Joist Nails <sup>4</sup>	Masonry Screws	Uplift			
						100%	125%	133%	160%
HD48IF	HUC48	4 x 8-12 Face Mount Hanger, Inverted Flange	14	(6) 10d	(4) 3/16	1225	1225	910	1095

1) Allowable loads assume use of Powers® Fasteners 3/16" Tapper™ minimum embedment of 1-3/4".  
 2) Fasteners to be installed per manufacturer's specifications.  
 3) Allowable loads assume specified holes to be filled.  
 4) Minimum nail embedment shall be 1-3/4" for 10d nails.