

# TECHNICAL BULLETIN

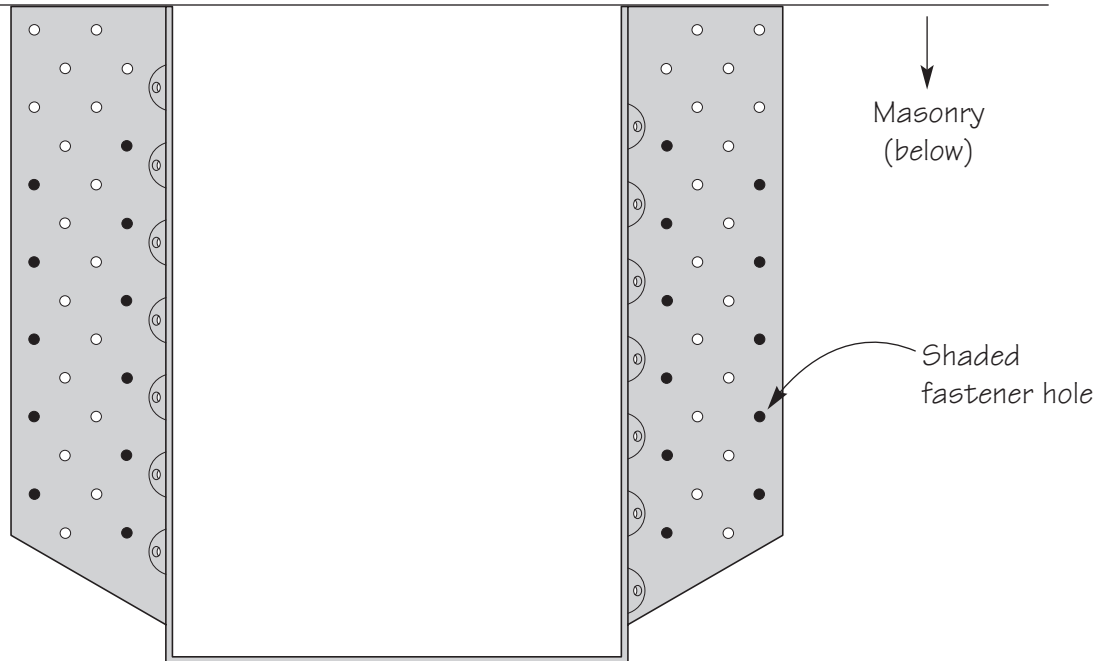
## THDH7212 Masonry Application

### Masonry Installation Option for THDH7212 Face Mount I-Joist Hanger

USP's THDH7212 Face Mount I-Joist Hanger can be used to connect 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:

- Drive joist nails into joist at 90° to achieve listed loads.
- 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>4,5</sup>	Masonry Screws	100%	125%	Uplift	
								133%	160%
THDH7212	HGUS7.25/12	7-1/4" x 11-1/4" - 16" Heavy-Duty Truss Hanger	12	(14) 16d	(22) 3/16	4380	4380	2605	3135

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 1-15/16" for 16d nails.  
 5) Joist nails shall not be installed in "double shear" configuration as is normally required for this hanger.