

# TECHNICAL BULLETIN

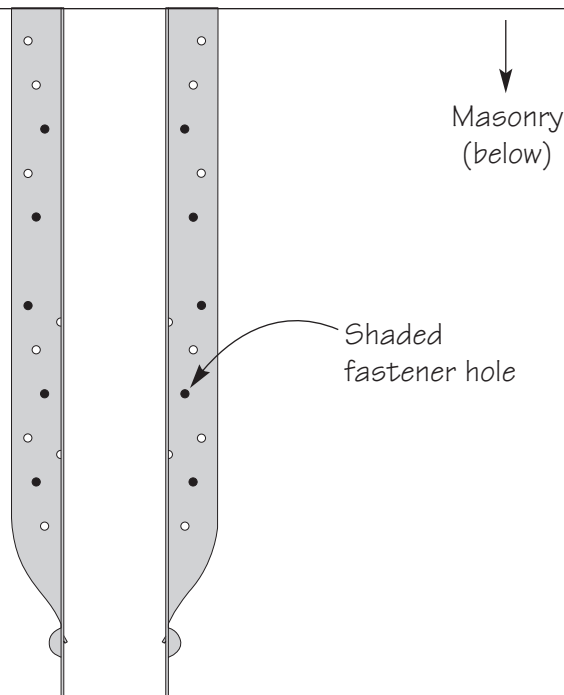
## THF23160 Masonry Application

### Masonry Installation Option for THF23160 Face Mount I-Joist Hanger

USP's THF23160 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:

- 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	100%	125%	Uplift	
								133%	160%
THF23160	MIU2.37/16	2-1/4" - 2-5/16" x 16" Face Mount I-Joist Hanger	16	(2) 10d x 1-1/2	(10) 3/16	3045	3045	175	175

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