

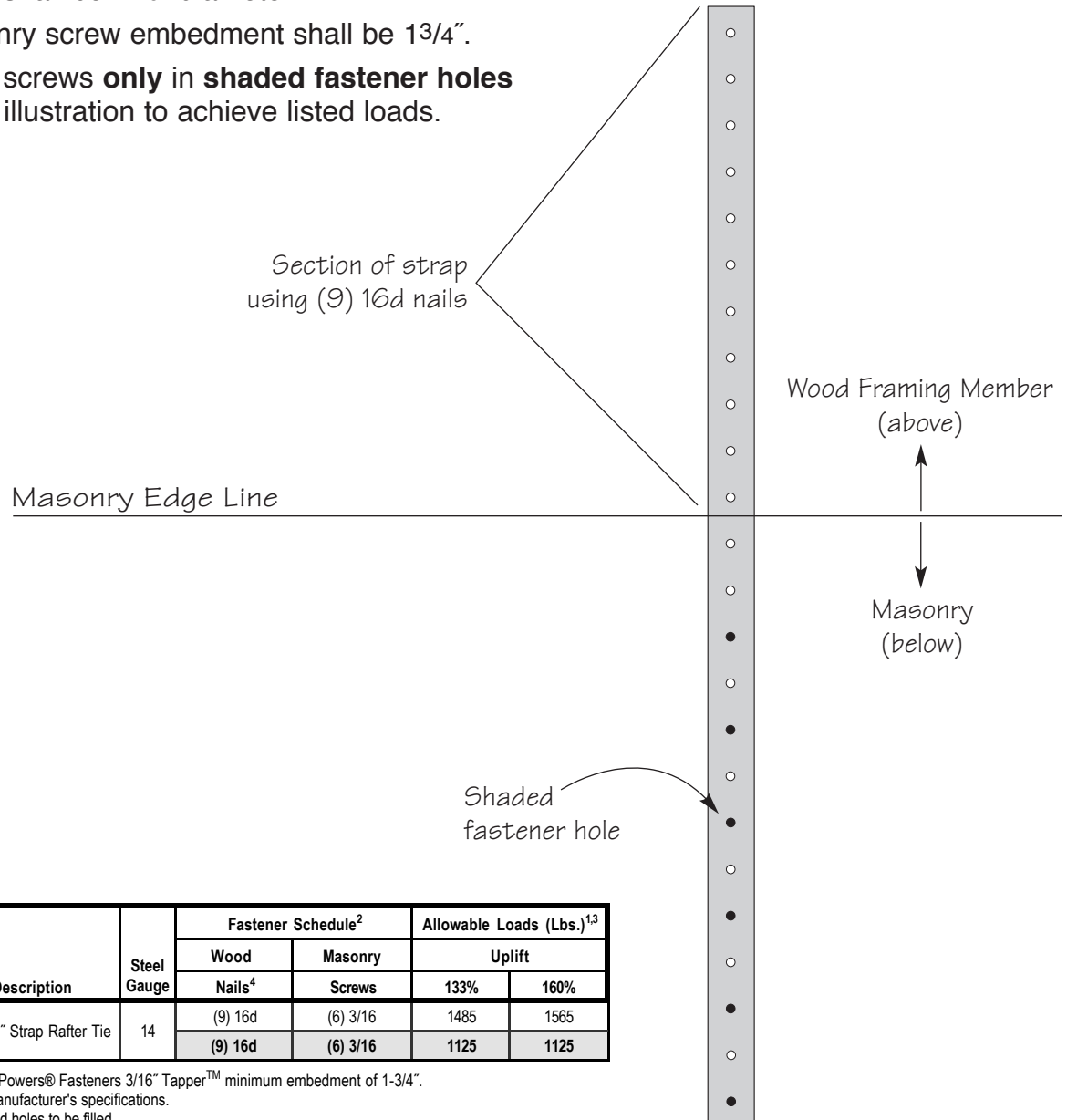
TECHNICAL BULLETIN

RT24F Masonry Application

Masonry Installation Option for RT24F Strap Rafter Tie

USP's *RT24F Strap Rafter Tie* can be used to connect plated wood trusses or rafters 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.



USP Stock No.	Ref. No.	Description	Steel Gauge	Fastener Schedule ²		Allowable Loads (Lbs.) ^{1,3}	
				Wood	Masonry	Uplift	
				Nails ⁴	Screws	133%	160%
RT24F	MSTAM24	1" x 24" Strap Rafter Tie	14	(9) 16d	(6) 3/16	1485	1565
				(9) 16d	(6) 3/16	1125	1125

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.

Values represent loads which do not include a stress increase on the steel calculations.