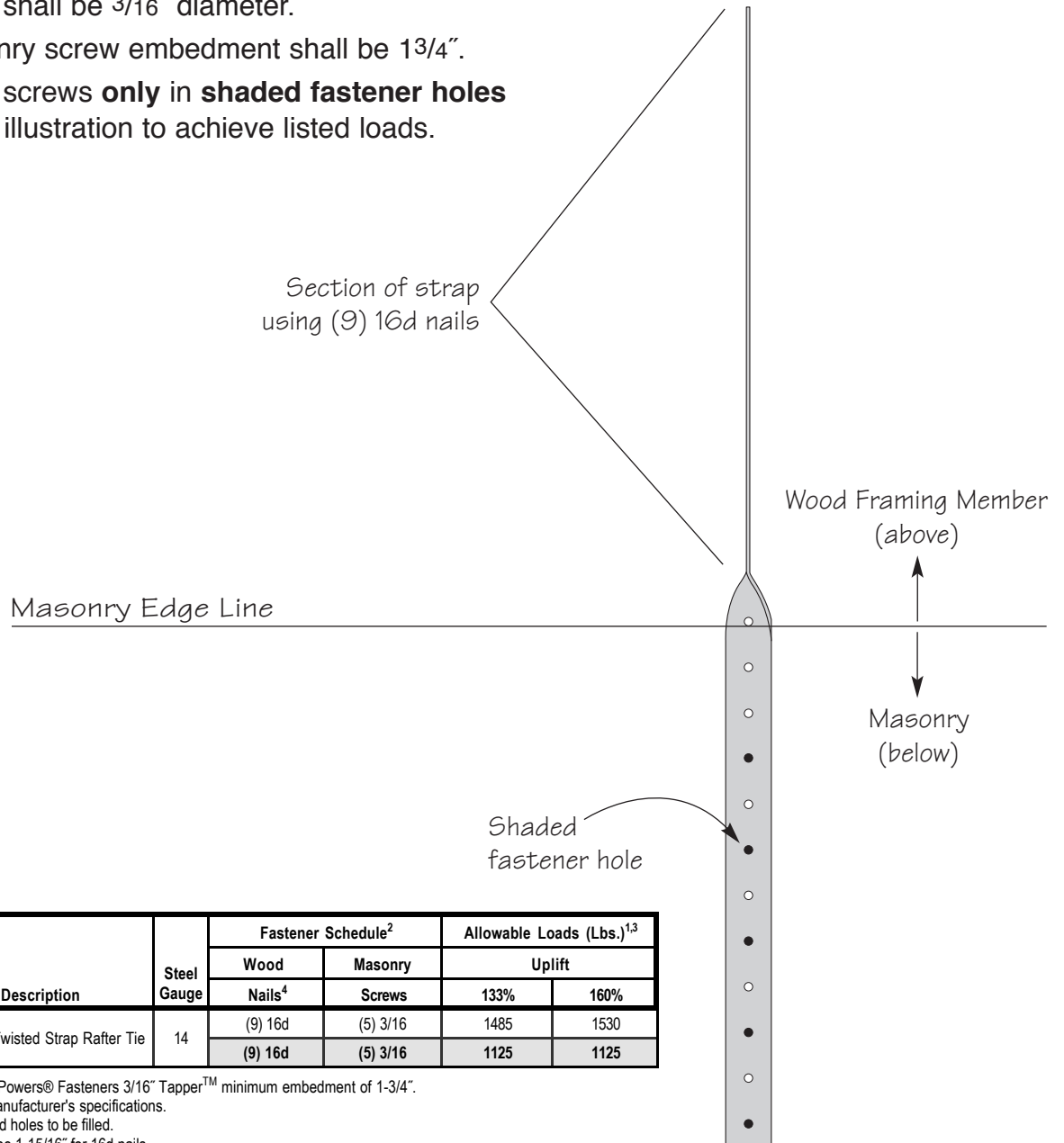


**Masonry Installation Option for RT24T Twisted Strap Rafter Tie**

USP's *RT24T Twisted 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 <sup>2</sup> |                | Allowable Loads (Lbs.) <sup>1,3</sup> |      |
|---------------|----------|-----------------------------------|-------------|--------------------------------|----------------|---------------------------------------|------|
|               |          |                                   |             | Wood Nails <sup>4</sup>        | Masonry Screws | Uplift                                |      |
|               |          |                                   |             |                                |                | 133%                                  | 160% |
| RT24T         | -- --    | 1" x 24" Twisted Strap Rafter Tie | 14          | (9) 16d                        | (5) 3/16       | 1485                                  | 1530 |
|               |          |                                   |             | (9) 16d                        | (5) 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.