

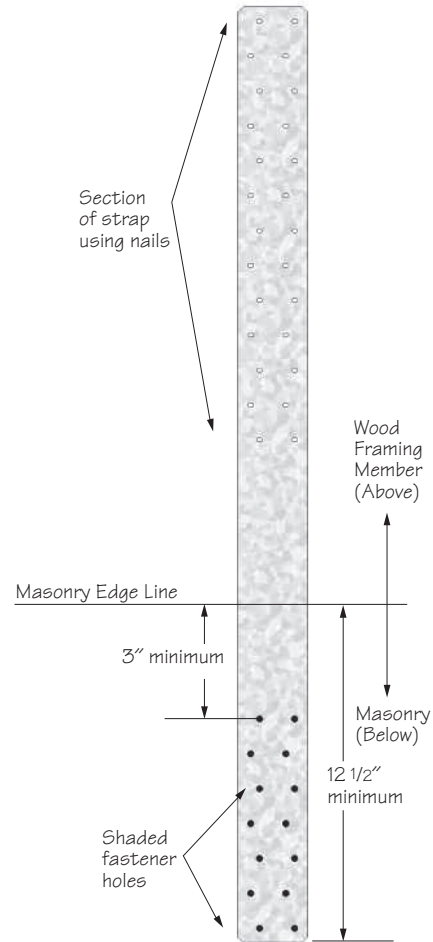
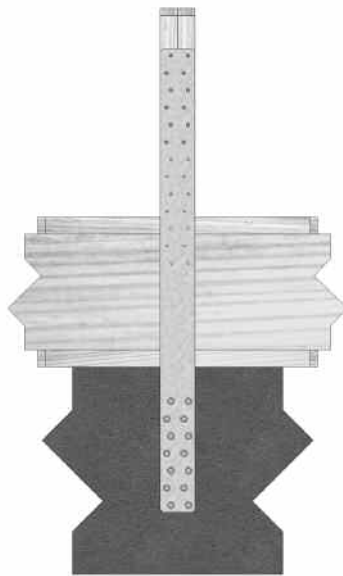
# MSTCM40 STRAP TIE

## MASONRY APPLICATION

USP's MSTCM40 Strap Tie can be used to connect framing members to wall structures. Allowable loads are based upon the proper use of fasteners installed as per the manufacturer's specifications:

### Installation:

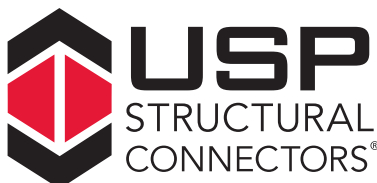
- Masonry screw shall be 1/4" diameter.
- Minimum masonry screw embedment shall be 1 1/2".
- Install masonry screws **only** in **shaded fastener holes** as indicated on illustration to achieve listed loads.



USP Stock No.	Description	Fastener Schedule <sup>2</sup>		Allowable Loads (Lbs.) <sup>1,3,5</sup>	
		Wood Nails <sup>4</sup>	Masonry Screw Anchor	Uplift	
				133%	160%
MSTCM40	3' x 40" Strap Tie	(24) 10d Common (20) 16d Common	(14) 1/4" Tapcon	3665	3665

- 1) Allowable loads assume use of ITW Buildex 1/4" x 2-1/4" Tapcon fasteners.
- 2) Fasteners to be installed per manufacturer's specifications.
- 3) Allowable loads assume specified holes to be filled.
- 4) A 10d common nail is 3 inches long and 0.148 inches in diameter.  
A 16d common nail is 3-1/2 inches long and 0.162 inches in diameter.
- 5) Allowable loads are derived from tests performed using hollow C90 concrete block.

TECH BULLETIN



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