

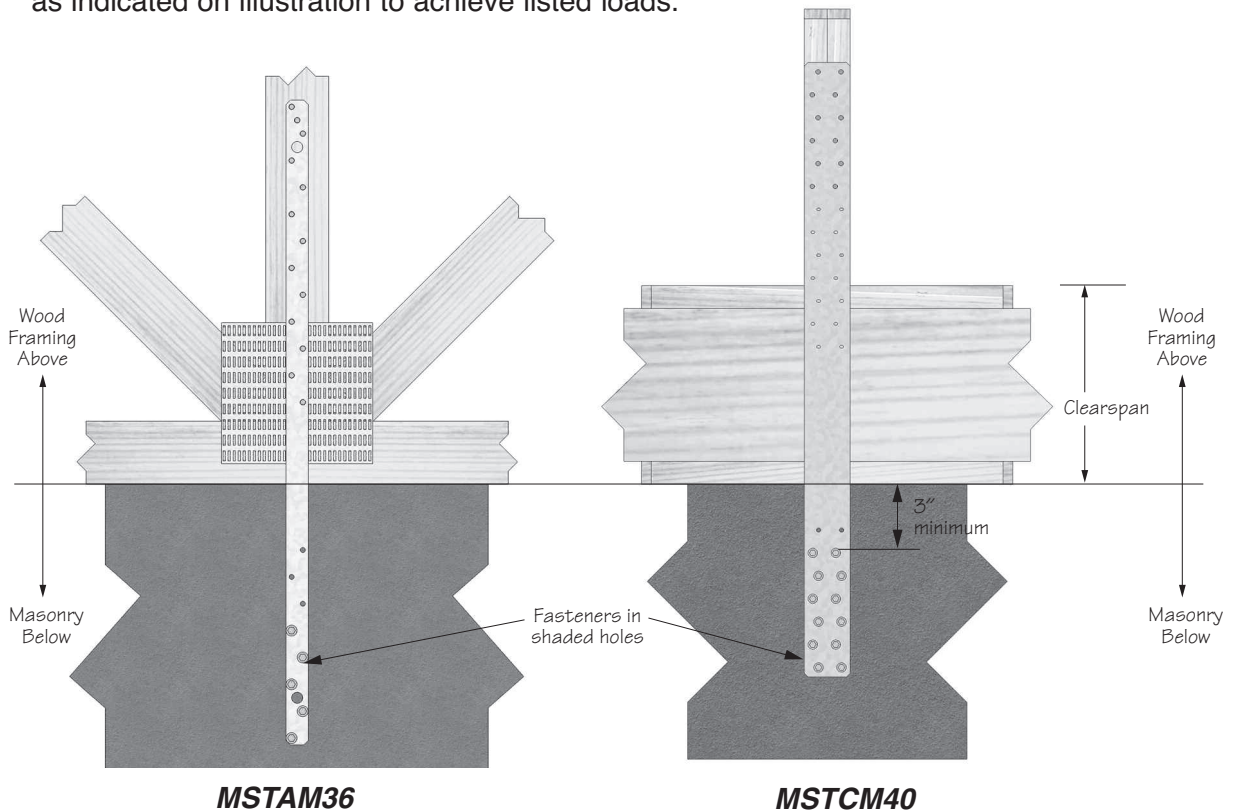
MSTAM36/MSTCM40 STRAP TIES

MASONRY APPLICATION

USP's MSTAM36 and MSTCM40 Strap Tie can be used to connect framing members to wall structures. Allowable loads are based upon the proper use of fasteners installed 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	Clear Span	Fastener Schedule ²		Allowable Loads (Lbs.) ^{1,3,5}	
			Wood Nails ⁴	Masonry Screw Anchor	Uplift	
					133%	160%
MSTAM36	1-1/4" x 36 Strap Tie	16	(8) 10d Common	(5) 1/4" Tapcon	1280	1320
		18	(7) 10d Common	(5) 1/4" Tapcon	1120	1320
MSTCM40	3" x 40" Strap Tie	16	(16) 16d Common	(12) 1/4" Tapcon	3030	3145
		18	(14) 16d Common	(12) 1/4" Tapcon	2650	3145

- 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.

USP supplies quality products to build Stronger Safer Structures



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Information valid until December 31, 2009.

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USP2070-071