

MSTAM & MSTCM MASONRY STRAP TIES

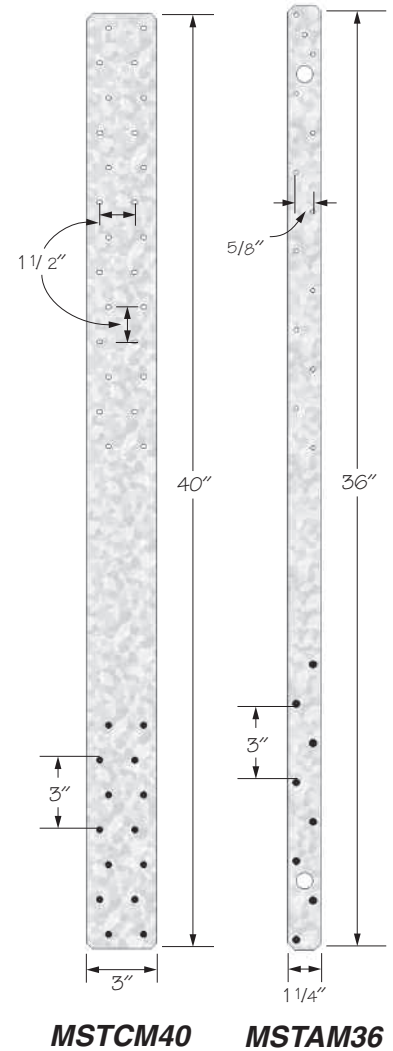
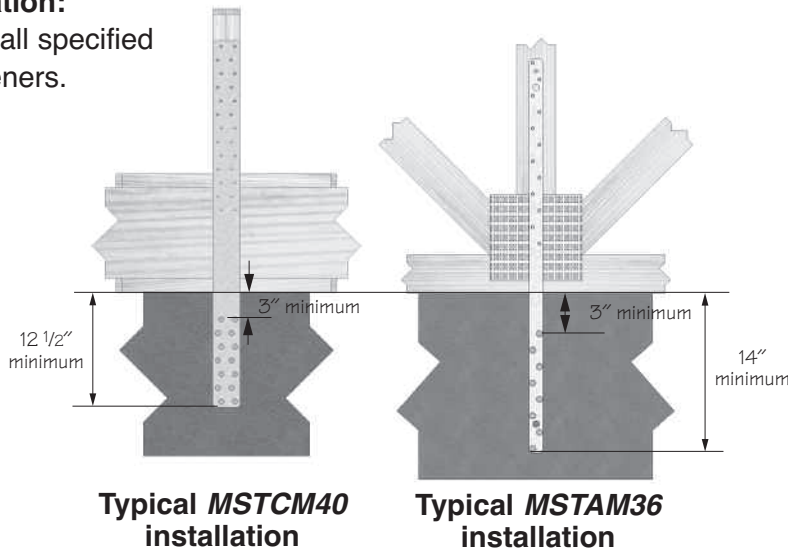
The MSTAM and MSTCM Strap Ties are designed to connect a wood structure above to a masonry wall below.

Materials: See chart

Finish: G90 galvanizing

Installation:

- Use all specified fasteners.



SALES SHEET

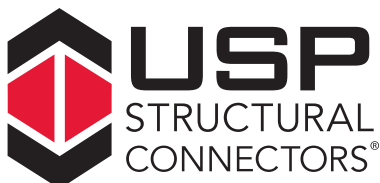
USP Stock No.	Clear Span	Fastener Schedule						Allowable Loads (Lbs.) ¹			
		CMU ³		Concrete ³		Nails ²		Uplift			
		Qty	Type	Qty	Type	Qty	Type	DF-L / SP		S-P-F	
								133%	160%	133%	160%
MSTAM36	16	5	1/4" Tapcon	5	1/4" Tapcon	8	10d	1280	1320	1100	1320
	18	5	1/4" Tapcon	5	1/4" Tapcon	7	10d	1120	1320	960	1155
MSTCM40	16	12	1/4" Tapcon	12	1/4" Tapcon	16	16d	3030	3145	2600	3125
	18	12	1/4" Tapcon	12	1/4" Tapcon	14	16d	2650	3145	2275	2735

- 1) Use ITW Buildex 1/4" x 2-1/4" Tapcon fasteners; or equal, installed in accordance with manufacturer's specification.
- 2) Minimum nail embedment shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.
- 3) Allowable loads are derived from tests performed using hollow C90 concrete block.

USP Stock No.	Ref. No.	Steel Gauge	Dimensions		Fastener Schedule						Allowable Loads (Lbs.) ^{1,2}				Ctn Qty	*2008 Retail Price Each
			W	L	CMU ⁴		Concrete ⁴		Nails ³		Uplift					
					Qty	Type	Qty	Type	Qty	Type	DF-L / SP		S-P-F			
													133%	160%		
MSTAM24	MSTAM24	18	1-1/4	24	5	1/4" Tapcon	5	1/4" Tapcon	9	10d	1405	1545	1210	1455	50	\$1.64
MSTAM36	MSTAM24	16	1-1/4	36	8	1/4" Tapcon	8	1/4" Tapcon	13	10d	1945	1945	1785	1945	50	\$2.46
MSTCM40	MSTCM40	16	3	40-1/4	14	1/4" Tapcon	14	1/4" Tapcon	24	10d	3665	3665	3295	3665	10	\$7.36
									20	16d						

- 1) Allowable loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.
 - 2) Allowable loads are derived from tests performed using hollow C90 concrete block.
 - 3) Minimum nail embedment shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.
 - 4) Use ITW Buildex 1/4" x 2-1/4" Tapcon fasteners; or equal, installed in accordance with manufacturer's specification.
- *2008 Retails subject to change without notice.

USP supplies quality products to build Stronger Safer Structures



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