

MiTek Stock No.	Clear Span	Fastener Schedule						DF/SP Allowable Loads (Lbs.) <sup>2</sup>	S-P-F Allowable Loads (Lbs.) <sup>2</sup>
		CMU <sup>1</sup>		Concrete <sup>1</sup>		Nails <sup>3</sup>			
		Qty	Type	Qty	Type	Qty	Type	Tension 160%	Tension 160%
		MSTAM36	16	5	1/4" Tapcon	5	1/4" Tapcon	8	10d
	18	5	1/4" Tapcon	5	1/4" Tapcon	7	10d	1305	1155
MSTCM40	16	12	1/4" Tapcon	12	1/4" Tapcon	16	16d	3135	3125
	18	12	1/4" Tapcon	12	1/4" Tapcon	14	16d	3135	2735
MSTCM60	16	14	1/4" Tapcon	12	1/4" Tapcon	20	16d	3660	3660
	18	14	1/4" Tapcon	12	1/4" Tapcon	20	16d	3660	3660

1) Use ITW Buildex 1/4" x 2-1/4" Tapcon fasteners; or equal, installed in accordance with manufacturer's specification.

2) Allowable loads are derived from tests performed using grout-filled ASTM C90 concrete block.

3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.