

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule				DF/SP Allowable Tension Loads (Lbs.) <sup>1,2</sup>	S-P-F Allowable Tension Loads (Lbs.) <sup>1,2</sup>
			W	L	CMU/Concrete Wall <sup>3</sup>		Nails <sup>4</sup>			
					Qty	Type	Qty	Type	160%	160%
MSTAM24	MSTAM24	18	1-1/4	24	5	1/4" Tapcon	9	10d	1495	1455
MSTAM36	MSTAM36	16	1-1/4	36	8	1/4" Tapcon	13	10d	1885	1885
MSTCM40	MSTCM40	16	3	40-1/4	14	1/4" Tapcon	24	10d	4225	3955
							20	16d		3905
MSTCM60	MSTCM60	16	3	60	14	1/4" Tapcon	24	10d	4225	3955
							20	16d		3905

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

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

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

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