

MiTek Stock No. ⁶	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule		SP Allowable Loads (Lbs.) ^{1,2,3,4,5}					
			W	H ⁸ (Out of Concrete)	Per Anchor		Single Anchor			Double Anchor ⁹		
					Min Qty. ⁷	Type ¹¹	Uplift 160% ¹⁰	F1 160%	F2 160%	Uplift 160% ¹⁰	F1 160%	F2 160%
TA12	--	14	1	6-3/4	5	10d x 1-1/2	990	245	335	1980	490	670
TA14	--	14	1	8-3/4	7	10d x 1-1/2	1205	245	335	2410	490	670
TA14R	--	14	1	8-3/4	7	10d x 1-1/2	1205	245	335	2410	490	670
TA16	--	14	1	10-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA16R	--	14	1	10-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA18	--	14	1	12-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA18R	--	14	1	12-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA20	--	14	1	14-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA20R	--	14	1	14-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA22	--	14	1	16-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA22R	--	14	1	16-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA24	--	14	1	18-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA24R	--	14	1	18-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670
TA36	--	14	1	30-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670

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

2) Allowable loads are based on anchorage to masonry/uncracked concrete.

3) DF Allowable Loads are identical to all SP Allowable Loads listed in the chart.

4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.

5) Allowable loads require a No. 4 rebar through the shear cones of the anchors.

6) "R" after TA models indicates truss anchors with riveted moisture barrier as in TA12R.

7) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.

8) Height (H) is the distance the anchor extends out of concrete or masonry.

9) Double anchor installation is permitted on 1-ply roof members when anchors are offset from each other a minimum of 3/4".

Do not install anchors directly back-to-back or nails will interfere with each other.

10) Allowable uplift capacity for TA models installed with (4) 10d x 1-1/2" nails is 780 lbs per anchor. Lateral loads do not apply.

11) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.