

MiTek Stock No.	Ref. No.	GA	Dimensions (in)		Fastener Schedule		Installation Type ⁸	SP Allowable Loads (Lbs.) ^{1,2,3,4,5}											
			W	H ⁷ (Out of Concrete)	Per Anchor			Masonry		Concrete		Lateral Loads							
					Min Qty. ⁶	Type ^{9,10}		1 Ply	2 Ply	1 Ply	2 Ply	Masonry/Concrete (1 or 2 Ply)							
								Uplift 160%	Uplift 160%	Uplift 160%	Uplift 160%	F1 160%	F2 160%	F3 160%					
HTA12	HETA12	16	1-1/4	8	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA12R	HETA12-TSS2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA12-2R	HETA12-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945					
		Double Anchor	2430	2430	2430	2430	1215	1310	1215										
HTA16-18	META12, META16	18	1-1/4	12	9	10d x 1-1/2	Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA16-18R	META16-TSS2						Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA16	HETA16	16	1-1/4	12	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA16R	HETA16-TSS2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA16-2R	HETA16-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HHTA16	HHETA16						Single Anchor	2375	2375	2375	2375	270	710	945					
							Double Anchor	2650	2650	2650	2770	1215	1310	1215					
HTA20-18	META18, META20	18	1-1/4	16	9	10d x 1-1/2	Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA20-18R	META20-TSS2						Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA20	HETA20	16	1-1/4	16	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA20R	HETA20-TSS2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA20-2R	HETA20-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HHTA20	HHETA20						Single Anchor	2375	2375	2375	2375	270	710	945					
							Double Anchor	2650	2650	2650	2770	1215	1310	1215					
HTA24-18	META22, META24	18	1-1/4	20	9	10d x 1-1/2	Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA24-18R	META24-TSS2						Single Anchor	1625	1625	1625	1625	250	570	835					
							Double Anchor	2430	2430	2430	2430	1085	1140	1085					
HTA24	HETA24	16	1-1/4	20	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA24R	HETA24-TSS2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA24-2R	HETA24-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945					
							Double Anchor	2430	2430	2430	2430	1215	1310	1215					
HTA48R	--						16	1-1/4	42-1/2	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	240	470	680
												Double Anchor	2430	2430	2430	2430	955	940	955
HTA48-2R	HETA40-TSS2-2	10d x 1-1/2	Single Anchor	1870	1870	1870					1870	240	470	680					
			Double Anchor	2430	2430	2430					2430	955	940	955					

- 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 with the exception of the HTA single anchor installation type uplift allowable load which is limited to 1730 lbs. in both masonry and concrete.
- 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) Testing conducted and design values based on unreinforced masonry. Rebar in wall specified by others.
- 6) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 7) Height (H) is the distance the anchor extends out of concrete or masonry.
- 8) 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.
- 9) **Stainless steel ring shank nails must be used with stainless steel connectors to achieve tabulated allowable loads.**
- 10) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.