

Post Size	MiTek Stock No.	Ref. No.	Steel Gauge		Dimensions (in)					Fastener Schedule ^{5,6}		DF/SP Allowable Loads (Lbs.) ^{2,4}						
			Base	Strap	W1	W2	H1	H2 ³	L	Qty	Type	Download 100%	Uncracked Concrete			Cracked Concrete		
													Uplift ¹ 160%	F1 160%	F2 160%	Uplift ¹ 160%	F1 160%	F2 160%
ASCE Seismic Design A & B																		
4 x 4	WE44	PB44	12	12	3-1/2	--	4-3/4	3-3/8	3-1/4	12	16d	15335	1405	860	970	1245	600	680
	WAS44	PBS44A	16	14	3-9/16	3-1/2	6-3/4	3-1/2	2-1/4	2	1/2		6775	1430	860	970	1245	600
4 x 4 Rough	WE44R	PB44R	12	12	4	--	5	3-5/8	3-3/8	12	16d	15335		1405	860	970	1245	600
4 x 6	WE46	PB46	12	12	5-1/2	--	4-3/4	3-3/8	3-1/4	12	16d	24130	1405	860	970	1245	600	680
	WAS46	PBS46	12	14	3-9/16	5-1/2	6-3/4	3-1/2	2-1/4	2	1/2		13815	1430	860	970	1245	600
4 x 6 Rough	WE46R	--	12	12	6	--	5	3-5/8	3-3/8	12	16d	24130		1405	860	970	1245	600
6 x 6	WE66	PB66	12	12	5-1/2	--	5	3-5/8	5-3/8	12	16d	29565	1405	860	970	1245	600	680
	WAS66	PBS66	12	12	5-1/2	5-1/2	6-3/4	5	2-1/4	14	16d		16005	3365	1955	1685	2505	1370
6 x 6 Rough	WE66R	PB66R	12	12	6	--	5	3-5/8	5-3/8	12	16d	29565		1405	860	970	1245	600
ASCE Seismic Design C-F																		
4 x 4	WE44	PB44	12	12	3-1/2	--	4-3/4	3-3/8	3-1/4	12	16d	15335	1255	755	850	1090	525	595
	WAS44	PBS44A	16	14	3-9/16	3-1/2	6-3/4	3-1/2	2-1/4	2	1/2		6775	1255	755	850	1090	525
4 x 4 Rough	WE44R	PB44R	12	12	4	--	5	3-5/8	3-3/8	12	16d	15335		1255	755	850	1090	525
4 x 6	WE46	PB46	12	12	5-1/2	--	4-3/4	3-3/8	3-1/4	12	16d	24130	1255	755	850	1090	525	595
	WAS46	PBS46	12	14	3-9/16	5-1/2	6-3/4	3-1/2	2-1/4	2	1/2		13815	1255	755	850	1090	525
4 x 6 Rough	WE46R	--	12	12	6	--	5	3-5/8	3-3/8	12	16d	24130		1255	755	850	1090	525
6 x 6	WE66	PB66	12	12	5-1/2	--	5	3-5/8	5-3/8	12	16d	29565	1255	755	850	1090	525	595
	WAS66	PBS66	12	12	5-1/2	5-1/2	6-3/4	5	2-1/4	14	16d		16005	3135	1715	1685	2195	1200
6 x 6 Rough	WE66R	PB66R	12	12	6	--	5	3-5/8	5-3/8	12	16d	29565		1255	755	850	1090	525

- 1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Allowable loads are based on the use of either nails or bolts; nail and bolt values cannot be combined.
- 3) H2 is minimum embedment length of anchor into concrete.
- 4) Minimum concrete strength f'c = 2,500 psi.
- 5) All bolts shall meet or exceed the specifications of ASTM A 307.
- 6) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.