

MiTek Stock No.	Ref. No.	Steel Gauge	Installation Type ^{2,4}	Fastener Schedule ^{5,6}				Direction of Load ²	DF/SP Allowable Loads (Lbs.) ^{1,3,4}				S-P-F Allowable Loads (Lbs.) ^{1,3,4}			
				Header or Stud		Joist or Plate			100%	115%	125%	160%	100%	115%	125%	160%
				Qty	Type	Qty	Type									
MPA1	A35	18	Figure 1	6	8d x 1-1/2	6	8d x 1-1/2	F1	600	615	615	615	515	515	515	630
				6	8d x 1-1/2	6	8d x 1-1/2	F2	600	685	735	750	515	585	630	630
				6	8d x 1-1/2	6	8d x 1-1/2	F3	280	320	350	435	180	205	225	290
			Figure 2	6	8d x 1-1/2	3	8d x 1-1/2	A1	300	340	370	370	260	295	310	310
				6	8d x 1-1/2	3	8d x 1-1/2	B1	300	340	370	385	260	295	315	325
				6	8d x 1-1/2	3	8d x 1-1/2	C1	255	255	255	255	215	215	215	215
			Figure 3	6	8d x 1-1/2	6	8d x 1-1/2	A2	440	440	440	440	350	370	370	370
				6	8d x 1-1/2	6	8d x 1-1/2	B2	240	240	240	240	200	200	200	200
				6	8d x 1-1/2	6	8d x 1-1/2	C2	330	330	330	330	280	280	280	280
MP34	A34	18	Figure 4	4	8d x 1-1/2	4	8d x 1-1/2	F1	400	455	490	525	345	390	420	440
				4	8d x 1-1/2	4	8d x 1-1/2	F2	400	455	490	590	345	390	420	495
				4	8d x 1-1/2	4	8d x 1-1/2	F3	185	215	230	295	120	140	150	190
MP4F	LTP4	20	Type 1	6	8d x 1-1/2	6	8d x 1-1/2	V	590	670	720	750	505	575	615	645
				6	8d x 1-1/2	6	8d x 1-1/2	H	590	670	720	750	505	575	615	645
			Type 2	6	8d x 1-1/2	6	8d x 1-1/2	V	590	670	720	750	505	575	615	645
				6	8d x 1-1/2	6	8d x 1-1/2	H	585	585	585	585	500	500	500	500
			Type 1	6	8d	6	8d	V	590	670	720	750	505	575	615	645
				6	8d	6	8d	H	590	670	720	750	505	575	615	645
			Type 2	6	8d	6	8d	V	590	670	720	750	505	575	615	645
				6	8d	6	8d	H	585	585	585	585	500	500	500	500
MP6F	LTP5	20	Type 1	6	8d x 1-1/2	6	8d x 1-1/2	V	590	595	595	595	505	510	510	510
				6	8d x 1-1/2	6	8d x 1-1/2	H	590	595	595	595	505	510	510	510
			Type 2	6	8d x 1-1/2	6	8d x 1-1/2	V	590	595	595	595	505	510	510	510
				6	8d x 1-1/2	6	8d x 1-1/2	H	590	595	595	595	505	510	510	510
			Type 1	6	8d	6	8d	V	590	595	595	595	505	510	510	510
				6	8d	6	8d	H	590	595	595	595	505	510	510	510
			Type 2	6	8d	6	8d	V	590	595	595	595	505	510	510	510
				6	8d	6	8d	H	590	595	595	595	505	510	510	510

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Refer to drawings for installation type and definition of the various load directions.
- 3) If installing MP4F or MP6F over plywood, use 8d common nails for 100% of table load.
- 4) Loads are shown per angle. When using a single anchor, joist must be constrained from rotation.
- 5) Stainless steel ring shank nails must be used with stainless steel connectors to achieve tabulated allowable loads.
- 6) **NAILS:** 8d x 1-1/2 nails are 0.131" dia. x 1-1/2" long, 8d nails are 0.131" dia. x 2-1/2" long