

MiTek Stock No.	Ref. No.	Steel Gauge	Fastener Schedule <sup>3,4,6</sup>						DF/SP Allowable Loads (Lbs.) <sup>1</sup>					S-P-F Allowable Loads (Lbs.) <sup>1</sup>				
			Truss/Rafter		Plate		Stud		Uplift 160%	Lateral				Uplift 160%	Lateral			
			Qty	Type	Qty	Type	Qty	Type		F1 160%	F2 160%	F3 160%	F4 160%		F1 160%	F2 160%	F3 160%	F4 160%
RT3A	H3	18	4	8d x 1-1/2	4	8d	--	--	350	190	65	130	90	310	155	65	130	90
			4	8d x 1-1/2	4	8d x 1-1/2	--	--	345	190	65	130	90	305	155	65	130	90
RT4	--	18	4	8d x 1-1/2	4	8d	--	--	305	205	140	230	230	270	165	140	190	160
RT5	--	18	4	8d x 1-1/2	4	8d	--	--	380	160	80	280	180	335	160	80	225	180
RT6	HS24	18	8	8d x 1-1/2	6	8d	--	--	605	835	800	--	--	535	670	575	--	--
RT7	--	18	5	8d x 1-1/2	5	8d	--	--	540	270	120	185	140	470	260	120	185	140
			5	8d x 1-1/2	5	8d x 1-1/2	--	--	515					455				
RT7A	H2.5A	18	5	8d x 1-1/2	5	8d	--	--	640	340	215	220	160	565	270	215	220	160
			5	8d x 1-1/2	5	8d x 1-1/2	--	--	630					510				
RT7AT	H2.5T	18	5	8d x 1-1/2	5	8d x 1-1/2	--	--	480	250	150	240	165	425	200	145	240	165
RT8A	H8	18	5	10d x 1-1/2	5	10d x 1-1/2	--	--	750	265	100	225	150	660	265	100	225	150
RT10	H2A	18	6	8d x 1-1/2	8	8d	6	8d	540	270	120	185	140	475	260	120	185	140
			6	8d x 1-1/2	6	8d x 1-1/2	6	8d x 1-1/2	515	270	120	185	140	460	270	120	185	140
RT15	H1A	18	5	8d x 1-1/2	5	8d	--	--	500	490	220	415	--	440	395	220	415	--
			5	8d x 1-1/2	5	8d x 1-1/2	--	--	580	490	220	415	--	440	395	220	415	--
RT16A	H10A, H14	18	9	10d x 1-1/2	8	10d	--	--	1025	805	490	455	--	900	660	345	455	--
			9	8d x 1-1/2	8	8d x 1-1/2	--	--	935	805	490	455	--	820	660	345	455	--
RT16AR	H10AR	18	9	10d x 1-1/2	8	10d	--	--	1025	805	490	455	--	900	660	345	455	--
RT16-2	H10A-2	18	8	8d	8	8d	--	--	1060	780	410	405	--	935	625	330	320	--
HHCP2	HCP2	18	10	10d x 1-1/2	10	10d x 1-1/2	--	--	680	405	--	--	--	595	355	--	--	--
HHCP4-TZ	HCP4Z	16	8	10d	8	10d	--	--	1015	380	--	--	--	885	330	--	--	--
HC520	GBC	18	--	--	11	8d	6	8d	515	470	430	--	--	445	405	370	--	--
			--	--	11	8d x 1-1/2	6	8d x 1-1/2	515	470	430	--	--	445	405	370	--	--
HCPRS	--	18	6	8d	5	8d	--	--	490	525	345	570	--	315	350	275	385	--
LFTA6 <sup>2</sup>	H6	16	8	8d	8	8d	--	--	980	745	120	--	--	825	625	100	--	--
			8	8d x 1-1/2	8	8d x 1-1/2	--	--	980	745	120	--	--	825	625	100	--	--
RT20	H7	16	9	10d x 1-1/2	4	10d	9	10d x 1-1/2	1115	--	--	--	--	980	--	--	--	--
TSP	TSP	16	3	10d x 1-1/2	3	10d x 1-1/2	--	--	465	--	--	--	--	390	--	--	--	--
			9	10d x 1-1/2	6	10d x 1-1/2	--	--	830	365	190	210	235	700	305	160	175	200
			9	10d x 1-1/2	6	10d	--	--	870	365	190	210	235	730	305	160	175	200

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) LFTA6: To achieve F1 lateral loads, three nails must be installed on each side on the strap located closest to the bend line. Lateral F1 and F2 load directions do not apply to roof truss-to-top plate installations.
- 3) 8d common nails may be substituted for 8d x 1-1/2 nails, and 10d common nails may be substituted for 10d x 1-1/2 nails.
- 4) Stainless steel ring shank nails must be used with stainless steel connectors to achieve tabulated allowable loads.
- 5) Non-identical hurricane ties are not to be combined to resist the uplift force or lateral loads at a single connection location.
- 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, 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long.