

MiTek Stock No. <sup>4</sup>	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule <sup>2,3,6</sup>		DF/SP Allowable Loads (Lbs.) <sup>1</sup>		S-P-F Allowable Loads (Lbs.) <sup>1</sup>	
			W	L	L1	L2	Qty	Type	Uplift 160% <sup>1</sup>		Uplift 160% <sup>1</sup>	
									Stud-to- Rim Joist Installation	Truss-to- Top Plate Installation	Stud-to- Rim Joist Installation	Truss-to- Top Plate Installation
			LTW12	LTS12	18	1-1/4	12	4-1/2	4-1/2	12	10d x 1-1/2	770
							12	10d				
LTW16	LTS16	18	1-1/4	16	6-1/2	6-1/2	12	10d x 1-1/2	770	625	650	525
							12	10d				
LTW18	LTS18	18	1-1/4	18	7-1/2	7-1/2	12	10d x 1-1/2	770	625	650	525
							12	10d				
LTW20	LTS20	18	1-1/4	20	8-1/2	8-1/2	12	10d x 1-1/2	770	625	650	525
							12	10d				
KTS9	--	16	1-1/4	9	--	--	8	16d	785	785	660	660
KTS12	--	16	1-1/4	11-1/2	--	--	10	16d	1065	1065	895	895
MTW12	MTS12	16	1-1/4	12	4-1/2	4-1/2	14	10d x 1-1/2	1185	965	995	810
							14	10d				
MTW16	MTS16	16	1-1/4	16	6-1/2	6-1/2	14	10d x 1-1/2	1185	965	995	810
							14	10d				
KTS17	--	16	1-1/4	17-1/2	--	--	14	16d	1100	1100	925	925
MTW18	MTS18	16	1-1/4	18	7-1/2	7-1/2	14	10d x 1-1/2	1185	965	995	810
							14	10d				
LFTA6 <sup>5</sup>	H6	16	2-1/4	19-1/8	8-3/8	6-1/2	16	8d	980	980	825	825
							16	8d x1-1/2				
MTW20	MTS20	16	1-1/4	20	8-1/2	8-1/2	14	10d x 1-1/2	1185	965	995	810
							14	10d				
KTS24	--	16	1-1/4	21-3/4	--	--	18	16d	1650	1650	1385	1385
MTW24C	MTS24C	16	1-1/4	24	10-7/16	10-7/16	14	10d x 1-1/2	1185	965	995	810
							14	10d				
MTW28C	--	16	1-1/4	28	12-7/16	12-7/16	14	10d x 1-1/2	1185	965	995	810
							14	10d				
MTW30	MTS30	16	1-1/4	30	8-5/16	18-9/16	14	10d x 1-1/2	1185	965	995	810
							14	10d				
MTW30C	MTS30C	16	1-1/4	30	13-7/16	13-7/16	14	10d x 1-1/2	1185	965	995	810
							14	10d				
HTW16	HTS16	14	1-1/4	16	5-1/8	5-1/8	16	10d x 1-1/2	1115	1355	940	1140
							16	10d	1300		1090	
HTW20	HTS20	14	1-1/4	20	7-1/8	7-1/8	24	10d x 1-1/2	1555	1355	1305	1140
							20	10d	1355		1140	
HTW24	HTS24	14	1-1/4	24	9-1/8	9-1/8	24	10d x 1-1/2	1555	1355	1305	1140
							20	10d	1355		1140	
HTW28	--	14	1-1/4	28	11-1/8	11-1/8	24	10d x 1-1/2	1555	1355	1305	1140
							20	10d	1355		1140	
HTW30	HTS30	14	1-1/4	30	7	17-1/4	24	10d x 1-1/2	1555	1355	1305	1140
							20	10d	1355		1140	
HTW30C	HTS30C	14	1-1/4	30	12-1/8	12-1/8	24	10d x 1-1/2	1555	1355	1305	1140
							20	10d	1355		1140	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
2) 10d (0.148") x 1-1/2" nails can replace 10d nails and 16d (0.162") x 2-1/2" nails can replace 16d nails with no load reduction.  
3) Fasteners shall be distributed equally on each end of the connection.  
4) "C" after the model number designates center twist as in MTW30C.  
5) LFTA6: F1 is 745 lbs and F2 is 120 lbs. 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.  
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, 16d nails are 0.162" dia. x 3-1/2" long.