MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule[6,7]					DF/SP Allowable Tension Loads (Lbs.)[1,2]		S-P-F/HF Allowable Tension Loads (Lbs.)[1,2]	
					Nails			Bolts		Nails	Bolts[5]	Nails	Bolts[5]
			W	L	Total Qty[3]	Min Qty[4]	Type	Min Qty[4]	Dia.	160%	160%	160%	160%
KST116	ST2115	20	3/4	16-5/16	10	8	16d	--	--	665	--	665	--
LSTA9	LSTA9	20	1-1/4	9	8	8	10d	--	--	740	--	635	--
LSTA12	LSTA12	20	1-1/4	12	10	10	10d	--	--	930	--	790	--
LSTA15	LSTA15	20	1-1/4	15	12	12	10d	--	--	1115	--	950	--
LSTA18	LSTA18	20	1-1/4	18	14	14	10d	--	--	1235	--	1110	--
LSTA21	LSTA21	20	1-1/4	21	16	16	10d	--	--	1235	--	1235	--
LSTA24	LSTA24	20	1-1/4	24	18	16	10d	--	--	1235	--	1235	--
KST29	ST292	20	2-1/16	9-7/16	14	14	16d	--	--	1545	--	1320	--
KST213	ST2122	20	2-1/16	12-11/16	18	18	16d	--	--	1785	--	1700	--
KST216	ST2215	20	2-1/16	15-15/16	22	18	16d	--	--	1785	--	1700	--
LSTA30	LSTA30	18	1-1/4	30	22	22	10d	--	--	1640	--	1640	--
LSTA36	LSTA36	18	1-1/4	36	26	22	10d	--	--	1640	--	1640	--
MSTA9	MSTA9	18	1-1/4	9	8	8	10d	--	--	750	--	645	--
MSTA12	MSTA12	18	1-1/4	12	10	10	10d	--	--	935	--	810	--
MSTA15	MSTA15	18	1-1/4	15	12	12	10d	--	--	1125	--	970	--
MSTA18	MSTA18	18	1-1/4	18	14	14	10d	--	--	1310	--	1130	--
MSTA21	MSTA21	18	1-1/4	21	16	16	10d	--	--	1500	--	1295	--
MSTA24	MSTA24	18	1-1/4	24	18	18	10d	--	--	1640	--	1455	--
LSTI49	LSTI49	18	3-3/4	49	32	32	10d x 1-1/2	--	--	2970	--	2560	--
LSTI73	LSTI73	18	3-3/4	73	48	48	10d x 1-1/2	--	--	4130	--	3840	--
ST9	ST9	16	1-1/4	9	8	8	16d	--	--	895	--	775	--
ST12	ST12	16	1-1/4	11-5/8	10	10	16d	--	--	1120	--	970	--
ST18	ST18	16	1-1/4	17-3/4	14	14	16d	--	--	1570	--	1355	--
ST22	ST22	16	1-1/4	21-5/8	18	18	16d	--	--	1705	--	1705	--
MSTA30	MSTA30	16	1-1/4	30	22	22	10d	--	--	2065	--	1815	--
MSTA36	MSTA36	16	1-1/4	36	26	26	10d	--	--	2065	--	2065	--
MSTA48	MSTA49	16	1-1/4	48	32	26	10d	--	--	2045	--	2045	--
KST218	ST6215	16	2-1/16	19-3/16	26	26	16d	--	--	2955	--	2540	--
KST224	ST6224	16	2-1/16	22-7/16	30	30	16d	--	--	2960	--	2930	--
HTP37-TZ	HTP37Z	16	3	7	20	20	10d x 1-1/2	--	--	1855	--	1600	--
MSTC28	MSTC28	16	3	28-1/4	36	36	10d	--	--	3455	--	2965	--
					36	34	16d	--	--	3860	--	3320	--
MSTC40	MSTC40	16	3	40-1/4	52	52	10d	--	--	4715	--	4285	--
					52	46	16d	--	--	4715	--	4490	--
MSTC52	MSTC52	16	3	52-1/4	70	60	10d	--	--	4715	--	4715	--
					70	52	16d	--	--	4715	--	4715	--
KST234	ST6236	14	2-1/16	32-3/16	42	36	16d	--	--	3775	--	3660	--
MSTC66	MSTC66	14	3	65-3/4	88	72	10d	--	--	6015	--	6015	--
					88	62	16d	--	--	6015	--	6015	--
MSTC78	MSTC78	14	3	77-3/4	104	76	10d	--	--	6015	--	6015	--
					104	66	16d	--	--	6015	--	6015	--
HRS6	HRS6	12	1-3/8	6	6	6	10d	--	--	640	--	550	--
HRS8	HRS8	12	1-3/8	8	10	10	10d	--	--	1065	--	920	--
HRS12	HRS12	12	1-3/8	12	14	14	10d	--	--	1490	--	1290	--
KST227	MST27	12	2-1/16	27	34	34	16d	4	1/2	4215	2190	3645	2020
KST237	MST37	12	2-1/16	37-1/2	48	48	16d	6	1/2	5140	3105	5140	2875
KST248	MST48	12	2-1/16	48	62	54	16d	8	1/2	5140	3825	5140	3555
KSTI226	MSTI26	12	2-1/16	26	26	26	10d x 1-1/2	--	--	2765	--	2390	--
KSTI236	MSTI36	12	2-1/16	36	36	36	10d x 1-1/2	--	--	3830	--	3310	--
KSTI248	MSTI48	12	2-1/16	48	48	48	10d x 1-1/2	--	--	5105	--	4415	--
KSTI260	MSTI60	12	2-1/16	60	60	60	10d x 1-1/2	--	--	5140	--	5140	--
KSTI272	MSTI72	12	2-1/16	72	72	60	10d x 1-1/2	--	--	5140	--	5140	--
HRS416-TZ	HRS416Z	12	3-1/4	16	16	16	WS15-EXT	--	--	2945	--	2410	--
KST260	MST60	10	2-1/16	60	72	64	16d	10	1/2	6720	4695	6720	4425
KST272	MST72	10	2-1/16	72	72	64	16d	10	1/2	6720	4695	6720	4425

1) Allowable 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) Total number of nail and/or bolt holes provided in the strap.
4) Minimum quantity of fasteners to be installed with equal quantity of fasteners at each end of the connection. Product may have additional nail holes not needed to meet published allowable load of product.
5) Allowable bolt loads are based on parallel-to-grain loading, minimum of 2-1/2" thick.
6) MiTek's WS15-EXT structural wood screws are 1/4" dia. x 1-1/2" long.
7) **NAILS:** 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.