

Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule <sup>2,3</sup>				DF/SP				SPF				
				W	H	D	A	Min/Max	Header		Joist		Allowable Loads (Lbs.)				Allowable Loads (Lbs.)			
									Qty	Type	Qty	Type	Floor	Roof		Uplift <sup>1</sup>	Floor	Roof		Uplift <sup>1</sup>
													100%	115%	125%	160%	100%	115%	125%	160%
4 x 18	HD414	HU414	14	3-9/16	12-13/16	2-1/2	1-1/8	Min	18	16d	8	10d	2770	3125	3355	1510	2440	2750	2950	1205
								Max	26		12		4005	4515	4815	2340	3520	3860	3860	2060
	HD414IF	HUC414	14	3-9/16	12-13/16	2-1/2	--	Min	18	16d	8	10d	2770	3125	3355	1510	2440	2750	2950	1205
								Max	26		12		4005	4515	4815	2340	3520	3860	3860	2060
	HD416	HU416	14	3-9/16	14-13/16	2-1/2	1-1/8	Min	22	16d	10	10d	3390	3820	4100	1950	2980	3360	3605	1715
								Max	30		14		4620	4990	4990	2245	4015	4015	4015	1805
	HD416IF	HUC416	14	3-9/16	14-13/16	2-1/2	--	Min	22	16d	10	10d	3390	3820	4100	1950	2980	3360	3605	1715
								Max	30		14		4620	4990	4990	2245	4015	4015	4015	1805
	HD418	--	14	3-9/16	16-1/2	2-1/2	1-1/4	--	28	16d	8	10d	4310	4815	4815	1560	3795	3835	3835	1375
	6 x 6	SUH66	U66	16	5-1/2	5	2	1	--	8	10d	4	10d	1000	1120	1210	755	880	990	1065
									8	16d	1175			1335	1440	1035		1175	1265	
HD66		HU66	14	5-1/2	4-1/16	2-1/2	1-1/8	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	12		6		1850	2085	2235	1305	1625	1835	1965	1035
HD66IF		HUC66	14	5-1/2	4-1/16	2-1/2	--	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	12		6		1850	2085	2235	1305	1625	1835	1965	1035
6 x 8	SUH66	U66	16	5-1/2	5	2	1	--	8	10d	4	10d	1000	1120	1210	755	880	990	1065	665
									8	16d			1175	1335	1440		1035	1175	1265	
	HD66	HU66	14	5-1/2	4-1/16	2-1/2	1-1/8	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	12		6		1850	2085	2235	1305	1625	1835	1965	1035
	HD66IF	HUC66	14	5-1/2	4-1/16	2-1/2	--	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	12		6		1850	2085	2235	1305	1625	1835	1965	1035
	HD68	HU68	14	5-1/2	5-15/16	2-1/2	1-1/8	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1035
	HD68IF	HUC68	14	5-1/2	5-15/16	2-1/2	--	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1035
6 x 10	SUH610	U610	16	5-1/2	9	2	1	--	14	10d	6	10d	1750	1965	2120	1135	1540	1730	1865	970
									14	16d			2060	2335	2520		1810	2055	2215	
	HD68	HU68	14	5-1/2	5-15/16	2-1/2	1-1/8	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1035
	HD68IF	HUC68	14	5-1/2	5-15/16	2-1/2	--	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1035
	HD610	HU610	14	5-1/2	7-13/16	2-1/2	1-1/8	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035
								Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025
HD610IF	HUC610	14	5-1/2	7-13/16	2-1/2	--	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035	
							Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025	
HDQ610IF	HUCQ610	14	5-1/2	9	3	1-1/8	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4885	4885	2855	
6 x 12	SUH610	U610	16	5-1/2	9	2	1	--	14	10d	6	10d	1750	1965	2120	1135	1540	1730	1865	970
									14	16d			2060	2335	2520		1810	2055	2215	
	HD610	HU610	14	5-1/2	7-13/16	2-1/2	1-1/8	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035
								Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025
	HD610IF	HUC610	14	5-1/2	7-13/16	2-1/2	--	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035
								Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025
	HDQ610IF	HUCQ610	14	5-1/2	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4885	4885	2855
	HD612	HU612	14	5-1/2	9-13/16	2-1/2	1-1/8	Min	16	16d	8	16d	2465	2780	2980	1305	2165	2445	2620	1035
Max								24	12		3695		4170	4470	2765	3250	3665	3930	2430	
HD612IF	HUC612	14	5-1/2	9-13/16	2-1/2	--	Min	16	16d	8	16d	2465	2780	2980	1305	2165	2445	2620	1035	
							Max	24		12		3695	4170	4470	2765	3250	3665	3930	2430	
HDQ612IF	HUCQ612	14	5-1/2	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4960	4960	4960	2770	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) MiTek's WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQIF hangers.

3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.