

Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP				SPF				
				W	H	D	A	Min/Max	Header		Joist		Allowable Loads (Lbs.)				Allowable Loads (Lbs.)			
									Qty	Type	Qty	Type	Floor	Roof	Uplift ¹	Floor	Roof		Uplift ¹	
																	100%	115%		125%
6 x 14	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
Min								18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620	
HD614	HU614	14	5-1/2	11-13/16	2-1/2	1-1/8	Max	26		16d		12	16d	4005	4515	4845	2765	3520	3970	4020
							Min	18	16d		8	16d		2770	3125	3355	1845	2440	2750	2950
HD614IF	HUC614	14	5-1/2	11-13/16	2-1/2	--	Max	26		16d	12		16d	4005	4515	4845	2765	3520	3970	4020
							Min	18	16d		8	16d		2770	3125	3355	1845	2440	2750	2950
6 x 16	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
								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
								Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
	HD614	HU614	14	5-1/2	11-13/16	2-1/2	1-1/8	Max	26		16d		12	16d	4005	4515	4845	2765	3520	3970
								Min	18	16d		8	16d		2770	3125	3355	1845	2440	2750
	HD614IF	HUC614	14	5-1/2	11-13/16	2-1/2	--	Max	26		16d	12		16d	4005	4515	4845	2765	3520	3970
								Min	18	16d		8	16d		2770	3125	3355	1845	2440	2750
	HD616	HU616	14	5-1/2	13-13/16	2-1/2	1-1/8	Min	22		16d	10		16d	3390	3820	4100	2305	2980	3360
								Max	30	14		4620	4990		4990	3225	3990	3990	3990	2835
HD616IF	HUC616	14	5-1/2	13-13/16	2-1/2	--	Min	22	16d	10	16d	3390	3820	4100	2305	2980	3360	3605	2025	
							Max	30		14		4620	4990	4990	3225	3990	3990	3990	2835	
6 x 18	HD614	HU614	14	5-1/2	11-13/16	2-1/2	1-1/8	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
								Max	26		12		4005	4515	4845	2765	3520	3970	4020	2430
	HD614IF	HUC614	14	5-1/2	11-13/16	2-1/2	--	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
								Max	26		12		4005	4515	4845	2765	3520	3970	4020	2430
	HD616	HU616	14	5-1/2	13-13/16	2-1/2	1-1/8	Min	22	16d	10	16d	3390	3820	4100	2305	2980	3360	3605	2025
								Max	30		14		4620	4990	4990	3225	3990	3990	3990	2835
	HD616IF	HUC616	14	5-1/2	13-13/16	2-1/2	--	Min	22	16d	10	16d	3390	3820	4100	2305	2980	3360	3605	2025
								Max	30		14		4620	4990	4990	3225	3990	3990	3990	2835
8 x 6	HD86	--	14	7-1/2	4-15/16	2-1/2	1-1/2	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	10		4		1540	1735	1865	920	1355	1525	1640	760
8 x 8	HD88	HU88	14	7-1/2	6-13/16	2-1/2	1-1/2	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1030
8 x 8IF	HUC88	14	7-1/2	6-13/16	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	1030	
8 x 10	HD810	HU810	14	7-1/2	8-9/16	2-1/2	1-1/2	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1030
								Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620
8 x 10IF	HUC810	14	7-1/2	8-9/16	2-1/2	--	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1030	
							Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620	
8 x 12	HD812	HU812	14	7-1/2	10-1/2	2-1/2	1-1/2	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1030
								Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620
8 x 12IF	HUC812	14	7-1/2	10-1/2	2-1/2	--	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1030	
							Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620	
8 x 14	HD814	HU814	14	7-1/2	11-13/16	2-1/2	1-1/2	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
								Max	24		12		3695	4170	4435	2765	3250	3665	3885	2430
8 x 14IF	HUC814	14	7-1/2	11-13/16	2-1/2	--	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620	
							Max	24		12		3695	4170	4435	2765	3250	3665	3885	2430	
8 x 16	HD816	HU816	14	7-1/2	12-13/16	2-1/2	1-1/2	Min	20	16d	8	16d	3080	3475	3725	1845	2710	3055	3155	1620
								Max	26		12		4005	4435	4435	2765	3520	3885	3885	2430
8 x 16IF	HUC816	14	7-1/2	13-5/8	2-1/2	--	--	26	16d	12	16d	4005	4435	4435	2765	3520	3885	3885	2430	

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 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.