

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.) ²			
									Qty	Type	Qty	Type	Floor	Roof		Uplift ¹	Floor	Roof		Uplift ¹
														100%	115%			125%	160%	
6 x 14	HDQ610IF	HUCQ610	14	5-1/2	9	3	1-1/2	--	12	WS3	6	WS3	5015	5145	5145	2975	4480	4565	4565	2645
	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	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
	HDQ612IF	HUCQ612	14	5-1/2	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	5605	5605	5605	3280
	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	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
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	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	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
	HDQ612IF	HUCQ612	14	5-1/2	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	5605	5605	5605	3280
	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	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
	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	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	
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	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
	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	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
8 x 6	HD86	--	14	7-1/2	4-15/16	2-1/2	1-1/8	Min	8	16d	4	16d	1230	1390	1490	870	1085	1220	1310	685
								Max	10		4		1540	1735	1865	920	1355	1525	1640	760
	HD86IF	--	14	7-1/2	5-1/8	2-1/2	1-1/16	--	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
8 x 8	HD88	HU88	14	7-1/2	6-13/16	2-1/2	1-1/8	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
								Max	14		6		2155	2430	2610	1305	1895	2140	2295	1030
	HD88IF	HUC88	14	7-1/2	6-13/16	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	1030

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.