

Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ²				DF/SP Allowable Loads (Lbs.)				SPF Allowable Loads (Lbs.)				
				W	H	D	A	Min/ Max	Header		Joist									
									Qty	Type	Qty	Type	Floor	Roof		Uplift ¹	Floor	Roof		Uplift ¹
													100%	115%	125%	160%	100%	115%	125%	160%
8 x 10	HD810	HU810	14	7-1/2	8-3/8	2-1/2	1-1/16	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1030
								Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620
	HD810IF	HUC810	14	7-1/2	8-3/8	2-1/2	1-1/16	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	10-1/8	2-1/2	1-1/16	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1030
								Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620
	HD812IF	HUC812	14	7-1/2	10-1/8	2-1/2	1-1/16	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	1-1/8	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
								Max	24		12		3695	4170	4435	2765	3250	3665	3885	2430
	HD814IF	HUC814	14	7-1/2	11-13/16	2-1/2	1-1/8	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
								Max	24		12		3695	4170	4435	2765	3250	3665	3885	2430
8 x 16	HD816	HU816	14	7-1/2	12-3/4	2-1/2	1-1/16	Min	20	16d	8	16d	3080	3475	3725	1845	2710	3055	3155	1620
								Max	26		12		4005	4435	4435	2765	3520	3885	3885	2430
	HD816IF	HUC816	14	7-1/2	12-3/4	2-1/2	1-1/16	--	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) **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.