

Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ^{3,4}				DF/SP				SPF				
				W	H	D	A	Min/Max	Header		Joist		Allowable Loads (Lbs.) ²				Allowable Loads (Lbs.) ²			
									Qty	Type	Qty	Type	Floor	Roof		Uplift ¹	Floor	Roof		Uplift ¹
														100%	115%			125%	160%	
4 x 12	JUS410	LUS410	18	3-5/8	8-7/8	2	1	--	8	16d	6	16d	1845	2105	2290	2345	1625	1850	1920	1870
	SUH410	U410	16	3-9/16	8-3/8	2	1-1/8	--	16	10d	6	10d	2000	2245	2420	1135	1760	1975	2130	975
										16d			2350	2670	2880		2070	2345	2535	
	HUS410	HUS410	14	3-5/8	8-7/8	2	1	--	8	16d	8	16d	2170	2465	2660	2420	1905	2170	2340	1935
	HUS410IF	HUSC410	14	3-5/8	8-7/8	2	1	--	8	16d	8	16d	2170	2465	2660	2420	1905	2170	2340	1935
	HD410	HU410	14	3-9/16	8-13/16	2-1/2	1-1/8	Min	14	16d	6	10d	2155	2430	2610	1170	1895	2140	2295	1030
								Max	20				3080	3475	3725	1950	2710	3055	3190	1715
	HD410IF	HUC410	14	3-9/16	8-13/16	2-1/2	--	Min	14	16d	6	10d	2155	2430	2610	1170	1895	2140	2295	1030
								Max	20				3080	3475	3725	1950	2710	3055	3190	1715
	HDQ410IF	HUCQ410	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4900	4900	2865
	HUS412	HUS412	14	3-5/8	10-7/8	2	1	--	10	16d	10	16d	2710	3080	3325	3615	2385	2710	2875	2910
	HUS412IF	HUSC412	14	3-5/8	10-7/8	2	1	--	10	16d	10	16d	2710	3080	3325	3615	2385	2710	2875	2910
HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040	
							Max	24				3695	4170	4470	2340	3250	3665	3860	2060	
HD412IF	HUC412	14	3-9/16	10-13/16	2-1/2	--	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040	
							Max	24				3695	4170	4470	2340	3250	3665	3860	2060	
HDQ412IF	HUCQ412	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4980	4980	4980	2775	
4 x 14	JUS414	LUS414	18	3-5/8	12-7/8	2	1	--	12	16d	6	16d	2405	2405	2405	2345	1920	1920	1920	1870
	SUH414	U414	16	3-9/16	10-1/16	2	1-1/8	--	18	10d	6	10d	2250	2525	2725	1135	1980	2220	2395	975
										16d			2645	3000	3240		2325	2640	2850	
	HD410	HU410	14	3-9/16	8-13/16	2-1/2	1-1/8	Min	14	16d	6	10d	2155	2430	2610	1170	1895	2140	2295	1030
								Max	20				3080	3475	3725	1950	2710	3055	3190	1715
	HD410IF	HUC410	14	3-9/16	8-13/16	2-1/2	--	Min	14	16d	6	10d	2155	2430	2610	1170	1895	2140	2295	1030
								Max	20				3080	3475	3725	1950	2710	3055	3190	1715
	HDQ410IF	HUCQ410	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4900	4900	2865
	HUS412	HUS412	14	3-5/8	10-7/8	2	1	--	10	16d	10	16d	2710	3080	3325	3615	2385	2710	2875	2910
	HUS412IF	HUSC412	14	3-5/8	10-7/8	2	1	--	10	16d	10	16d	2710	3080	3325	3615	2385	2710	2875	2910
	HDQ412IF	HUCQ412	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4980	4980	4980	2775
	HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040
Max								24	3695				4170	4470	2340	3250	3665	3860	2060	
HD412IF	HUC412	14	3-9/16	10-13/16	2-1/2	--	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040	
							Max	24				3695	4170	4470	2340	3250	3665	3860	2060	
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				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				4005	4515	4815	2340	3520	3860	3860	2060	
4 x 16	JUS414	LUS414	18	3-5/8	12-7/8	2	1	--	12	16d	6	16d	2405	2405	2405	2345	1920	1920	1920	1870
	SUH414	U414	16	3-9/16	10-1/16	2	1-1/8	--	18	10d	6	10d	2250	2525	2725	1135	1980	2220	2395	975
										16d			2645	3000	3240		2325	2640	2850	
	HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040
								Max	24				3695	4170	4470	2340	3250	3665	3860	2060
	HD412IF	HUC412	14	3-9/16	10-13/16	2-1/2	--	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040
								Max	24				3695	4170	4470	2340	3250	3665	3860	2060
	HDQ412IF	HUCQ412	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4980	4980	4980	2775
	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				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				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				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				4620	4990	4990	2245	4015	4015	4015	1805	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
2) For JUS and HUS hangers: Nails must be driven at a 30° to 45° angle through the joist or truss into the header to achieve the table loads.
3) MiTek's WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQIF hangers.
4) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.