

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	160%	Floor	Roof	Uplift ¹	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 16d	6	10d	2000 2350	2245 2670	2420 2880	1135	1760 2070	1975 2345	2130 2535	975
	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	8-3/4	2-1/2	1-1/8	Min Max	14 20	16d	6 10	10d	2155 3080	2430 3475	2610 3725	1170 1950	1895 2710	2140 3055	2295 3190	1030 1715
	HD410IF	HUC410	14	3-9/16	8-3/4	2-1/2	1-1/8	Min Max	14 20	16d	6 10	10d	2155 3080	2430 3475	2610 3725	1170 1950	1895 2710	2140 3055	2295 3190	1030 1715
	HDQ410IF	HUCQ410	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5145	5145	2975	4480	4590	4590	2655
	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	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HD412IF	HUC412	14	3-9/16	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HDQ412IF	HUCQ412	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	5605	5605	5605	3280
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 16d	6	10d	2250 2645	2525 3000	2725 3240	1135	1980 2325	2220 2640	2395 2850	975
	HD410	HU410	14	3-9/16	8-3/4	2-1/2	1-1/8	Min Max	14 20	16d	6 10	10d	2155 3080	2430 3475	2610 3725	1170 1950	1895 2710	2140 3055	2295 3190	1030 1715
	HD410IF	HUC410	14	3-9/16	8-3/4	2-1/2	1-1/8	Min Max	14 20	16d	6 10	10d	2155 3080	2430 3475	2610 3725	1170 1950	1895 2710	2140 3055	2295 3190	1030 1715
	HDQ410IF	HUCQ410	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5145	5145	2975	4480	4590	4590	2655
	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	5605	5605	5605	3280
	HD412	HU412	14	3-9/16	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HD412IF	HUC412	14	3-9/16	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HD414	HU414	14	3-9/16	12-3/4	2-1/2	1-1/8	Min Max	18 26	16d	8 12	10d	2770 4005	3125 4515	3355 4815	1510 2340	2440 3520	2750 3860	2950 3860	1205 2060
	HD414IF	HUC414	14	3-9/16	12-3/4	2-1/2	1-1/8	Min Max	18 26	16d	8 12	10d	2770 4005	3125 4515	3355 4815	1510 2340	2440 3520	2750 3860	2950 3860	1205 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 16d	6	10d	2250 2645	2525 3000	2725 3240	1135	1980 2325	2220 2640	2395 2850	975
	HD412	HU412	14	3-9/16	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HD412IF	HUC412	14	3-9/16	10-3/4	2-1/2	1-1/8	Min Max	16 24	16d	8 12	10d	2465 3695	2780 4170	2980 4470	1305 2340	2165 3250	2445 3665	2620 3860	1040 2060
	HDQ412IF	HUCQ412	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	5605	5605	5605	3280
	HD414	HU414	14	3-9/16	12-3/4	2-1/2	1-1/8	Min Max	18 26	16d	8 12	10d	2770 4005	3125 4515	3355 4815	1510 2340	2440 3520	2750 3860	2950 3860	1205 2060
	HD414IF	HUC414	14	3-9/16	12-3/4	2-1/2	1-1/8	Min Max	18 26	16d	8 12	10d	2770 4005	3125 4515	3355 4815	1510 2340	2440 3520	2750 3860	2950 3860	1205 2060
	HD416	HU416	14	3-9/16	14-3/4	2-1/2	1-1/8	Min Max	22 30	16d	10 14	10d	3390 4620	3820 4990	4100 4990	1950 2245	2980 4015	3360 4015	3605 4015	1715 1805
	HD416IF	HUC416	14	3-9/16	14-3/4	2-1/2	1-1/8	Min Max	22 30	16d	10 14	10d	3390 4620	3820 4990	4100 4990	1950 2245	2980 4015	3360 4015	3605 4015	1715 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.