

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%	
3 x 6	JUS36	LUS36	18	2-9/16	5-1/4	2	1	--	4	16d	4	16d	1040	1185	1290	1270	915	1045	1135	1015
	SUH36	U36	16	2-9/16	5-5/16	2	1-1/8	--	10	10d	4	10d x 1-1/2	1250	1405	1515	755	1100	1235	1330	665
										16d			1470	1670	1800		1295	1465	1585	
	HD36	HU36	14	2-9/16	4-3/4	2-1/2	1-1/8	--	8	16d	6	10d x 1-1/2	1230	1390	1490	760	1085	1220	1310	610
HD36IF	HUC36	14	2-9/16	4-3/4	2-1/2	1-1/8	--	8	16d	6	10d x 1-1/2	1230	1390	1490	760	1085	1220	1310	610	
3 x 8	JUS38	--	18	2-9/16	6-3/4	2	1	--	6	16d	4	16d	1325	1510	1645	1270	1165	1330	1445	1015
	SUH36	U36	16	2-9/16	5-5/16	2	1-1/8	--	10	10d	4	10d x 1-1/2	1250	1405	1515	755	1100	1235	1330	665
										16d			1470	1670	1800		1295	1465	1585	
	HD38	HU38	14	2-9/16	6-11/16	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
								Max	14		6		2155	2430	2610	1170	1895	2140	2295	950
	HD38IF	HUC38	14	2-9/16	6-11/16	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
Max								14	6		2155		2430	2610	1170	1895	2140	2295	950	
3 x 10	JUS310	LUS310	18	2-9/16	9-1/8	2	1	--	8	16d	6	16d	1845	2105	2290	2345	1625	1850	1930	1880
	SUH310	U310	16	2-9/16	8-7/8	2	1-1/8	--	16	10d	6	10d x 1-1/2	2000	2245	2420	1135	1760	1975	2130	980
										16d			2350	2585	2585		2070	2070	2070	
	HD38	HU38	14	2-9/16	6-3/4	2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
								Max	14		6		2155	2430	2610	1170	1895	2140	2295	950
	HD38IF	HUC38	14	2-9/16	6-3/4	2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
								Max	14		6		2155	2430	2610	1170	1895	2140	2295	950
	HD310	HU310	14	2-9/16	7-3/8	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
Max								14	6		2155		2430	2610	1170	1895	2140	2295	950	
HD310IF	HUC310	14	2-9/16	7-3/8	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605	
Max	14	6	2155	2430	2610	1170	1895	2140		2295		950								
HDQ310IF	HUCQ310	14	2-9/16	9	3	1-3/16	--	8	WS3	4	WS15	3340	3605	3605	1140	3215	3350	3350	1060	
3 x 12	SUH310	U310	16	2-9/16	8-7/8	2	1-1/8	--	16	10d	6	10d x 1-1/2	2000	2245	2420	1135	1760	1975	2130	980
										16d			2350	2585	2585		2070	2070	2070	
	HD310	HU310	14	2-9/16	7-3/8	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
								Max	14		6		2155	2430	2610	1170	1895	2140	2295	950
	HD310IF	HUC310	14	2-9/16	7-3/8	2-1/2	1-1/8	Min	10	16d	4	10d x 1-1/2	1540	1735	1865	760	1355	1525	1640	605
								Max	14		6		2155	2430	2610	1170	1895	2140	2295	950
	HDQ310IF	HUCQ310	14	2-9/16	9	3	1-3/16	--	8	WS3	4	WS15	3340	3605	3605	1140	3215	3350	3350	1060
	HD312	HU312	14	2-9/16	9-1/4	2-1/2	1-1/8	Min	14	16d	6	10d x 1-1/2	2155	2430	2610	1170	1895	2140	2295	950
Max								20	10		3080		3475	3725	1510	2710	3055	3210	1215	
HD312IF	HUC312	14	2-9/16	9-1/4	2-1/2	1-1/8	Min	14	16d	6	10d x 1-1/2	2155	2430	2610	1170	1895	2140	2295	950	
							Max	20		10		3080	3475	3725	1510	2710	3055	3210	1215	
3 x 14	SUH314	U314	16	2-9/16	10-9/16	2	1-1/8	--	18	10d	6	10d x 1-1/2	2250	2525	2725	1135	1980	2220	2395	980
										16d			2645	3000	3240		2325	2640	2850	
	HDQ310IF	HUCQ310	14	2-9/16	9	3	1-3/16	--	8	WS3	4	WS15	3340	3605	3605	1140	3215	3350	3350	1060
													HD312	HU312	14	2-9/16	9-1/4	2-1/2	1-1/8	Min
	Max	20	10	3080	3475	3725	1510	2710	3055	3210	1215									
	HD312IF	HUC312	14	2-9/16	9-1/4	2-1/2	1-1/8	Min	14	16d	6	10d x 1-1/2	2155	2430	2610	1170	1895	2140	2295	950
								Max	20		10		3080	3475	3725	1510	2710	3055	3210	1215
	HD314	HU314	14	2-9/16	11-1/4	2-1/2	1-1/8	Min	16	16d	8	10d x 1-1/2	2465	2780	2980	1190	2165	2445	2620	955
Max								24	12		3695		4170	4435	1900	3250	3665	3930	1535	
HD314IF	HUC314	14	2-9/16	11-1/4	2-1/2	1-1/8	Min	16	16d	8	10d x 1-1/2	2465	2780	2980	1190	2165	2445	2620	955	
							Max	24		12		3695	4170	4435	1900	3250	3665	3930	1535	

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 WS15 (1/4" dia. x 1-1/2" long) and WS3 (1/4" dia. x 3" long) structural wood screws are included with HDQIF hangers.

4) **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.