

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%	100%	115%	125%	160%
4 x 6	JUS46	LUS46	18	3-5/8	5	2	1	--	4	16d	4	16d	1040	1185	1290	1270	915	1045	1135	1010
	SUH46	U46	16	3-9/16	4-13/16	2	1-1/8	--	10	10d	4	10d	1250	1405	1515	755	1100	1235	1330	665
										16d			1470	1670	1800		1295	1465	1585	
	HUS46	HUS46	14	3-5/8	5	2	1	--	4	16d	4	16d	1085	1235	1330	1170	955	1085	1170	930
	HUS46IF	HUSC46	14	3-5/8	5	2	1	--	4	16d	4	16d	1085	1235	1330	1170	955	1085	1170	930
	HD46	HU46	14	3-9/16	5	2-1/2	1-1/8	Min	8	16d	4	10d	1230	1390	1490	760	1085	1220	1310	605
								Max	12				1850	2085	2235	1170	1625	1835	1965	1030
4 x 8	SUH46	U46	16	3-9/16	4-13/16	2	1-1/8	--	10	10d	4	10d	1250	1405	1515	755	1100	1235	1330	665
										16d			1470	1670	1800		1295	1465	1585	
	HUS46	HUS46	14	3-5/8	5	2	1	--	4	16d	4	16d	1085	1235	1330	1170	955	1085	1170	930
	HUS46IF	HUSC46	14	3-5/8	5	2	1	--	4	16d	4	16d	1085	1235	1330	1170	955	1085	1170	930
	HUS48	HUS48	14	3-5/8	7	2	1	--	6	16d	6	16d	1625	1850	1880	2420	1430	1500	1500	1930
	HUS48IF	HUSC48	14	3-5/8	7	2	1	--	6	16d	6	16d	1625	1850	1880	2420	1430	1500	1500	1930
	HD46	HU46	14	3-9/16	5	2-1/2	1-1/8	Min	8	16d	4	10d	1230	1390	1490	760	1085	1220	1310	605
								Max	12				1850	2085	2235	1170	1625	1835	1965	1030
	HD46IF	HUC46	14	3-9/16	5	2-1/2	1-1/8	Min	8	16d	4	10d	1230	1390	1490	760	1085	1220	1310	605
								Max	12				1850	2085	2235	1170	1625	1835	1965	1030
	HD48	HU48	14	3-9/16	6-7/8	2-1/2	1-1/8	Min	10	16d	4	10d	1540	1735	1865	780	1355	1525	1640	685
								Max	14				2155	2430	2610	1170	1895	2140	2295	1030
	HD48IF	HUC48	14	3-9/16	6-7/8	2-1/2	1-1/8	Min	10	16d	4	10d	1540	1735	1865	780	1355	1525	1640	685
								Max	14				2155	2430	2610	1170	1895	2140	2295	1030
4 x 10	JUS48	LUS48	18	3-5/8	6-7/8	2	1	--	6	16d	4	16d	1325	1510	1645	1270	1165	1330	1445	1010
	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	
	HUS48	HUS48	14	3-5/8	7	2	1	--	6	16d	6	16d	1625	1850	1880	2420	1430	1500	1500	1930
	HUS48IF	HUSC48	14	3-5/8	7	2	1	--	6	16d	6	16d	1625	1850	1880	2420	1430	1500	1500	1930
	HD48	HU48	14	3-9/16	6-7/8	2-1/2	1-1/8	Min	10	16d	4	10d	1540	1735	1865	780	1355	1525	1640	685
								Max	14				2155	2430	2610	1170	1895	2140	2295	1030
	HD48IF	HUC48	14	3-9/16	6-7/8	2-1/2	1-1/8	Min	10	16d	4	10d	1540	1735	1865	780	1355	1525	1640	685
								Max	14				2155	2430	2610	1170	1895	2140	2295	1030
	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	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	8-3/4	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
	HDQ410IF	HUCQ410	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5145	5145	2975	4480	4590	4590	2655

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.