

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				
					W	H	D	A	Min/Max	Header		Joist		100%	115%	125%	Uplift ¹	100%	115%	125%	Uplift ¹
										Qty	Type	Qty	Type								
1-3/4 x 5-1/2	HUS175	HU1.81/5	x	16	1-13/16	5-3/8	3	2	--	14	16d	6	16d	2760	3140	3400	2045	2430	2765	2990	1640
1-3/4 x 7-1/4	HD1770	HU7	x	14	1-13/16	7-1/8	2-1/2	1-1/8	Min	12	16d	4	10d x 1-1/2	1850	2085	2235	760	1625	1835	1900	610
	HUS177	--	x	16	1-13/16	7-1/8	3	2	Max	16		8		2465	2780	2980	1190	2165	2445	2620	960
1-3/4 x 9-1/2	HD17925	HU9	x	14	1-13/16	9-1/8	2-1/2	1-1/8	Min	18	16d	6	10d x 1-1/2	2770	3125	3355	1170	2440	2645	2695	955
	HD17925IF	--	x	14	1-13/16	9-1/8	--	1-1/8	Max	24		10		3695	4170	4320	1900	3020	3165	3255	1545
	HDQ1791F	HUCQ1.81/9-SDS	x	14	1-13/16	9	3	13/16	--	8	WS3	4	WS15	3340	3605	3605	1110	2980	3010	3010	925
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410
1-3/4 x 11-1/4 - 11-7/8	HD17112	HU11	x	14	1-13/16	11-3/8	2-1/2	1-1/8	Min	22	16d	6	10d x 1-1/2	3390	3625	3685	1170	2555	2645	2695	955
	HD17112IF	--	x	14	1-13/16	11-3/8	--	1-1/8	Max	30		12		4320	4515	4640	1900	3255	3425	3535	1550
	HDQ17112IF	HUCQ1.81/11-SDS	x	14	1-13/16	11	3	13/16	--	10	WS3	6	WS15	3340	3340	3340	1580	2890	2890	2890	1365
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410
1-3/4 x 14	HD1714	HU14, U14	x	14	1-13/16	13-5/16	2-1/2	1-1/8	Min	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220
	HD1714IF	--	x	14	1-13/16	13-5/16	--	1-1/8	Max	36		14		4580	4810	4955	1900	3485	3685	3815	1555
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4870	4955	2035	3355	3525	3635	1680
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410
1-3/4 x 16	HD1714	HU14, U14	x	14	1-13/16	13-5/16	2-1/2	1-1/8	Min	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220
	HD1714IF	--	x	14	1-13/16	13-5/16	--	1-1/8	Max	36		14		4580	4810	4955	1900	3485	3685	3815	1555
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4870	4955	2035	3355	3525	3635	1680
2-11/16 x 9-1/4 - 14	HD27925	HU2.75/10	x	14	2-3/4	9-3/16	2-1/2	1-1/8	Min	14	16d	6	10d x 1-1/2	2155	2430	2610	1170	1895	2140	2295	950
	THDH27925	--	x	12	2-3/4	9-1/8	4	2-1/2	Max	20		10		3080	3475	3725	1510	2710	3055	3200	1210
2-11/16 x 11-1/4 - 16	HD27112	HU2.75/12	x	14	2-3/4	11-3/16	2-1/2	1-1/8	Min	16	16d	8	10d x 1-1/2	2465	2780	2980	1190	2165	2445	2620	950
	THDH27112	--	x	12	2-3/4	10-7/8	4	2-1/2	Max	24		12		3695	4170	4435	1900	3250	3665	3930	1530
2-11/16 x 14 - 16	HD2714	HU2.75/14	x	14	2-3/4	13-3/16	2-1/2	1-1/8	Min	18	16d	8	10d x 1-1/2	2770	3125	3355	1510	2440	2750	2950	1210
	THDH2714	--	x	12	2-3/4	12-1/4	4	2-1/2	Max	26		12		4005	4435	4435	1900	3520	3935	3935	1530
3-1/2 x 9-1/4 - 14	HD410	--	x	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
	HDQ410IF	HUCQ410-SDS	x	14	3-9/16	9	3	1-1/2	Max	20		10		3080	3475	3725	1950	2710	3055	3190	1715
	THD410	HHUS410	x	14	3-5/8	9-1/16	3	2	--	38	16d	20	10d	5850	6600	7045	3905	5145	5680	5680	3255
	THDH410	HGUS410	x	12	3-5/8	9-1/16	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7820	7820	7820	3470
3-1/2 x 11-1/4 - 16	HD412	--	x	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
	HDQ412IF	HUCQ412-SDS	x	14	3-9/16	11	3	1-1/2	Max	24		12		3695	4170	4470	2340	3250	3665	3860	2060
	THD412	--	x	14	3-5/8	11	3	2	--	48	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255
	THDH412	HGUS412	x	12	3-5/8	11-1/16	4	2-1/2	--	56	16d	14	16d	9710	9710	9710	5290	7765	7765	7765	4230

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
2) WS15 structural wood screws are 1/4" dia. x 1-1/2" long, WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQ hangers.
3) **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.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.