

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule <sup>2,3</sup>				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 <sup>1</sup>	100%	115%	125%	Uplift <sup>1</sup>
										Qty	Type	Qty	Type								
3-1/2 x 14 - 20	HD414	--	x	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		12		4005	4515	4815	2340	3520	3860	3860	2060
	THD414	--	x	14	3-5/8	12-7/8	3	2	--	58	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255
	THDH414	HGUS414	x	12	3-5/8	13-1/16	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	9075	9075	9075	4250
3-1/2 x 16 - 22	HD416	--	x	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		14		4620	4990	4990	2245	4015	4015	4015	1805
3-1/2 x 18 - 26	HD418	--	x	14	3-9/16	16-1/2	2-1/2	1-1/8	--	28	16d	8	10d	4310	4815	4815	1560	3795	3835	3835	1375
5-1/4 x 9-1/4 - 11-7/8	HD5210	--	x	14	5-3/8	7-7/8	2-1/2	1-1/8	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035
									Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025
	HDQ5210IF	HUCQ5.25/9-SDS	x	14	5-1/4	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4890	4890	2855
	THD610	HHUS5.50/10	x	12	5-1/2	9	3	2	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6630	3230
	THDH610	HGUS5.25/10, HGUS5.50/10	x	12	5-1/2	9	4	2-1/2	--	46	16d	16	16d	9020	9020	9020	5290	7805	7805	7805	4210
5-1/4 x 11-1/4 - 16	HD5212	--	x	14	5-3/8	9-7/8	2-1/2	1-1/8	Min	16	16d	8	16d	2465	2780	2980	1305	2165	2445	2620	1040
									Max	24		12		3695	4170	4470	2765	3250	3665	3930	2430
	HDQ5212IF	HUCQ5.25/11-SDS	x	14	5-1/4	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4965	4965	4965	2770
	THD612	--	x	12	5-1/2	11	3	2	--	48	16d	20	10d	8255	8285	8285	4035	6630	6630	6630	3230
	THDH612	HGUS5.25/12, HGUS5.50/12	x	12	5-1/2	11	4	2-1/2	--	56	16d	20	16d	9530	9530	9530	5290	7610	7610	7610	4225
5-1/4 x 14 - 20	HD5214	--	x	14	5-3/8	11-7/8	2-1/2	1-1/8	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620
									Max	26		12		4005	4515	4845	2765	3520	3970	4020	2430
	THD614	--	x	12	5-1/2	12-7/8	3	2	--	58	16d	20	10d	8285	8285	8285	4035	6630	6630	6630	3230
	THDH614	HGUS5.50/14	x	12	5-1/2	13	4	2-1/2	--	66	16d	22	16d	11325	11325	11325	5305	9055	9055	9055	4245
5-1/4 x 16 - 22	HD5216	--	x	14	5-3/8	13-7/8	2-1/2	1-1/8	Min	22	16d	10	16d	3390	3820	4100	2305	2980	3360	3605	2025
									Max	30		14		4620	4990	4990	3225	3995	3995	3995	2835
6-3/4 x 9 - 14	THDH6710	HGUS210-4, HGUS6.88/10	x	12	6-7/8	8-13/16	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7765	7765	7765	3445
6-3/4 x 11 - 18	THDH6712	HGUS212-4, HGUS6.88/12	x	12	6-7/8	10-13/16	4	2-1/2	--	56	16d	14	16d	9020	9020	9020	5290	7775	7775	7775	4195
6-3/4 x 13 - 20	THDH6714	HGUS214-4, HGUS6.88/14	x	12	6-7/8	12-13/16	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	8995	8995	8995	4215
7 x 9-1/4 - 14	HD7100	HU410-2	x	14	7-1/8	9	2-1/2	#####	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035
									Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620
	THD7210	HHUS7.25/10	x	12	7-1/4	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6605	3220
	THDH7210	HGUS7.25/10	x	12	7-1/4	9	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7760	7760	7760	3440
7 x 11-1/4 - 16	HD7120	HU412-2	x	14	7-1/8	10-11/16	2-1/2	#####	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1035
									Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620
	THDH7212	HGUS7.25/12	x	12	7-1/4	10-1/2	4	2-1/2	--	56	16d	14	16d	9020	9020	9020	5290	7770	7770	7770	4195
7 x 14 - 20	HD7140	HU414-2	x	14	7-1/8	13	2-1/2	#####	Min	20	16d	8	16d	3080	3475	3725	1845	2710	3055	3160	1620
									Max	26		12		4005	4435	4435	2765	3520	3885	3885	2430
	THDH7214	HGUS7.25/14	x	12	7-1/4	12-1/4	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	8990	8990	8990	4215
7 x 16 - 22	HD7160	--	x	14	7-1/8	15-5/8	2-1/2	#####	--	24	16d	8	10d	3695	4170	4435	1560	3250	3665	3870	1375
7 x 18 - 26	HD7180	--	x	14	7-1/8	17-3/4	2-1/2	#####	--	28	16d	8	10d	4310	4860	4940	1560	3795	3910	3910	1375

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

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

3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.