

Joist Size (in)	MiTek Stock No.	Ref. No.	Steel Gauge	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 ¹ 160%	100%	115%	125%	Uplift ¹ 160%
									Qty	Type	Qty	Type								
5-1/4 x 7-1/4	HD68	--	14	5-1/2	5-15/16	2-1/2	1-1/8	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
							Max	14	6		2155		2430	2610	1305	1895	2140	2295	1035	
	HD68IF	--	14	5-1/2	5-15/16	2-1/2	--	Min	10	16d	4	16d	1540	1735	1865	920	1355	1525	1640	760
							Max	14	6		2155		2430	2610	1305	1895	2140	2295	1035	
5-1/4 x 9-1/4 - 11-7/8	HD5210	--	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	14	5-1/4	9	3	1-1/2	--	12	WS3	6	WS3	5015	5145	5145	2975	4480	4570	4570	2645
	THD610	HHUS5.50/10	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	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	--	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	14	5-1/4	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	5605	5605	5605	3280
	THD612	--	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	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	--	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	--	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	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	--	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	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	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	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	14	7-1/8	9	2-1/2	1-1/16	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	12	7-1/4	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6605	3220
	THDH7210	HGUS7.25/10	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	14	7-1/8	10-11/16	2-1/2	1-1/16	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	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	14	7-1/8	12-15/16	2-1/2	1-1/16	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	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	--	14	7-1/8	15-5/8	2-1/2	1-1/16	--	24	16d	8	10d	3695	4170	4435	1560	3250	3665	3870	1375
7 x 18 - 26	HD7180	--	14	7-1/8	17-3/4	2-1/2	1-1/16	--	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.

Vertical downward loads address hanger/header/fastener limitations only. Refer to the EWP manufacturer for joist limitations.