

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								
1-1/2 x 9-1/4 - 9-1/2	IHFL15925	IUS1.56/9.5	18	1-1/2	9-1/16	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40
1-1/2 x 11-1/4 - 11-7/8	IHFL15112	IUS1.56/11.88	18	1-1/2	11-1/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
1-1/2 x 14	IHF1514	--	16	1-1/2	13-1/2	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260
								Max	28	16d			3065	3095	3115		1815	1840	1860	
1-3/4 x 5-1/2	HUS175	HU1.81/5	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	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
								Max	16				2465	2780	2980	1190	2165	2445	2620	960
	HUS177	--	16	1-13/16	7-1/8	3	2	--	22	16d	8	16d	4170	4745	5125	2990	3670	4130	4130	2410
1-3/4 x 9-1/2	IHF17925	MIU1.81/9	16	1-3/4	8-15/16	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	1000	1120	1210	330	880	990	1065	260
								Max	20	16d			2905	2905	2905		2080	2105	2125	
	HD17925	HU9	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
								Max	24				3695	4170	4320	1900	3020	3165	3255	1545
	HD17925IF	--	14	1-13/16	9-1/8	--	1-1/8	--	18	16d	6	10d x 1-1/2	2770	3125	3355	1170	2440	2645	2695	950
	HDQ1791F	HUCQ1.81/9-SDS	14	1-13/16	9	3	13/16	--	8	WS3	4	WS15	3340	3605	3605	1140	3080	3210	3295	1055
	HUS179	HUS1.81/10	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	IHF17112	MIU1.81/11	16	1-3/4	10-15/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260
								Max	24	16d			3530	3560	3585		2080	2105	2125	
	HD17112	HU11	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
								Max	30				4320	4515	4640	1900	3255	3425	3535	1550
	HD17112IF	--	14	1-13/16	11-3/8	--	1-1/8	--	22	16d	6	10d x 1-1/2	3390	3625	3685	1170	2555	2645	2695	955
	HDQ17112IF	HUCQ1.81/11-SDS	14	1-13/16	11	3	13/16	--	10	WS3	6	WS15	3605	3605	3605	1520	2915	2915	2915	1230
1-3/4 x 14	IHF1714	MIU1.81/14	16	1-3/4	13-3/8	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260
								Max	28	16d			3530	3560	3585	330	2080	2105	2125	260
	HD1714	HU14, U14	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
								Max	36				4580	4810	4955	1900	3485	3685	3815	1555
	HD1714IF	--	14	1-13/16	13-5/16	--	1-1/8	--	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220
	HDQ17141F	--	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4840	4840	1995	3335	3500	3610	1615
1-3/4 x 16	IHF1716	MIU1.81/16	16	1-13/16	15-3/4	2-1/2	1-1/8	Min	14	10d	2	10d x 1-1/2	1750	1965	2120	330	1540	1730	1865	260
								Max	30	16d			3530	3560	3585		2080	2105	2125	
	HD1714	HU14, U14	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
								Max	36				4580	4810	4955	1900	3485	3685	3815	1555
	HD17141F	--	14	1-13/16	13-5/16	--	1-1/8	--	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220
	HDQ17141F	--	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4840	4840	1995	3335	3500	3610	1615
2-11/16 x 9-1/4 - 14	HD27925	HU2.75/10	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
								Max	20				3080	3475	3725	1510	2710	3055	3200	1210
	THDH27925	--	12	2-3/4	9-1/8	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7515	7850	7850	3480
2-11/16 x 11-1/4 - 16	HD27112	HU2.75/12	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
								Max	24				3695	4170	4435	1900	3250	3665	3930	1530
	THDH27112	--	12	2-3/4	10-7/8	4	2-1/2	--	56	16d	14	16d	9710	9710	9710	4345	7795	7795	7795	3490

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.

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