

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Reqd	Steel Gauge	Dimensions (in)				Fastener Schedule ⁴				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				
					W	H	D	A	Min/ Max	Header		Joist ²		100%	115%	125%	Uplift ^{1,2}	100%	115%	125%	Uplift ^{1,2}
										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
	IHF15925	MIU1.56/9	--	16	1-1/2	9-1/16	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		1815	1840	1860	
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
	IHF15112	MIU1.56/11	--	16	1-1/2	11-1/16	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			3065	3095	3115		1815	1840	1860	
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	
1-5/8 x 9-1/4 - 9-1/2	IHF16925	--	--	16	1-5/8	9	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			2	2905	2905		2905	1945	1975	
1-5/8 x 11-1/4 - 12	IHF16112	--	--	16	1-5/8	11	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			3295	3325	3350		1945	1975	1995	
1-5/8 x 14	IHF1614	--	--	16	1-5/8	13-7/16	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			3295	3325	3350		1945	1975	1995	
1-3/4 x 9-1/4 - 9-1/2	IHFL17925	IUS1.81/9.5	--	18	1-3/4	8-15/16	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40
	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	
1-3/4 x 11-7/8	IHFL17112	IUS1.81/11.88	--	18	1-3/4	10-15/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
	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	
1-3/4 x 14	IHFL1714	IUS1.81/14	--	18	1-3/4	13-3/8	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40
									Max	14				1680	1915	2065		1455	1660	1785	
	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
1-3/4 x 16	IHFL1716	IUS1.81/16	--	18	1-3/4	15-7/8	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40
									Max	16				1920	2190	2360		1660	1895	2040	
	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	
2 x 9-1/2	IHFL20925	IUS2.06/9.5	--	18	2-1/16	8-3/4	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40
	IHF20925	--	--	16	2-1/16	8-7/8	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		2410	2440	2460	
2 x 11-7/8	IHFL20112	IUS2.06/11.88	--	18	2-1/16	11-5/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
	IHF20112	MIU2.1/11	--	16	2-1/16	11-3/16	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	3960	3960		2410	2440	2460	
2 x 14	IHFL2014	IUS2.06/14	--	18	2-1/16	13-3/16	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40
									Max	14				1680	1915	2065		1455	1660	1785	
	IHF2014	--	--	16	2-1/16	13-1/4	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			4115	4150	4170		2410	2440	2460	
2 x 16	IHFL2016	IUS2.06/16	--	18	2-1/16	15-11/16	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40
									Max	16				1920	2190	2360		1660	1895	2040	
2-5/16 x 9-1/2	IHFL23925	IUS2.37/9.5	--	18	2-5/16	9-3/16	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40
	IHF23925	MIU2.37/9	--	16	2-5/16	9-3/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260
									Max	24	16d			3530	4000	4320		2675	2705	2725	

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

2) IHFL (18GA) — install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-Joist member for a total uplift of 220 lbs.

IHF (16GA) — uplift capacity for hangers installed without joist nails is 65 lbs.

3) Web stiffeners may be required by I-Joist manufacturers.

4) **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.