

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Req'd	Steel Gauge	Dimensions (in)				Fastener Schedule <sup>4</sup>				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				
					W	H	D	A	Min/Max	Header		Joist <sup>2</sup>		100%	115%	125%	Uplift <sup>1,2</sup>	100%	115%	125%	Uplift <sup>1,2</sup>
										Qty	Type	Qty	Type								
3-1/4 x 9-1/4	IHF16925-2	--	--	16	3-1/4	9-1/16	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		3105	3520	3720	
3-1/4 x 11-1/4	IHF16112-2	--	--	16	3-1/4	10-3/4	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	3960	3960		3105	3125	3125	
3-1/2 x 9-1/4 - 9-1/2	IHFL35925	IUS3.56/9.5	--	18	3-1/2	8-5/8	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
	IHF35925	MIU3.56/9	--	16	3-1/2	8-5/8	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	2	10d x 1-1/2	3530	4000	4320		3105	3520	3800	
									3-1/2 x 11-1/4 - 11-7/8	IHF35112	MIU3.56/11	--	16	3-1/2	10-5/8	2-1/2	1-1/8	Min	10	10d	--
Max	12	10d	1440	1640	1770	1245	1420	1530													
									Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260
									Max	24	16d			3530	3960	3960		3105	3125	3125	
3-1/2 x 14	IHF3514	MIU3.56/14	--	16	3-1/2	12-15/16	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40
									Max	14	10d	1680	1915	2065	1455	1660		1785			
									Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260
									Max	28	16d			4115	4440	4440		3620	3965	3985	
3-1/2 x 16	IHF3516	MIU3.56/16	--	16	3-1/2	15	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40
									Max	16	10d	1920	2190	2360	1660	1895		2040			
									Min	14	10d	2	10d x 1-1/2	1750	1965	2120	330	1540	1730	1865	260
									Max	30	16d			4410	4440	4440		3880	3965	3985	
3-1/2 x 18	IHF3518	MIU3.56/18	--	16	3-1/2	16-9/16	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			4410	4440	4440		3880	3965	3985	
4 - 4-3/16 x 9-1/2	IHF20925-2	MIU4.12/9, MIU4.28/9	--	16	4-3/16	8-11/16	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		3105	3120	3120	
4 - 4-3/16 x 11-7/8	IHF20112-2	MIU4.12/11, MIU4.28/11	--	16	4-3/16	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			3530	3960	3960		3105	3120	3120	
4 - 4-3/16 x 14	IHF2014-2	MIU4.12/14, MIU4.28/14	--	16	4-3/16	13-5/8	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			3960	3960	3960		3120	3120	3120	
4-5/8 x 9-1/4	IHF23925-2	MIU4.75/9	--	16	4-3/4	8-3/8	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		3105	3120	3120	
4-5/8 x 11-1/4	THF23118-2	MIU4.75/11	x	16	4-3/4	10-11/16	2-1/2	1-1/4	--	16	10d	6	10d	1890	2170	2360	1135	1650	1900	2065	990
4-5/8 x 14	THF23140-2	MIU4.75/14	x	12	4-3/4	13-5/16	2-1/2	1-1/4	--	20	10d	6	10d	2660	3060	3325	1275	2325	2675	2910	1115
4-5/8 x 16	THF23160-2	MIU4.75/16	x	12	4-3/4	15-15/16	2-1/2	1-1/4	--	24	10d	6	10d	3190	3670	3990	1275	2790	3165	3165	1115
5 x 9-1/4	IHF25925-2	MIU5.12/9	--	16	5-1/8	8-3/16	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		3105	3120	3120	
5 x 11-1/4	IHF25112-2	MIU5.12/11	--	16	5-1/8	10-7/16	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		3105	3120	3120	
5 x 14	THF25140-2	MIU5.12/14	x	12	5-1/8	13-1/8	2-1/2	1-1/4	--	20	10d	6	10d	2660	3060	3325	1275	2340	2690	2925	1015
5 x 16	THF25160-2	MIU5.12/16	x	12	5-1/8	15-3/4	2-1/2	1-1/4	--	24	10d	6	10d	3190	3670	3990	1275	2810	3160	3160	1015
7 x 9-1/4	HD7100	HU410-2	x	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	
7 x 11-1/4	HD7120	HU412-2	x	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	
7 x 14	HD7140	HU414-2	x	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	

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.**