

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								
2-5/16 x 11-7/8	IHFL23112	IUS2.37/11.88	--	18	2-5/16	11-3/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
	IHF23112	MIU2.37/11	--	16	2-5/16	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		2675	2705	2725	
2-5/16 x 14	IHFL2314	IUS2.37/14	--	18	2-5/16	13-1/2	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	
	IHF2314	MIU2.37/14	--	16	2-5/16	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			4115	4440	4440		2675	2705	2725	
2-5/16 x 16	IHFL2316	IUS2.37/16	--	18	2-5/16	15-9/16	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	
	IHF2316	MIU2.37/16	--	16	2-5/16	15-9/16	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		2675	2705	2725	
2-5/16 x 18	IHF2318	MIU2.37/18	--	16	2-5/16	17-1/8	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		2675	2705	2725	
2-1/2 x 9-1/4 - 9-1/2	THFI2595	IUS2.56/9.25, IUS2.56/9.5	--	18	2-5/8	9-1/2	2-1/2	1-3/8	--	8	10d	--	--	960	1095	1180	125	845	965	995	100
	IHFL25925	--	--	18	2-1/2	9-1/8	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40
	IHF25925	MIU2.56/9	--	16	2-1/2	9-1/8	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			3530	4000	4320		2875	2905	2920	
2-1/2 x 11-1/4 - 11-7/8	THFI25118	IUS2.56/11.88	--	18	2-5/8	11-7/8	2-1/2	1-3/8	--	10	10d	--	--	1200	1265	1265	125	995	995	995	100
	IHFL25112	--	--	18	2-1/2	11-1/8	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40
	IHF25112	MIU2.56/11	--	16	2-1/2	11-1/8	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			3530	3960	3960		2875	2905	2920	
2-1/2 x 14	THFI2514	IUS2.56/14	--	18	2-5/8	14	2-1/2	1-3/8	Min	12	10d	--	--	1440	1640	1770	125	1265	1445	1555	100
									Max	14	10d	--	--	1680	1915	2065		1480	1685	1815	
	IHFL2514	--	--	18	2-1/2	13-7/16	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	
	IHF2514	MIU2.56/14	--	16	2-1/2	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			4115	4440	4440		2875	2905	2920	
2-1/2 x 16	IHFL2516	IUS2.56/16	--	18	2-1/2	15-1/2	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	
	IHF2516	MIU2.56/16	--	16	2-1/2	15-1/2	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		2875	2905	2920	
2-5/8 x 9-1/4 - 9-1/2	IHF26925	--	--	16	2-5/8	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		3010	3035	3055	
2-5/8 x 11-1/4 - 11-7/8	IHF26112	--	--	16	2-5/8	11-1/16	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	3960	3960		3010	3035	3055	
2-5/8 x 14	IHF2614	--	--	16	2-5/8	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			4115	4440	4440		3010	3035	3055	
2-5/8 x 16	IHF2616	--	--	16	2-5/8	15-7/16	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		3010	3035	3055	
3 x 9-1/4	IHF15925-2	MIU3.12/9	--	16	3	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		3105	3435	3455	
3 x 11-1/4	IHF15112-2	MIU3.12/11	--	16	3	10-13/16	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	3960	3960		3105	3125	3125	

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.