

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Reqd	Ga	Dimensions (in)					Min/ Max	Fastener Schedule ⁵					Allowable Loads Header Type (Lbs.) ^{1,3}								Code Ref.
					W	H	D	L	TF		Header			Joist		Download 100%						Uplift ²		
											Top Qty	Face Qty	Type	Qty	Type	LVL	PSL	LSL	SPF	DF I-Joist ⁴	DF/SP	DF/SP 160%		
3-1/2 x 26	TFI426	--	--	16	3-9/16	26	2-1/2	--	2-1/8	--	4	6	16d	2	10d x 1-1/2	2820	2820	2820	2480	--	2820	215	IBC, FL, LA	
	BPHA3526	BA3.56/26		12	3-9/16	25-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4190	--	5270	245 1665		
	HBPH3526	HB3.56/26	x	10	3-9/16	26	3-1/2	--	3	--	6	16	16d	10	16d	6310	6310	6310	5035	--	6310	2705		
	PHM3526	WP3.56 H=26	x	7/10	3-5/8	26	2-1/2	7	3	--	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--		
	PHXU3526	HWP3.56 H=26, HWP3.56 H=26	x	7	3-9/16	26	3-1/4	10	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120		
3-1/2 x 28	BPHA3528	BA3.56/28		12	3-9/16	27-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4190	--	5270	245 1665		
	HBPH3528	HB3.56/28	x	10	3-9/16	28	3-1/2	--	3	--	6	16	16d	10	16d	6310	6310	6310	5035	--	6310	2705		
	PHM3528	WP3.56 H=28	x	7/10	3-5/8	28	2-1/2	7	3	--	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--		
	PHXU3528	HWP3.56 H=28, HWP3.56 H=28	x	7	3-9/16	28	3-1/4	10	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120		
3-1/2 x 30	BPHA3530	BA3.56/30		12	3-9/16	29-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4190	--	5270	245 1665		
	HBPH3530	HB3.56/30	x	10	3-9/16	30	3-1/2	--	3	--	6	16	16d	10	16d	6310	6310	6310	5035	--	6310	2705		
	PHM3530	WP3.56 H=30	x	7/10	3-5/8	30	2-1/2	7	3	--	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--		
	PHXU3530	HWP3.56 H=30, HWP3.56 H=30	x	7	3-9/16	30	3-1/4	10	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120		
3-1/2 x 32	BPHA3532	--		12	3-9/16	31-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4190	--	5270	245 1665		
	PHM3532	--	x	7/10	3-5/8	32	2-1/2	7	3	--	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--		
	PHXU3532	--	x	7	3-9/16	32	3-1/4	10	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120		
4 - 4-3/16 x 9-1/2	THO20950-2	MIT4.12/9.5	x	16	4-3/16	9-1/2	3	--	2	--	4	6	16d	6	10d	2920	2920	2920	2245	2630	2920	1135		
	BPHA4295	BA4.12/9.5, BA4.28/9.5		12	4-3/8	9-7/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4185	--	5270	245 1665		
	PHM4295	WP4.12 H=9.5	x	7/10	4-3/16	9-1/2	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4 - 4-3/16 x 11-7/8	THO20118-2	MIT4.12/11.88	x	16	4-3/16	11-7/8	3	--	2	--	4	6	16d	6	10d	2920	2920	2920	2245	2630	2920	1135		
	BPHA42118	BA4.12/11.88, BA4.28/11.88		12	4-3/8	11-13/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4185	--	5270	245 1665		
	PHM42118	WP4.12 H=11.875	x	7/10	4-3/16	11-7/8	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4 - 4-3/16 x 14	THO20140-2	MIT4.28/14	x	12	4-3/16	14	3	--	1-15/16	--	4	6	16d	6	10d	3640	3640	3640	2800	2630	3640	1145		
	BPHA4214	BA4.12/14, BA4.28/14		12	4-3/8	13-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4185	--	5270	245 1665		
	PHM4214	WP4.12 H=14	x	7/10	4-3/16	14	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4 - 4-3/16 x 16	THO20160-2	--	x	12	4-3/16	16	3	--	1-15/16	--	4	6	16d	6	10d	3640	3640	3640	2800	2630	3640	1145		
	BPHA4216	BA4.12/16, BA4.28/16		12	4-3/8	15-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4185	--	5270	245 1665		
	PHM4216	WP4.12 H=16	x	7/10	4-3/16	16	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4-1/2 - 4-5/8 x 9-1/2	THO23950-2	MIT4.28/9.5	x	12	4-3/4	9-1/2	3	--	2	--	4	6	16d	6	10d	3640	3640	3640	2790	2630	3640	1145		
	BPHA2395-2	BA4.75/9.5		12	4-3/4	9-7/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4180	--	5270	245 1665		
	PHM2395-2	WP4.28X H=9.5	x	7/10	4-3/4	9-1/2	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4-1/2 - 4-5/8 x 11-7/8	THO23118-2	MIT4.28/11.88	x	12	4-3/4	11-7/8	3	--	2-1/8	--	4	6	16d	6	10d	3640	3640	3640	2795	2630	3640	1145		
	BPHA23118-2	BA4.75/11.88		12	4-3/4	11-13/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4180	--	5270	245 1665		
	PHM23118-2	WP4.28X H=11.875	x	7/10	4-3/4	11-7/8	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
4-1/2 - 4-5/8 x 14	THO23140-2	MIT4.28/14	x	12	4-3/4	14	3	--	2-1/8	--	4	8	16d	6	10d	4420	4420	4420	3390	2630	4420	1145		
	BPHA2314-2	BA4.75/14		12	4-3/4	13-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4180	--	5270	245 1665		
4-1/2 - 4-5/8 x 16	THO23160-2	MIT4.75/16	x	12	4-3/4	16	3	--	2-1/8	--	4	8	16d	6	10d	4420	4420	4420	3390	2630	4420	1145		
	BPHA2316-2	BA4.75/16		12	4-3/4	15-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4150 4180	--	5270	245 1665		
	PHM2316-2	WP4.75 H=16	x	7/10	4-3/4	16	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		

1) When I-joist is used as a header, all header nails must be 10d (0.148") x 1-1/2.

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

3) Some listed loads may be increased for short-term loading. Refer to MiTek code evaluation reports for details.

4) The reduction factors for I-Joist headers with 1-1/4" thick flanges is 0.69 and 0.84 for 1-3/8" flange.

5) **NAILS:** 10d nails are 0.148" dia. x 3" long, NA16D-RS nails are 0.148" x 3-1/2" 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.