

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Reqd	Ga	Dimensions (in)					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%		
1-1/2 x 9-1/4	TH015925	--	--	18	1-9/16	9-1/4	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1005	1235	230	IBC, FL, LA	
	BPH15925	--	x	12	1-9/16	9-1/4	2-3/8	--	1-1/2	4	6	16d	4	10d x 1-1/2	2830	2830	2830	2095	--	2825	850		
1-1/2 x 9-1/2	TH015950	--	--	18	1-1/2	9-1/2	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1090	1235	230		
	BPH1595	BA1.56/9.5	x	12	1-9/16	9-1/2	2-3/8	--	1-1/2	4	6	16d	4	10d x 1-1/2	2830	2830	2830	2095	--	2825	850		
1-1/2 x 11-1/4	BPH15112	--	x	12	1-9/16	11-1/4	2-3/8	--	1-1/2	4	6	16d	4	10d x 1-1/2	2830	2830	2830	2095	--	2825	850		
1-1/2 x 11-7/8	TH015118	ITS1.56/11.88	--	18	1-1/2	11-7/8	2	--	1-9/16	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1205	1235	230		
	BPH15118	BA1.56/11.88	x	12	1-9/16	11-7/8	2-3/8	--	1-1/2	4	6	16d	4	10d x 1-1/2	2830	2830	2830	2095	--	2825	850		
1-1/2 x 14	TH015140	--	--	16	1-9/16	14	2-3/8	--	1-1/2	4	6	10d	2	10d x 1-1/2	1235	1235	1235	950	1030	1235	230		
	BPH1514	--	x	12	1-9/16	14	2-3/8	--	1-1/2	4	6	16d	4	10d x 1-1/2	2830	2830	2830	2095	--	2825	850		
1-5/8 x 9-1/2	TH016950	--	--	18	1-11/16	9-1/2	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1005	1235	230		
1-5/8 x 11-1/4	TH016112	--	--	16	1-11/16	11-1/4	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1030	1235	230		
1-5/8 x 11-7/8	TH016118	--	--	16	1-11/16	11-7/8	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	955	1030	1235	230		
1-5/8 x 14	TH016140	--	--	16	1-11/16	14	3	--	1-3/4	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2185	1030	2370	230		
1-3/4 x 7-1/4	PHXU17725	WP1.81 H=7.25	x	7	1-13/16	7-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 9-1/4	BPH17925	BA1.81/9.25	x	12	1-13/16	9-1/4	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM17925	WP1.81 H=9.25	x	7/10	1-13/16	9-1/4	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
	PHXU17925	--	x	7	1-13/16	9-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 9-1/2	TH017950	ITS1.81/9.5	--	18	1-3/4	9-1/2	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1235	1235	1235	950	1235	1235	230		
	BPH1795	BA1.81/9.5, MIT9.5	x	12	1-13/16	9-1/2	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM1795	WP1.81 H=9.5	x	7/10	1-13/16	9-1/2	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
	PHXU1795	--	x	7	1-13/16	9-1/2	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 11-1/4	BPH17112	BA1.81/11.25	x	12	1-13/16	11-1/4	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM17112	WP1.81 H=11.25	x	7/10	1-13/16	11-1/4	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
	PHXU17112	--	x	7	1-13/16	11-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 11-7/8	TH017118	ITS1.81/11.88, MIT11.88	--	18	1-3/4	11-7/8	2	--	1-9/16	4	2	10d	2	10d x 1-1/2	1235	1235	1235	950	1235	1235	230		
	BPH17118	BA1.81/11.88	x	12	1-13/16	11-7/8	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM17118	WP1.81 H=11.875	x	7/10	1-13/16	11-7/8	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
	PHXU17118	--	x	7	1-13/16	11-7/8	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 14	TFL1714	ITS1.81/14	--	18	1-3/4	14	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPH1714	BA1.81/14, MIT1.81/14	x	12	1-13/16	14	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM1714	WP1.81 H=14	x	7/10	1-13/16	14	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
	PHXU1714	--	x	7	1-13/16	14	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	4350	4350	4350	3245	--	4350	930		
1-3/4 x 16	TFL1716	ITS1.81/16	--	18	1-3/4	16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPH1716	BA1.81/16, MIT1.81/16	x	12	1-13/16	16	2-3/8	--	1-11/16	4	6	16d	4	10d x 1-1/2	2970	2970	2970	2300	--	2970	850		
	PHM1716	WP1.81 H=16	x	7/10	1-13/16	16	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--		
2 - 2-1/8 x 9-1/2	TFL2095	ITS2.06/9.5	--	18	2-1/8	9-1/2	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
2 - 2-1/8 x 11-7/8	TFL20118	ITS2.06/11.88	--	18	2-1/8	11-7/8	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
2 - 2-1/8 x 14	TFL2014	ITS2.06/14	--	18	2-1/8	14	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		

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 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.

Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.