

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Reqd	Ga	Dimensions (in)					Fastener Schedule ⁵					Allowable Loads Header Type (Lbs.) ^{1,3}						
					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 160%	
2-1/4 - 2-5/16 x 14	TFL2314	ITS2.37/14	--	18	2-5/16	14	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
	TH023140	BA2.37/14	--	18	2-3/8	14	2-3/8	--	2	4	8	10d	2	10d x 1-1/2	2400	2400	2400	1840	2400	2400	230
	TFI3514	MIT3514	--	16	2-3/8	14	2-1/2	--	2-1/16	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2314	WP2.37 H=14	x	7/10	2-3/8	14	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/4 - 2-5/16 x 16	TFL2316	ITS2.37/16	--	18	2-5/16	16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
	TFI3516	MIT3516	--	16	2-3/8	16	2-1/2	--	2-1/16	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2316	WP2.37 H=16	x	7/10	2-3/8	16	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/4 - 2-5/16 x 18	TFI3518	BA2.37/18, MIT3518	--	16	2-3/8	18	2-1/2	--	2-1/16	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2318	WP2.37 H=18	x	7/10	2-3/8	18	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/4 - 2-5/16 x 20	TFI3520	BA2.37/20, MIT3520	--	16	2-3/8	20	2-1/2	--	2-1/16	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2320	WP2.37 H=20	x	7/10	2-3/8	20	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/2 x 9-1/4	TFL25925	--	--	18	2-1/2	9-1/4	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-1/2 x 9-3/8	TFL25938	--	--	18	2-1/2	9-3/8	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-1/2 x 9-1/2	TFL2595	ITS2.56/9.5	--	18	2-9/16	9-7/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-1/2 x 11-1/4	TFL25112	--	--	18	2-1/2	11-1/4	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-1/2 x 11-7/8	TFL25118	ITS2.56/11.88	--	18	2-9/16	11-13/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
	TH025118	MIT311.88	--	16	2-9/16	11-7/8	2-3/8	--	1-15/16	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2095	1835	2370	230
2-1/2 x 13	TFL2513	--	--	18	2-1/2	13	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-1/2 x 14	TFL2514	ITS2.56/14	--	18	2-9/16	13-15/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
	TH025140	MIT314	--	18	2-9/16	14	2-3/8	--	2	4	8	10d	2	10d x 1-1/2	2400	2400	2400	1835	2400	2400	230
	TFI314	--	--	16	2-9/16	14	2-1/2	--	2	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2514	WP2.56 H=14	--	7/10	2-9/16	14	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/2 x 16	TFL2516	ITS2.56/16	--	18	2-9/16	15-15/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
	TFI316	BA2.56/16, MIT316	--	16	2-9/16	16	2-1/2	--	2	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
	PHM2516	WP2.56 H=16	--	7/10	2-9/16	16	2-1/2	7	3	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--
2-1/2 x 18	TFI318	HIT318, BA2.56/18, MIT318	--	16	2-9/16	18	2-1/2	--	2	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
2-1/2 x 20	TFI320	HIT320, BA2.56/20, MIT320	--	16	2-9/16	20	2-1/2	--	2	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215
2-1/2 x 22	TFI322	HIT322, BA2.56/22, WP2.56 H=22	--	16	2-9/16	22	2-1/2	--	2	4	6	16d	2	10d x 1-1/2	2820	2820	2820	2485	--	2820	215
2-1/2 x 24	TFI324	HIT324, BA2.56/24, WP2.56 H=24	--	16	2-9/16	24	2-1/2	--	2	4	6	16d	2	10d x 1-1/2	2820	2820	2820	2485	--	2820	215
2-1/2 x 26	TFI326	BA2.56/26, WP2.56 H=26	--	16	2-9/16	26	2-1/2	--	2	4	6	16d	2	10d x 1-1/2	2820	2820	2820	2485	--	2820	215
2-9/16 x 9-1/2	TFL2595	ITS2.56/9.5	--	18	2-9/16	9-7/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-9/16 x 11-7/8	TFL25118	ITS2.56/11.88	--	18	2-9/16	11-13/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-9/16 x 14	TFL2514	ITS2.56/14	--	18	2-9/16	13-15/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-9/16 x 16	TFL2516	ITS2.56/16	--	18	2-9/16	15-15/16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130
2-5/8 x 9-1/2	TH026950	ITS2.56/9.5	--	18	2-11/16	9-1/2	2-3/8	--	2	4	6	10d	2	10d x 1-1/2	2525	2525	2525	2070	1625	2525	230
2-5/8 x 11-7/8	TH026118	ITS2.56/11.88	--	16	2-11/16	11-7/8	2-3/8	--	2	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2115	1835	2370	230
2-5/8 x 14	TH026140	ITS2.56/14	--	18	2-11/16	14	2-3/8	--	2	4	8	10d	2	10d x 1-1/2	2400	2400	2400	1835	2400	2400	230
2-5/8 x 16	TH026160	ITS2.56/16	--	18	2-11/16	16	2-3/8	--	2	4	8	10d	2	10d x 1-1/2	2400	2400	2400	1835	2400	2400	230

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, NA16D-RS nails are 0.148" x 3-1/2" 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.