

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)					Fastener Schedule <sup>5</sup>					Allowable Loads Header Type (Lbs.) <sup>1,3</sup>						Uplift <sup>2</sup>
					W	H	D	L	TF	Header			Joist		Download 100%						
										Top Qty	Face Qty	Type	Qty	Type	LVL	PSL	LSL	SPF	DF I-Joist <sup>4</sup>	DF/SP	
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	1260	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	1260	1245	1585	130
2-1/2 x 9-1/2	TFL2595	ITS2.56/9.5	--	18	2-1/2	9-1/2	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1260	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	1260	1245	1585	130
2-1/2 x 11-7/8	TFL25118	ITS2.56/11.88	--	18	2-1/2	11-7/8	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1260	1245	1585	130
	THO25118	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	1260	1245	1585	130
2-1/2 x 14	TFL2514	ITS2.56/14	--	18	2-1/2	14	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1260	1245	1585	130
	THO25140	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	2-1/2	16	2	--	1-1/2	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1260	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
2-5/8 x 9-1/2	THO26950	--	--	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	THO26118	--	--	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	THO26140	--	--	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	THO26160	--	--	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
2-11/16 x 9-1/4	PHXU27925	--	--	7	2-3/4	9-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH27925	--	x	7	2-3/4	9-1/4	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
2-11/16 x 9-1/2	PHXU2795	--	--	7	2-3/4	9-1/2	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH2795	--	x	7	2-3/4	9-1/2	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
2-11/16 x 11-1/4	PHXU27112	--	--	7	2-3/4	11-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH27112	--	x	7	2-3/4	11-1/4	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
2-11/16 x 11-7/8	PHXU27118	--	--	7	2-3/4	11-7/8	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH27118	--	x	7	2-3/4	11-7/8	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
2-11/16 x 14	PHXU2714	--	--	7	2-3/4	14	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH2714	--	x	7	2-3/4	14	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
2-11/16 x 16	PHXU2716	--	--	7	2-3/4	16	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
	HLBH2716	--	x	7	2-3/4	16	6	12	2-3/4	3	12	NA16D-RS	6	10d x 1-1/2	10045	10045	10045	6900	--	10045	1115
3 x 9-1/4	BPH31925	--	x	12	3-1/8	9-1/4	3	--	2-1/8	4	6	16d	4	10d	3055	3055	3055	2345	--	3055	850
	PHXU31925	--	x	7	3-1/8	9-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
3 x 9-1/2	THO15950-2	--	x	16	3-1/16	9-1/2	2-3/8	--	1-1/2	4	6	16d	6	10d	2525	2525	2525	1905	2525	2525	1135
	BPH3195	--	x	12	3-1/8	9-1/2	3	--	2-7/16	4	6	16d	4	10d	3055	3055	3055	2345	--	3055	850
	PHXU3195	--	x	7	3-1/8	9-1/2	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
3 x 11-1/4	BPH31112	--	x	12	3-1/8	11-1/4	3	--	2-1/8	4	6	16d	4	10d	3055	3055	3055	2345	--	3055	850
	PHXU31112	--	x	7	3-1/8	11-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870
3 x 11-7/8	THO15118-2	--	x	16	3-1/16	11-7/8	2-3/8	--	1-1/2	4	6	16d	6	10d	2525	2525	2525	1890	2525	2525	1135
	BPH31118	--	x	12	3-1/8	11-7/8	3	--	2-1/8	4	6	16d	4	10d	3055	3055	3055	2345	--	3055	850
	PHXU31118	--	x	7	3-1/8	11-7/8	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870

1) When I-joist is used as a header, all nails must be 10d 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) When I-Joists with flanges less than 1-1/2" thick are used as headers, the reduction factor for 1-1/4" flange 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.**