

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Req'd	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	I-Joist ⁴	DF/SP	DF/SP 160%	
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	IBC, FL, LA
	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	TH015950-2	--	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	TH015118-2	--	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	
3 x 14	BPH3114	--	x	12	3-1/8	14	3	--	2-1/16	4	6	16d	4	10d	3055	3055	3055	2345	--	3055	850	
	PHXU3114	--	x	7	3-1/8	14	3-1/4	10	2-1/2	4	4	16d	6	10d x 1-1/2	5370	5370	5370	4120	--	5370	870	
3-1/2 x 7-1/4	PHXU35725	--	x	7	3-9/16	7-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120	
3-1/2 x 9-1/4	TH035925	ITS3.56/9.25	--	16	3-9/16	9-1/4	2-3/8	--	2-1/2	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2370	2050	2370	230	
	BPH35925	BA3.56/9.25	x	12	3-9/16	9-1/4	2-3/8	--	2-3/8	4	6	16d	4	10d	3100	3100	3100	2380	--	3100	850	
	HBPH35925	HB3.56/9.25	x	10	3-9/16	9-1/4	3-1/2	--	3	6	16	16d	10	16d	6310	6310	6310	5035	--	6310	2705	
	PHM35925	WP3.56 H=9.25	x	7/10	3-5/8	9-1/4	2-1/2	7	3	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--	
	PHXU35925	HWP3.56 H=9.25	x	7	3-9/16	9-1/4	3-1/4	10	2-1/2	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120	
	HLBH35925	HGLTV3.56/9.25	x	7	3-5/8	9-1/4	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7705	--	10045	1420	
3-1/2 x 9-3/8	TH035938	--	--	16	3-9/16	9-3/8	2-3/8	--	2-9/16	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2215	2050	2370	230	
3-1/2 x 9-1/2	TH035950	ITS3.56/9.5	--	16	3-9/16	9-1/2	2-3/8	--	2-7/16	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2370	2050	2370	230	
	TH017950-2	MIT49.5	x	16	3-9/16	9-1/2	2-3/8	--	1-9/16	4	6	16d	6	10d	2920	2920	2920	1955	2630	2630	1135	
	BPH3595	BA3.56/9.5	x	12	3-9/16	9-1/2	2-3/8	--	2-3/8	4	6	16d	4	10d	3100	3100	3100	2380	--	3100	850	
	HBPH3595	HB3.56/9.5	x	10	3-9/16	9-1/2	3-1/2	--	3	6	16	16d	10	16d	6310	6310	6310	5035	--	6310	2705	
	PHM3595	WP3.56 H=9.5	x	7/10	3-5/8	9-1/2	2-1/2	7	3	2	--	16d	2	10d	3335	3335	3335	2535	--	3335	--	
	PHXU3595	HWP3.56 H=9.5	x	7	3-9/16	9-1/2	3-1/4	10	2-1/2	4	4	16d	6	10d	5910	5910	5910	4535	--	5910	1120	
	HLBH3595	HGLTV3.59	x	7	3-5/8	9-1/2	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7705	--	10045	1420	

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.