

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>							
					W	H	D	L	TF	Header			Joist		Download 100%					Uplift <sup>2</sup>		
										Top Qty	Face Qty	Type	Qty	Type	LVL	PSL	LSL	SPF	DF I-Joist <sup>4</sup>	DF/SP 160%	DF/SP 160%	
7 x 14	BPH7114	--	x	12	7-1/8	14	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH7114	HB7.12/14	x	10	7-1/8	14	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM3514-2	--	x	7/10	7-1/8	14	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU7114	HWP7.12 H=14	x	7	7-1/8	14	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7114	--	x	7	7-1/8	14	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 16	BPH7116	--	x	12	7-1/8	16	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH7116	HB7.12/16	x	10	7-1/8	16	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM3516-2	--	x	7/10	7-1/8	16	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU7116	HWP7.12 H=16	x	7	7-1/8	16	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7116	--	x	7	7-1/8	16	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 18	BPH7118	--	x	12	7-1/8	18	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH7118	HB7.12/18	x	10	7-1/8	18	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM3518-2	--	x	7/10	7-1/8	18	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU7118	HWP7.12 H=18, HWP7.12 H=18	x	7	7-1/8	18	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7118	--	x	7	7-1/8	18	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 20	BPH7120	--	x	12	7-1/8	20	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH7120	HB7.12/20	x	10	7-1/8	20	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM3520-2	--	x	7/10	7-1/8	20	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU7120	HWP7.12 H=20, HWP7.12 H=20	x	7	7-1/8	20	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7120	--	x	7	7-1/8	20	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 22	BPH7122	--	x	12	7-1/8	22	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH7122	HB7.12/22	x	10	7-1/8	22	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHXU7122	HWP7.12 H=22, HWP7.12 H=22	x	7	7-1/8	22	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7122	HGLTV7.12/22	x	7	7-1/8	22	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
	7 x 24	BPH7124	--	x	12	7-1/8	24	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275
HBPH7124		HB7.12/24	x	10	7-1/8	24	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
PHXU7124		HWP7.12 H=24, HWP7.12 H=24	x	7	7-1/8	24	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
HLBH7124		HGLTV7.12/24	x	7	7-1/8	24	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 26		HBPH7126	HB7.12/26	x	10	7-1/8	26	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705
	PHXU7126	HWP7.12 H=26, HWP7.12 H=26	x	7	7-1/8	26	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7126	HGLTV426-2	x	7	7-1/8	26	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
	7 x 28	HBPH7128	HB7.12/28	x	10	7-1/8	28	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705
		PHXU7128	HWP7.12 H=28, HWP7.12 H=28	x	7	7-1/8	28	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120
HLBH7128		HGLTV428-2	x	7	7-1/8	28	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 30		PHXU7130	HWP7.12 H=30	x	7	7-1/8	30	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120
		HLBH7130	HGLTV430-2	x	7	7-1/8	30	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580
	7 x 32	PHXU7132	--	x	7	7-1/8	32	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120
		HLBH7132	--	x	7	7-1/8	32	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580

1) When I-joint 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 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.**