

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	DF I-Joist ⁴	DF/SP 160%		
5-1/4 x 20	HBPH5520	HB5.50/20	x	10	5-1/2	20	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705	IBC, FL, LA
	PHXU5520	HWP5.37 H=20	x	7	5-1/2	20	3-1/4	11-1/2	2-1/2	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120	
	HLBH5520	HGLTV5.37 H=20	x	7	5-9/16	20	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580	
7 x 7-1/4	PHXU71725	--	x	7	7-1/8	7-1/4	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
7 x 9-1/4	BPH71925	--	x	12	7-1/8	9-1/4	3	--	2-3/8	4	6	16d	6	10d	3100	3100	3100	2370	--	3100	1275	
	HBPH71925	--	x	10	7-1/8	9-1/4	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM35925-2	--	x	7/10	7-1/8	9-1/4	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU71925	--	x	7	7-1/8	9-1/4	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH71925	--	x	7	7-1/8	9-1/4	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 9-1/2	BPH7195	--	x	12	7-1/8	9-1/2	3	--	2-3/8	4	6	16d	6	10d	3100	3100	3100	2370	--	3100	1275	
	HBPH7195	HB7.12/9.5	x	10	7-1/8	9-1/2	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM3595-2	--	x	7/10	7-1/8	9-1/2	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU7195	HWP7.12 H=9.5	x	7	7-1/8	9-1/2	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH7195	--	x	7	7-1/8	9-1/2	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 11-1/4	BPH71112	--	x	12	7-1/8	11-1/4	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH71112	HB7.12/11.25	x	10	7-1/8	11-1/4	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHXU71112	--	x	7	7-1/8	11-1/4	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH71112	--	x	7	7-1/8	11-1/4	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
7 x 11-7/8	BPH71118	--	x	12	7-1/8	11-7/8	3	--	2-3/16	4	6	16d	6	10d	3075	3075	3075	2350	--	3075	1275	
	HBPH71118	HB7.12/11.88	x	10	7-1/8	11-7/8	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4895	--	6185	2705	
	PHM35118-2	--	x	7/10	7-1/8	11-7/8	2-1/2	10	3	2	--	16d	2	10d	3390	3390	3390	2580	--	3390	--	
	PHXU71118	HWP7.12 H=11.875	x	7	7-1/8	11-7/8	3-1/4	13-1/8	2-1/2	4	4	16d	6	10d	5910	5910	5910	4525	--	5910	1120	
	HLBH71118	--	x	7	7-1/8	11-7/8	6	12	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	
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	2-3/4	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	2-3/4	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580	

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 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.