

Joist Size (in)	MiTek Stock No.	Ref. No.	Web Stiff Reqd	Ga	Dimensions (in)					Min/ Max	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	DF/SP 160%		
5-1/4 x 12	HBPH5512	--	x	10	5-1/2	12	3-1/2	--	3	--	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705	IBC, FL, LA	
	PHXU5512	--	x	7	5-1/2	12	3-1/4	11-1/2	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120		
	HLBH5512	--	x	7	5-9/16	12	6	12	2-3/4	--	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580		
5-1/4 x 14	BPHA5514	BA5.12/14		12	5-9/16	13-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
	HBPH5514	HB5.50/14	x	10	5-1/2	14	3-1/2	--	3	--	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705		
	PHM5514	--	x	7/10	5-5/8	14	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
	PHXU5514	HWP5.37 H=14, HWP5.37 H=14	x	7	5-1/2	14	3-1/4	11-1/2	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120		
	HLBH5514	HGLTV5.37 H=14	x	7	5-9/16	14	6	12	2-3/4	--	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580		
	BPHA5516	BA5.12/16		12	5-9/16	15-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
5-1/4 x 16	HBPH5516	HB5.50/16	x	10	5-1/2	16	3-1/2	--	3	--	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705		
	PHM5516	--	x	7/10	5-5/8	16	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
	PHXU5516	HWP5.37 H=16, HWP5.37 H=16	x	7	5-1/2	16	3-1/4	11-1/2	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120		
	HLBH5516	HGLTV5.37 H=16	x	7	5-9/16	16	6	12	2-3/4	--	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580		
	BPHA5518	BA5.12/18		12	5-9/16	17-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
5-1/4 x 18	HBPH5518	HB5.50/18	x	10	5-1/2	18	3-1/2	--	3	--	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705		
	PHM5518	--	x	7/10	5-5/8	18	2-1/2	7	3	--	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--		
	PHXU5518	HWP5.37 H=18	x	7	5-1/2	18	3-1/4	11-1/2	2-1/2	--	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120		
	HLBH5518	HGLTV5.37 H=18	x	7	5-9/16	18	6	12	2-3/4	--	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580		
	BPHA5520	BA5.12/20		12	5-9/16	19-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
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		
	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		
	BPHA5522	BA5.12/22		12	5-9/16	21-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
5-1/4 x 24	BPHA5524	BA5.12/24		12	5-9/16	23-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
5-1/4 x 26	BPHA5526	BA5.12/26		12	5-9/16	25-15/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4175	-- --	5270	245 1665		
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	BPHA71925	--		12	7-1/8	9-3/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4165	-- --	5270	245 1665		
	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		
	BPHA7195	--		12	7-1/8	9-7/16	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4165	-- --	5270	245 1665		
7 x 9-1/2	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		
	BPHA71112	--		12	7-1/8	11-1/8	3	--	2-7/16	Min Max	6	8	16d	2 8	10d x 1-1/2	5270	5270	5270	4145 4165	-- --	5270	245 1665		
7 x 11-1/4	HBPH71112	--	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		

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.

Vertical downward loads address hanger/header/fastener limitations only. Refer to the EWP manufacturer for joist limitations.