

Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)					Fastener Schedule ⁵					Allowable Loads Header Type (Lbs.) ^{1,3}						
					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
5-1/4 x 11-7/8	BPH55118	--	x	12	5-9/16	11-7/8	2-1/2	--	2-1/32	4	6	16d	6	10d	3050	3050	3050	2340	--	3050	1275
	HBP55118	HB5.50/11.88	x	10	5-1/2	11-7/8	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705
	PHM55118	--	x	7/10	5-5/8	11-7/8	2-1/2	7	3	2	--	16d	2	10d	3265	3265	3265	2480	--	3265	--
	PHXU55118	HWP5.37 H=11.875, HWP5.37 H=11.875	x	7	5-1/2	11-7/8	3-1/4	11-1/2	2-1/2	4	4	16d	6	10d	5910	5910	5910	4530	--	5910	1120
	HLBH55118	HGLTV5.37 H=11.875	x	7	5-9/16	11-7/8	6	12	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580
5-1/4 x 12	HBP5512	--	x	10	5-1/2	12	3-1/2	--	3	6	16	16d	10	16d	6185	6185	6185	4910	--	6185	2705
	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	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580
5-1/4 x 14	BPH5514	--	x	12	5-9/16	14	2-1/2	--	2-1/32	4	6	16d	6	10d	3050	3050	3050	2340	--	3050	1275
	HBP5514	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	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580
5-1/4 x 16	BPH5516	--	x	12	5-9/16	16	2-1/2	--	2-1/32	4	6	16d	6	10d	3050	3050	3050	2340	--	3050	1275
	HBP5516	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	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580
5-1/4 x 18	BPH5518	--	x	12	5-9/16	18	2-1/2	--	2-1/32	4	6	16d	6	10d	3050	3050	3050	2340	--	3050	1275
	HBP5518	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	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7680	--	10045	1580
5-1/4 x 20	HBP5520	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	3-1/8	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
	HBP71925	--	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	3-1/8	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
	HBP7195	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	3-1/8	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
	HBP71112	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	3-1/8	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
	HBP71118	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	3-1/8	3	12	NA16D-RS	6	16d	10045	10045	10045	7670	--	10045	1580

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 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.