

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%	
1-3/4 x 16	TFL1716	ITS1.81/16	--	18	1-3/4	16	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130	IBC, FL, LA	
	BPHA1716	BA1.81/16, MIT1.81/16		12	1-13/16	15-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	4235	4235	4235	2495	--	3580	245		
										Max				8		5130	5130	5130	3285	--	4475	1665		
PHM1716	WP1.81 H=16	x	7/10	1-13/16	16	2-1/2	7	3	--	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2140	--	3060	--			
2 - 2-1/8 x 9-1/2	TFL2095	ITS2.06/9.5	--	18	2-1/8	9-1/2	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA2095	BA2.1/9.5		12	2-1/8	9-7/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	4800	4800	4800	2815	--	4050	245		
										Max				8		5270	5270	5270	3600	--	4940	1665		
2 - 2-1/8 x 11-7/8	TFL20118	ITS2.06/11.88	--	18	2-1/8	11-7/8	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA20118	BA2.1/11.88		12	2-1/8	11-13/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	4800	4800	4800	2815	--	4050	245		
										Max				8		5270	5270	5270	3600	--	4940	1665		
2 - 2-1/8 x 14	TFL2014	ITS2.06/14	--	18	2-1/8	14	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA2014	BA2.1/14		12	2-1/8	13-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	4800	4800	4800	2815	--	4050	245		
										Max				8		5270	5270	5270	3600	--	4940	1665		
2 - 2-1/8 x 16	TFL2016	ITS2.06/16	--	18	2-1/8	16	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA2016	BA2.1/16		12	2-1/8	15-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	4800	4800	4800	2815	--	4050	245		
										Max				8		5270	5270	5270	3600	--	4940	1665		
2-1/4 - 2-5/16 x 9-1/2	TFL2395	ITS2.37/9.5	--	18	2-5/16	9-1/2	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA2395	BA2.37/9.5		12	2-3/8	9-7/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
2-1/4 - 2-5/16 x 11-7/8	TFL23118	ITS2.37/11.88	--	18	2-5/16	11-7/8	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA23118	BA2.37/11.88		12	2-3/8	11-13/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
2-1/4 - 2-5/16 x 14	TFL2314	ITS2.37/14	--	18	2-5/16	14	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	THO23140	--	--	18	2-3/8	14	2-3/8	--	2	--	4	8	10d	2	10d x 1-1/2	2400	2400	2400	1840	2400	2400	230		
	TFI3514	MIT3514	--	16	2-3/8	14	2-1/2	--	2-1/16	--	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215		
	BPHA2314	BA2.37/14		12	2-3/8	13-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
PHM2314	WP2.37 H=14	x	7/10	2-3/8	14	2-1/2	7	3	--	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--			
2-1/4 - 2-5/16 x 16	TFL2316	ITS2.37/16	--	18	2-5/16	16	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	TFI3516	MIT3516	--	16	2-3/8	16	2-1/2	--	2-1/16	--	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215		
	BPHA2316	BA2.37/16		12	2-3/8	15-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
PHM2316	WP2.37 H=16	x	7/10	2-3/8	16	2-1/2	7	3		2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--			
2-1/4 - 2-5/16 x 18	TFI3518	MIT3518	--	16	2-3/8	18	2-1/2	--	2-1/16	--	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215		
	BPHA2318	BA2.37/18		12	2-3/8	17-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
PHM2318	WP2.37 H=18	x	7/10	2-3/8	18	2-1/2	7	3	--	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--			
2-1/4 - 2-5/16 x 20	TFI3520	MIT3520	--	16	2-3/8	20	2-1/2	--	2-1/16	--	4	2	16d	2	10d x 1-1/2	2715	2715	2715	2080	--	2715	215		
	BPHA2320	BA2.37/20		12	2-3/8	19-15/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3210	--	4635	245		
										Max				8		5270	5270	5270	4000	--	5270	1665		
PHM2320	WP2.37 H=20	x	7/10	2-3/8	20	2-1/2	7	3	--	2	--	16d	2	10d x 1-1/2	3335	3335	3335	2535	--	3335	--			
2-1/2 x 9-1/4	TFL25925	--	--	18	2-1/2	9-1/4	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA25925	BA2.56/9.25		12	2-9/16	9-3/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3450	--	4985	245		
										Max				8					4210	--	5270	1665		
2-1/2 x 9-3/8	TFL25938	--	--	18	2-1/2	9-3/8	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
2-1/2 x 9-1/2	TFL2595	ITS2.56/9.5	--	18	2-9/16	9-7/16	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA2595	BA2.56/9.5		12	2-9/16	9-7/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3450	--	4985	245		
										Max				8					4210	--	5270	1665		
2-1/2 x 11-1/4	TFL25112	--	--	18	2-1/2	11-1/4	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	BPHA25112	BA2.56/11.25		12	2-9/16	11-3/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3450	--	4985	245		
										Max				8					4210	--	5270	1665		
2-1/2 x 11-7/8	TFL25118	ITS2.56/11.88	--	18	2-9/16	11-13/16	2	--	1-1/2	--	4	2	10d	2	10d x 1-1/2	1585	1585	1585	1215	1245	1585	130		
	THO25118	MIT311.88	--	16	2-9/16	11-7/8	2-3/8	--	1-15/16	--	4	6	10d	2	10d x 1-1/2	2370	2370	2370	2095	1835	2370	230		
	BPHA25118	BA2.56/11.88		12	2-9/16	11-13/16	3	--	2-7/16	Min	6	8	16d	2	10d x 1-1/2	5270	5270	5270	3450	--	4985	245		
Max										8				4210					--	5270	1665			