

Joist Size (in)	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ⁴				DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)			
				W	H1	H2	L	Header		Joist		Download ¹			Uplift 160% ²	Download ¹			Uplift 160% ²
								Face Qty	Type	Qty	Type	100%	115%	125%		100%	115%	125%	
3-1/2 x 9-1/4	FWHFM35925	--	12	3-9/16	9-1/16	13-9/16	4-11/16	40	10d	18	10d x 1-1/2	5960	6625	7050	2820	5245	5600	5765	2290
3-1/2 x 9-1/2	FWHFM3595				9-5/16	13-13/16													
3-1/2 x 11-7/8	FWHFM35118				11-11/16	16-3/16													
3-1/2 x 14	FWHFM3514				13-13/16	18-5/16													
3-1/2 x 16	FWHFM3516				15-13/16	20-5/16													
3-1/2 x 18	FWHFM3518				17-13/16	22-5/16													
3-1/2 x 20	FWHFM3520				19-13/16	24-5/16													
3-1/2 x 22	FWHFM3522				21-13/16	26-5/16													
3-1/2 x 24	FWHFM3524				23-13/16	28-5/16													
4 - 4-3/16 x 9-1/4	FWHFM42925	--	12	4-3/16	9-1/16	13-9/16	5-5/16	40	10d	18	10d x 1-1/2	5960	6625	7050	2820	5245	5830	6205	2280
4 - 4-3/16 x 9-1/2	FWHFM4295				9-5/16	13-13/16													
4 - 4-3/16 x 11-7/8	FWHFM42118				11-7/16	15-15/16													
4 - 4-3/16 x 14	FWHFM4214				13-5/8	18-1/8													
4 - 4-3/16 x 16	FWHFM4216				15-5/8	20-1/8													
4 - 4-3/16 x 18	FWHFM4218				17-5/8	22-1/8													
4 - 4-3/16 x 20	FWHFM4220				19-5/8	24-1/8													
4 - 4-3/16 x 22	FWHFM4222				21-5/8	26-1/8													
4 - 4-3/16 x 24	FWHFM4224				23-5/8	28-1/8													
5-1/4 x 9-1/4	FWHFM52925	--	12	5-3/8	9-1/16	13-9/16	6-1/2	40	10d	18	10d x 1-1/2	5960	6625	7050	2820	5245	5830	6205	2270
5-1/4 x 9-1/2	FWHFM5295				9-5/16	13-13/16													
5-1/4 x 11-7/8	FWHFM52118				11-5/8	16-1/8													
5-1/4 x 14	FWHFM5214				13-13/16	18-5/16													
5-1/4 x 16	FWHFM5216				15-13/16	20-5/16													
5-1/4 x 18	FWHFM5218				17-13/16	22-5/16													
5-1/4 x 20	FWHFM5220				19-23/28	24-5/16													
5-1/4 x 22	FWHFM5222				21-13/16	26-5/16													
5-1/4 x 24	FWHFM5224				23-13/16	28-5/16													
7 x 11-7/8	FWHFM71118	--	12	7-1/8	11-11/16	16-3/16	8-1/4	40	10d	18	10d x 1-1/2	5960	6085	6085	2820	5245	5605	5605	2260
7 x 14	FWHFM7114				13-13/16	18-5/16													
7 x 16	FWHFM7116				15-13/16	20-5/16													
7 x 18	FWHFM7118				17-13/16	22-5/16													
7 x 20	FWHFM7120				19-13/16	24-5/16													
7 x 22	FWHFM7122				21-13/16	26-5/16													
7 x 24	FWHFM7124				23-13/16	28-5/16													

1) Download allowable load is for attachment to the wide face of a supporting column.

2) Uplift loads have been increased 60% for wind or seismic loads. No further increase shall be permitted.

3) Distance from the supported member to the edge of the header support flange is 9/16".

4) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long.