

Joist Material & Width	MiTek Stock No.	Ref. No.	Dimensions (in)		Min H _{eff} ² (in)	Mounting Condition ³	Skew Angle (degrees)	Fastener Schedule ⁴					DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)			
			Carrying Member					Carried Member		Floor		Roof		Uplift ¹	Floor		Roof		Uplift ¹	
			Top Qty	Face Qty				Type	Qty	Type	100%	115%	125%	160%	100%	115%	125%	160%		
2x Trusses	MSHA29L/R	THASR/L29	1-5/8	10-3/4	7-1/4	face-max	22-1/2	--	12	10d	7	10d x 1-1/2	1500	1615	1615	975	1250	1275	1275	770
							23 to 45	--	12	10d	4	10d x 1-1/2	1485	1485	1485	560	1250	1350	1350	435
							46 to 75	--	12	10d	4	10d x 1-1/2	1500	1615	1615	720	1250	1315	1315	560
					5-1/2	top-max	22-1/2	4	8	10d	7	10d x 1-1/2	1985	1985	1985	975	1510	1510	1510	745
							23 to 45	4	8	10d	4	10d x 1-1/2	1705	1705	1705	560	1255	1255	1255	415
							46 to 75	4	8	10d	4	10d x 1-1/2	1605	1605	1605	720	1605	1605	1605	560
						top-min	22-1/2	4	4	10d	7	10d x 1-1/2	1350	1350	1350	--	1045	1045	1045	--
							23 to 45	4	4	10d	4	10d x 1-1/2	1335	1335	1335	--	1060	1060	1060	--
							46 to 75	4	4	10d	4	10d x 1-1/2	695	695	695	--	695	695	695	--
2-2x Trusses	MSHA29L/R-2	THASR/L29-2	3-1/8	10-3/4	7-1/4	face-max	22-1/2	--	12	10d	7	10d	1500	1615	1615	975	1215	1215	1215	735
							23 to 45	--	12	10d	4	10d	1485	1485	1485	560	1210	1260	1260	405
							46 to 75	--	12	10d	4	10d	1500	1615	1615	720	1250	1300	1300	555
					5-1/2	top-max	22-1/2	4	8	10d	7	10d	1985	1985	1985	975	1495	1495	1495	735
							23 to 45	4	8	10d	4	10d	1705	1705	1705	560	1275	1275	1275	420
							46 to 75	4	8	10d	4	10d	1605	1605	1605	720	1565	1565	1565	535
						top-min	22-1/2	4	4	10d	7	10d	1350	1350	1350	--	1040	1040	1040	--
							23 to 45	4	4	10d	4	10d	1335	1335	1335	--	1060	1060	1060	--
							46 to 75	4	4	10d	4	10d	695	695	695	--	695	695	695	--
4x Trusses	MSHA422L/R	THASR/L422	3-5/8	22	7-1/4	face-max	22-1/2	--	12	10d	7	10d	1500	1590	1590	960	1250	1250	1250	755
							23 to 45	--	12	10d	4	10d	1485	1485	1485	550	1250	1335	1335	430
							46 to 75	--	12	10d	4	10d	1500	1615	1615	705	1250	1300	1300	555
					5-1/2	top-max	22-1/2	4	8	10d	7	10d	1955	1955	1955	960	1490	1490	1490	735
							23 to 45	4	8	10d	4	10d	1680	1680	1680	550	1270	1270	1270	420
							46 to 75	4	8	10d	4	10d	1605	1605	1605	705	1565	1565	1565	535
						top-min	22-1/2	4	4	10d	7	10d	1330	1330	1330	--	1040	1040	1040	--
							23 to 45	4	4	10d	4	10d	1335	1335	1335	--	1060	1060	1060	--
							46 to 75	4	4	10d	4	10d	695	695	695	--	695	695	695	--

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) H_{eff} is the minimum distance from the top of the hanger seat to the top of the carrying member.

3) For tabulated top-mount installation loads, the straps must be wrapped over the header a minimum of 2".

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.