

Pre-Engineered Load Tables

6" ModTruss Steel Truss Series - MT-TR-06

Steel Modular Truss 6" WITH SPLICE PLATE - Maximum Superimposed Loads Excluding Self Weight							
Span (feet)	Self Weight	Uniformly Distributed Load	Total Load	Load x1	Load x2	Load x3	Load x4
5	48	895	5483	7277	3957	2583	1943
10	95	224	2520	3946	2144	1387	1152
15	143	100	1549	1609	1168	714	564
20	190	56	1179	1761	829	684	585
25	238	36	923	1148	771	491	382
30	285	25	771	1111	766	466	359

Steel Modular Truss 6" - Maximum Superimposed Loads Including Self Weight												
Span (feet)	Self Weight	Uniformly Distributed			Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads	
		Uniformly Distributed Load	Total Load	Max. Deflection	Load x1	Max Deflection	Load x2	Max Deflection	Load x3	Max Deflection	Load x4	Max Deflection
5	48	1893	9487	0.09	4469	0.08	3118	0.09	2113	0.09	1603	0.10
10	95	497	5013	0.35	2350	0.29	1619	0.32	1214	0.34	982	0.35
15	143	148	2276	0.90	1244	1.14	836	1.29	584	0.88	486	1.31
20	190	107	2216	1.27	822	1.13	740	1.28	576	1.23	466	1.26
25	238	55	1465	1.86	699	1.64	498	1.93	349	1.90	278	1.94
30	285	40	1328	2.87	639	2.60	433	2.89	306	2.86	255	2.44

*Average of two Engineering Firms