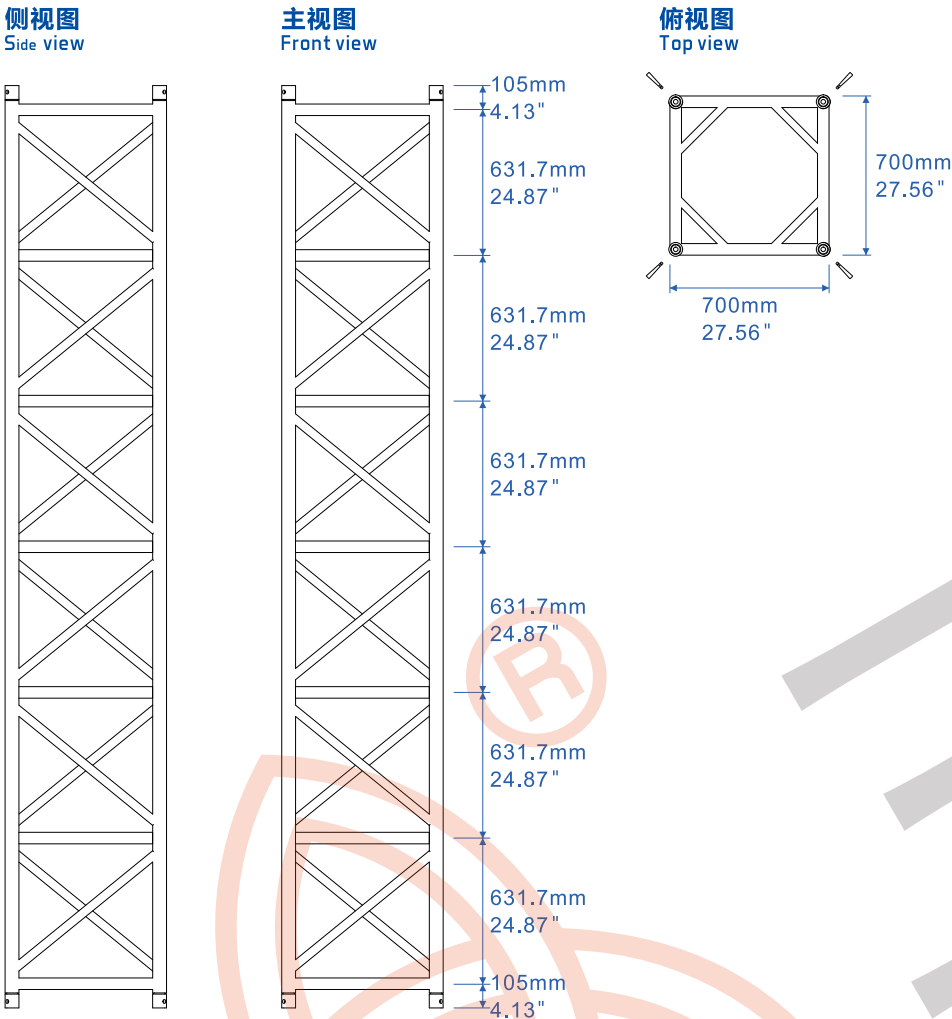


插销桁架立柱系列
Quick Mount Tower Series

TD-Q70S-60TW



规格 Dimensions			
形状 Shape	正方形 Square	正方形 Square	
材质 Material	EN AW 6082 T6	EN AW 6082 T6	
主管 Main Tubes	60 x 5mm	2.36 x 0.20 in	
副管 Braces	38 x 2.5 mm	1.50 x 0.10 in	
重量 Weight	≈ 20.5 kg/m	≈ 9.29 lbs/ft	
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg			

TD-Q70S-60TW 铝合金桁架允许荷载表
ALLOWABLE LOADING

跨度		平均分布负载UDL		下垂值		中心点负载CPL		下垂值		三段单点负载TPL		四段单点负载QPL		五段单点负载FPL		自重
SPAN		Uniformly Distributed Load		DEFLECTION		Centre Point Load		DEFLECTION		single load third points		single load fourth points		single load fifth points		total weight
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	kg
2	6.6	4500	3028.6	2.3	0.091	11980	26445.9	2.4	0.094	8260	18234.0	6680	14746.1	4620	10198.7	41.0
4	13.1	2860	1924.8	3.5	0.138	10240	22604.9	3.9	0.154	7820	17262.7	6360	14039.7	4250	9381.9	82.0
6	19.7	1750	1177.8	5.6	0.220	8290	18300.2	5.8	0.228	6950	15342.2	5630	12428.3	3870	8543.0	124.0
8	26.2	1140	767.2	7.0	0.276	7850	17328.9	7.6	0.299	5150	11368.7	4320	9536.4	2990	6600.4	166.0
10	32.8	920	619.2	10.2	0.402	6300	13907.3	10.8	0.425	4210	9293.6	3620	7991.2	2450	5408.4	208.0
12	39.4	685	461.0	12.6	0.496	4650	10264.9	12.9	0.508	2960	6534.2	2410	5320.1	1750	3863.1	250.0
14	45.9	420	282.7	15.4	0.606	3180	7019.9	16.4	0.646	2700	5960.3	2200	4856.5	1260	2781.5	292.0
16	52.5	264	177.7	19.3	0.760	2500	5518.8	20.1	0.791	2010	4437.1	1600	3532.0	960	2119.2	334.0
18	59.0	198	133.3	21.1	0.831	1580	3487.9	23.8	0.937	1152	2543.0	1020	2251.7	666	1470.2	376.0
20	65.6	125	84.1	23.4	0.921	1250	2759.4	25.4	1.000	980	2163.4	735	1622.5	532	1174.4	418.0
22	72.2	86	57.9	32.3	1.272	820	1810.2	35.4	1.394	680	1501.1	510	1125.8	465	1026.5	460.0
24	78.7	52	35.0	42.3	1.665	615	1357.6	46.7	1.839	545	1203.1	435	960.3	318	702.0	502.0
26	85.3	38	25.6	52.0	2.047	520	1147.9	59.6	2.346	420	927.2	296	653.4	286	631.3	544.0
28	91.8	24	16.2	61.8	2.433	410	905.1	64.8	2.551	275	607.1	262	578.4	257	567.3	586.0
30	98.4	20	13.5	69.3	2.728	360	794.7	72.5	2.854	250	551.9	235	518.8	165	364.2	628.0
32	105.0	18	12.1	82.5	3.248	298	657.8	87.6	3.449	210	463.6	145	320.1	136	300.2	670.0
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg																

- 加载数据只适用于静态负荷和两个支撑点。
- 表中所列荷载均为恒荷载，未考虑动力系数。
- 加载数据基于BS-7905-2/ANSI E1.2-2006/CWA 15902-2, GB/T5237。在考虑安全因素时，加载数据应增加0.8。
- 桁架的自重已考虑。
- 适用桁架高度700mm, 弦杆为Φ60*5mm圆管, 腹杆Φ38*2.5mm圆管。
- **特别注意:** 超过20米的结构，如果由多个部分组合起来而构成的总长度，将会造成10 - 15%弯曲的可能性(在同等荷载的条件下)。允许偏差，负载数据不变。
- Loading figures only valid for static loads and spans with two supporting points.
- Spans must be supported at each end.
- If dynamic loads or wind loads are involved, or more supporting points are applied, contact Trinity Customer Service for details.
- Loading figures are based on BS 7905-2/ANSI E1.2-2006/CWA 15902-2, GB/T5237. The loading data should multiply 0.8 for Safety factor consideration.
- The self-weight of the trusses has already been taken into account.
- Suitable for trusses with design height of 700mm, Main tubing Φ 60 * 5mm, square tubing Φ 38 * 2.5mm.
- Special attention to structure over 20m, if multiple sections combined to make up the total length: Additional Reflection 10 to 15%deflection should be allowed, the allowable loading unchanged.