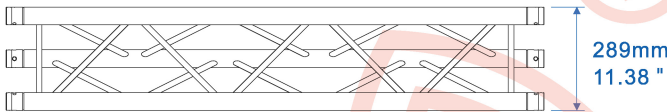


插销桁架系列
Quick Mount Series

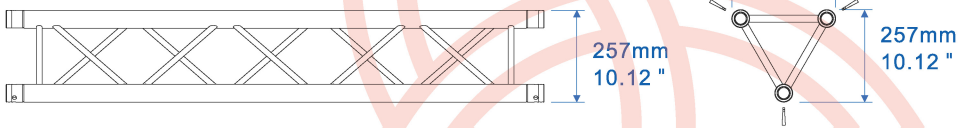
TD-Q29T



俯视图
Top view



侧视图
Side view



规格 Dimensions		
形状 Shape	三角形 Triangle	三角形 Triangle
材质 Material	EN AW 6082 T6	EN AW 6082 T6
主管 Main Tubes	50 x 3 mm	1.97 x 0.12 in
副管 Braces	20 x 2 mm	0.79 x 0.08 in
重量 Weight	≈ 5.2 kg/m	≈ 3.50 lbs/ft
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg		

TD-Q29T 铝合金桁架允许荷载表
ALLOWABLE LOADING

跨度 SPAN		平均分布荷载UDL Uniformly Distributed Load		下垂值 DEFLECTION		中心点荷载CPL Centre Point Load		下垂值 DEFLECTION		三段单点荷载TPL single load third points		四段单点荷载QPL single load fourth points		五段单点荷载FPL single load fifth points		自重 total weight
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	kg
1	3.3	1720	1157.6	0.8	0.031	1730	3819.0	0.7	0.028	1060	2340.0	720	1589.4	532	1174.4	5.2
2	6.6	892	600.3	1.3	0.051	1780	3929.4	1.2	0.047	1002	2211.9	705	1556.3	521	1150.1	10.4
3	9.8	620	417.3	2.0	0.079	1775	3918.3	1.8	0.071	965	2130.2	665	1468.0	498	1099.3	15.6
4	13.1	486	327.1	3.0	0.118	1315	2902.9	2.9	0.114	945	2086.1	642	1417.2	472	1041.9	20.8
5	16.4	370	249.0	4.6	0.181	1168	2578.4	4.3	0.169	852	1880.8	572	1262.7	420	927.2	26.0
6	19.7	350	235.6	6.2	0.244	950	2097.1	6.0	0.236	695	1534.2	472	1041.9	395	872.0	31.2
7	23.0	223	150.1	7.5	0.295	800	1766.0	7.0	0.276	586	1293.6	402	887.4	350	772.6	36.4
8	26.2	170	114.4	9.0	0.354	689	1521.0	8.5	0.335	524	1156.7	372	821.2	300	662.3	41.6
9	29.5	136	91.5	10.2	0.402	608	1342.2	9.6	0.378	462	1019.9	316	697.6	276	609.3	46.8
10	32.8	108	72.7	15.6	0.614	550	1214.1	14.2	0.559	390	860.9	285	629.1	230	507.7	52.0
11	36.1	92.0	61.9	18.3	0.720	475	1048.6	17.0	0.669	368	812.4	246	543.0	202	445.9	57.2
12	39.4	75.6	50.9	20.5	0.807	450	993.4	18.6	0.732	332	732.9	221	487.9	176	388.5	62.4
13	42.6	62.5	42.1	22.9	0.902	405	894.0	20.6	0.811	306	675.5	203	448.1	162	357.6	67.6
14	45.9	55.2	37.2	25.9	1.020	382	843.3	23.8	0.937	295	651.2	186	410.6	148	326.7	72.8
15	49.2	46.3	31.2	30.9	1.217	341	752.8	28.5	1.122	262	578.4	170	375.3	128	282.6	78.0
16	52.5	41.5	27.9	42.5	1.673	312	688.7	40.0	1.575	235	518.8	154	340.0	118	260.5	83.2
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257mm, 弦杆为Φ50*3mm圆管, 腹杆为Φ20*2mm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 257mm, Main tubing Φ 50 * 3mm, brace tubing Φ 20 * 2mm.
- 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 .