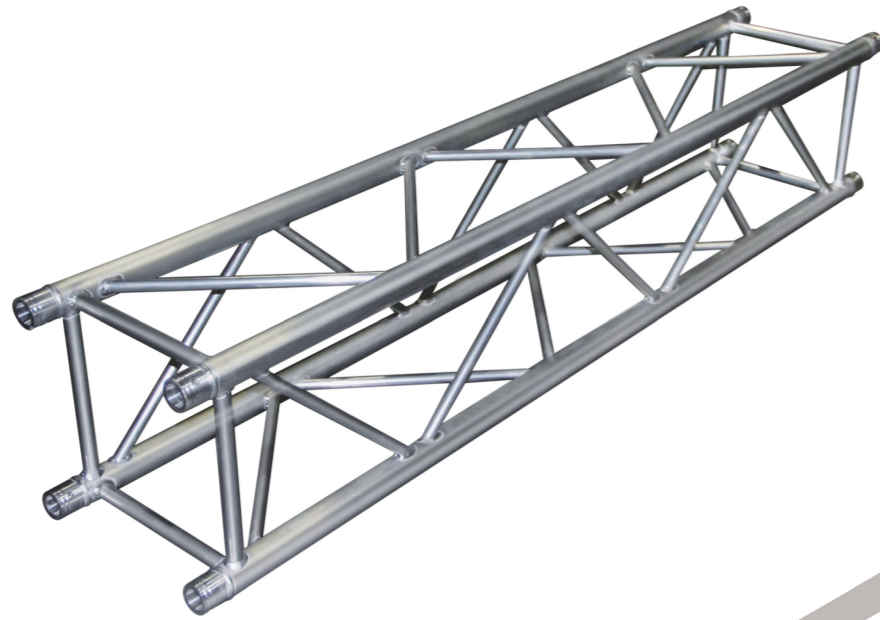
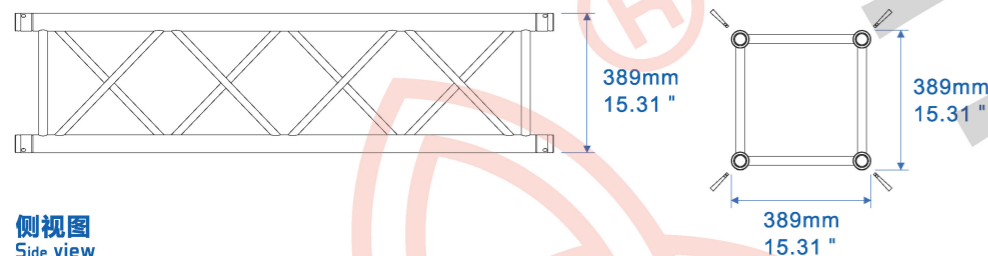


插销桁架系列 Quick Mount Series

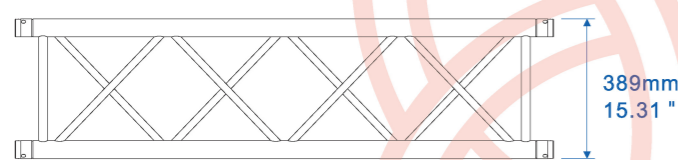
TD-Q39S2



俯视图
Top view



侧视图
Side view



规格 Dimensions

| 形状 Shape | 四方形 Square | 四方形 Square |
|--------------------|-----------------------|---------------------------------|
| 材质 Material | EN AW 6002 T6 | EN AW 6002 T6 |
| 主管 Main Tubes | 50 x 2 mm | 1.97 x 0.08 in |
| 副管 Braces | 25 x 2 mm / 20 x 2 mm | 0.98 x 0.12 in / 0.79 x 0.08 in |
| 配件 Coupling System | P-5 | |
| 重量 Weight | ≈ 5.5 kg/m | ≈ 3.70 lbs/ft |

1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs = 0.453kg

TD-Q39S2 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 | | 中心点荷载CPL Centre Point Load | | 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 | kg | lbs | kg | lbs | kg | lbs | | kg | | | | | |
| 3 | 9.8 | 805.3 | 542.0 | 0.6 | 1427.0 | 3150.1 | 0.5 | 924.5 | 2040.8 | 0.6 | 737.2 | 1627.4 | 0.6 | 604.0 | 1333.3 | 0.6 | 16.5 |
| 4 | 13.1 | 602.7 | 405.6 | 1.1 | 1174.7 | 2593.2 | 0.9 | 765.8 | 1690.5 | 1.1 | 629.4 | 1389.4 | 1.1 | 514.8 | 1136.4 | 1.1 | 22.0 |
| 5 | 16.4 | 439.5 | 295.8 | 1.7 | 996.5 | 2199.8 | 1.4 | 662.8 | 1463.1 | 1.8 | 549.3 | 1212.6 | 1.6 | 433.3 | 956.5 | 1.8 | 27.5 |
| 6 | 19.7 | 303.7 | 204.4 | 2.5 | 863.8 | 1906.8 | 1.9 | 583.3 | 1287.6 | 2.6 | 455.5 | 1005.5 | 2.4 | 373.3 | 824.1 | 2.6 | 33.0 |
| 7 | 23.0 | 221.8 | 149.3 | 3.4 | 760.8 | 1679.5 | 2.6 | 520.0 | 1147.9 | 3.5 | 388.1 | 856.7 | 3.2 | 323.5 | 714.1 | 3.5 | 38.5 |
| 8 | 26.2 | 168.7 | 113.5 | 4.4 | 674.6 | 1489.2 | 3.4 | 468.3 | 1033.8 | 4.5 | 337.3 | 744.6 | 4.2 | 281.1 | 620.5 | 4.5 | 44.0 |
| 9 | 29.5 | 132.2 | 89.0 | 5.6 | 595.0 | 1313.5 | 4.3 | 425.2 | 938.6 | 5.8 | 297.5 | 656.7 | 5.3 | 247.9 | 547.2 | 5.8 | 49.5 |
| 10 | 32.8 | 106.2 | 71.5 | 6.9 | 530.8 | 1171.7 | 5.3 | 388.6 | 857.8 | 7.1 | 265.4 | 585.9 | 6.6 | 221.2 | 488.3 | 7.1 | 55.0 |
| 11 | 36.1 | 86.9 | 58.5 | 8.4 | 477.8 | 1054.7 | 6.4 | 357.1 | 788.3 | 8.6 | 238.9 | 527.4 | 8.0 | 199.1 | 439.5 | 8.6 | 60.5 |
| 12 | 39.4 | 72.2 | 48.6 | 10.0 | 433.2 | 956.3 | 7.7 | 324.9 | 717.2 | 10.2 | 216.6 | 478.1 | 9.5 | 180.5 | 398.5 | 10.2 | 66.0 |
| 13 | 42.6 | 60.8 | 40.9 | 11.7 | 395.2 | 872.4 | 9.0 | 296.4 | 654.3 | 12.0 | 197.6 | 436.2 | 11.1 | 164.6 | 363.4 | 12.0 | 71.5 |
| 14 | 45.9 | 51.7 | 34.8 | 13.6 | 362.2 | 799.6 | 10.4 | 271.6 | 599.6 | 13.9 | 181.1 | 399.8 | 12.9 | 150.9 | 333.1 | 13.9 | 77.0 |
| 15 | 49.2 | 44.4 | 29.9 | 15.6 | 333.2 | 735.5 | 12.0 | 249.9 | 551.7 | 16.0 | 166.6 | 367.8 | 14.8 | 138.8 | 306.4 | 16.0 | 82.5 |
| 16 | 52.5 | 38.5 | 25.9 | 17.8 | 307.6 | 679.0 | 13.6 | 230.7 | 509.3 | 18.2 | 153.8 | 339.5 | 16.9 | 128.2 | 283.0 | 18.2 | 88.0 |
| 17 | 55.8 | 33.5 | 22.5 | 20.1 | 284.7 | 628.5 | 15.4 | 213.5 | 471.3 | 20.5 | 142.4 | 314.3 | 19.1 | 118.6 | 261.8 | 20.5 | 93.5 |
| 18 | 59.0 | 29.3 | 19.7 | 22.5 | 264.1 | 583.0 | 17.2 | 198.1 | 437.3 | 23.0 | 132.0 | 291.4 | 21.4 | 110.0 | 242.8 | 23.0 | 99.0 |
| 19 | 62.3 | 25.8 | 17.4 | 25.1 | 245.4 | 541.7 | 19.2 | 184.0 | 406.2 | 25.6 | 122.7 | 270.9 | 23.8 | 102.2 | 225.7 | 25.6 | 104.5 |
| 20 | 65.6 | 22.8 | 15.3 | 27.8 | 228.3 | 504.0 | 21.3 | 171.2 | 377.9 | 28.4 | 114.1 | 251.9 | 26.4 | 95.1 | 209.9 | 28.4 | 110.0 |

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。
- 表中所有荷载均为恒荷载，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389mm，弦杆为Φ50*2mm圆管，腹杆为Φ25*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 389mm, Main tubing Φ 50 * 2mm, brace tubing Φ 25 * 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.



Test Report No. 2436661-41

Mark Certificate No. 16.09.9816.004

TUV certification only valid for loading table above

TUV认证只适用于以上表格。