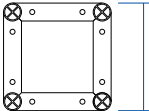
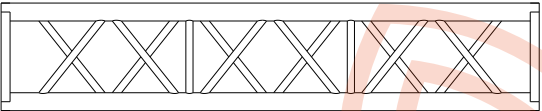


螺栓桁架系列
Bolt-mounted Series

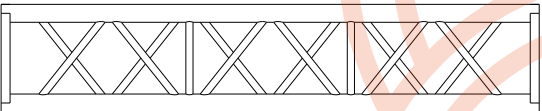
TD-BC25S



俯视图
Top view



侧视图
Side view



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	50 x 3 mm Cross Pipe (十字芯)	1.97 x 0.12 in Cross Pipe (十字芯)
副管 Braces	20 x 2 mm	0.79 x 0.08 in
重量 Weight	≈ 6.0 kg/m	≈ 4.04 lbs/ft
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg		

TD-BC25S 铝合金桁架允许荷载表
ALLOWABLE LOADING

跨度		平均分布荷载UDL		下垂值		中心点荷载CPL		下垂值		三段单点荷载TPL		四段单点荷载QPL		五段单点荷载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
1	3.3	381.8	256.9	1	0.04	381.8	842.6	1	0.04	190.9	421.3	126.9	280.1	95.4	210.6	6
2	6.6	189.8	127.7	3	0.12	379.7	837.9	3	0.12	189.8	419.0	125.9	277.8	94.9	209.5	12
3	9.8	125.9	84.7	8	0.32	346.4	764.5	6	0.24	188.8	416.6	124.8	275.4	94.4	208.3	18
4	13.1	93.9	63.2	14	0.55	258.0	569.3	11	0.43	187.7	414.3	123.8	273.1	93.9	207.2	24
5	16.4	74.7	50.2	22	0.87	204.5	451.3	17	0.67	153.4	338.5	102.2	225.6	84.9	187.3	30
6	19.7	56.2	37.8	31	1.22	168.5	371.8	25	0.98	126.4	278.9	84.2	185.9	69.9	154.3	36
7	23.0	40.7	27.4	43	1.69	142.5	314.4	34	1.34	106.8	235.8	71.2	157.2	59.1	130.5	42
8	26.2	30.7	20.6	56	2.20	122.7	270.8	45	1.77	92.0	203.1	61.3	135.4	50.9	112.4	48
9	29.5	23.8	16.0	71	2.79	107.1	236.3	57	2.24	80.3	177.2	53.5	118.1	44.4	98.1	54
10	32.8	18.9	12.7	87	3.43	94.4	208.3	70	2.76	710.8	156.2	47.2	104.1	39.2	86.4	60
11	36.1	15.2	10.2	106	4.17	83.8	184.9	85	3.35	62.8	138.7	41.9	92.5	34.8	76.7	66
12	39.4	12.5	8.4	126	4.96	74.8	165.1	101	3.98	56.1	128.8	37.4	82.5	31.0	68.5	72.
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250mm, 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 250mm, 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 .