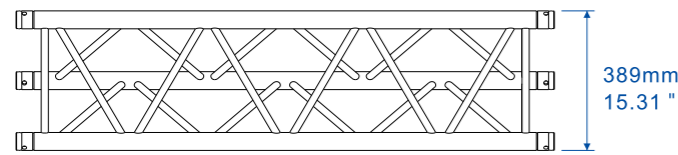


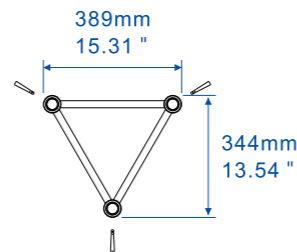
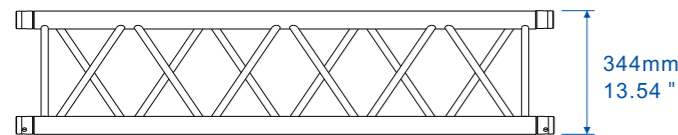
TD-Q39T



Top view



Side view



Dimensions TD-Q39T

Shape	Triangle	Triangle
Material	EN AW 6082 T6	EN AW 6082 T6
Main Tubes (chords)	50 x 3mm	1.97 x 0.12in
Braces	25 x 2 mm	0.98 x 0.08 in
Weight	≈6.0kg/m	≈4.04lbs/ft

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

TD-Q39T ALLOWABLE LOADING

SPAN	Uniformly Distributed Load		DEFLECTION		Centre Point Load		DEFLECTION		single load third points		single load fourth points		single load fifth points		SPAN	
					kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs		
3	9.8	1367.1	920.1	1.5	0.059	2050.6	4526.7	1.2	0.047	1538.0	3395.1	1025.3	2263.4	820.3	1810.8	18.0
4	13.1	769.0	517.6	2.6	0.102	1538.0	3395.1	2.1	0.083	1153.5	2546.4	769.0	1697.6	615.2	1358.1	24.0
5	16.4	492.2	331.3	4.1	0.161	1230.4	2716.1	3.3	0.130	922.8	2037.1	615.2	1358.1	492.2	1086.5	30.0
6	19.7	341.8	230.0	5.9	0.232	1025.3	2263.4	4.7	0.185	769.0	1697.6	512.7	1131.8	410.1	905.3	36.0
7	23.0	251.1	169.0	8.0	0.315	878.8	1940.0	6.4	0.252	659.1	1455.0	439.4	970.0	351.5	775.9	42.0
8	26.2	192.2	129.4	10.4	0.409	769.0	1697.6	8.3	0.327	576.7	1273.1	384.5	848.8	307.6	679.0	48.0
9	29.5	151.9	102.2	13.2	0.520	683.5	1508.8	10.5	0.413	512.7	1131.8	341.8	754.5	273.4	603.5	54.0
10	32.8	123.0	82.8	16.3	0.642	615.2	1358.1	13.0	0.512	461.4	1018.5	307.6	679.0	246.1	543.3	60.0
11	36.1	101.7	68.4	19.7	0.776	559.3	1234.7	15.7	0.618	419.4	925.8	279.6	617.2	223.7	493.8	66.0
12	39.4	85.4	57.5	23.4	0.921	512.7	1131.8	18.7	0.736	384.5	848.8	256.3	565.8	205.1	452.8	72.0
13	42.6	72.8	49.0	27.5	1.083	473.2	1044.6	22.0	0.866	354.9	783.4	236.6	522.3	189.3	417.9	78.0
14	45.9	62.8	42.3	31.9	1.256	439.4	970.0	25.5	1.004	329.6	727.6	219.7	485.0	175.8	388.1	84.0
15	49.2	54.7	36.8	36.6	1.441	410.1	905.3	29.3	1.154	307.6	679.0	205.1	452.8	164.1	362.3	90.0
16	52.5	48.1	32.4	41.6	1.638	384.5	848.8	33.3	1.311	288.4	636.6	192.2	424.3	153.8	339.5	96.0
17	55.8	42.6	28.7	47.0	1.850	361.9	798.9	37.6	1.480	271.4	599.1	180.9	399.3	144.8	319.6	102.0
18	59.0	38.0	25.6	52.7	2.075	341.8	754.5	42.1	1.657	256.3	565.8	170.9	377.3	136.7	301.8	108.0
19	62.3	34.1	22.9	58.7	2.311	323.8	714.8	47.0	1.850	242.8	536.0	161.9	357.4	129.5	285.9	114.0
20	65.6	30.8	20.7	65.0	2.559	307.6	679.0	52.0	2.047	230.7	509.3	153.8	339.5	123.0	271.5	120.0
21	68.9	27.9	18.8	71.7	2.823	292.9	646.6	57.4	2.260	219.7	485.0	146.5	323.4	117.2	258.7	126.0
22	72.2	25.4	17.1	78.7	3.098	279.6	617.2	63.0	2.480	209.7	462.9	139.8	308.6	111.9	247.0	132.0
23	75.4	23.3	15.7	86.0	3.386	267.5	590.5	68.8	2.709	200.6	442.8	133.7	295.1	107.0	236.2	138.0
24	78.7	21.4	14.4	93.6	3.685	256.3	565.8	74.9	2.949	192.2	424.3	128.2	283.0	102.5	226.3	144.0

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

- 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 344mm, Main tubing Ø50 * 3mm, brace tubing Ø25 * 2mm.