






Triangle - M39T

Code	Length
135002	25 cm
135004	50 cm
135005	81 cm
135006	100 cm
135008	200 cm
135010	300 cm
135012	400 cm

-  5.5 Kg/m
-  (RFID) READY
-  M
-  P.100
-  ALU/BLACK

Load table M39T


Span m	CPL kg	Deflection mm	2 x load kg	Deflection mm	3 x load kg	Deflection mm	4 x load kg	Deflection mm	UDL kg/m	Deflection mm
2.0	1446.7	2	1013.7	3	725.9	3	544.4	3	1088.8	3
4.0	830.6	9	578.5	11	449.9	11	355.1	11	490.9	11
6.0	577.7	20	411.7	26	305.2	24	245.1	26	215.7	25
8.0	438.6	36	316.9	46	228.6	42	185.3	46	119.3	45
10.0	349.6	56	255.2	71	180.6	66	147.4	71	74.8	70
12.0	287.1	80	211.4	102	147.5	95	121.0	102	50.5	100
14.0	240.4	109	178.4	139	122.9	129	101.2	139	35.9	136
16.0	203.7	143	152.3	182	103.8	169	85.8	182	26.5	178
20.0	148.9	223	113.1	284	75.5	264	62.9	284	15.3	278

Cantilever load

Span m	1 x Load kg	Deflection mm	UDL kg/m	Deflection mm
0.5	1092.2	0	2182.2	0
1.0	722.5	1	1088.8	1
1.5	527.3	3	610.0	3
2.0	414.1	8	359.0	5
2.5	340.0	15	241.5	8
3.0	287.6	27	173.2	12
3.5	248.4	43	130.0	17
4.0	217.9	64	100.8	23

Multiple supported span

Span m	CPL kg	Deflection mm	2 x Load kg	Deflection mm	UDL kg/m	Deflection mm
2.0	1582.1	1	811.8	1	870.2	1
4.0	980.4	4	538.5	4	344.6	3
6.0	705.1	10	389.7	9	165.1	8
8.0	545.0	18	302.3	16	97.1	15
10.0	439.2	28	244.2	25	63.2	23
12.0	363.3	39	202.4	36	43.8	33
14.0	305.7	53	170.5	48	31.8	45
16.0	259.9	67	145.1	61	23.7	57
20.0	190.8	96	106.7	88	14.0	93

 Find complete loading tables on SIXTY82.nl

All loading data is based on calculations per EN-1999-1-1 and the following assumptions:

- Static loads only.
- Spans supported or suspended at both ends.
- Triangle trusses solely used apex-up, apex-down.
- 2 chords truss to be placed upright, supported from top chord and loaded from bottom chord.
- Truss spans can be constructed of elements of different length.

- Interaction between bending moment and shear force considered.
- Self-weight of truss is already considered.
- Assembled truss systems need an individual structural calculation. Please contact SIXTY82 or a structural engineer.
- Read the manual before use.
- Higher loading can be allowed depending on the truss configuration.