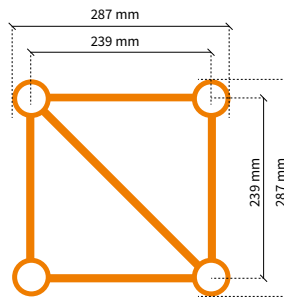




48.3 x 3 mm

# Length Square

M29S



6.3 Kg/m

(RFID)  
READY

M

P.100

ALU/BLACK

## Square - M29S

Code	Length
128001	21 cm
128002	25 cm
128003	29 cm
128004	50 cm
128005	71 cm
128015	75 cm
128006	100 cm
128007	150 cm
128008	200 cm
128009	250 cm
128010	300 cm
128012	400 cm

## Load table M29S

Span	CPL	Deflection	2 x load	Deflection	3 x load	Deflection	4 x load	Deflection	UDL	Deflection
m	kg	mm	kg	mm	kg	mm	kg	mm	kg/m	mm
2.0	1952.5	4	976.3	5	650.8	4	488.1	5	976.3	5
4.0	1308.4	15	941.5	19	647.1	17	485.3	19	485.3	18
6.0	921.5	33	649.9	42	492.3	39	392.3	42	321.6	41
8.0	705.9	58	505.5	74	371.2	69	299.1	74	195.7	73
10.0	567.4	91	410.7	116	295.3	108	239.7	116	123.2	114
12.0	470.1	131	343.2	167	243.0	155	198.3	167	83.8	164
14.0	397.3	178	292.3	228	204.3	211	167.5	228	60.1	223
16.0	340.4	233	252.2	297	174.3	276	143.4	297	44.7	291
20.0	256.0	364	192.3	464	130.3	431	107.9	464	26.5	454

## Cantilever load

Span	1 x Load	Deflection	UDL	Deflection
m	kg	mm	kg/m	mm
0.5	980.5	0	1958.2	0
1.0	979.1	1	976.3	1
1.5	839.6	5	649.0	3
2.0	652.5	12	485.3	7
2.5	539.5	24	387.1	13
3.0	458.8	43	276.5	19
3.5	398.2	69	204.9	27
4.0	351.0	103	159.9	36

## Multiple supported span

Span	CPL	Deflection	2 x Load	Deflection	UDL	Deflection
m	kg	mm	kg	mm	kg/m	mm
2.0	1418.0	1	726.0	1	779.9	0
4.0	1407.7	6	715.4	5	387.1	4
6.0	1109.9	15	625.5	14	256.2	12
8.0	866.3	28	479.4	25	153.7	23
10.0	705.5	45	391.5	40	100.7	37
12.0	589.6	64	327.8	58	70.6	54
14.0	501.4	87	279.2	79	51.8	73
16.0	431.5	112	240.6	101	39.2	94
20.0	326.3	165	182.2	150	23.9	158

Find complete loading tables on [SIXTY82.nl](http://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.