

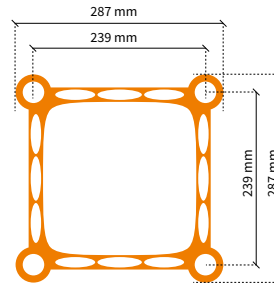
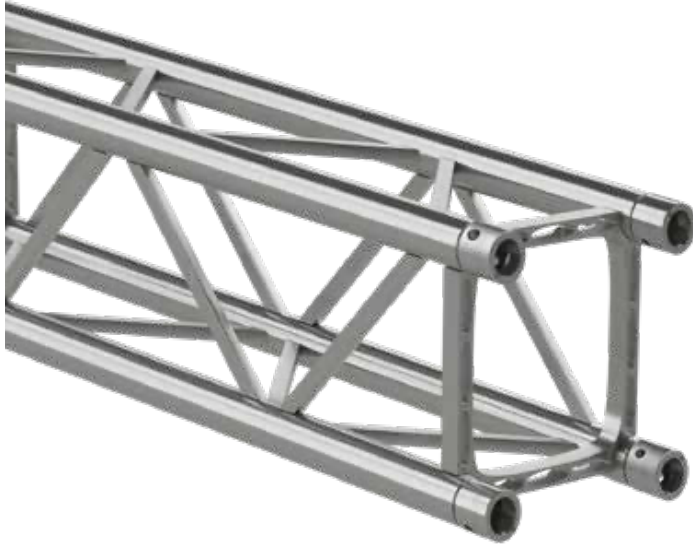


48.3 x 3 mm

Length Square



TPM29S



6.4 kg/m



P.128



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Square - TPM29S

Code	Length
128501	21 cm
128502	25 cm
128503	29 cm
128504	50 cm
128505	71 cm
128515	75 cm
128506	100 cm
128507	150 cm
128508	200 cm
128509	250 cm
128510	300 cm
128512	400 cm

Load table TPM29S

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	2455.0	3	1227.5	4	818.3	4	613.7	4	1227.5	4
4.0	1399.4	13	972.3	17	779.7	16	610.9	17	610.9	17
6.0	985.9	30	695.2	38	526.7	35	419.7	38	377.0	37
8.0	755.7	53	541.1	68	397.4	63	320.2	68	209.5	66
10.0	607.9	83	440.0	106	316.5	98	256.8	106	132.0	103
12.0	504.2	119	368.0	152	260.6	141	212.7	152	89.9	149
14.0	426.7	162	313.8	207	219.4	192	179.8	207	64.5	202
16.0	366.2	212	271.1	270	187.6	251	154.3	270	48.1	264
20.0	276.5	330	207.5	422	140.8	392	116.6	422	28.7	413

Cantilever load

Span	1 x Load	Deflection	UDL	Deflection
m	kg	mm	kg/m	mm
0.5	1231.8	1	2460.8	0.01
1.0	1230.4	12	1227.5	0.09
1.5	880.0	43	816.4	0.30
2.0	698.0	10.8	610.9	0.71
2.5	577.2	21.9	410.9	1.17
3.0	491.0	38.7	290.3	1.73
3.5	426.3	62.4	219.3	2.43
4.0	375.8	94	171.2	3.27

Multiple supported span

Span	CPL	Deflection	2 x Load	Deflection	UDL	Deflection
m	kg	mm	kg	mm	kg/m	mm
2.0	1783.4	1	914.4	0.1	980.8	0.5
4.0	1703.4	6	903.6	0.5	487.5	3.9
6.0	1184.9	14	653.0	1.2	283.0	11.4
8.0	927.6	25	513.3	2.3	163.7	20.9
10.0	756.1	41	419.5	3.7	107.9	33.6
12.0	632.6	59	351.7	5.3	75.8	49.0
14.0	538.7	79	299.9	7.2	55.6	66.7
16.0	464.4	102	258.9	9.3	42.2	86.2
20.0	352.7	151	197.0	13.8	25.8	144.7

Find complete loading tables on SIXTY82.nl

All loading data is based on calculations per EN 17115:2018 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 or supported from top chord and loaded from bottom chord.
- Truss spans can be assembled from elements of different length.
- Loading data is only applicable when trusses are solely assembled with TPM03/04 (42CrMo4) spigots.
- Interaction of bending moment and shear force considered.
- Self-weight of truss is already considered.
- Assembled truss structures 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.