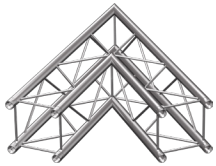
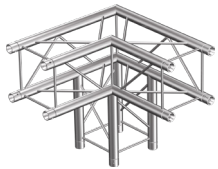
Joints

Variants

Code	Type	Way (nr)	Angle	Orient.	Vertex	W (cm)	H (cm)	D (cm)
SQ22L2045	L2	2	45°	-	-	50	22	50
SQ22L2060	L2	2	60°	-	-	50	22	50
SQ22L2090	L2	2	90°	-	-	50	22	50
SQ22L2120	L2	2	120°	-	-	50	22	50
SQ22L2135	L2	2	135°	-	-	50	22	50
SQ22L3	L3	3	90°	-	-	50	22	50
SQ22T3	T3	3	90°	-	-	50	50	50
SQ22X4	X4	4	90°	-	-	50	50	50
SQ22T4	T4	4	90°	-	-	50	50	50
SQ22T5	T5	5	90°	-	-	50	50	50
SQ22K8	K8	6	90°	-	-	22	22	22



SQ22L2045



SQ22L3



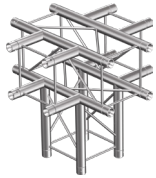
SQ22T3



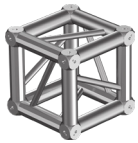
SQ22X4



SQ22T4



SQ22T5

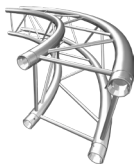


SQ22K8

Circular Trusses

Variants

Code	Orient.	Vertex	D.Ext (cm)	D.Int. (cm)	H (cm)	D (cm)	Weight (kg)	Arch num
SQ22C200	-	-	200	156	22	22	7.90	4
SQ22C300	-	-	300	256	22	22	12.30	4
SQ22C400	-	-	400	356	22	22	16.60	4
SQ22C500	-	-	500	456	22	22	21	8
SQ22C600	-	-	600	556	22	22	25.40	8



Square section circular aluminium truss structure with 22cm sides

- Lengthwise: extruded tubes, Ø 35x2 mm 6082 T6
- Diagonal: extruded tubes, Ø 8 mm 6082 T6
- Plate: conical quick-lock connectors
- x4 Fast connection kits FCQ3 included



Optional accessories

FCQ3K8

Quick connection, 4 h/spigot, 4 pins, 4 safety spring, SQ22K8



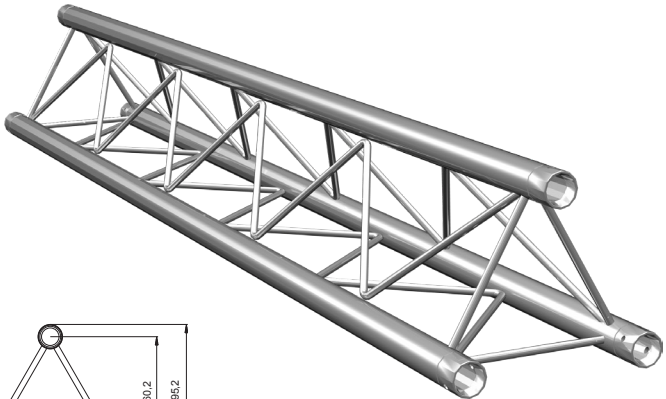
SQ22FP

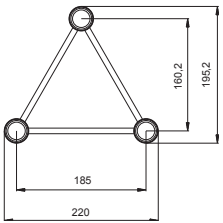
Aluminium ground base for square section trusses, SQ22 Series

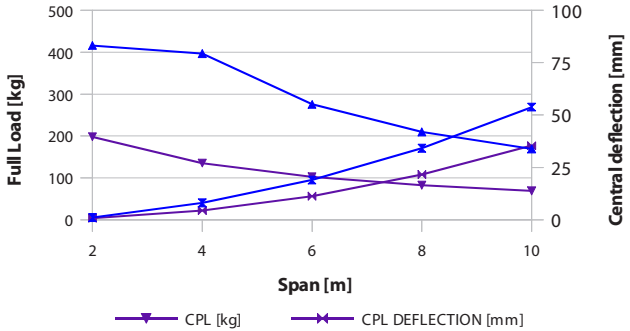
ST22

triangle section aluminium truss with 22cm long sides

- Lengthwise: extruded tubes, Ø 35x1,5 mm 6082 T6
- Diagonal: extruded tubes, Ø 8mm 6082 T6
- Plate: conical quick-lock connectors
- Fast connection kit FCT3 included











SPAN [m]	Distributed Load			Centre Point Load	
	Point load [kg/m]	Full load [kg]	Central deflection [mm]	Full load [kg]	Central deflection [mm]
2	208	416	1.1	198.02	0.8
4	99.24	396.96	8.1	135.55	4.4
6	45.94	275.64	19	102.81	11.3
8	26.22	209.76	34.2	82.88	21.6
10	16.9	169	53.8	69.43	35.4

Variants

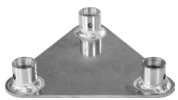
Code	Tube (mm)	Diagonal (mm)	W (cm)	H (cm)	D (cm)	Weight (kg)	Volume (mc)
ST22050	35x1.5	8	50	22	22	1.8	0.010
ST22100	35x1.5	8	100	22	22	2.10	0.021
ST22150	35x1.5	8	150	22	22	3	0.031
ST22200	35x1.5	8	200	22	22	4.0	0.042
ST22250	35x1.5	8	250	22	22	4.8	0.052
ST22300	35x1.5	8	300	22	22	5.80	0.063
ST22350	35x1.5	8	350	22	22	6.70	0.073
ST22400	35x1.5	8	400	22	22	7.60	0.084



Included

FCT3

Quick connection, 3 spigots, 6 pins, 6 safety spring, ST22



Optional accessories

ST22FP

Aluminium ground base for triangular section trusses, ST22