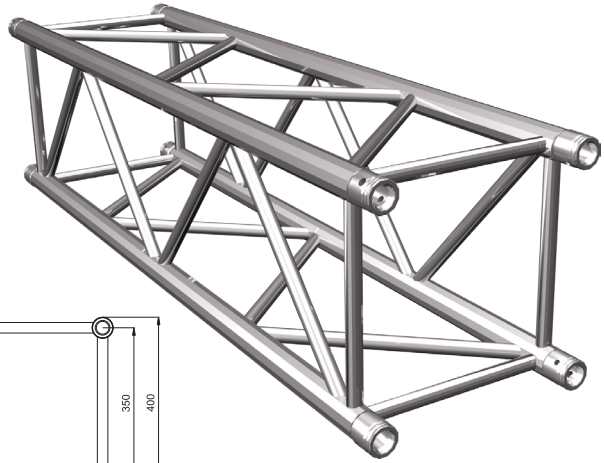
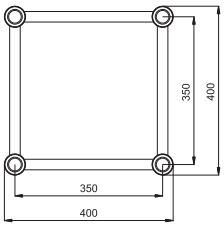
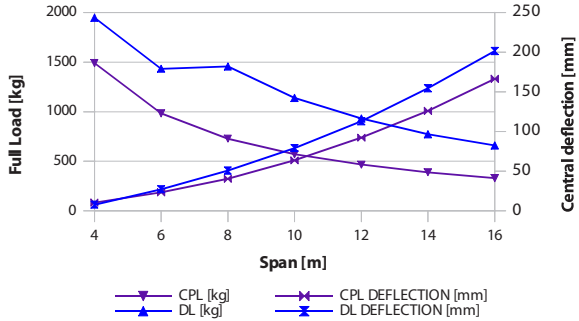
SQ40

Square section aluminium truss with 40cm sides

- Lengthwise: extruded tubes, Ø 50x2 mm 6082 T6
- Diagonal: extruded tubes, Ø 20x2 mm 6082 T6
- Plate: conical quick-lock connectors
- Fast connection kit FCQ5 included











SPAN [m]	Distributed Load			Centre Point Load	
	Point load [kg/m]	Full load [kg]	Central deflection [mm]	Full load [kg]	Central deflection [mm]
4	487	1948	7.8	1491	10.4
6	239	1434	27.3	984	23.4
8	182	1456	50.7	728.7	40.3
10	114	1140	79.3	572	63.7
12	77.7	932.4	113.1	466	92.3
14	55.3	774.2	154.7	389	126.1
16	41.3	660.8	201.5	329	166.4

Variants

Code	Black Vers.	Tube (mm)	Diagonal (mm)	W (cm)	H (cm)	D (cm)	Weight (kg)	Volume (mc)
SQ40050	**SQ40050B**	50x2	20x2	50	40	40	4.9	0.080
SQ40100	**SQ40100B**	50x2	20x2	100	40	40	8.1	0.160
SQ40150	**SQ40150B**	50x2	20x2	150	40	40	12	0.240
SQ40200	**SQ40200B**	50x2	20x2	200	40	40	15.4	0.320
SQ40250	**SQ40250B**	50x2	20x2	250	40	40	19.1	0.400
SQ40300	**SQ40300B**	50x2	20x2	300	40	40	21.7	0.480
SQ40350	**SQ40350B**	50x2	20x2	350	40	40	25	0.560
SQ40400	**SQ40400B**	50x2	20x2	400	40	40	28	0.640
SQ40450	**SQ40450B**	50x2	20x2	450	40	40	31.1	0.720
SQ40500	**SQ40500B**	50x2	20x2	500	40	40	34.4	0.800



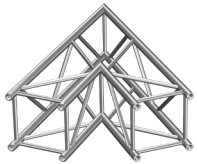
Included

FCQ5

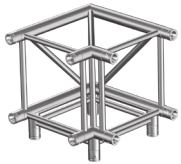
Quick connection, 4 spigots, 8 pins, 8 safety spring, SQ-HQ30/40

Joints

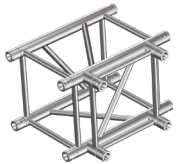
Code	Black Vers.	Type	Way (nr)	Angle	Orient.	Vertex	W (cm)	H (cm)	D (cm)
				Variants					
SQ40L2045	**SQ40L2045B**	L2	2	45°	-	-	50	40	50
SQ40L2060	**SQ40L2060B**	L2	2	60°	-	-	50	40	50
SQ40L2090	**SQ40L2090B**	L2	2	90°	-	-	50	40	50
SQ40L2120	**SQ40L2120B**	L2	2	120°	-	-	50	40	50
SQ40L2135	**SQ40L2135B**	L2	2	135°	-	-	50	40	50
SQ40L3	**SQ40L3B**	L3	3	90°	-	-	50	40	50
SQ40T3	**SQ40T3B**	T3	3	90°	-	-	50	50	50
SQ40X4	**SQ40X4B**	X4	4	90°	-	-	50	50	50
SQ40T4	**SQ40T4B**	T4	4	90°	-	-	50	50	50
SQ40T5	**SQ40T5B**	T5	5	90°	-	-	50	50	50
SQ40X6	**SQ40X6B**	X6	6	90°	-	-	50	50	50
SQ40K8	**SQ40K8B**	K8	6	90°	-	-	40	40	40



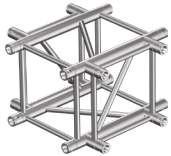
SQ40L2045



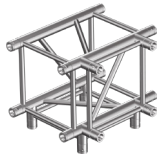
SQ40L3



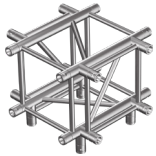
SQ40T3



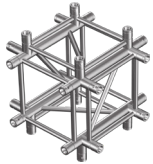
SQ40X4



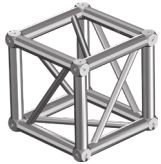
SQ40T4



SQ40T5



SQ40X6



SQ40K8

Circular Trusses

Code	Black Vers.	Orient.	Vertex	D.Ext (cm)	D.Int. (cm)	H (cm)	D (cm)	Weight (kg)	Arc num
					Variants				
SQ40C400	**SQ40C400B**	-	-	400	320	40	40	15.90	4
SQ40C500	**SQ40C500B**	-	-	500	420	40	40	20.20	8
SQ40C600	**SQ40C600B**	-	-	600	520	40	40	24.60	8
SQ40C700	**SQ40C700B**	-	-	700	620	40	40	29.00	8
SQ40C800	**SQ40C800B**	-	-	800	720	40	40	33.40	8



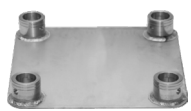
Square section circular aluminium truss structure with 40cm sides

- Lengthwise: extruded tubes, Ø 50x2 mm 6082 T6
- Diagonal: extruded tubes, Ø 25x2 mm 6082 T6
- Plate: conical quick-lock connectors
- x4 Fast connection kits FCQ5 included



FCQ5K8

Quick connection, 4 h/spigot, 4 pins, 4 safety spring, HQ-SQ30/40K8



SQ40FP

Aluminium ground base for square section trusses, SQ-HQ40,