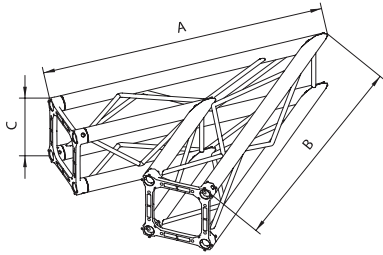


Description	Specification
External dimensions (height x width)	252 mm x 252 mm
Distance between axis	200 mm x 200 mm
Lenghtways tubes	Extruded aluminium EN-AW 6005 T6 - Ø50x1.5 mm
Crossways tubes	Extruded aluminium EN-AW 6060 T6 - Ø14x1.5 mm
Connecting plate	Cast aluminium EN AC 42200 T6
Welding process	TIG -141 / ISO 4063
Available lenght (cm)	12.5 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400
Connection systems	QXFC - QXSM8

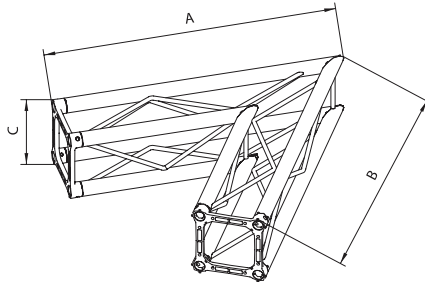
Section Area	Moment of inertia Y - axis	Moment of inertia Z - axis	Selfweight (approx.)		
[mm ²]	[mm ⁴]	[mm ⁴]	[N/m]		
914	8.040.062	8.040.062	50		

Span [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Load [kg/m]	Full Load [kg]	Central Deflection [mm]
1	537	537	0,2	269	537	0,1	179	537	0,1	134	537	0,1	537	537	0,1
2	533	533	1	267	533	1	178	533	1	133	533	1	267	533	1
3	484	484	4	264	529	4	176	529	4	132	529	3	176	529	3
4	400	400	8	258	516	9	175	525	9	131	525	8	131	525	7
5	339	339	14	223	446	15	174	521	17	130	521	16	104	521	13
6	293	293	21	196	391	24	157	471	26	127	507	27	86	516	23
7	256	256	30	173	347	34	141	424	38	110	441	38	73	512	37
8	227	227	40	156	311	46	125	376	51	98	391	51	63	508	55
9	203	203	52	140	280	60	111	333	66	87	347	66	52	467	72
10	183	183	66	127	253	76	99	298	82	78	311	82	41	415	90
11	165	165	81	116	231	95	89	267	101	70	281	101	34	375	110
12	150	150	99	105	210	115	80	240	120	64	255	122	28	338	132
13	136	136	117	96	193	137	73	218	143	58	231	144	24	308	157
14	124	124	139	88	176	161	66	198	167	53	210	169	20	279	183

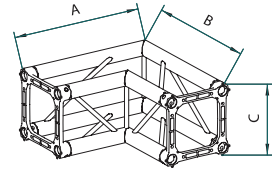
Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).
 When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.
 The application of the load shall be on the centre line of the truss.
 The values shown in the table are the allowable statics loads that can be applied to the truss. This is the live load or the payload.
 The self weight of the truss has been taken into account when calculating the values in the table.
 It should be noted that this is idealised loading condition and the User shall re-analyze the truss for the loading condition which prevail for the application begin considered.



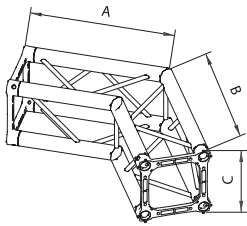
QX25SL2045



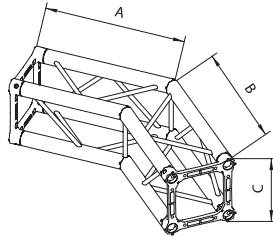
QX25SL2060



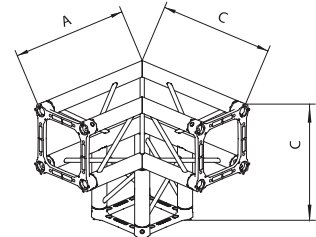
QX25SL2090



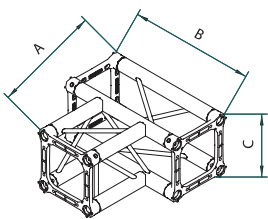
QX25SL2120



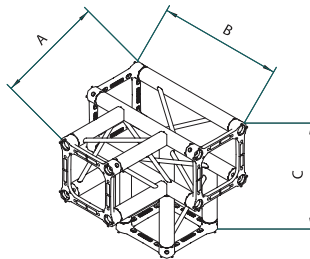
QX25SL2135



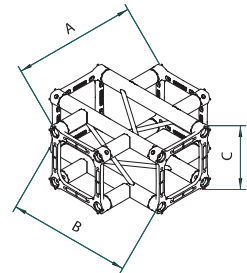
QX25SL3



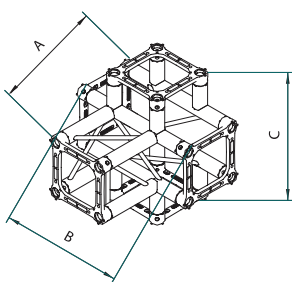
QX25ST3



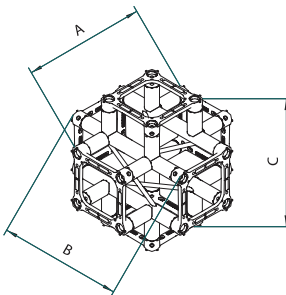
QX25ST4



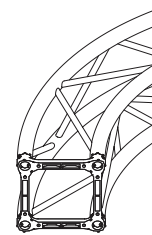
QX25SX4



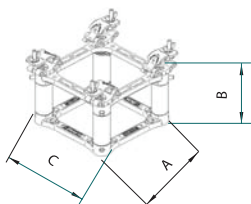
QX25SX5



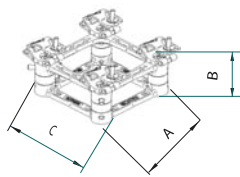
QX25SX6



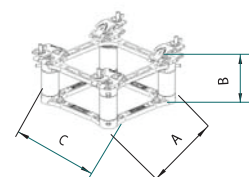
Q = Square truss



QX25SACL



QX25SACS



QX25SACSC

CORNERS

Code	Dimensions (cm)	Weight (Kg)
QX25K8 (Dado)	25x25x25	7.00
QX25SL2045	100x100x25	6.80
QX25SL2060	100x100x25	7.20
QX25SL2090	50x50x25	4.30
QX25SL2120	50x50x25	4.40
QX25SL2135	50x50x25	4.70
QX25SL2ADJ	50x50x25	5.90
QX25SL3	50x50x25	5.90
QX25ST3	50x50x50	5.30
QX25ST4	50x50x50	6.90
QX25SX4	50x50x25	6.60
QX25SX5	50x50x50	8.00
QX25SX6	50x50x50	9.00
QX25SACL	25x25x25	3.50
QX25SACS	25x12.5x25	3.40
QX25SACSC	25x12.5x25	3.40

TRUSS

Code	Dimensions (cm)	Weight (Kg)
QX25S012M5	25x25x12.5	2.50
QX25S025	25x25x25	2.80
QX25S050	25x25x50	3.50
QX25S100	25x25x100	5.20
QX25S150	25x25x150	6.80
QX25S200	25x25x200	8.40
QX25S250	25x25x250	10.00
QX25S300	25x25x300	11.60
QX25S350	25x25x350	13.30
QX25S400	25x25x400	14.90

RINGS

Curves, rings and ellipses are available on demand

Minimum diameter 2 m

Diameter measurement external

Weight per meter (aprox.) 5 Kg