

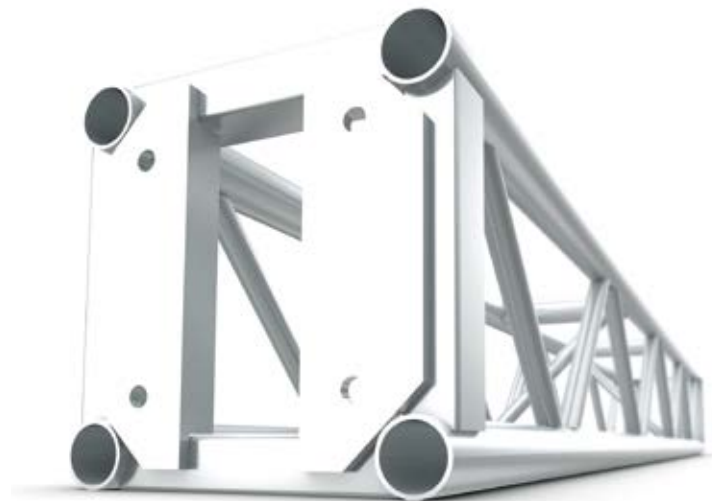
Box truss

Core truss 12 x 12 plated

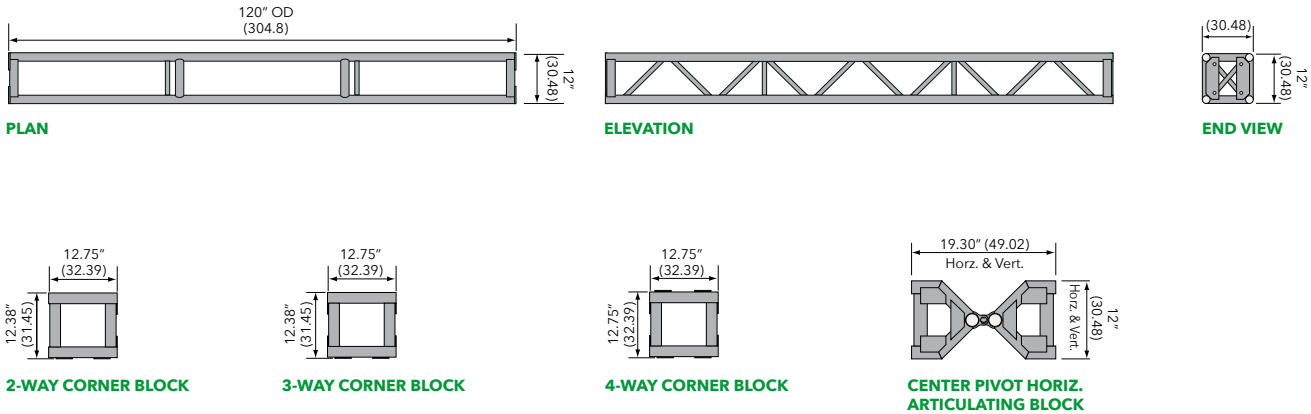


Core truss 12 x 12 plated

- › Standard lengths are 10', 8' and 5'
- › Custom lengths available upon request
- › Equipped with bolts
- › Main chords are 2" OD x 1/8" aluminum
- › Diagonals are 1" OD x 1/8" aluminum
- › Fabricated by AWS/SFL certified welders



PLAN VIEWS 5-WAY & 6-WAY AVAILABLE



Note: Corners are same as Light Duty Truss

MAXIMUM ALLOWABLE UNIFORM LOADS



MAXIMUM ALLOWABLE POINT LOADS



NO. OF SECTS.	SPAN FT (MTRS)	MAXIMUM ALLOWABLE UNIFORM LOADS			MAXIMUM ALLOWABLE POINT LOADS					
		LOAD LBS/FT	LOAD LBS (KGS)	MAX DEFL. IN.	center point LOAD LBS (KGS)	MAX DEFL. IN.	third point LOAD LBS (KGS)	MAX DEFL. IN.	quarter point LOAD LBS (KGS)	MAX DEFL. IN.
1	10 (3.05)	497	4907 (2226)	0.18	2483 (1129)	0.14	1862 (846)	0.18	1242 (565)	0.17
2	20 (6.09)	120	2400 (1089)	0.90	1200 (545)	0.77	900 (409)	0.92	600 (273)	0.87
3	30 (9.14)	50	1500 (680)	1.98	753 (342)	1.69	565 (257)	2.01	377 (171)	1.91
4	40 (12.21)	26	1040 (471)	3.41	516 (235)	2.95	387 (176)	3.46	258 (117)	3.30

Note: Deflections reported in the tables on the left are the maximum expected for full loadings (indoors only). All loads are based on 10' (3.05 m) sections. Other section lengths are available. Load tables are reprinted from engineering reports developed by Theta Consulting and apply to truss fabricated after March 2009.

5/8" diameter Grade 8 Bolts with standard washers through 3/8" gusset plates

CORE TRUSS 12 X 12 PLATED CONNECTIONS ARE SINGLE SETS OF BOLTS

PRODUCT DESCRIPTION	ITEM CODE	WEIGHT LBS (KGS)
5 FT LIGHT DUTY PLATED TRUSS	TC C1212-060B	33 (15)
8 FT LIGHT DUTY PLATED TRUSS	TC C1212-096B	49 (22)
10 FT LIGHT DUTY PLATED TRUSS	TC C1212-120B	60 (27)