

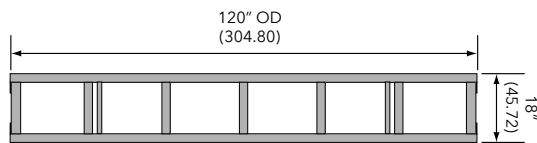
Box truss

Light-duty truss 12 x 18 plated

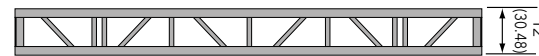
- › Light-duty truss 12 x 18 plated
- › Standard lengths are 10', 8' and 5'
- › Custom lengths available upon request
- › Equipped with bolts
- › Main chords are 2" OD x 1/8" aluminum
- › Diagonals are 1" OD x 1/8" aluminum
- › Fabricated by AWS / SFL certified welders



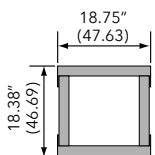
Plan Views



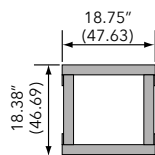
Plan



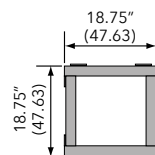
Elevation



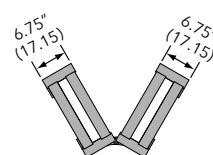
2-Way Corner Block



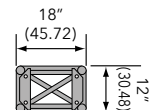
3-Way Corner Block



4-Way Corner Block



Horizontal Variable Corner



End View

Loading chart

Span feet (meters)	Maximum allowable uniform loads			Maximum allowable point loads					
	Load lbs/ft	Load lbs (kgs)	Max Defl. in.	center point		third point		quarter point	
				Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.
10 (3.05)	445	4450 (2019)	0.14	2229 (1011)	0.11	1672 (758)	0.14	1115 (506)	0.13
20 (6.09)	105	2100 (953)	0.54	1058 (480)	0.44	794 (360)	0.56	529 (240)	0.52
30 (9.14)	42	1260 (572)	1.20	643 (292)	1.02	482 (219)	1.25	322 (146)	1.17
40 (12.21)	20	800 (363)	2.11	417 (189)	1.86	312 (142)	2.21	208 (94)	2.10

Note: Deflections reported in the tables on the left are the maximum expected for full loadings (indoor 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 Parkhill, Smith & Cooper, Inc., Structural Engineers, and apply to truss fabricated after December 1989.

Light-duty truss 12 x 18 plated Connections are single sets of bolts

Product Description	Item Code	Weight lbs (kgs)	
2 FT LIGHT-DUTY PLATED TRUSS	TC 1218-024B	21	(10)
3 FT LIGHT-DUTY PLATED TRUSS	TC 1218-036B	28	(13)
4 FT LIGHT-DUTY PLATED TRUSS	TC 1218-048B	34	(16)
5 FT LIGHT-DUTY PLATED TRUSS	TC 1218-060B	39	(18)
6 FT LIGHT-DUTY PLATED TRUSS	TC 1218-072B	46	(21)
8 FT LIGHT-DUTY PLATED TRUSS	TC 1218-096B	57	(26)
10 FT LIGHT-DUTY PLATED TRUSS	TC 1218-120B	67	(30)
LIGHT-DUTY PLATED 2-WAY CORNER BLOCK	TC 1218-C2B	19	(9)
LIGHT-DUTY PLATED 3-WAY CORNER BLOCK	TC 1218-C3B	21	(10)
LIGHT-DUTY PLATED 4-WAY CORNER BLOCK	TC 1218-C4B	25	(11)
LIGHT-DUTY PLATED HORIZ. ARTICULATING BLOCK	TC 1218-AHB	29	(13)
LIGHT-DUTY PLATED VERT. ARTICULATING BLOCK	TC 1218-AVB	29	(13)
LIGHT-DUTY PLATED VARIABLE HORIZ. BLOCK	TC 1218-VHB	30	(14)
LIGHT-DUTY PLATED VARIABLE VERT. BLOCK	TC 1218-VVB	30	(14)

Custom length truss and custom corner designs, inc. angles, available upon request.