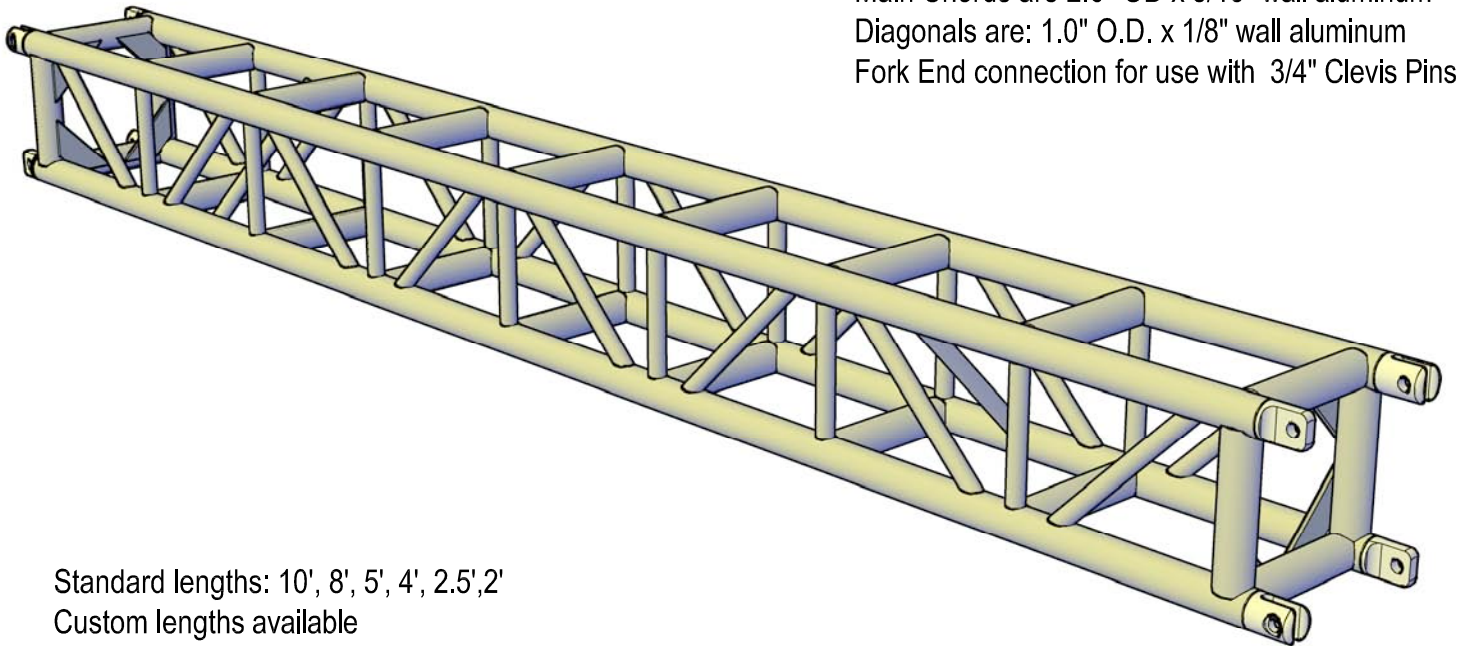




Xtreme Structures and Fabrication

12" x 12" Fork End



Main Chords are 2.0" OD x 3/16" wall aluminum
 Diagonals are: 1.0" O.D. x 1/8" wall aluminum
 Fork End connection for use with 3/4" Clevis Pins

Standard lengths: 10', 8', 5', 4', 2.5', 2'
 Custom lengths available

MAXIMUM SUPERIMPOSED GRAVITY LOADS

Span (ft) (m)	Uniformly Distributed		Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads		
	UDL (lbs/ft) (kg/m)	Total Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)
10 (3.05)	1011 (4504)	10110 (4586)	0.21 (5)	1 @ 6330 (2871)	0.21 (5)	2 @ 4748 (2153)	0.27 (7)	3 @ 3165 (1435)	0.25 (6)	4 @ 2261 (1025)	0.23 (6)
20 (6.10)	309 (460)	6180 (2803)	1.04 (26)	1 @ 3098 (1405)	0.84 (21)	2 @ 2323 (1053)	1.07 (27)	3 @ 1549 (702)	1.00 (25)	4 @ 1106 (501)	0.91 (23)
30 (9.14)	111 (165)	3330 (1510)	2.00 (51)	1 @ 1990 (902)	1.91 (49)	2 @ 1225 (555)	2.00 (51)	3 @ 878 (398)	2.00 (51)	4 @ 690 (312)	2.00 (51)
40 (12.19)	41 (61)	1640 (744)	2.63 (67)	1 @ 821 (372)	2.20 (56)	2 @ 613 (278)	2.66 (68)	3 @ 411 (186)	2.52 (64)	4 @ 342 (155)	2.65 (67)
50 (15.24)	11 (16)	550 (249)	2.63 (67)	1 @ 288 (130)	2.33 (59)	2 @ 216 (97)	2.66 (68)	3 @ 144 (65)	2.56 (65)	4 @ 120 (54)	2.65 (67)

* If maximum deflection is reached before maximum load listed is reached, the truss must be considered to be at maximum capacity.

* The self weight of the truss has been taken into account in this load table and therefore does not have to be included into the calculation of superimposed live load.

* The effects of shock loadings, dynamic loadings, wind loads or seismic loads have not been taken into account into this table.



Part Numbers:

10' - 12" x 12" Fork End Truss	X-12-188FE-120	2-Way 12" Fork End Corner Block	X-12CB-FE2	12" Fork End Book End Hinge	X-12-188FE-BEH
8' - 12" x 12" Fork End Truss	X-12-188FE-96	3-Way 12" Fork End Corner Block	X-12CB-FE3	12" Fork End Center Pivot Hinge	X-12-188FE-CPH
5' - 12" x 12" Fork End Truss	X-12-188FE-60	4-Way 12" Fork End Corner Block	X-12CB-FE4	12" Fork End 11.25 degree wedge	X-12WDG-FE-11.25
4' - 12" x 12" Fork End Truss	X-12-188FE-48	5-Way 12" Fork End Corner Block	X-12CB-FE5	12" Fork End 22.5 degree wedge	X-12WDG-FE-22.5
2.5' - 12" x 12" Fork End Truss	X-12-188FE-30	6-Way 12" Fork End Corner Block	X-12CB-FE6	12" Fork End 45 degree wedge	X-12WDG-FE-45
2' - 12" x 12" Fork End Truss	X-12-188FE-24				

www.xtremestructures.com

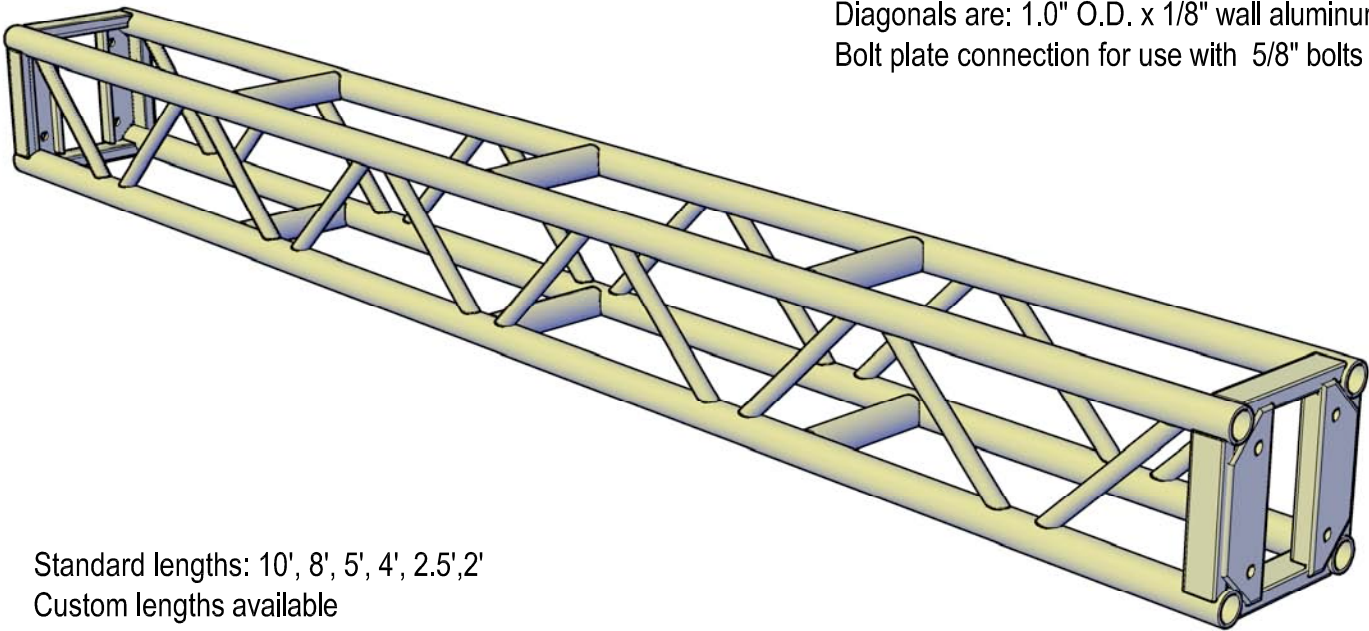
3518 S. Hwy. 19, PO Box 1150 Emory, TX 75440 tel: 903.473.1100 fax: 903.473.1107



Xtreme Structures and Fabrication

12" x 12" Plated Utility

Main Chords are 2.0" OD x 1/8" wall aluminum
 Diagonals are: 1.0" O.D. x 1/8" wall aluminum
 Bolt plate connection for use with 5/8" bolts



Standard lengths: 10', 8', 5', 4', 2.5', 2'
 Custom lengths available

MAXIMUM SUPERIMPOSED GRAVITY LOADS

Span (ft) (m)	Uniformly Distributed		Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads		
	UDL (lbs/ft) (kg/m)	Total Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)
5 (1.52)	2033 (3165)	10165 (4811)	0.04 (1)	1 @ 6960 (3157)	0.04 (1)	2 @ 4176 (1894)	0.04 (1)	3 @ 3093 (6819)	0.04 (1)	4 @ 2320 (1052)	0.04 (1)
10 (3.05)	553 (823)	5530 (2510)	0.17 (4)	1 @ 2766 (1255)	0.13 (3)	2 @ 2075 (941)	0.17 (4)	3 @ 1383 (3049)	0.16 (4)	4 @ 988 (448)	0.14 (4)
15 (4.57)	277 (412)	4155 (1885)	0.43 (11)	1 @ 1935 (878)	0.32 (8)	2 @ 1354 (614)	0.38 (10)	3 @ 934 (2059)	0.37 (9)	4 @ 677 (307)	0.34 (9)
20 (6.10)	134 (199)	2680 (1216)	0.66 (17)	1 @ 1342 (609)	0.54 (14)	2 @ 1007 (457)	0.68 (17)	3 @ 671 (1479)	0.63 (16)	4 @ 479 (217)	0.58 (15)
25 (7.62)	88 (131)	2200 (998)	1.11 (28)	1 @ 1066 (484)	0.88 (22)	2 @ 767 (348)	1.06 (27)	3 @ 522 (1151)	1.01 (26)	4 @ 376 (171)	0.93 (24)
30 (9.14)	56 (83)	1680 (762)	1.48 (38)	1 @ 850 (386)	1.22 (31)	2 @ 637 (289)	1.53 (39)	3 @ 425 (193)	1.43 (36)	4 @ 303 (137)	1.31 (33)
35 (10.67)	40 (60)	1400 (635)	2.12 (54)	1 @ 686 (311)	1.74 (44)	2 @ 500 (227)	2.07 (53)	3 @ 338 (745)	1.97 (50)	4 @ 243 (110)	1.83 (46)
40 (12.19)	29 (43)	1160 (526)	2.62 (67)	1 @ 582 (264)	2.19 (56)	2 @ 434 (197)	2.67 (68)	3 @ 291 (132)	2.52 (64)	4 @ 211 (96)	2.35 (60)

* If maximum deflection is reached before maximum load listed is reached, the truss must be considered to be at maximum capacity.

* The self weight of the truss has been taken into account in this load table and therefore does not have to be included into the calculation of superimposed live load.

* The effects of shock loadings, dynamic loadings, wind loads or seismic loads have not been taken into account into this table.



Part Numbers:

10' - 12" x 12" Plated Utility Truss	X-12U-125BP-120	2-Way 12" Plated Corner Block	X-12CB-2	12" Plated Book End Hinge	X-12-188BP-BEH
8' - 12" x 12" Plated Utility Truss	X-12U-125BP-96	3-Way 12" Plated Corner Block	X-12CB-3	12" Plated Center Pivot Hinge	X-12-188BP-CPH
5' - 12" x 12" Plated Utility Truss	X-12U-125BP-60	4-Way 12" Plated Corner Block	X-12CB-4	10' - 12" Plated Ladder	X-12U-125BP-LAD-120
4' - 12" x 12" Plated Utility Truss	X-12U-125BP-48	5-Way 12" Plated Corner Block	X-12CB-5	12" Plated 11.25 degree wedge	X-12WDG-11.25
2.5' - 12" x 12" Plated Utility Truss	X-12U-125BP-30	6-Way 12" Plated Corner Block	X-12CB-6	12" Plated 22.5 degree wedge	X-12WDG-22.5
2' - 12" x 12" Plated Utility Truss	X-12U-125BP-24			12" Plated 45 degree wedge	X-12WDG-45

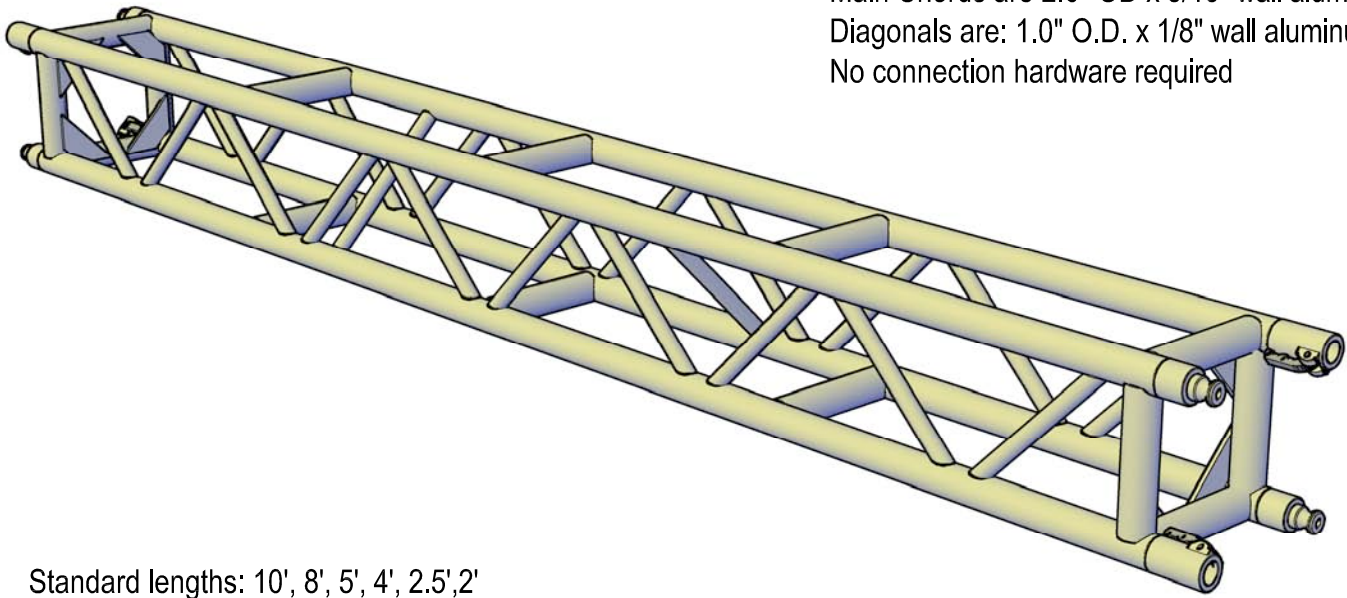
www.xtremestructures.com

3518 S. Hwy. 19, PO Box 1150 Emory, TX 75440 tel: 903.473.1100 fax: 903.473.1107



Xtreme Structures and Fabrication

12" x 12" XLOC Utility



Main Chords are 2.0" OD x 3/16" wall aluminum
 Diagonals are: 1.0" O.D. x 1/8" wall aluminum
 No connection hardware required

Standard lengths: 10', 8', 5', 4', 2.5', 2'
 Custom lengths available

MAXIMUM SUPERIMPOSED GRAVITY LOADS

Span (ft) (m)	Uniformly Distributed		Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads		
	UDL (plf) (kg/m)	Total Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)
5 (1.52)	2032 (3032)	10160 (4609)	0.33 (8)	1 @ 6857 (310)	0.33 (8)	2 @ 4114 (1866)	0.33 (8)	3 @ 3047 (1382)	0.33 (8)	4 @ 2286 (1036)	0.33 (8)
10 (3.05)	541 (805)	5410 (2454)	0.67 (17)	1 @ 2707 (1227)	0.67 (17)	2 @ 2030 (920)	0.67 (17)	3 @ 1353 (613)	0.67 (17)	4 @ 967 (438)	0.67 (17)
15 (4.57)	271 (404)	4065 (1844)	1.00 (25)	1 @ 1892 (858)	1.00 (25)	2 @ 1324 (600)	1.00 (25)	3 @ 913 (414)	1.00 (25)	4 @ 662 (300)	1.00 (25)
20 (6.10)	128 (190)	2560 (1161)	1.33 (34)	1 @ 1282 (581)	1.33 (34)	2 @ 962 (436)	1.33 (34)	3 @ 641 (290)	1.33 (34)	4 @ 458 (207)	1.33 (34)
25 (7.62)	85 (127)	2125 (964)	1.67 (42)	1 @ 1025 (464)	1.67 (42)	2 @ 738 (334)	1.67 (42)	3 @ 502 (227)	1.67 (42)	4 @ 362 (164)	1.67 (42)
30 (9.14)	51 (76)	1530 (694)	2.00 (51)	1 @ 776 (351)	2.00 (51)	2 @ 582 (263)	2.00 (51)	3 @ 388 (175)	2.00 (51)	4 @ 277 (125)	2.00 (51)
35 (10.67)	37 (55)	1295 (587)	2.33 (59)	1 @ 640 (290)	2.33 (59)	2 @ 466 (211)	2.33 (59)	3 @ 315 (142)	2.33 (59)	4 @ 227 (102)	2.33 (59)
40 (12.19)	26 (39)	1040 (472)	2.67 (68)	1 @ 536 (243)	2.67 (68)	2 @ 402 (182)	2.67 (68)	3 @ 268 (121)	2.67 (68)	4 @ 192 (87)	2.67 (68)

* If maximum deflection is reached before maximum load listed is reached, the truss must be considered to be at maximum capacity.

* The self weight of the truss has been taken into account in this load table and therefore does not have to be included into the calculation of superimposed live load.

* The effects of shock loadings, dynamic loadings, wind loads or seismic loads have not been taken into account into this table.



Part Numbers:

10' - 12" x 12" XLOC Utility Truss	X-12U-188XL-120	2-Way 12" XLOC Corner Block	X-12CB-XL2	12" XLOC Book End Hinge	X-12-188XL-BEH
8' - 12" x 12" XLOC Utility Truss	X-12U-188XL-96	3-Way 12" XLOC Corner Block	X-12CB-XL3	12" XLOC Center Pivot Hinge	X-12-188XL-CPH
5' - 12" x 12" XLOC Utility Truss	X-12U-188XL-60	4-Way 12" XLOC Corner Block	X-12CB-XL4	12" Bolt Plate to XLOC Adapter	X-12-BP-XL ADAPT
4' - 12" x 12" XLOC Utility Truss	X-12U-188XL-48	5-Way 12" XLOC Corner Block	X-12CB-XL5	12" XLOC 11.25 degree wedge	X-12WDG-XL-11.25
2.5' - 12" x 12" XLOC Utility Truss	X-12U-188XL-30	6-Way 12" XLOC Corner Block	X-12CB-XL6	12" XLOC 22.5 degree wedge	X-12WDG-XL-22.5
2' - 12" x 12" XLOC Utility Truss	X-12U-188XL-24			12" XLOC 45 degree wedge	X-12WDG-XL-45

www.xtremestructures.com

3518 S. Hwy. 19, PO Box 1150 Emory, TX 75440 tel: 903.473.1100 fax: 903.473.1107