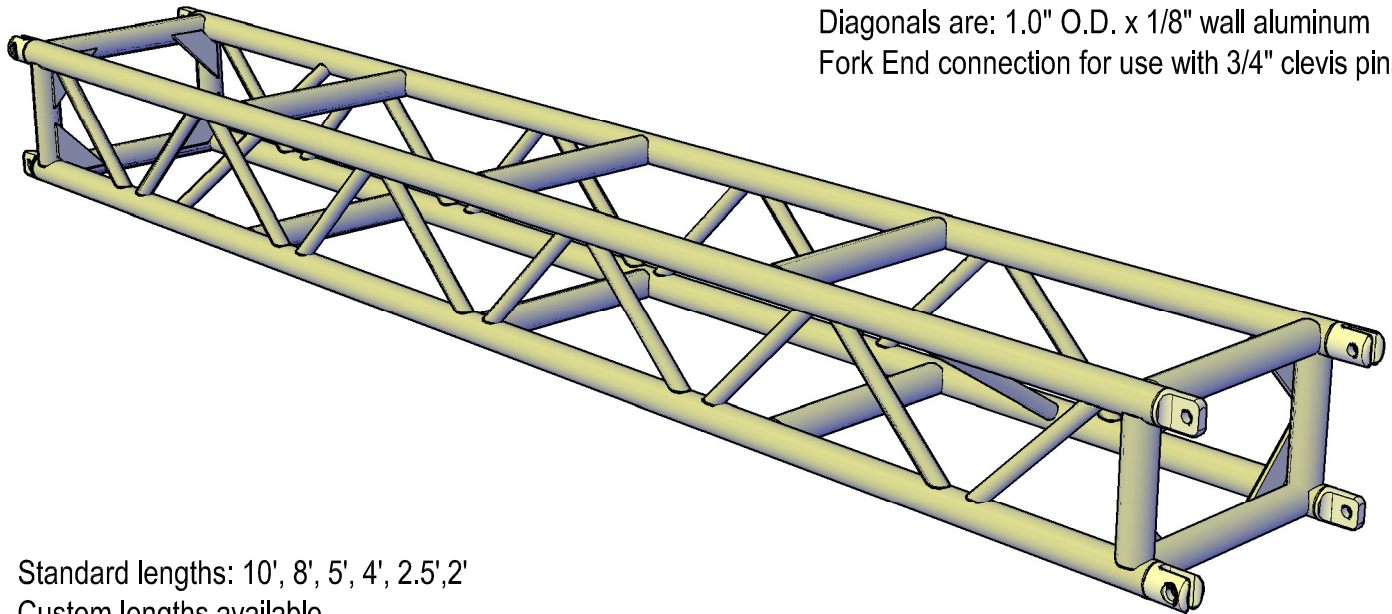




Xtreme Structures and Fabrication

12" x 18" Fork End Utility



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)
5 (1.52)	2030 (3029)	10150 (4604)	0.03 (1)	1 @ 10155 (4606)	0.04 (1)	2 @ 5077 (2303)	0.04 (1)	3 @ 3385 (1535)	0.03 (1)	4 @ 2539 (1152)	0.03 (1)
10 (3.05)	1012 (1505)	10120 (4590)	0.21 (5)	1 @ 6332 (2872)	0.21 (5)	2 @ 4749 (2154)	0.27 (7)	3 @ 3166 (1436)	0.25 (6)	4 @ 2261 (1026)	0.23 (6)
15 (4.57)	641 (954)	9615 (4361)	0.68 (17)	1 @ 4469 (2027)	0.51 (13)	2 @ 3128 (1419)	0.60 (15)	3 @ 2157 (978)	0.58 (15)	4 @ 1564 (709)	0.54 (14)
20 (6.10)	310 (461)	6200 (2812)	1.05 (27)	1 @ 3102 (1407)	0.84 (21)	2 @ 2326 (1055)	1.07 (27)	3 @ 1551 (704)	1.00 (25)	4 @ 1108 (503)	0.91 (23)
25 (7.62)	197 (293)	4925 (2234)	1.67 (42)	1 @ 2518 (1142)	1.38 (35)	2 @ 1809 (821)	1.67 (42)	3 @ 1234 (560)	1.59 (40)	4 @ 889 (403)	1.46 (37)
30 (9.14)	111 (165)	3330 (1510)	2.00 (51)	1 @ 1996 (905)	1.91 (49)	2 @ 1229 (557)	2.00 (51)	3 @ 882 (400)	2.00 (51)	4 @ 693 (314)	2.00 (51)
35 (10.67)	65 (97)	2275 (1032)	2.33 (59)	1 @ 1309 (594)	2.17 (55)	2 @ 837 (380)	2.33 (59)	3 @ 600 (272)	2.33 (59)	4 @ 471 (214)	2.33 (59)
40 (12.19)	41 (61)	1640 (744)	2.61 (66)	1 @ 829 (376)	2.19 (56)	2 @ 619 (281)	2.67 (68)	3 @ 415 (188)	2.52 (64)	4 @ 345 (156)	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 18" Fork End Utility Truss	X-12x18U-188FE-120	2-Way 12"x18" Fork End Corner Block	X-12x18CB-FE2	12"x18" Fork End Book End Hinge	X-12x18-188FE-BEH
8' - 12" x 18" Fork End Utility Truss	X-12x18U-188FE-96	3-Way 12"x18" Fork End Corner Block	X-12x18CB-FE3	12"x18" Fork End Center Pivot Hinge	X-12x18-188FE-CPH
5' - 12" x 18" Fork End Utility Truss	X-12x18U-188FE-60	4-Way 12"x18" Fork End Corner Block	X-12x18CB-FE4	12"x18" Fork End 11.25 degree wedge	X-12x18WDG-FE-11.25
4' - 12" x 18" Fork End Utility Truss	X-12x18U-188FE-48	5-Way 12"x18" Fork End Corner Block	X-12x18CB-FE5	12"x18" Fork End 22.5 degree wedge	X-12x18WDG-FE-22.5
2.5' - 12" x 18" Fork End Utility Truss	X-12x18U-188FE-30	6-Way 12"x18" Fork End Corner Block	X-12x18CB-FE6	12"x18" Fork End 45 degree wedge	X-12x18WDG-FE-45
2' - 12" x 18" Fork End Utility Truss	X-12x18U-188FE-24				

www.xtremestructures.com

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