



# 12" Box Truss

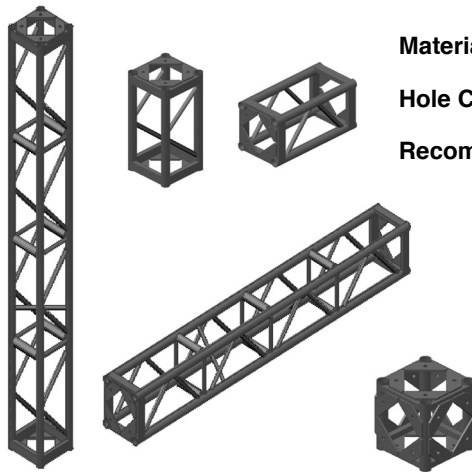
## Allowable Loading Conditions

Certified By:  
 THE CANADIAN WELDING BUREAU

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Uniformly Distributed Load						Center Point Loads					
Span		Load				Deflection		Load		Deflection	
Ft.	(M.)	Lb./Ft.	(Kg/M)	Lb.	(kg)	In.	(mm)	Lb.	(kg)	In.	(mm)
8'	(2.44)	550	(818.00)	4400	(1993.00)	0.08	(2.03)	2600	(1.18)	0.09	(2.28)
16'	(4.88)	130	(193.30)	2080	(942.00)	0.30	(7.50)	1320	(598.00)	0.30	(7.62)
24'	(7.32)	70.00	(104.90)	1680	(759.40)	0.65	(16.25)	800	(362.00)	0.55	(13.97)
32'	(9.76)	40.00	(59.90)	1200	(544.00)	1.37	(34.80)	600	(272.00)	1.09	(27.69)
40'	(12.20)	21.00	(31.20)	840.00	(381.00)	1.80	(45.72)	426	(193.00)	1.53	(38.86)



**Material:** All Aluminum Components 6061-T6 Rated

**Hole Centers:** 6.75" x 6.75"

**Recommended Fasteners:** 5/8" x 2" High Tensile Hex Head Bolts

- 1. Main Chords:** 2" O.D. x 1/8" Aluminum Tube
- 2. Diagonal Chords:** 1" O.D. x 1/8" Aluminum Tube
- 3. End Gusset Plates:** 2-1/2" x 3/8" Aluminum Flat Bar

Standard Sizes		Accessories	
Product Code	Description	Product Code	Description
12BT10	10 ft. Section	12CB/3	3 Way Corner Block
12BT8	8 ft. Section	12CB/4	4 Way Corner Block
12BT7	7 ft. Section	12CB/5	5 Way Corner Block
12BT6	6 ft. Section	12CB/6	6 Way Corner Block
12BT5	5 ft. Section	12CCB-60	60 Degree Curved Corner Block
12BT4	4 ft. Section	12CCB-45	45 Degree Curved Corner Block
12BT3	3 ft. Section	12CCB-30	30 Degree Curved Corner Block
12BT2	2 ft. Section	12CCB-22.5	22.5 Degree Curved Corner Block
12BT1	1 ft. Section	12FH	Flat Hinge
		12TH-4	4 ft. Tower Hinge