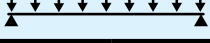


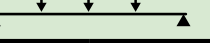



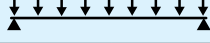


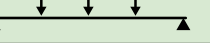

## ModTruss 6" x 6" Extrusion (*Without Splice*) Load Table

Revised 3/27/19

Extrusion Span Feet (Meters)	Uniformly Distributed Load 		Center Point Load 		Third Point Load Total Load = Point Load x 2 		Quarter Point Load Total Load = Point Load x 3 		Fifth Point Load Total Load = Point Load x 4 	
	Total Load Pounds UDL (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	33,870 (15,363.17)	0.26 (6.60)	16,935 (7,681.59)	0.21 (5.33)	12,701 (5,761.08)	0.27 (6.85)	8,468 (3,841.02)	0.25 (6.35)	7,056 (3,200.55)	0.26 (6.60)
10 (3.04)	10,690 (4,848.90)	0.67 (17.01)	6,618 (3,001.87)	0.67 (17.01)	3,841 (1,742.25)	0.66 (16.76)	2,780 (1,260.99)	0.67 (17.01)	2,206 (1,000.63)	0.67 (17.01)
15 (4.57)	4,650 (2,109.21)	1.00 (25.40)	2,877 (1,304.98)	1.00 (25.40)	1,669 (757.05)	0.99 (25.14)	1,208 (547.94)	1.00 (25.40)	959 (434.99)	1.00 (25.40)
20 (6.09)	2,500 (1,133.88)	1.34 (34.03)	1,547 (701.71)	1.33 (33.78)	898 (407.33)	1.33 (33.78)	650 (294.84)	1.33 (33.78)	516 (234.05)	1.33 (33.78)
25 (7.62)	1,475 (669.05)	1.67 (42.41)	916 (415.49)	1.67 (42.41)	531 (240.86)	1.66 (33.78)	385 (174.63)	1.67 (42.41)	305 (138.35)	1.67 (42.41)
30 (9.14)	900 (408.23)	2.00 (50.80)	558 (253.11)	2.00 (50.80)	324 (146.96)	1.99 (50.54)	235 (106.59)	2.00 (50.80)	186 (84.37)	2.00 (50.80)

## ModTruss 6" x 6" Extrusion (*With Splice*) Load Table

Revised 3/27/19

Extrusion Span Feet (Meters)	Uniformly Distributed Load 		Center Point Load 		Third Point Load Total Load = Point Load x 2 		Quarter Point Load Total Load = Point Load x 3 		Fifth Point Load Total Load = Point Load x 4 	
	Total Load Pounds UDL (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	7,435 (3,372.46)	0.06 (1.52)	5,717 (2,593.18)	0.07 (1.77)	3,718 (1,686.45)	0.08 (2.03)	2,479 (1,124.45)	0.07 (1.77)	1,859 (843.22)	0.07 (1.77)
10 (3.04)	5,640 (2,558.26)	0.36 (9.14)	2,822 (1,280.03)	0.29 (7.36)	2,116 (959.80)	0.37 (9.39)	1,411 (640.01)	0.34 (8.63)	1,176 (533.42)	0.36 (9.14)
15 (4.57)	3,675 (1,666.95)	0.80 (20.32)	1,840 (834.61)	0.65 (16.51)	1,380 (625.95)	0.83 (21.08)	920 (417.30)	0.77 (19.55)	767 (347.90)	0.81 (20.57)
20 (6.09)	2,500 (1,133.88)	1.34 (34.03)	1,337 (606.45)	1.17 (29.71)	898 (407.33)	1.33 (33.78)	650 (294.84)	1.33 (33.78)	516 (234.05)	1.33 (33.78)
25 (7.62)	1,475 (669.05)	1.67 (42.41)	916 (415.49)	1.67 (42.41)	531 (240.86)	1.66 (42.16)	385 (174.63)	1.67 (42.41)	305 (138.35)	1.67 (42.41)
30 (9.14)	900 (408.23)	2.00 (50.80)	558 (253.11)	2.00 (50.80)	324 (146.96)	1.99 (50.54)	235 (106.59)	2.00 (50.80)	186 (84.37)	2.00 (50.80)

Information extracted from the structural report by Clark Reeder Engineering | 10091 Mosteller Lane | West Chester OH 45069 | Ph 513-851-1223 | Date: 10/16/2018 | CRE Project No. 17.419.07 | Drawn by: JMR/TAK | S1.1

6" x 6" Extrusion (unbraced length) Column Load Capacity	
10' (3.04 meters)	100,980 lbs (45,803.75 kg)
20' (6.09 meters)	28,980 lbs (13,145.10 kg)
30' (9.14 meters)	12,870 lbs (5,837.73 kg)

All columns are assumed to be pinned top and bottom and use an Effective Length Factor of K=1.0.

All capacities assume that no other shear, flexure, or torsional forces are applied to the column.

Information extracted from the structural report by Clark Reeder Engineering  
Date: 02/22/2019 | CRE Project No. 19.419.05 | Engineer: DJP