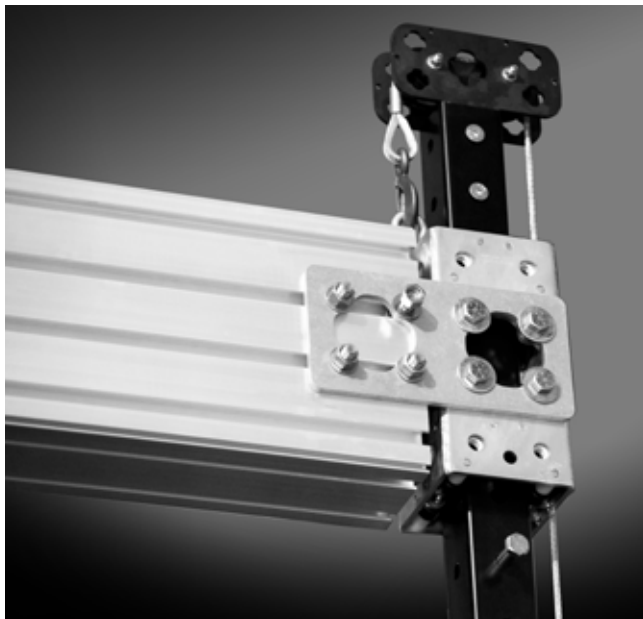


## ModTruss 6" x 12" Extrusion (Internal Splice Tube) Load Table

Extrusion Span Feet (Meters)	Uniformly Distributed Load (Point load divide by feet)		Center Point Load (Point load divide by 1)		Third Point Load (Point load divide by 2)		Quarter Point Load (Point load divide by 3)		Fifth Point Load (Point load divide by 4)	
	Load Pounds (kgs)	Deflection Inches (mm)	Load Pounds (kgs)	Deflection Inches (mm)	Load Pounds (kgs)	Deflection Inches (mm)	Load Pounds (kgs)	Deflection Inches (mm)	Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	81,920 (37,158.28)	0.100 (2.54)	58,406 (26,492.51)	0.120 (3.04)	81,920 (37,158.28)	0.140 (3.55)	81,921 (37,158.74)	0.130 (3.30)	81,920 (37,158.28)	0.120 (3.04)
10 (3.04)	58,290 (26,439.89)	0.590 (14.98)	29,144 (13,219.49)	0.470 (11.93)	43,716 (19,829.24)	0.610 (15.49)	43,716 (19,829.24)	0.560 (14.22)	48,572 (22,031.88)	0.590 (14.98)
15 (4.57)	29,370 (13,322.00)	0.870 (22.09)	18,175 (8,244.04)	0.870 (22.09)	21,096 (9,568.98)	0.870 (22.09)	22,902 (10,388.17)	0.870 (22.09)	24,236 (10,993.26)	0.870 (22.09)
20 (6.09)	16,340 (7,411.69)	1.330 (33.78)	10,110 (4,585.81)	1.330 (33.78)	11,734 (5,322.45)	1.330 (33.78)	12,741 (5,779.22)	1.330 (33.78)	13,480 (6,114.42)	1.330 (33.78)
25 (7.62)	10,250 (4,649.32)	1.670 (42.41)	6,351 (2,880.76)	1.670 (42.41)	7,370 (3,342.97)	1.670 (42.41)	8,004 (3,630.55)	1.670 (42.41)	8,468 (3,841.02)	1.670 (42.41)
30 (9.14)	6,930 (3,143.39)	2.000 (50.8)	4,286 (1,944.09)	2.000 (50.8)	4,974 (2,256.16)	2.000 (50.8)	5,400 (2,449.39)	2.000 (50.8)	5,716 (2,592.73)	2.000 (50.8)
35 (10.66)	4,900 (2,222.60)	2.330 (59.18)	3,022 (1,370.75)	2.330 (59.18)	3,508 (1,591.20)	2.330 (59.18)	3,807 (1,726.82)	2.330 (59.18)	4,028 (1,827.07)	2.330 (59.18)
40 (12.19)	3,520 (1,596.64)	2.670 (67.81)	2,184 (990.64)	2.670 (67.81)	2,534 (1,149.40)	2.670 (67.81)	2,751 (1,247.83)	2.670 (67.81)	2,912 (1,320.86)	2.670 (67.81)
45 (13.71)	2,565 (1,163.46)	3.000 (76.2)	1,594 (723.02)	3.000 (76.2)	1,850 (839.14)	3.000 (76.2)	2,010 (911.72)	3.000 (76.2)	2,124 (963.43)	3.000 (76.2)
50 (15.24)	1,850 (839.14)	3.330 (84.58)	1,158 (525.26)	3.330 (84.58)	1,344 (609.62)	3.330 (84.58)	1,461 (662.69)	3.330 (84.58)	1,544 (700.34)	3.330 (84.58)
55 (16.76)	1,320 (598.74)	3.670 (93.21)	823 (373.30)	3.670 (93.21)	956 (433.63)	3.670 (93.21)	1,038 (470.82)	3.670 (93.21)	1,096 (497.13)	3.670 (93.21)
60 (18.28)	900 (408.23)	4.010 (101.85)	556 (252.19)	4.000 (101.6)	646 (293.02)	4.000 (101.6)	702 (318.42)	4.000 (101.6)	740 (335.66)	4.000 (101.6)

Information extracted from the structural report by Clark Reder Engineering | 10091 Mosteller Lane | West Chester OH 45069 | Ph 513-851-1223 | Date: 11/7/2017 | CRE Project No. 17.419.07 | Drawn by: JMR/DDL | 51.2



### 6" x 12" Extrusion (unbraced length) Column Load Capacity

10'	170,370 lbs
20'	53,370 lbs
30'	23,670 lbs

### KEY FEATURES

- T-Slot combined within a structural beam
- Keyway (aka Kedar Track or Screw-boss)
- Compatible with all ModTruss products
- 12 available slots