

ModTruss 3" x 3" Extrusion (<i>Without Splice</i>) 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)	
	Total Load Pounds UDL (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)
5 (1.524)	3,525 (1,598.91)	0.330 (8.38)	2,182 (989.73)	0.330 (8.38)	2,532 (1,148.49)	0.330 (8.38)	2,748 (1,246.47)	0.330 (8.38)	2,908 (1,319.04)	0.330 (8.38)
10 (3.048)	850 (385.55)	0.670 (17.01)	526 (238.59)	0.670 (17.01)	610 (276.69)	0.660 (16.76)	663 (300.73)	0.670 (17.01)	700 (317.51)	0.670 (17.01)
15 (4.572)	345 (156.48)	1.000 (25.4)	210 (95.25)	1.000 (25.4)	244 (110.67)	1.000 (25.4)	264 (119.74)	1.000 (25.4)	280 (127.00)	1.000 (25.4)
20 (6.096)	140 (63.50)	1.340 (34.03)	92 (41.73)	1.330 (33.78)	106 (48.08)	1.330 (33.78)	117 (53.07)	1.330 (33.78)	124 (56.24)	1.330 (33.78)

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 | S1.1

3" x 3" Extrusion (unbraced length) Column Load Capacity	
10'	9,450 lbs
20'	2,340 lbs
30'	1,080 lbs

KEY FEATURES

- T-Slot combined within a structural beam
- 4 available Keyway
(aka Kedar Track or Screw-boss)
- Compatible with all ModTruss products
- Continuous length up to 40'
- 4 available T-Slots

