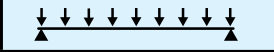
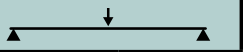
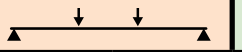
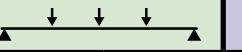
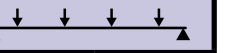


ModTruss 3" x 3" Extrusion *(Without Splice)* Load Table

Revised 3/27/19

Extrusion Span Feet (Meters)	Uniformly Distributed Load		Center Point Load		Third Point Load <small>Total Load = Point Load x 2</small>		Quarter Point Load <small>Total Load = Point Load x 3</small>		Fifth Point Load <small>Total Load = Point Load x 4</small>	
										
	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 (1.524)	3,525 <i>(1,598.91)</i>	0.330 <i>(8.38)</i>	2,182 <i>(989.73)</i>	0.330 <i>(8.38)</i>	1,266 <i>(574.24)</i>	0.330 <i>(8.38)</i>	916 <i>(415.49)</i>	0.330 <i>(8.38)</i>	727 <i>(329.76)</i>	0.330 <i>(8.38)</i>
10 (3.048)	850 <i>(385.55)</i>	0.670 <i>(17.01)</i>	526 <i>(238.59)</i>	0.670 <i>(17.01)</i>	305 <i>(138.34)</i>	0.660 <i>(16.76)</i>	221 <i>(100.24)</i>	0.670 <i>(17.01)</i>	175 <i>(79.37)</i>	0.670 <i>(17.01)</i>
15 (4.572)	345 <i>(156.48)</i>	1.000 <i>(25.4)</i>	210 <i>(95.25)</i>	1.000 <i>(25.4)</i>	122 <i>(55.33)</i>	1.000 <i>(25.4)</i>	88 <i>(39.91)</i>	1.000 <i>(25.4)</i>	70 <i>(31.75)</i>	1.000 <i>(25.4)</i>
20 (6.096)	140 <i>(63.50)</i>	1.340 <i>(34.03)</i>	92 <i>(41.73)</i>	1.330 <i>(33.78)</i>	53 <i>(24.04)</i>	1.330 <i>(33.78)</i>	39 <i>(17.69)</i>	1.330 <i>(33.78)</i>	31 <i>(14.06)</i>	1.330 <i>(33.78)</i>

Information extracted from the structural report by Clark Reder Engineering | 10091 Mosteller Lane | West Chester OH 45069 | Ph 513-851-1223 | Date: 11/10/2017 | CRE Project No. 17.419.07 | Drawn by: JMR/DDL | S1.1

3" x 3" Extrusion (unbraced length) Column Load Capacity

10' (3.04 meters)	9,450 lbs (4,286.44 kg)
20' (6.09 meters)	2,340 lbs (1,061.40 kg)
30' (9.14 meters)	1,080 lbs (489.87 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 Reder Engineering
Date: 02/22/2019 | CRE Project No. 19.419.05
Engineer: DJP

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

