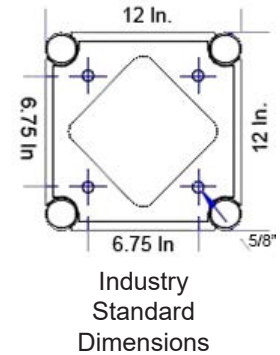




# LOAD BEARING CHART



## XT-BT Series Dimensions:

Height: **12"**

Width: **12"**

Main Tube: **2in** / 50mm

Braces: **1in** / 25mm

Wall Thickness: **1/8in** / 3mm

**English Specifications are in RED**

Material: EN-AWT6 6082 Aluminum

Fabricated by GSI SLV-certified welders

ProX Bolted Truss is compatible with most other major brands that utilize the industry standard bolt pattern for box truss.

Span	Load lbs/ft	Uniform				Center Point Load				Point Load In Third-point				Point Load In Quarter-point			
		kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch
3.05 / 10	446	2023	4460	0.3556	0.140	1012	2231	0.2794	0.110	759	1673	0.3556	0.140	506	1116	0.3302	0.130
6.09 / 20	106	962	2120	1.3716	0.540	482	1063	1.1176	0.440	362	797	1.4224	0.560	241	531	1.3208	0.520
9.14/30	43	585	1290	3.0988	1.220	295	650	2.5654	1.010	221	487	3.0988	1.250	147	325	2.9718	1.170
12.21/40	21	381	840	5.4864	2.160	193	426	4.6990	1.850	145	319	5.6134	2.210	97	213	5.3340	2.100

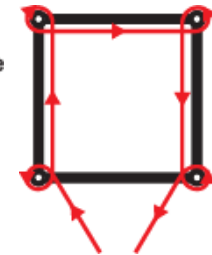
### Abbreviations used in this chart:

- m - Meters
- ft - Feet
- lbs - Pounds
- cm - Centimeters
- kg - Kilograms
- lbs/ft - Pounds Per Linear Foot

Loading tables are also dependent on correct assembly of the trussing components. Always make sure that the diagonal bracing are configured to be opposite the connecting pieces when assembling

### Sling Hitching

The most appropriate practice to sling truss. Notice always technical data of the slings and trusses. The hang direction of the sling shows the equal weight distribution.



Loading figures only valid for static (non moving) loads and spans with two supporting points. Calculated for ProX BoltX™ only, if mixed with other trussing this chart is void! If dynamic loads or wind loads are involved, or more supporting points are applied, contact a structural engineer. Weight of the truss components are considered in load table. Deflections reported in the table above are the maximum expected for full loadings in indoor construction only! All loads are based on 10ft (3.05m) sections. Other sectional lengths are available that can make spans other than those seen in this chart. It is acceptable to interpolate load values for those other spans utilizing this chart. This truss loading chart is calculated based on engineering design studies and is not from destructive or non-destructive testing.