

truss

light duty truss 12 x 12 plated

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Standard lengths are 10', 8' and 5'
Custom lengths available upon request

Equipped with bolts
Main chords are 2" OD x 1/8" aluminum
Diagonals are 1" OD x 1/8" aluminum
Fabricated by certified welders

| No. of Sects. | Span ft (mtrs) | Maximum allowable uniform loads | | | Maximum allowable point loads | | | | | |
|--|----------------|---------------------------------|----------------|---------------|-------------------------------|---------------|----------------|---------------|----------------|---------------|
| | | Load lbs/ft | Load lbs (kgs) | Max Defl. in. | center point | | third point | | quarter point | |
| | | | | | Load lbs (kgs) | Max Defl. in. | Load lbs (kgs) | Max Defl. in. | Load lbs (kgs) | Max Defl. in. |
| 5/8" diameter Grade 8 Bolts with standard washers through 3/8" gusset plates | | | | | | | | | | |
| 1 | 10 (3.04) | 446 | 4460 (2023) | 0.14 | 2231 (1012) | 0.11 | 1673 (759) | 0.14 | 1116 (506) | 0.13 |
| 2 | 20 (6.09) | 106 | 2120 (962) | 0.54 | 1063 (482) | 0.44 | 797 (362) | 0.56 | 531 (241) | 0.52 |
| 3 | 30 (9.14) | 43 | 1290 (585) | 1.22 | 650 (295) | 1.01 | 487 (221) | 1.25 | 325 (147) | 1.17 |
| 4 | 40 (12.21) | 21 | 840 (381) | 2.16 | 426 (193) | 1.85 | 319 (145) | 2.21 | 213 (97) | 2.10 |

Note: Deflections reported in the above tables are maximum expected for full loadings (indoors only). All loads are based on 10' (3.04 m) sections. Other section lengths are available. Load tables are reprinted from engineering reports developed by Parkhill Smith & Cooper, Inc., structural engineers, and apply to truss fabricated after December, 1989.

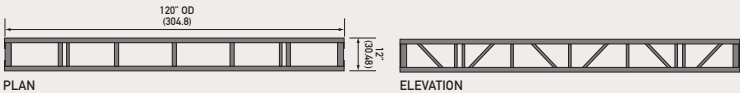
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Connections are single sets of bolts

| Product Description | Item Code | Weight lbs (kgs) |
|---|--------------------|---------------------|
| 5-FT LIGHT DUTY PLATED TRUSS | Bolt TRS 1212-060B | 36 (16) |
| 8-FT LIGHT DUTY PLATED TRUSS | Bolt TRS 1212-096B | 51 (23) |
| 10-FT LIGHT DUTY PLATED TRUSS | Bolt TRS 1212-120B | 61 (28) |
| LIGHT DUTY PLATED 2-WAY CORNER BLOCK | Bolt TRS 1212-C2B | 16 (7) |
| LIGHT DUTY PLATED 3-WAY CORNER BLOCK | Bolt TRS 1212-C3B | 20 (9) |
| LIGHT DUTY PLATED 4-WAY CORNER BLOCK | Bolt TRS 1212-C4B | 22 (10) |
| LIGHT DUTY PLATED 5-WAY CORNER BLOCK | Bolt TRS 1212-C5B | 26 (12) |
| LIGHT DUTY PLATED 6-WAY CORNER BLOCK | Bolt TRS 1212-C6B | 28 (13) |
| LIGHT DUTY PLATED HORIZ. ARTICULATING BLOCK | Bolt TRS 1212-AHB | 33 (15) |
| LIGHT DUTY PLATED VERT. ARTICULATING BLOCK | Bolt TRS 1212-AVB | 33 (15) |



PLAN VIEWS 5-Way & 6-Way Available



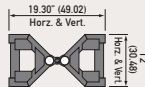
2-Way Corner Block



3-Way Corner Block



4-Way Corner Block



Center Pivot
Horiz. Articulating Block



END
VIEW