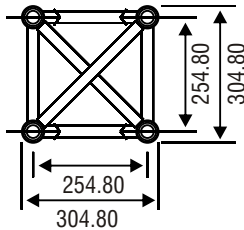


TFL Generic Truss XO Square



The XO truss is a recent innovation from Total Fabrications and is manufactured from a special high strength aluminium alloy. An important feature of this high strength, lightweight truss is that the alloy retains its shiny lustre for years, making it an ideal truss for use in exhibition, television, and corporate markets where presentation really counts. XO truss uses the TFC taper connector.



TFC Connector



Load Table

Span (metres)	3	4	6	8	10	12	14	15
UDL kg	2324	2321	1748	1297	1024	839	704	650
DEFL mm	6	14	35	62	97	141	193	222
CPL kg	1765	1320	874	648	512	419	352	325
DEFL mm	7	12	28	50	79	115	158	182
TPL kg	1162	990	655	486	384	314	264	244
DEFL mm	8	16	36	63	99	144	197	226
QPL kg	775	660	437	324	256	210	176	162
DEFL mm	7	15	33	59	93	134	184	212

- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- Allowance has been made for frequent use factor of 83%
- The payload of the truss has been calculated as a permanent action. Should it be necessary to consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values.

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Material Specifications

Main Cord:	50.8mm x 2mm
Braces:	25.44mm x 2mm
Material:	EN AW-5449 H185
Fixings:	Conical : TFC pins & R3 Clips

Accessories

Circles
Angled Corners
Bespoke Lengths
Hinges and Swivels

Item Codes, Weights and Dimensions

XOS0.5M	XO 0.5M Truss Section	505mm x 305mm x 305mm	5 kg
XOS1M	XO 1M Truss Section	1050mm x 305mm x 305mm	7 kg
XOS1.5M	XO 1.5M Truss Section	1550mm x 305mm x 305mm	11 kg
XOS2M	XO 2M Truss Section	2050mm x 305mm x 305mm	11.5 kg
XOS2.5M	XO 2.5M Truss Section	2550mm x 305mm x 305mm	12 kg
XOS3M	XO 3M Truss Section	3050mm x 305mm x 305mm	16 kg
XOSC4	XO Square 4 Way Corner Section	516mm x 516mm x 305mm	7.5 kg

Design Specification

Manufactured in accordance with
BS EN 1090-3:2008 : Technical Requirements for aluminium structures
EN ISO 9001:2008 : Quality management systems
BS118 The Structural Use of Aluminium
CE Certified

