



TFC Connector



The precision made aluminium tapered spigot fastener provides the range of XO Truss components with a fast, strong and efficient means of connection, using tapered pins and 'R' Clips.

- **Main Chord Dia. 50.8MM Wall Thickness. 2MM**
- **Diag. Chord Dia. 25.4MM Wall Thickness. 2MM**
- **Connection method. TFC Connector inc. Pins & R Clips.**
- **Connection size. 71MM Long Grade 605 Steel Zinc Plated Tapered Pins.**
- **All products are fabricated by coded/ certified welders.**
- **Designed in accordance with BS 8118 The Structural Use of Aluminium.**

WEIGHTS AND DIMENSIONS

DESCRIPTION	DIMENSIONS IN MILLIMETRES	WEIGHT IN KILOS
3 M. SECTION	3050 MM X 305 MM X 305 MM	16 Kg
2.5 M. SECTION	2550 MM X 305 MM X 305 MM	12 Kg
2 M. SECTION	2050 MM X 305 MM X 305 MM	11.5 Kg
1.5 M. SECTION	1550 MM X 305 MM X 305 MM	11 Kg
1 M. SECTION	1050 MM X 305 MM X 305 MM	7 Kg
0.5 M. SECTION	505 MM X 305 MM X 305 MM	5 Kg
CORNER SECTION	516 MM X 516 MM X 305 MM	7.5 Kg

PLEASE NOTE ALL WEIGHTS AND DIMENSIONS ARE APPROXIMATE

SQUARE XO TRUSS LOAD TABLE

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. The truss is offered in three main sizes, 305mm square and triangular and 520mm square, and with the TFC method of connection.

SPAN (METRES)	3	4	5	6	7	8	9	10	11	12	13	14	15
UDL kg	2324	2321	2106	1748	1491	1297	1145	1024	923	839	767	704	650
DEFL mm	6	14	24	35	47	62	79	97	118	141	166	193	222
CPL kg	1765	1320	1053	874	745	648	573	512	462	419	383	352	325
DEFL mm	7	12	19	28	38	50	64	79	96	115	135	158	182
TPL kg	1162	990	790	655	559	486	430	384	346	314	287	264	244
DEFL mm	8	16	25	36	48	63	80	99	121	144	169	197	226
QPL kg	775	660	526	437	373	324	286	256	231	210	192	176	162
DEFL mm	7	15	23	33	45	59	75	93	112	134	158	184	212



We guarantee our products against defective materials and workmanship for as long as the customer owns the product (subject to correct use & annual warranty inspection). Other Terms & Conditions apply - contact TFL for further details.

"The allowable loads are maximum static equivalent loads which can be safely applied to the truss. No allowance has been made for dynamic loads."