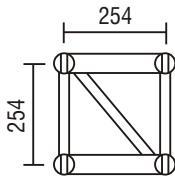


TFL Serious Truss Serious Light Duty



Serious Light Duty Truss has the same overall dimensions as Generic Light Duty Truss, but offers even greater load carrying capacities and spans than the original. The use of thicker chords and diagonals increases the bending and shear strength of the truss which is offered with Fork End connectors as standard.



Load Table

Span (metres)	2	4	6	8	10	12	14	16
UDL kg	3062	3047	2280	1685	1323	1076	896	758
DEFL mm	1	9	23	41	64	93	127	166
CPL kg	3062	1728	1140	843	661	538	448	379
DEFL mm	2	8	19	33	52	76	104	137
TPL kg	1531	1296	855	632	496	404	336	284
DEFL mm	2	10	24	42	66	95	129	169
QPL kg	1021	864	570	421	331	269	224	189
DEFL mm	1	10	22	39	61	88	121	159

- 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.

TFL Serious Truss Serious Light Duty



Material Specifications

Main Cord:	48.44mm x 4.47mm
Braces:	25.44mm x 3.25mm
Material:	EN AW-6082 T6
Fixings:	Fork End : TFT pins & R3 Clips

Accessories

Circles
Angled Corners
Bespoke Lengths
Hinges and Swivels

Item Codes, Weights and Dimensions

SLD5F	Serious LD 5ft Truss Section	1576mm x 305mm x 305mm	17 kg
SLD8F	Serious LD 8ft Truss Section	2499mm x 305mm x 305mm	27 kg
SLD10F	Serious LD 10ft Truss Section	3100mm x 305mm x 305mm	32 kg
SLD1M	Serious LD 1M Truss Section	1026mm x 305mm x 305mm	12 kg
SLD2M	Serious LD 2M Truss Section	2026mm x 305mm x 305mm	22 kg
SLD3M	Serious LD 3M Truss Section	3026mm x 305mm x 305mm	32 kg
SLD4M	Serious LD 4M Truss Section	4026mm x 305mm x 305mm	42 kg
SLDC4M	Serious LD 4 Way Corner Section	465mm x 465mm x 325mm	17 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

