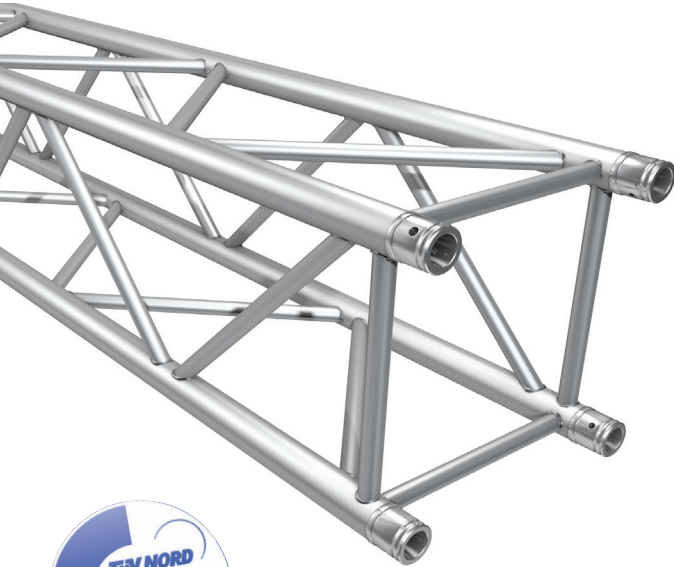


DATA SHEET



F44

F44



Cosmic Truss represents the highest quality and reliability.

Cosmic Truss F44 is a 4-point truss system. The square construction provides optimum strength and loading capacity for its size, with a standard tube diameter of 50mm (2 inch). Section pieces connect together using a conical coupler, which is then secured with a locking pin, and a further safety clip for added security.

Cosmic Truss F44 can be used for a variety of applications, such as exhibitions and corporate events, retail environments as well as in the event industry, as a standard box truss system. F44 has a lightweight design making it easy to store and transport. A full range of corners and angled sections are available. The F44 range is also available to be used in customized designs, and can be supplied in different colored powder coating finishes.

Cosmic Truss products are tested to the stringent TÜV safety standard.

TECHNICAL DATA

Main tube diameter:	1.96in (50mm)
Wall thickness:	0.78in (2mm)
Material:	AlMgSi F31 / T6082
Brace tube diameter:	0.787in x 0.078in (20mm x 2mm)

Conical connectors included

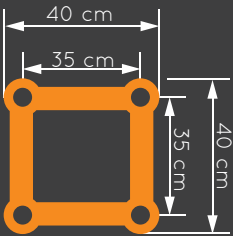


LOAD TABLE

INCLUDED
4x



8x



Weight of the truss is considered in load table.

span	Uniform distribution load	Deflection	Center point load	Deflection	Point load in third-point	Deflection	Point load in quarter-point	Deflection	Point load in fifth-point	Deflection
1	942	.0	573.7	0.0	561.3	0.0	538	0.0	524.6	0.0
2	810	0.06	538	0.03	516.5	0.06	478.4	0.08	457.6	0.07
3	656	0.26	506.4	0.11	478.3	0.21	430.6	0.25	405.8	0.20
4	518	0.66	478.4	0.24	445.5	0.51	391.6	0.53	364.5	0.45
5	408	1.27	453.3	0.45	416.8	0.95	359	0.96	330.8	0.79
6	324	2.09	430.6	0.74	391.6	1.40	331.5	1.53	302.9	1.25
7	236	2.82	410.2	1.12	369.3	1.92	307.8	2.25	279.3	1.83
8	181	3.69	391.6	1.60	349.3	2.65	287.3	3.14	259.1	2.54
9	142	4.64	374.6	2.18	331.5	3.22	269.4	4.18	241.6	3.36
10	114	5.70	359.0	2.86	315.3	4.28	253.6	5.40	226.3	4.32
11	94	6.86	344.7	3.66	300.7	5.42	239.5	6.79	212.9	5.40
12	78	8.10	331.5	4.56	287.3	6.73	226.9	8.37	194.5	6.44
13	66	9.39	319.2	5.59	275.1	8.20	214.4	10.0	177.9	7.48
14	56	10.71	307.8	6.71	263.9	9.68	197.1	11.53	163.6	8.61
15	49	12.40	297.2	7.99	253.6	11.64	182.1	13.10	158.6	10.27
16	42	13.71	287.3	9.37	244.0	13.60	168.8	14.68	140.1	10.97
17	36	14.98	278.1	10.88	235.2	15.70	156.9	16.45	130.2	12.22
18	32	16.75	269.4	12.50	219.3	20.3	146.2	18.16	121.4	13.54



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