

FD 42



Naxpro-Truss FD 42 Truss System



Truss system in 2-point design, especially suitable for exhibition stand and store construction, event technology, as well as a load bearing system for lighting systems. Through the use of compact format and high-load bearing capacity this system is equally well used for simple exhibition stands and highly complex rigging structures.

Through the use of cone connectors, the system is connected actuated by adherence. The connectors are included in delivery. To connect the truss all you need in terms of tools is a small aluminium hammer. Special design constructions and powder-coating are feasible in little time.



Load chart

Span (m)	Distributed load	Deflection	Central single load	Deflection
m	kg/m	mm	kg	mm
1,0	1910,5	0,2	1433,0*	0,2
2,0	953,9	1,5	1170,0*	1,5
3,0	635,0	5,1	993,0*	4,2
4,0	421,9	10,6	843,8	8,5
5,0	269,0	16,6	672,6	13,4
6,0	186,0	24,0	558,0	19,3
7,0	135,9	32,7	475,7	26,3
8,0	103,4	42,7	413,7	34,4
9,0	81,1	54,1	365,1	43,6
10,0	65,2	66,8	326,0	54,0
11,0	53,4	80,9	293,7	65,6
12,0	44,4	96,4	266,6	78,3
13,0	37,5	113,2	243,4	92,3
14,0	31,9	131,5	223,4	107,5
15,0	27,4	151,1	205,8	123,9
16,0	23,8	172,2	190,3	141,7

* limited by interaction with offset / decisive is the offset on the connector
 High uniformly distributed loads are to be understood ideally distributed. The load application has to be made in the knot. The upper main pipe must be held sideways min. every 112,10 cm!
 The load values are calculated using 10.9 bolts.

Errors and alteration excepted



Specifications

Width: 400 mm
 Tube: 50 x 2 mm
 Braces: 25 x 3 mm
 Alloy: EN-AW 6082 T6

Incl. connecting set

