

# FD 31



## Naxpro-Truss FD 31 Truss System

The outstanding strength of this truss system shown in 1-point design is its light weight, its flexibility and its small height. You can combine all FD 31 elements with elements from the Naxpro truss-systems FD 32 - FD 34 and FD 42 - FD 44 and that is why these trusses are a perfect choice for decorative constructions of display holders, geometric figures like cubes and cuboids, publicity frames and balustrades. Due to the enormous flexibility of this system there are no limits to its use.

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	227,3	4,8	113,6	3,8
1,5	100,5	10,8	75,4	8,6
2,0	56,1	19,2	56,1	15,4
2,5	35,6	30,0	44,5	24,2
3,0	24,4	43,2	36,7	34,9
3,5	17,7	59,0	31,0	47,8
4,0	13,3	77,1	26,7	62,8
4,5	10,4	97,8	23,3	80,0
5,0	8,2	121,0	20,5	99,5

The load values are calculated using 10.9 bolts.



**Specifications**  
 Tube: 50 x 2 mm  
 Alloy: EN-AW 6082 T6

**Incl. connecting set**



Errors and alteration excepted