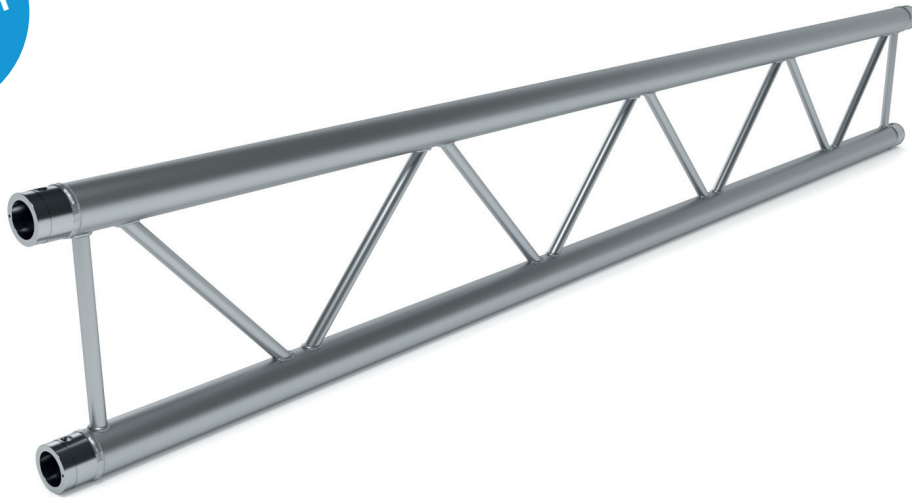




# NX32 LADDER Truss

Heavy Duty  
48.3x3 mm



## NX32 LADDER

The NX32 Ladder truss is engineered from main tubes (48.3 x 3 mm) and braces (16 x 2 mm). It is our mid-sized ladder truss.

Equipped with the NX6 conical coupling system, the NX32 truss is fast and easy to assemble.

Ladder trusses can be used in a broad range of applications. they are usually used indoors for small lighting applications. For example in TV or photo studios, or to install curtains in theatre settings. Ladder Truss is also ideal for a more decorative application in a commercial environment

NX32 truss also has a series of corners and accessories.

## THE ESSENTIALS

- Fast and easy assembly
- Light weight system
- TÜV Approved
- Cross bracing
- 4-point nodes

### Technical specifications

Height	287 mm	11.29 in
Width	48 mm	1.89 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~2.7 kg/mtr	~19.52 lb/ft
Pin Position	Vertical	
Coupling System	NX6	
Alloy	EN AW 6082 T6	

### Diagram





# NX32 LADDER Truss

## Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	457	1.1	914	1.7	457	1.5	304.7	1.4	228.5	1.3
3	303.8	3.7	911.5	5.8	455.7	5	303.8	4.6	227.9	4.4
4	227.2	8.7	812.2	12.4	454.5	11.8	303	11	227.2	10.5
5	181.3	17	647.4	19.3	453.2	23	302.1	21.4	226.6	20.5
6	150.6	29.3	537.2	27.9	402.9	35.5	268.6	33	223.8	35
7	128.7	46.6	458	38.1	343.5	48.4	229	45	190.8	47.7
8	99.6	61.9	398.4	49.8	298.8	63.2	199.2	58.8	166	62.3
9	78.2	78.3	351.7	63.2	263.8	80	175.8	74.6	146.5	78.9
10	62.8	96.8	314.1	78.3	235.6	98.9	157	92.2	130.9	97.5

## Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	307	0	2015	1	1008	1	672	1	504	1
9,8	204	1	2010	2	1005	2	670	2	502	2
13,1	153	3	1791	5	1002	5	668	4	501	4
16,4	122	7	1427	8	999	9	666	8	500	8
19,7	101	12	1184	11	888	14	592	13	493	14
22,97	86	18	1010	15	757	19	505	18	421	19
26,25	66,9	24,4	878,3	19,6	658,7	24,9	439,2	23,1	366,0	24,5
29,53	52,5	30,8	775,4	24,9	581,6	31,5	387,6	29,4	323,0	31,1
32,81	42,2	38,1	692,5	30,8	519,4	38,9	346,1	36,3	288,6	38,4

- High values of distributed loads are idealized. Loads must be applied to node points!
- Full loading tables are available on request.