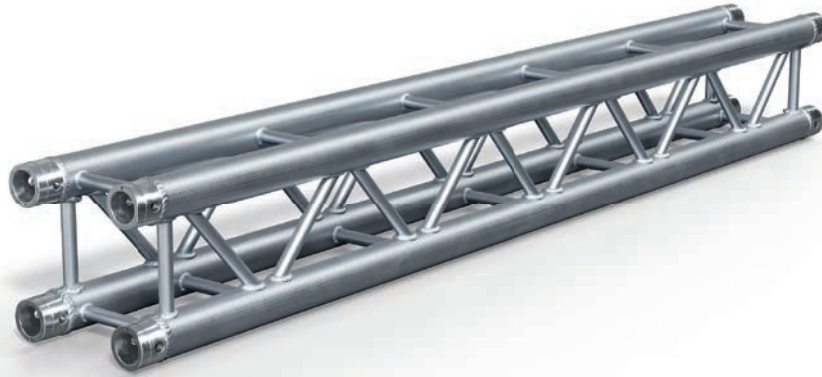




NH24 SQUARE Truss



Heavy Duty
48.3x3 mm



NH24 SQUARE

The smallest available truss in our truss series is the NH24, with its size of 198 x 198 mm it is perfect to use where a low height is necessary but medium to heavy load capacity is necessary.

The NH24 truss is made from 48.3x3mm main tubes combined with 16x2 braces. On the side the bracing pattern is diagonal, on top and bottom horizontal.

Integrated with the standard NC1 coupling system it's the perfect truss with minimum storage, trucking, and installation space. It is perfect for use in the exhibition, retail industry and rental market.

Horizontal pin position assures fast and easy setups.

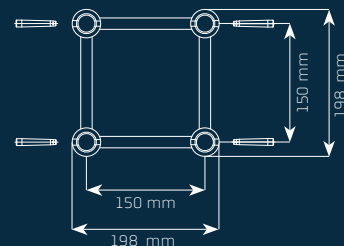
THE ESSENTIALS

- Fast and easy assembly
- Small & Strong
- TÜV Approved
- Perfect for retail & fixed installations
- Takes minimal storage space

Technical specifications

Height	198 mm	7.80 in
Width	198 mm	7.80 in
Size Main Tube	48.3x3 mm	1.90 x 0.11 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~6.5 kg/mtr	~4.4 lb/ft
Pin Position	Horizontal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram





NH24 Loading charts



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
1	2567	0,5	2567	0,7	1284	0,6	856	0,6	642	0,6
2	1281	3,7	1767*	4,1	1191*	4,7	854	4,7	640	4,5
3	852	12,6	1256*	10	881*	11,9	662*	12,4	535*	12,8
4	509	24	968*	18,3	695*	22,3	499*	22,4	407*	23,2
5	323	37,5	777*	29	565*	35,7	397*	35	327*	36,7
6	223	54,1	649*	42,3	477*	52,6	328*	50,4	273*	53,4
8	122	96,3	482*	76,6	358*	95,6	243*	90,9	203*	96,1
10	76	151	375*	121	281*	151,2	189*	142,7	158*	150,7
12	51	218,1	302*	176,4	229*	220,5	152*	206,6	127*	217,7

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
3,3	1726	0	5661	0	2831	0	1887	0	1415	0
6,6	861	1	3896*	2	2626*	2	1883	2	1412	2
9,8	573	5	2769*	4	1942*	5	1459*	5	1179*	5
13,1	342	9	2134*	7	1532*	9	1100*	9	897*	9
16,4	218	15	1713*	11	1246*	14	875*	14	721*	14
19,7	150	21	1431*	17	1052*	21	723*	20	602*	21
26,2	83	38	1063*	30	789*	38	536*	36	448*	38
32,8	51	59	827*	48	619*	60	417*	56	348*	59
39,4	34	86	666*	69	505*	87	335*	81	280*	86

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

* limited by interaction of shear and moment at the connection
Displacement connection is decisive!