FD34 Square Truss

FD34 is the classic 29cm box truss that has proven itself over the years as the ultimate multipurpose truss. The straight elements lend themselves perfectly for spans up to 16m or as standard tower elements.

A wide variety of corners and accessories is available for this type of truss, such as Fixed Corners, Corner Blocks and Book Corners.

Designed for high frequency usage or installations, which demand higher loading. The perfect trussing system for rental, touring and exhibition companies.

Made with the fast CS1 connection system

Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- FD34 is also available as a Tower Truss

Specifications FD34

Height:	290 mm	Weight:	~6 kg/m
Width:	290 mm	Pin Position:	Diagonal
Main Tube:	50 x 2 mm	Material:	EN AW-6082 T6
Braces:	20 x 2 mm	Connection:	CS1 - CON

Productcode	Description
FD34-025A	FD34 Box Truss Length 25cm
FD34-029	FD34 Box Truss Length 29cm
FD34-050	FD34 Box Truss Length 50cm
FD34-075	FD34 Box Truss Length 75cm
FD34-100	FD34 Box Truss Length 100cm
FD34-150	FD34 Box Truss Length 150cm
FD34-200	FD34 Box Truss Length 200cm
FD34-250	FD34 Box Truss Length 250cm
FD34-300	FD34 Box Truss Length 300cm
FD34-350	FD34 Box Truss Length 350cm
FD34-400	FD34 Box Truss Length 400cm

Custom lengths are available upon request

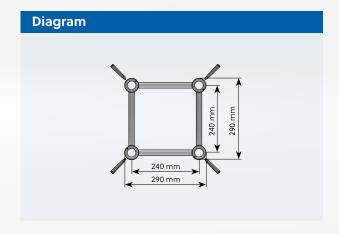## Diagram

240 mm
290 mm
240 mm
290 mm

FD34 Square Truss Loading Charts

Moltalk - DTV Program - 2020

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
6	254	35	761	28	565	35	380	33	317	35
9	110	78	494	63	370	80	247	74	206	78
12	59	139	356	114	267	142	178	133	149	141
14	42	190	296	157	222	194	148	182	123	192
15	36	219	271	181	203	223	135	210	113	221
16	31	250	249	208	187	254	124	239	104	251

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, loading data needs to be multiplied by 0,85.