

HD32 / FD32 Ladder truss

Ladder truss for medium loads

Ladder truss for vertical and horizontal rigs

HD32 / FD32 LADDER TRUSS

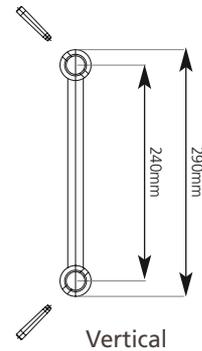
HD32 / FD32 guarantees optimum load bearing capacity up to spans of 8m

Combined with HD34 / FD34 Truss they possess a broad range of applications.

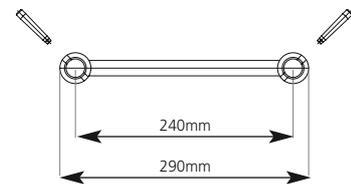
HD32/FD32 straight elements lend themselves to use as span exposed to bending stress, cantilevered up to 4m or supported up to 8m.

Made with the fast connection system and approved according to the DIN 4113 specifications by the TUV.

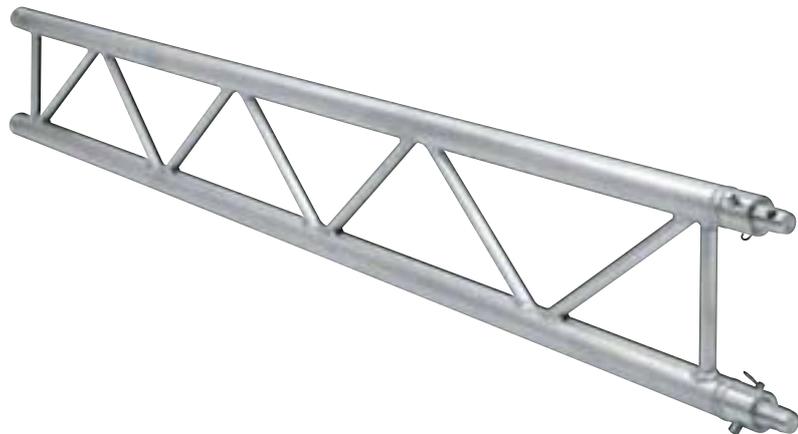
Dimensions HD32 / FD32



Vertical



Horizontal



HD32 TRUSS

FACTS

- Increased wall thickness of 3mm for 50mm main tubes
- Increased loading compared to FD32 (up to 50%)
- Compatible with HD34

FD32 TRUSS

FACTS

- Tolerance free conical connector
- Wall thickness of 2mm for 50mm main tubes
- Compatible with FD34
- Also available in any non-standard length and shape
- TuV approved

Measurements:	HD32	FD32	Loadcases HD32	unsupported:			...every 1,1m supported:				
Main tube:	50x 3mm	50x 2mm	Length (m)	2	3	4	4	5	6	7	8
Braces:	20x 2mm	20x 2mm	CPL in kg	355	103	41	633	504	418	355	309
Material:	EN AW-6082 T6		Deflection (mm)	1	1	1	12	18	25	35	45
Connection:	CS1-CON		UDL in kg/m	355	69	21	266	169	117	85	65
Weight:	~4 kg/m	~3 kg/m	Deflection (mm)	1	1	1	14	22	32	43	57

HD/FD44

HD/FD43

HD/FD42

HD/FD34

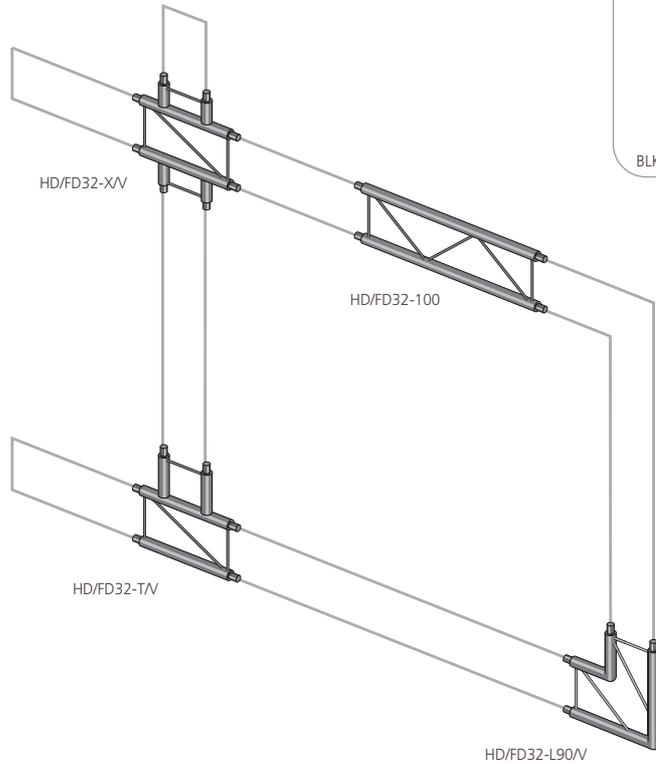
HD/FD33

HD/FD32

HD32 / FD32 Ladder truss

Ladder truss for medium loads

Vertical construction



HD32 / FD32 CORNER

The HD32 / FD32 series allow a wide variety of structural shapes in one level by using corners, cross-pieces and tees.

Optically and statically adapted to fit the straight elements.

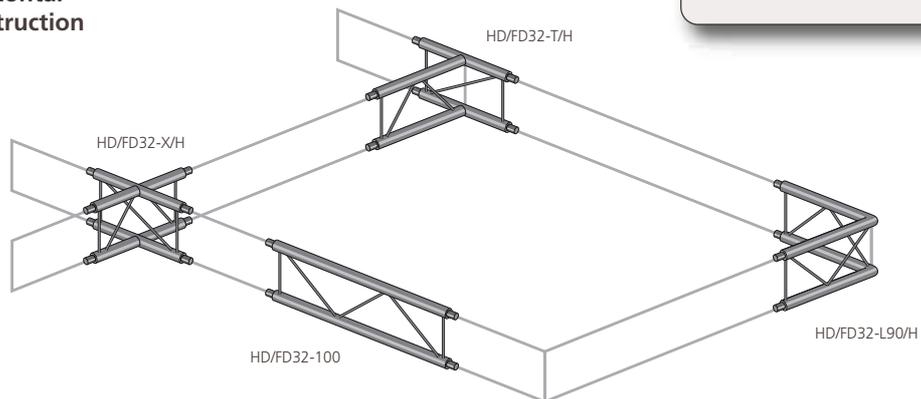
HD32 / FD32 System is suitable for using horizontally and vertically. The load capacity is identical.

Complementary accessories and the article codes of the HD32 System can be found at the page 167. For FD32 System look at page 169.

Measurement Corners for HD32 / FD32

Cornercode	Size in cm
HD/FD32-L45/V (H)	100 x 100
HD/FD32-L60/V (H)	100 x 100
HD/FD32-L90/V (H)	50 x 50
HD/FD32-L120/V (H)	50 x 50
HD/FD32-L135/V (H)	50 x 50
HD/FD32-T/V (H)	50 x 50
HD/FD32-X/V (H)	50 x 50
BLK-32	90° in 4 dir.
CS1-BOB105	105mm*
CS1-BOB210	210mm*

Horizontal construction

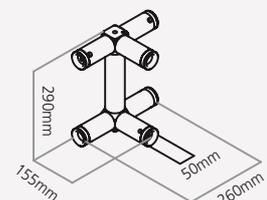


Loadcases FD32

unsupported:

...every 1,1m supported:

Length (m)	2	3	4	4	5	6	7	8
CPL in kg	338	98	39	506	403	334	284	247
Deflection (mm)	1	1	1	11	17	24	33	43
UDL in kg/m	338	66	20	253	161	111	81	62
Deflection (mm)	1	1	1	13	21	30	41	54



*2 pcs. required for one attachment

HD/FD44

HD/FD43

HD/FD42

HD/FD34

HD/FD33

HD/FD32