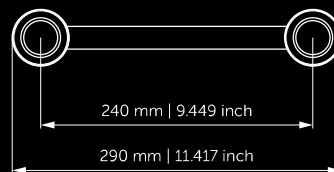
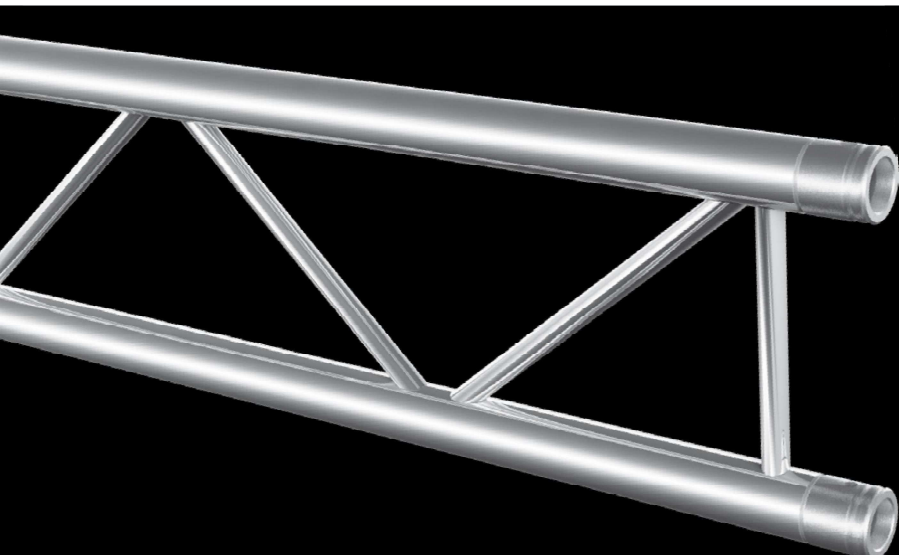


QUICKLOCK LINE FT32 / HT32 double



SPECIFICATIONS FT32

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6



**TECH
SPECS**

SPECIFICATIONS HT32

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6



STRAIGHT SEGMENT LENGTHS FT32

CODE	LENGTH		WEIGHT	
FT32-50	0.5m	1.64ft	1.7kg	3.66lb
FT32-75	0.75m	2.46ft	2.1kg	4.70lb
FT32-100	1m	3.28ft	2.6kg	5.80lb
FT32-150	1.5m	4.92ft	3.6kg	8.03lb
FT32-200	2m	6.56ft	4.6kg	10.23lb
FT32-250	2.5m	8.20ft	5.7kg	12.46lb
FT32-300	3m	9.84ft	6.7kg	14.66lb
FT32-350	3.5m	11.48ft	7.7kg	16.87lb
FT32-400	4m	13.12ft	8.7kg	19.10lb
FT32-450	4.5m	14.76ft	9.7kg	21.30lb
FT32-500	5m	16.40ft	10.7kg	23.53lb

STRAIGHT SEGMENT LENGTHS HT32

CODE	LENGTH		WEIGHT	
HT32-50	0.5m	1.64ft	1.9kg	4.26lb
HT32-75	0.75m	2.46ft	2.6kg	5.76lb
HT32-100	1m	3.28ft	3.3kg	7.23lb
HT32-150	1.5m	4.92ft	4.7kg	10.30lb
HT32-200	2m	6.56ft	6.1kg	13.34lb
HT32-250	2.5m	8.20ft	7.4kg	16.38lb
HT32-300	3m	9.84ft	8.8kg	19.45lb
HT32-350	3.5m	11.48ft	10.2kg	22.47lb
HT32-400	4m	13.12ft	11.6kg	25.56lb
HT32-450	4.5m	14.76ft	13.0kg	28.67lb
HT32-500	5m	16.40ft	14.4kg	31.64lb

LOADING TABLES FT32 / HT32

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	673	710	166	254	76	115	43	64	27	40	18	27
Deflection [mm]	2.3	1.7	9.3	9.6	21.9	22.3	39.8	40.4	63.7	64.2	94	94.1
Point load [kg]	673	1027	333	508	228	344	170	256	135	202	110	165
Deflection [mm]	1.9	1.9	7.4	7.7	17.6	18	32.3	32.8	52.5	52.5	77.7	77.5
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	452.3	477.2	111.6	170.7	51.1	77.3	28.9	43	18.1	26.9	12.1	18.1
Deflection [inch]	0.1	0.1	0.4	0.4	0.9	0.9	1.6	1.6	2.5	2.5	3.7	3.7
Point load [lb]	1484	2264.5	734.3	1120.1	502.7	758.5	374.9	564.5	297.7	445.4	242.6	363.8
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.7	1.3	1.3	2.1	2.1	3.1	3.1

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1m for the loading tables to be valid.

CORNERS

FT32-C19-H

 4.0kg
(8.81lb)


2-way 45° corner horizontal



1m (3.28ft)


HT32-C19-H

 5.2kg
(11.57lb)


2-way 45° corner horizontal



1m (3.28ft)


FT32-C20-H

 3.8kg
(8.28lb)


2-way 60° corner horizontal



1m (3.28ft)

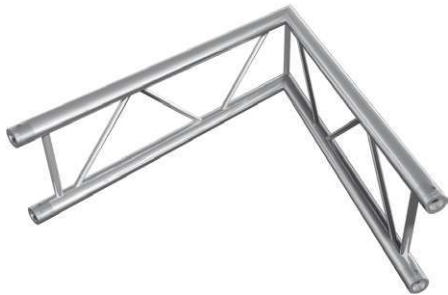
HT32-C20-H

 4.8kg
(10.69lb)


2-way 60° corner horizontal



1m (3.28ft)


FT32-C20-V

 4.6kg
(10.09lb)


2-way 60° corner vertical



1m (3.28ft)


HT32-C20-V

 6.0kg
(13.19lb)


2-way 60° corner vertical



1m (3.28ft)


FT32-C21-H

 2.2kg
(4.80lb)


2-way 90° corner horizontal



0.5m (1.64ft)

HT32-C21-H

 2.7kg
(5.86lb)


2-way 90° corner horizontal



0.5m (1.64ft)

FT32-C21-V

 2.6kg
(5.69lb)


2-way 90° corner vertical



0.5m (1.64ft)

HT32-C21-V

 3.2kg
(7.12lb)


2-way 90° corner vertical



0.5m (1.64ft)


FT32-C22-H

 2.3kg
(5.05lb)


2-way 120° corner horizontal



0.5m (1.64ft)


HT32-C22-H

 2.8kg
(6.25lb)


2-way 120° corner horizontal



0.5m (1.64ft)

FT32-C22-V

 2.6kg
(5.68lb)


2-way 120° corner vertical



0.5m (1.64ft)

HT32-C22-V

 3.2kg
(7.12lb)


2-way 120° corner vertical



0.5m (1.64ft)


FT32-C23-H

 2.4kg
(5.19lb)


2-way 135° corner horizontal



0.5m (1.64ft)

HT32-C23-H

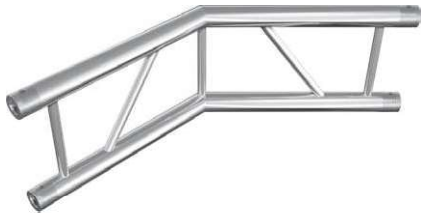
 2.9kg
(6.46lb)


2-way 135° corner horizontal



0.5m (1.64ft)

QUICKLOCK LINE FT32 / HT32 double



FT32-C23-V



2.6kg
(5.69lb)



2-way 135° corner vertical



0.5m (1.64ft)

HT32-C23-V



3.2kg
(7.12lb)



2-way 135° corner vertical



0.5m (1.64ft)



FT32-C30-H



3.4kg
(7.44lb)



3-way 90° corner horizontal



0.5m (1.64ft)

HT32-C30-H



4.2kg
(9.18lb)



3-way 90° corner horizontal



0.5m (1.64ft)



FT32-C30-V



3.4kg
(7.41lb)



3-way 90° corner vertical



0.5m (1.64ft)

HT32-C30-V



4.1kg
(9.07lb)



3-way 90° corner vertical



0.5m (1.64ft)



FT32-T35-H



2.4kg
(5.39lb)



3-way horizontal T-junction



0.5m (1.64ft)

HT32-T35-H



2.8kg
(6.21lb)



3-way horizontal T-junction



0.5m (1.64ft)



FT32-T35-V



2.9kg
(6.41lb)



3-way vertical T-junction



0.5m (1.64ft)

HT32-T35-V



3.5kg
(7.68lb)



3-way vertical T-junction



0.5m (1.64ft)



FT32-C41-H



2.7kg
(6.05lb)



4-way horizontal cross junction



0.5m (1.64ft)

HT32-C41-H



3.1kg
(6.79lb)



4-way horizontal cross junction



0.5m (1.64ft)



FT32-C41-V



3.3kg
(7.23lb)



4-way vertical cross junction



0.5m (1.64ft)

HT32-C41-V



3.8kg
(8.35lb)



4-way vertical cross junction



0.5m (1.64ft)



FT32-T42-H



3.7kg
(8.14lb)



4-way horizontal T-junction



0.5m (1.64ft)

HT32-T42-H



4.4kg
(9.64lb)



4-way horizontal T-junction



0.5m (1.64ft)



FT32-T42-V



3.7kg
(8.14lb)



4-way vertical T-junction



0.5m (1.64ft)

HT32-T42-V



4.4kg
(9.64lb)



4-way vertical T-junction



0.5m (1.64ft)


FT32-C44-H

 3.7kg
(8.07lb)


4-way 90° corner vertical



0.5m (1.64ft)


HT32-C44-H

 4.4kg
(9.65lb)


4-way 90° corner vertical



0.5m (1.64ft)


FT32-31AD

 1kg
(2.21lb)

 FT32-FT31 Adapter / HT32-
HT31 Adapter

HT32-31AD

 1.1kg
(2.43lb)

CIRCLES
FT32-CH

 Circle horizontal
various diameters

HT32-CH
FT32-CV

 Circle vertical
various diameters

HT32-CV
