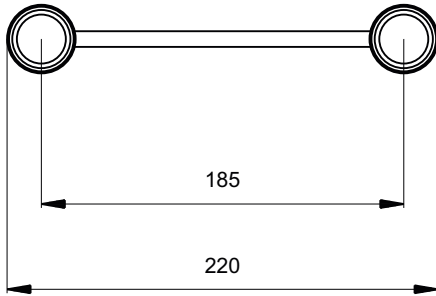
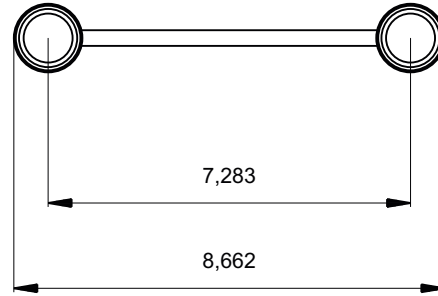


SIZE IN MILLIMETRS



SIZE IN INCHES



SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH		WEIGHT	
FT22-50	0.5m	1.64ft	0.8kg	1.75lbs
FT22-75	0.75m	2.46ft	1.1kg	2.45lbs
FT22-100	1m	3.28ft	1.3kg	2.80lbs
FT22-150	1.5m	4.92ft	2.1kg	4.62lbs
FT22-200	2m	6.56ft	2.8kg	6.10lbs
FT22-250	2.5m	8.20ft	3.4kg	7.54lbs
FT22-300	3m	9.84ft	4.1kg	8.98lbs
FT22-350	3.5m	11.48ft	4.7kg	10.44lbs
FT22-400	4m	13.12ft	5.4kg	11.88lbs

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	101	67	48	21	11	7
Deflection [mm]	0.9	2.9	6.6	15.5	27.7	43.6
Point load [kg]	196	129	96	63	44	33
Deflection [mm]	1.3	3	5.4	12.6	22.9	36.7
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	67.9	45	32.3	14.1	7.4	4.7
Deflection [inch]	0.04	0.1	0.3	0.6	1.1	1.7
Point load [lb]	432.2	284.4	211.7	138.9	97	72.8
Deflection [inch]	0.1	0.1	0.2	0.5	0.9	1.4

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.