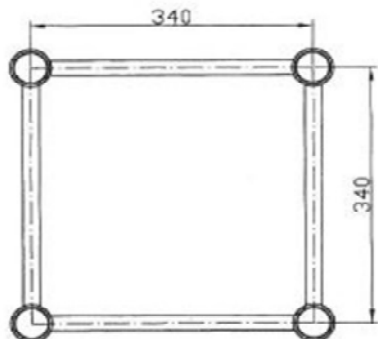


alutruss QUADLOCK TQ390 4-Way Cross Beam



Size in millimeters

System components (straights):		
Designation	No.	Weight (kg)
QUADLOCK TQ390- 500	60306010	4,2
QUADLOCK TQ390- 1000	60306015	6,4
QUADLOCK TQ390- 2000	60306020	10,9
QUADLOCK TQ390- 2500	60306025	13,1
QUADLOCK TQ390- 3000	60306030	15,3
QUADLOCK TQ390- 4000	60306035	19,8
QUADLOCK TQ390- 5000	60306040	24,2

Material used:

Alloy	EN-AW 6082 T6 (AlSi1MgMn)
Main chords	50 x 2 mm
Braces	20 x 2 mm
Accessory/truss	4x connecting cone, 8x pivot, 8x pin
Item No.	60302895

Load table QUADLOCK TQ390:				
Span (m)	Point load (kg)	Deflection (mm)	UDL (kg/m)	Deflection (mm)
2	2357	1,8	2034	2,0
4	1178	7,4	589	9,2
6	786	16,6	262	20,8
8	589	29,5	148	36,9
10	471	46,1	94	57,7
12	392	66,4	65	83,0
14	336	90,4	48	113,0
16	295	118,1	37	147,6

Maximum system length: 16 meters

The load capacities given in this load table are based on calculations in accordance with EUROCODE 9 and do not include the net weight of the product. This load table is valid only for linear segments of the cross beam system ALUTRUS QUADLOCK TQ390 4-Way Cross Beam.

This product has been designed for static loads only. No dynamic loads. If dynamic loads are to be attached to the system, the user has to provide appropriate proof.

Loads are to be attached only to the intersections of the braces and main chords. That applies to loads distributed over the carrier length too.

The cross beams and connectors must be checked for damages and deformations before each use.

For BS and ANSI compliance multiply the given capacities with 0.85.



Stand:
16.01.2018