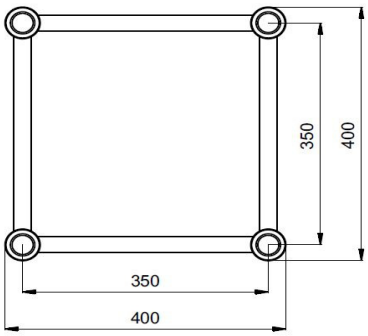
QUADLOCK GL400
4-Way Cross Beam



Size in millimeters

System components (straights):		
Designation	No.	Weight (kg)
QUADLOCK GL400- 500	6030629A	5,6
QUADLOCK GL400- 1000	6030629C	9,7
QUADLOCK GL400- 1500	6030629E	13,4
QUADLOCK GL400- 2000	6030629G	16,9
QUADLOCK GL400- 2500	6030629J	20,6
QUADLOCK GL400- 3000	6030629L	24,6
QUADLOCK GL400- 3500	6030629N	28,1
QUADLOCK GL400- 4000	6030629P	31,9
QUADLOCK GL400- 5000	6030629R	39,4

Material used:

Alloy	EN-AW 6082 T6 (AlSi1MgMn)
Main chords	50 x 3 mm
Braces	25 x 3 mm
Accessory/truss	4x connecting cone, 8x pivot, 8x pin
Item No.	60302895

Load table QUADLOCK GL400:				
Span	Point load	Deflection	UDL	Deflection
(m)	(kg)	(mm)	(kg/m)	(mm)
2	3267	1,4	2327	1,3
4	1803	6,4	901	8,0
6	1252	15,2	417	18,9
8	971	28,5	243	35,4
10	811	47,6	162	58,8
12	675	70,5	112	86,5
14	573	98,3	82	119,8
16	477	127,8	61	158,7

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 ALUTRUSS QUADLOCK GL400 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 appropiate 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.
This product is subject to production control by TÜV Nord.

CE

Stand:
24.04.2015