

# alutruss DECOLOCK DQ1 1-Way Cross Beam

System components (straights):		
Designation	No.	Weight (kg)
DECOLOCK DQ1- 500	60301480	0,4
DECOLOCK DQ1- 1000	60301482	0,6
DECOLOCK DQ1- 1500	60301484	0,9
DECOLOCK DQ1- 2000	60301486	1,2
DECOLOCK DQ1- 2500	60301488	1,4
DECOLOCK DQ1- 3000	60301489	1,7

**Material used:**

Alloy EN-AW 6060 T66 (AlMgSi0,5)  
 Main chords 35 x 2 mm  
 Accessory/truss 1x connecting cone, 2x pivot, 2x pin  
 Item No. 6030178U

Load table DECOLOCK DQ1:				
Span (m)	Point load (kg)	Deflection (mm)	UDL (kg/m)	Deflection (mm)
1	56	5,9	113	7,4
2	28	23,7	28	29,7
3	19	53,4	13	66,7
4	14	94,9	7	118,6

**Maximum system length: 4 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 DECOLOCK DQ1 1-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.

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.



Stand:  
01.08.2013