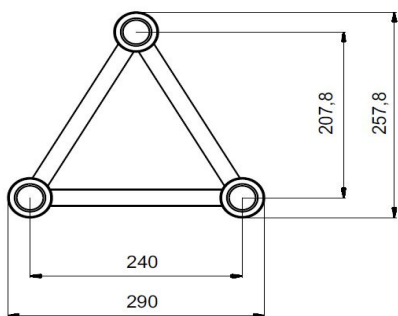


# alutruss TRILOCK 6082 3-Way Cross Beam



Size in millimeters

System components (straights):		
Designation	No.	Weight (kg)
TRILOCK 6082- 210	60302350	1,5
TRILOCK 6082- 290	60302353	1,6
TRILOCK 6082- 500	60302355	1,8
TRILOCK 6082- 710	60302357	2,5
TRILOCK 6082- 1000	60302358	3,8
TRILOCK 6082- 1500	60302359	5,1
TRILOCK 6082- 2000	60302360	6,0
TRILOCK 6082- 2500	60302362	7,8
TRILOCK 6082- 3000	60302364	9,5
TRILOCK 6082- 3500	60302365	11,3
TRILOCK 6082- 4000	60302366	13,1
TRILOCK 6082- 4500	60302367	14,8
TRILOCK 6082- 5000	60302368	16,6

## Material used:

Alloy	EN-AW 6082 T6 (AlSi1MgMn)
Main chords	50 x 2 mm
Braces	16 x 2 mm
Accessory/truss	3x connecting cone, 6x pivot, 6x pin
Item No.	60301895

Load table TRILOCK 6082:				
Span (m)	Point load (kg)	Deflection (mm)	UDL (kg/m)	Deflection (mm)
2	718	2,2	718	2,8
4	359	8,9	179	11,1
6	240	20,0	80	25,0
8	179	35,6	45	44,5
10	144	55,6	29	69,5
12	119	80,1	20	100,1
14	103	109,0	14	136,3
16	90	142,4	11	178,0

**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 ALUTRUSSE TRILOCK 6082 3-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