

# TRILOCK 6082

TRILOCK 6082 is a 3-point truss system made of aluminium. The individual elements are connected via three cones, pivots and pins. TRILOCK 6082 is made of EN-AW 6082 T6 (AlMgSi1,0 T6) alloy for even higher loads. The advantage of the conical connection system is that the cones completely fit into the main chords so that highest load capacity is guaranteed. The Quick-Lock system enables fast, efficient and highly aesthetic assembly when the truss constructions are frequently assembled and dismantled. The three main chords are made of 50 mm aluminium tube with 2 mm wall thickness and offer a good relation between strength and weight. The braces have a diameter of 16 mm with 2 mm wall thickness and leave enough space for installing couplers, hooks and clamps. With 290 and 257 mm outer dimensions, TRILOCK QTTR is a stable truss system for higher loads and extended durability. This system is mainly designed for intense use in stage installations, fair installations, event installations but also for permanent installations in discotheques and theatres.

**Materials used:**

Alloy EN-AW 6082 T6 (AlMgSi1,0 T6)  
 Main chords 50 x 2 mm  
 Braces 16 x 2 mm  
 Accessory/truss 3 x connecting cone, pivot, pin

Load table 6082:				
Span (m)	Point load (kg)	Deflection (mm)	UDL (kg/m)	Deflection (mm)
1	725	1,6	650	2,1
1,5	660	2,2	380	3,1
2	600	2,9	250	4,8
3	490	5,8	108	7,4
4	415	10,5	62	12,6
5	350	16,5	42	24,0
6	245	16,8	34	29,0
8	205	33,4	19	52,5
10	160	50,8	12	82,2
12	135	81,3	7,8	115,2

Maximum system-length: 12 meters

**ALUTRUS TRILOCK 6082 3-way cross beam**

- No. 60302350 .....6082-210
- No. 60302353 ..... 6082-290
- No. 60302355 .....6082-500
- No. 60302357 .....6082-710
- No. 60302358 .....6082-1000
- No. 60302359 .....6082-1500
- No. 60302360 .....6082-2000
- No. 60302362 .....6082-2500
- No. 60302364 .....6082-3000
- No. 60302365 .....6082-3500
- No. 60302366 .....6082-4000
- No. 60302367 .....6082-4500
- No. 60302368 .....6082-5000

- Black
- No. 60302530 .....6082-S-210
  - No. 60302531 .....6082-S-290
  - No. 60302532 .....6082-S-500
  - No. 60302534 .....6082-S-1000
  - No. 60302535 .....6082-S-2000
  - No. 60302536 .....6082-S-2500
  - No. 60302537 .....6082-S-3000
  - No. 60302538 .....6082-S-4000
  - No. 60302539 .....6082-S-5000



- Systems are available in RAL and special varnishing on request
- All sizes available
- Near-term delivery



including connecting cone

