

## QUADLOCK QL-ET34

QUADLOCK QL-ET34 is a 4-point truss system made of aluminum. The individual elements are connected via four cones, pivots and pins. QUADLOCK QL-ET34 is made of EN-AW 6082 T6 (AlMgSi1 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 four main chords are made of 50 mm aluminum tube with 2 mm wall thickness and offer a good relation between strength and weight. The braces have a diameter of 20 mm with 2 mm wall thickness and provide stability for this truss system.

With 290 mm outer dimensions, QUADLOCK QL-ET34 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.

Its polished surface makes this universal system a real eyecatcher. Due to its wide range of standard system lengths, corners and accessory, this system is highly versatile and offers unlimited design possibilities.

The production of this truss system is TUV-monitored. The TUV-logo, the load tables and the engineering drawings can be downloaded from the Internet before buying the product! ALUTRUS elements are made in Europe and welded by specially trained welders certified by the German SLV association.

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



### QUADLOCK QL-ET34 4-way cross beam

No. 60306749	.....	QL-ET34-210
No. 6030674B	.....	QL-ET34-290
No. 6030674A	.....	QL-ET34-300
No. 60306752	.....	QL-ET34-500
No. 60306753	.....	QL-ET34-800
No. 60306754	.....	QL-ET34-1000
No. 60306756	.....	QL-ET34-1500
No. 60306758	.....	QL-ET34-2000
No. 60306760	.....	QL-ET34-2500
No. 60306762	.....	QL-ET34-3000
No. 60306764	.....	QL-ET34-3500
No. 60306766	.....	QL-ET34-4000
No. 60306768	.....	QL-ET34-4500
No. 60306770	.....	QL-ET34-5000



#### Verwendete Werkstoffe:

Liegierung EN-AW 6082 T6 (AlMgSi1,0 T6)  
 Gurtrohre 50 x 2 mm  
 Streben 20 x 2 mm  
 Zubehör/Element 4 x Verbindungskonus, Zapfen, Splint

Lasttabelle 6082:				
Spannweite (m)	Punktlast (kg)	Durchbiegung (mm)	Gleichlast (kg/m)	Durchbiegung (mm)
1,0	1500	1,2	1500	1,2
2,0	1500	3,8	773	2,9
2,5	1500	6,7	699	5,2
3,0	1292	8,4	627	7,9
4,0	950	12,8	432	15,8
5,0	798	19,8	274	22,7
6,0	646	26,2	192	31,6
8,0	475	45,5	107	53,6
10,0	380	71,1	72	87,2
12,0	304	100,0	47	119,1

Maximale Systemlänge: 12 Meter

