

HEIGHT-ADJUSTABLE OVERRUN DEVICE COMPACT

510 to 1,000 kg

YOUR ADVANTAGE

Time is money

Commercial operators in particular appreciate trailer concepts that permit all kinds of towing vehicles (cars, trucks) to be changed flexibly and quickly.

The height-adjustable overrun devices represent a successful product line from AI-KO which has conquered the European market.

|| Fully mounted unit

(without hitch components)

|| Hot-dip galvanised

|| Delivery time 10 working days

(see following product page)

|| Accessories can be retrofitted

|| Changeover relay lever for certain types

(see following product page)

TECHNOLOGY

|| The hitch components must be replaced by a specialist workshop.

|| The maximum free drawbar lengths are shown in the following table.

All clamping mounts can be clamped.

If the clamping mounts are welded, the max. free drawbar length will be reduced.

SURFACE TREATMENT

|| Hot-dip galvanised

|| Coupling heads, eyes and various small parts galvanised

SCOPE OF SUPPLY

Please order:

|| **Loose hitch components**
(see following product page)

Scope of delivery:

Hitch component with fastening screws

|| **Overrun device cpl. mounted without hitch components**

Scope of delivery:

- Overrun device
- Intermediate piece
- Transmission device (cable)
- Handbrake lever (gas-strut-assisted)
- Breakaway cable
- Drawbar section
- Transmission device (brake rod)
- Jockey wheel flange with integrated plug holder
- Clamping mount for clamping
- Spacer tubes
- Operating instructions

Additional toothed lock washers in the highly loaded joints – doubling the teeth – a significant advantage compared to conventional tooth heads. This positive-locking connection gives our overrun devices their stability and long service life.

Large ground clearance with low suspension due to the cranked drawbar section and the low structural height of the overrun device.

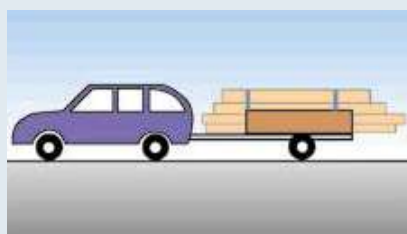
The forces are transmitted directly via cable and brake rod. This means we achieve low-friction force transmission compared to conventional Bowden cable transmission. Consequently, brake force is increased and the braking distance shortened.





Maximum free drawbar lengths	
a) 0° = extended condition	102 VB
b) +50° = max. elevated condition	mm
0° Clamping mount clamped	3,198
0° Clamping mount welded	2,208
50° Clamping mount clamped	2,930
50° Clamping mount welded	1,940

A light special box section even permits free drawbar lengths up to 2,300 mm. The special box section provides maximum stability with the lowest possible inherent weight.



IMPORTANT!

3

Combine AL-KO overrun devices with AL-KO wheel brakes

AL-KO overrun devices comply with the latest ECE Directives. They may only be combined with the corresponding AL-KO wheel brakes. Please note that the brake system will not function with other combinations.

Excessive nose loads

lead to an increase in plain bearing friction forces. This results in a decrease in braking effect. Consequently, please comply with the prescribed nose loads.

Type plates

Type plates must not be rendered illegible by painting or covered by attachments.

Reinforced overrun devices

Overrun devices, drawbars and hitch components of a reinforced version must be installed on trucks, buses or towing vehicles with hard suspension. Please contact us.

OVERRUN DEVICE HEIGHT-ADJUSTABLE

101 VB COMPACT with drawbar section straight 510 to 1,000 kg

TECHNOLOGY

Type overrun device 101 VB COMPACT

Intermediate piece with drawbar section 102 VB Compact

Optional: Intermediate piece 400 mm / 600 mm

Permitted nose load 100 kg

ECE test report no.:

Overrun device: 361-0127-97

ECE type approval no.:

Drawbar installation: E1 55R-01 0211

Changeover relay lever:

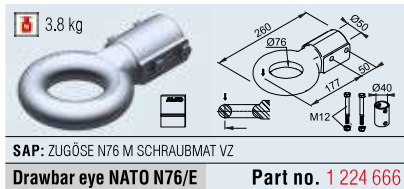
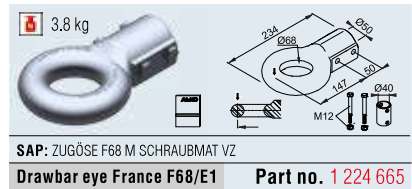
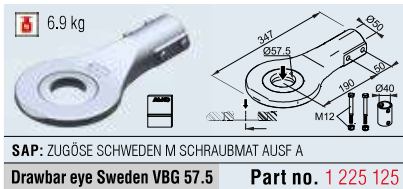
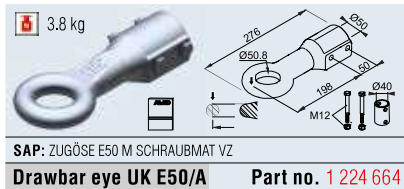
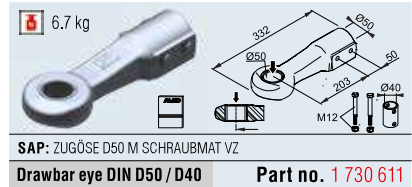
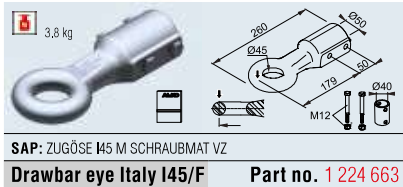
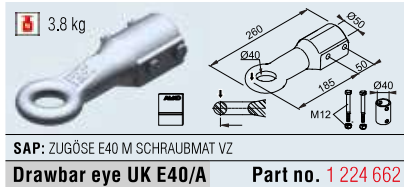
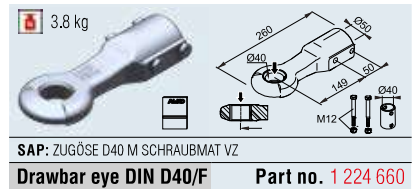
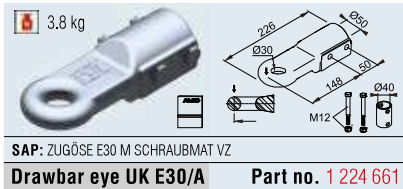
☐ Yes ☒ No



SAP: AE ZSHB 101 VB M DEICHSPR

Overrun device cpl. with drawbar section mounted (without hitch components)						
Drawbar length E in mm	Total length K at 0° DIN drawbar eye	AE cpl. with drawbar section For wheel brake 1637/2051				
1,010	2,150	200 566 01	44.0	—	9	10
1,090	2,230	200 566 02	44.7	—	9	10
1,170	2,310	200 566 03	45.4	—	9	10
1,250	2,390	200 566 04	46.1	—	9	10
1,330	2,470	200 566 05	46.8	—	9	10
1,410	2,550	200 566 06	47.5	—	9	10
1,490	2,630	200 566 07	48.2	—	9	10
1,570	2,710	200 566 08	48.9	—	9	10
1,650	2,790	200 566 09	49.6	—	9	10
1,730	2,870	200 566 10	50.3	—	9	10
1,810	2,950	200 566 11	51.0	—	9	10
1,890	3,030	200 566 12	51.7	—	9	10
1,970	3,110	200 566 13	52.4	—	9	10
2,050	3,190	200 566 14	53.1	—	9	10
2,130	3,270	200 566 15	53.8	—	9	10
2,210	3,350	200 566 16	54.5	—	9	10
2,290	3,430	200 566 17	55.2	—	9	10
2,370	3,510	200 566 18	55.9	—	9	10
2,450	3,590	200 566 19	56.6	—	9	10
2,530	3,670	200 566 20	57.3	—	9	10
2,610	3,750	200 566 21	58.0	—	9	10
2,690	3,830	200 566 22	58.7	—	9	10
2,770	3,910	200 566 23	59.4	—	9	10
2,850	3,990	200 566 24	60.1	—	9	10

Push-on hitch components: Drawbar eyes nose load 100 kg, connection D40 / 101 VB



Overrun device cpl. with drawbar section mounted (without hitch components)

