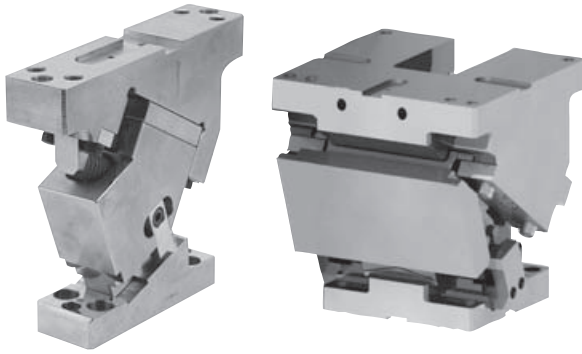


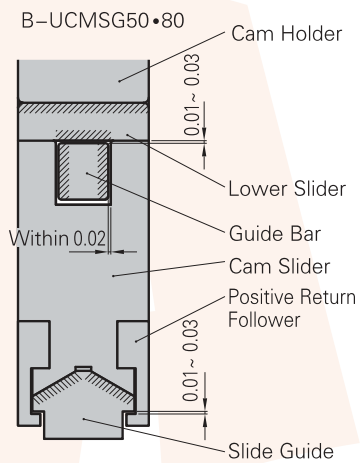
# Aerial Cam Unit

## - UCMSG -

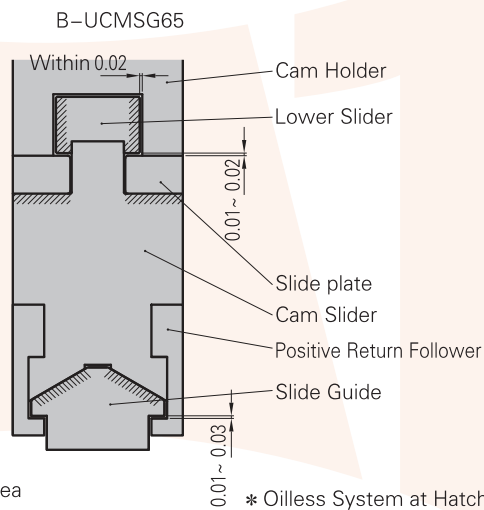


- Highly rigid structure with the overseas automobile manufacturer specification
- 50, 65, 80, 150, 200 and 300 are available for the mount width.
- Available angle is 0° to 65° at increments of 5°.
- ISO springs are used.

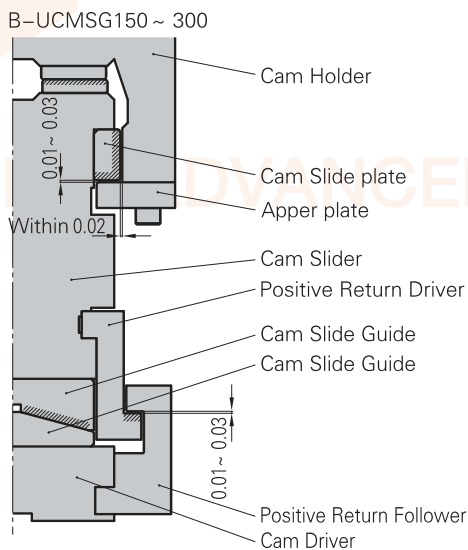
### Slide Structure and Positive Return Structure



\* Oilless System at Hatched Area



\* Oilless System at Hatched Area



\* Oilless System at Hatched Area

- Clearance between cam holder and slider is within 0.02 on one side. It enables the cam to take more thrust.
- Clearance between cam slider (positive return follower) and cam driver is 0.01–0.03. This makes smooth movement for slide and positive return.

■ If a bigger clearance for cam holder or cam slider is needed, please contact BYTE.

# Aerial Cam Unit

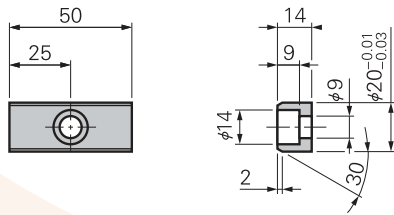
## - UCMSG -

### Option for UCMSG

#### ● Metric Key Specification (-K)

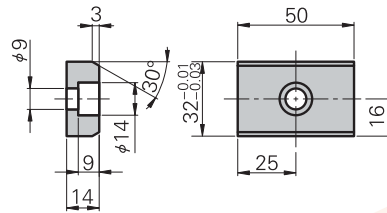
##### B-UCMSG50/65

LKU20-50 (with 3-M8X15 bolts)



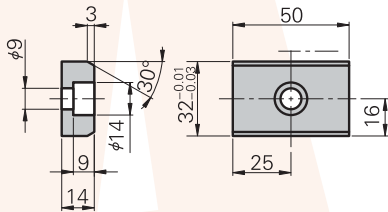
##### B-UCMSG80

LKU32-50 (with 3-M8X15 bolts)



##### B-UCMSG150/200/300

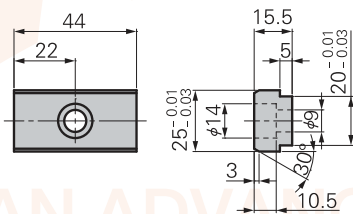
LKU32-50 (with 6-M8X15 bolts)



#### ● Metric Key Specification (-KA)

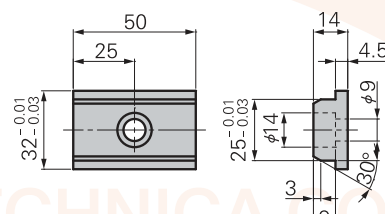
##### B-UCMSG50

LKA25-20-44 (with 3-M8X15 bolts)



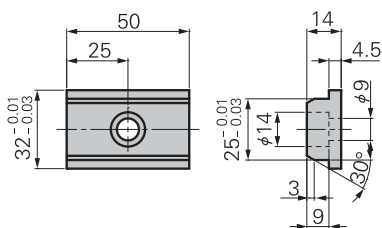
##### B-UCMSG80

LKE25-32-50 (with 3-M8X15 bolts)



##### B-UCMSG150/200/300

LKE25-32-50 (with 6-M8X15 bolts)

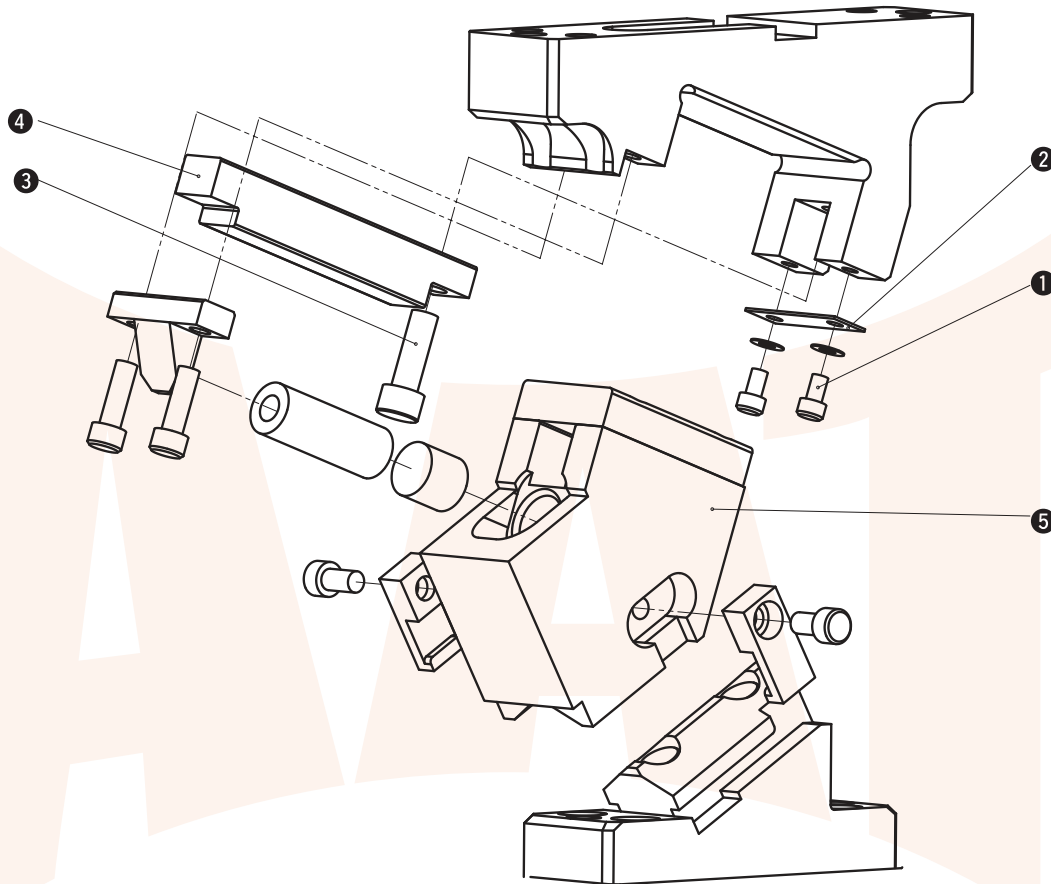


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# Aerial Cam Unit

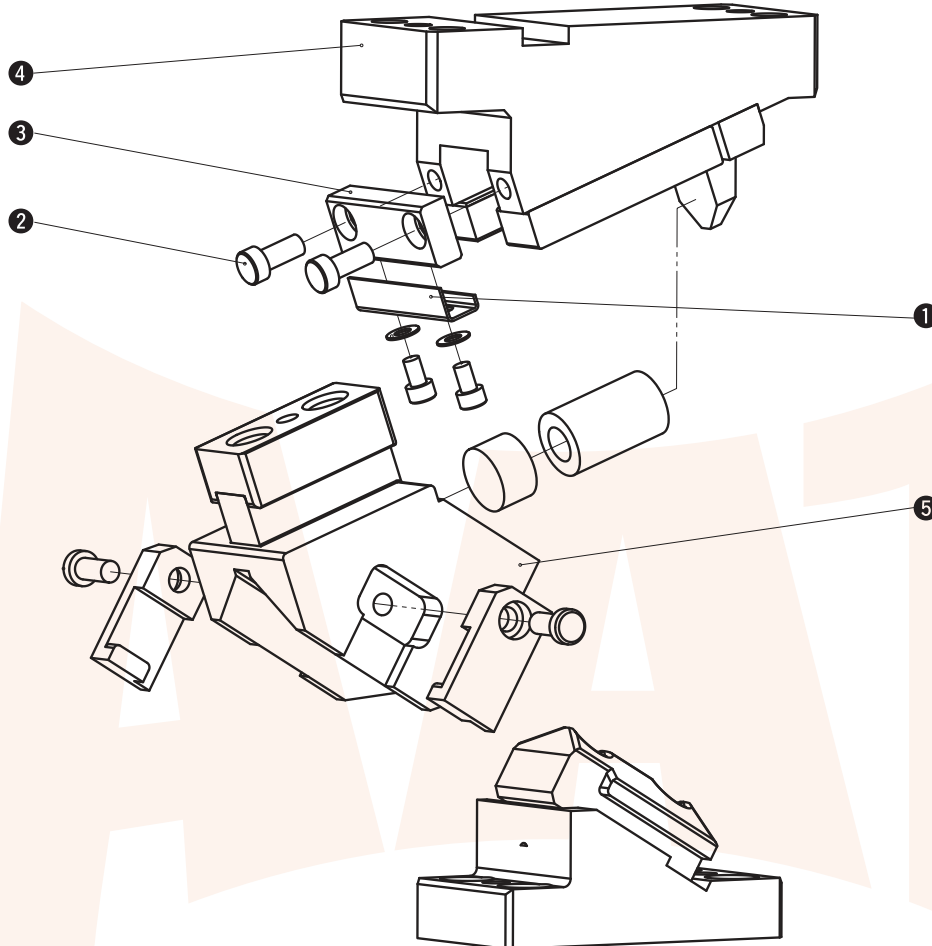
- UCMSG -

## ■ B-UCMSG50 (UCMSG80) Structure and Assembly / Disassembly



- Disassembly method of B-UCMSG50 (same for B-UCMSG80)
  - 1) Remove hexagon socket head bolt ( ① ) and remove safety plate ( ② ).
  - 2) Remove hexagon socket head bolt ( ③ ).
  - 3) Shift guide bar ( ④ ) to the back then remove cam slider ( ⑤ ) from cam holder.
- Assembly method of B-UCMSG50 (same for B-UCMSG80)
  - 1) Assemble components in the reverse order of disassembly.
    - Make sure that there is no foreign matter on the sliding area and assemble components.
    - The clearance between the guide bar/cam slider and the cam holder is controlled. Match the stamped serial number on the holder and slider before assembly.
    - When cam is disassembled and then reassembled, please do not forget to assemble all bolts provided.

## ■ B-UCMSG65 Structure and Assembly / Disassembly



### ● Disassembly method of B-UCMSG65

- 1) Remove safety plate (1).
- 2) Loosen hexagon socket head bolt (2). Remove stopper plate (3).
- 3) Pull cam slider (4) from cam holder (5) to the rear.

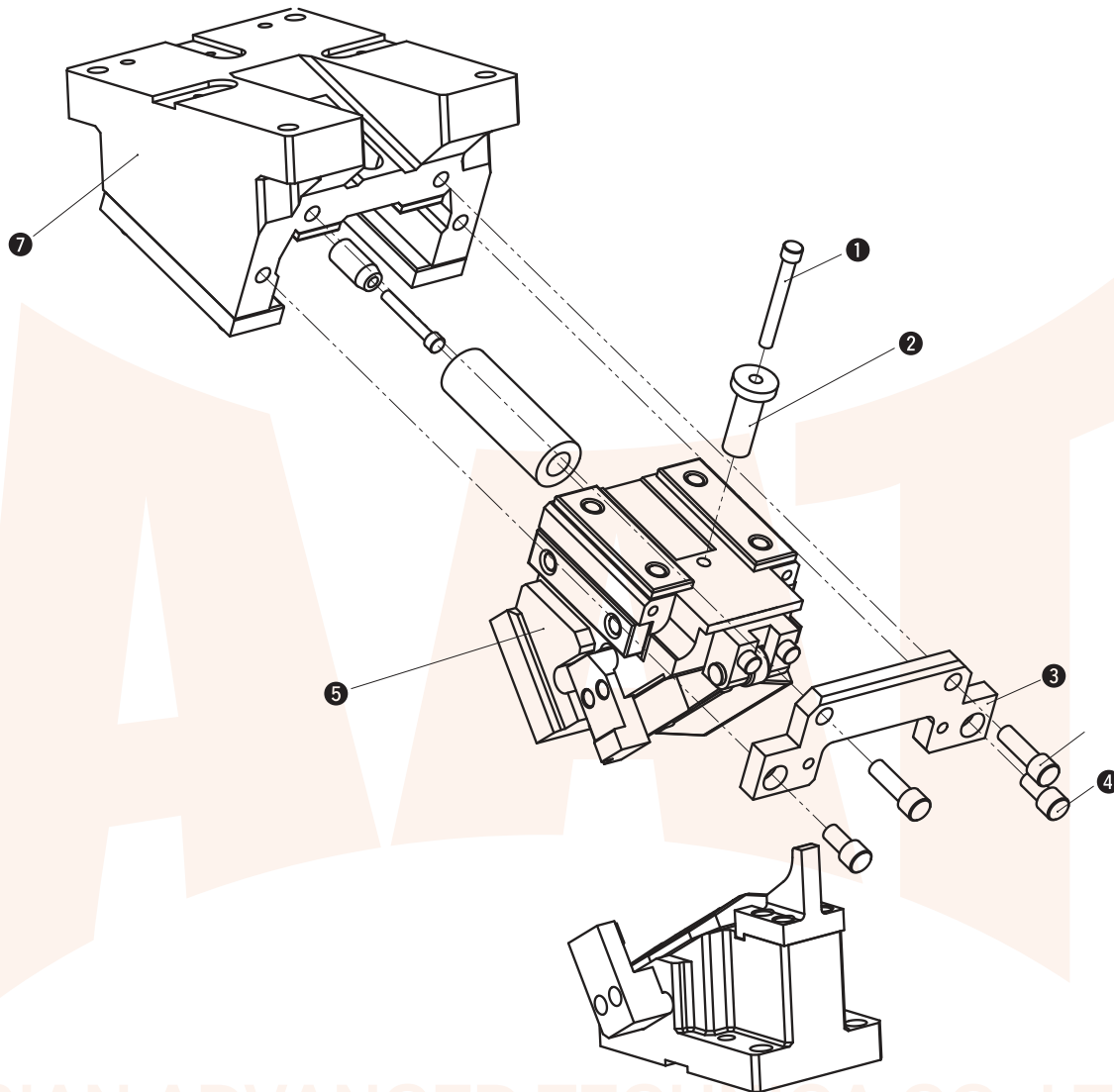
### ● Assembly method of B-UCMSG65

- 1) Assemble components in the reverse order of disassembly.
  - Make sure that there is no foreign matter on the sliding area and assemble components.
  - The clearance between the guide bar/cam slider and the cam holder is controlled. Match the stamped serial number on the holder and slider before assembly.
  - When cam is disassembled and then reassembled, please do not forget to assemble all bolts provided.

# Aerial Cam Unit

- UCMSG -

## ■ B-UCMSG150, 200, 300 Structure and Assembly / Disassembly



### ● Disassembly method of UCMSG150, 200, 300

- 1) Loosen hexagon socket head bolt (1) and remove hanger bolt sleeve (2).
- 2) Loosen hexagon socket head bolt (3, 4) and remove backup plate (5).
- 3) Pull cam slider (6) from cam holder (7) to the rear.

### ● Assembly method of UCMSG150, 200, 300

- 1) Assemble components in the reverse order of disassembly.
  - Make sure that there is no foreign matter on the sliding area and assemble components.
  - The clearance between the guide bar/cam slider and the cam holder is controlled. Match the stamped serial number on the holder and slider before assembly.
  - When cam is disassembled and then reassembled, please do not forget to assemble all bolts provided.