Push button
Cover
Bracket body
Workpiece mounting area
Grub screw
2 × M6
4 × M5
P.C.D.50
Spacer
Nut
60
8
15
9
60
72
190
100
45
30
90°
45°

Type A **Type B**

T slot
Aluminum frame
W
T₁
T₂ min.
(w₁)
(w₂)
(t₁)
(t₂)

● **Procedure of Selection**
① Select either type A or type B, based on the cross-section shape of the T-slot in the aluminum frame.
② Select a part number where W and T_1 match with the dimensions of the T-slot in the aluminum frame.
③ Confirm that the dimensions of the T-slot in the aluminum frame are T_2 or higher.

● Bracket for simple positioning when using the T-slot in a vertical axis aluminum frame.
● Can be mounted to □20 to □80 aluminum frames. For details, refer to Selection Method.
● Push the push button to unlock the lock, smoothly move the bracket vertically, and release the push button to fix it in position.
● It can be moved upward without pushing the push button, just by applying force.
● Load capacity of up to 5 kg.
● Push button press count resistance is 20,000 times (reference value).
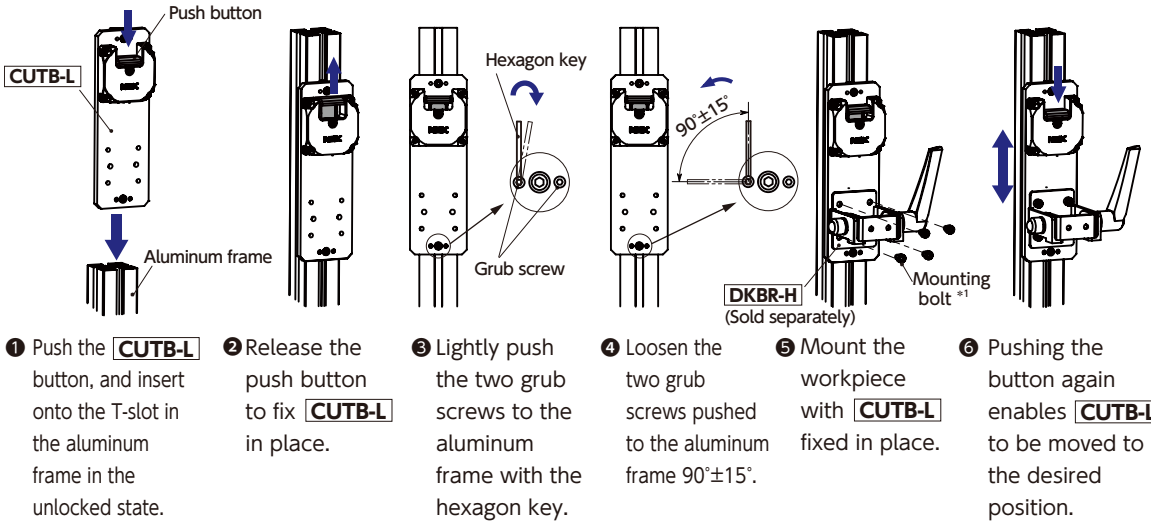
● **Material/Finish** RoHS

		CUTB-L
Bracket Body		A6063 Electrostatic Coating (metallic silver)
Cover		Aluminum Die Cast Electrostatic Coating (metallic silver)
Push Button		Polyacetal (Black)
Nut		Steel
Spacer		Steel
Grub Screw	Thread Part	Chromium-molybdenum Steel Ferrosoferric Oxide Film (Black)
	Pad	Polyacetal (White)

Unit : mm

Part Number ◀1	Nut/Frame Type	w₁	w₂	t₁	t₂	Aluminum Frame			Max. Load Weight (kg)	Mass (g)
						T₁	T₂ min.	W		
CUTB-60-190-A1-L	A	5.8	10	3.6	3.3	2	4	6	5	347
CUTB-60-190-A2-L	A	7.8	15	3.6	5.5	2	7	8	5	366
CUTB-60-190-A3-L	A	9.8	17	7	6	5.5	7	10	5	385
CUTB-60-190-A4-L	A	9.8	17	7.5	6	6	7	10	5	385
CUTB-60-190-B1-L	B	5.3	10	4	5	2.5	5.5	6.3	5	351
CUTB-60-190-B2-L	B	5.3	13.7	5.5	6.5	4	7	8.3	5	356

● **Mounting**

Push button
CUTB-L
Aluminum frame
Hexagon key
Grub screw
90°±15
DKBR-H (Sold separately)
Mounting bolt *1

❶ Push the CUTB-L button, and insert onto the T-slot in the aluminum frame in the unlocked state.
❷ Release the push button to fix CUTB-L in place.
❸ Lightly push the two grub screws to the aluminum frame with the hexagon key.
❹ Loosen the two grub screws pushed to the aluminum frame 90°±15°.
❺ Mount the workpiece with CUTB-L fixed in place.
❻ Pushing the button again enables CUTB-L to be moved to the desired position.

＊1: Mounting bolts are not supplied.

⚠ **Precautions for Use**
● Mount to a vertical axis.
● CUTB-L requires vertical mounting. If mounted upside-down, CUTB-L cannot remain fixed onto aluminum frames.
● Mounting to the aluminum frame with the workpiece mounted onto CUTB-L may prevent the aluminum frame from being fixed in position. Follow the mounting procedure when mounting the workpiece.
● CUTB-L is a product that uses friction fastening. In cases where oil, etc. adhered to the aluminum frame causes the friction coefficient to decrease or if impact loads or vibrations occur, the maximum load weight may decrease.
● When pressing the push button on CUTB-L to move the workpiece, make sure to support CUTB-L or the workpiece with both hands. Pressing the push button may cause a sudden drop, especially if a heavy object is loaded.
● The surface may be scratched depending on the material and surface finish of the aluminum frame.
● If excessive loads are applied, then the aluminum frame may be scratched or CUTB-L may be damaged.
● Pressing the push button while wearing gloves could cause the glove material to get caught between the push button and bracket body. This may prevent the push button from being released, which will prevent the aluminum frame from being fixed in position.

● The grub screw adjusted in steps ❸ and ❹ in the mounting procedure is used to prevent CUTB-L from being tilted with respect to the aluminum frame. If CUTB-L is tilted, it could prevent the aluminum frame from being held properly in position. Make sure to follow the mounting procedure when mounting CUTB-L.
● If the grub screw is loose or worn, it could prevent CUTB-L from fixing the aluminum frame into position. Make sure to follow steps ❸ and ❹ in the mounting procedure.

Aluminum frame
Top
CUTB-U
CUTB-L
Bottom
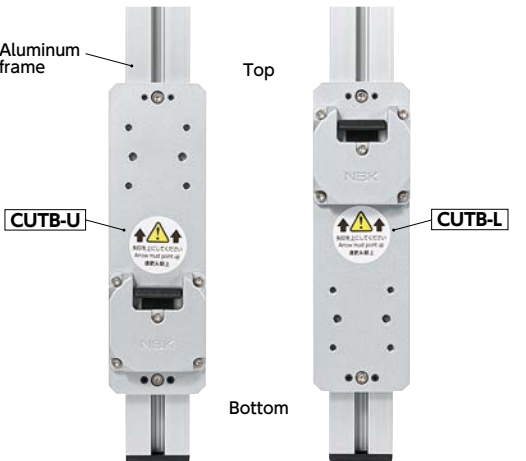
● Take care to pay attention to the vertical orientation when mounting.

● Part number specification

CUTB-60-190-A3-L
◀1