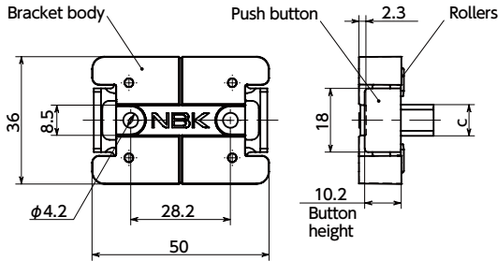
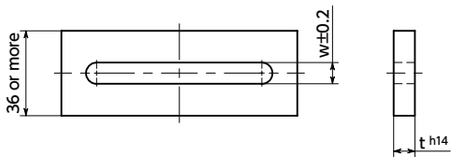
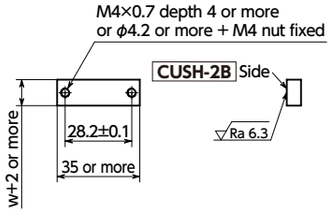
CUSH-2B Quick Positioning Brackets - For Slotted Steel - 2 Button Type Patented



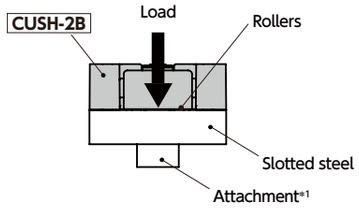
- Applicable Slotted Steel Shape Example



- Attachment Shape Example (Reference)
  Prepare in accordance with the application.
  When the attachment is a thin plate, fix with nuts.



- Brackets for convenient positioning on slotted steel.
- Suited to slide mechanisms using slotted holes.
- Push the push button to unlock the lock and release the push button to fix it in position.
- Operating principle
  CUSH-2B internal rollers push the slotted steel against the attachment to fix it.



*1: Attachment is not supplied.

- Can retain up to 100 N.
- Push button press count resistance is 10,000 times (reference value).
- Material/Finish

RoHS

	CUSH-2B
Bracket Body	Zinc Die Cast Chrome Plating (Matte)
Push Button	Polyacetal (Orange)

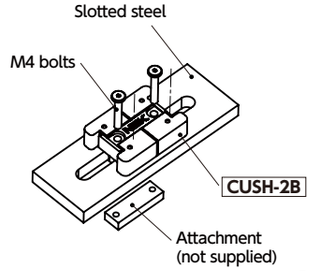
Unit : mm

Part Number 1	b	c	Applicable Slotted Steel		Max. *1	Mass (g)
			t	w (Screw Nominal Diameter)	Retention Force (N)	
CUSH-2B-06-030	15.1	6.4	3	6.6(M6)	100	83
CUSH-2B-06-040	16.1	6.4	4	6.6(M6)	100	84
CUSH-2B-06-050	17.1	6.4	5	6.6(M6)	100	84
CUSH-2B-06-060	18.1	6.4	6	6.6(M6)	100	84
CUSH-2B-06-080	20.1	6.4	8	6.6(M6)	100	85
CUSH-2B-06-090	21.1	6.4	9	6.6(M6)	100	85
CUSH-2B-08-030	15.1	8.8	3	9(M8)	100	84
CUSH-2B-08-040	16.1	8.8	4	9(M8)	100	84
CUSH-2B-08-050	17.1	8.8	5	9(M8)	100	85
CUSH-2B-08-060	18.1	8.8	6	9(M8)	100	86
CUSH-2B-08-080	20.1	8.8	8	9(M8)	100	87
CUSH-2B-08-090	21.1	8.8	9	9(M8)	100	87

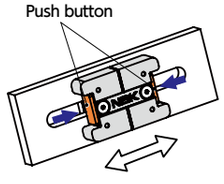
*1: Static load at which CUSH-2B retains the slotted steel.

- Usage

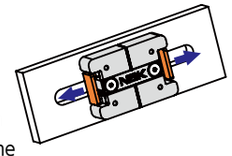
❶ Insert CUSH-2B into the slotted steel and fix it while pushing the button with the two bolts on the attachment mounting surface. If one of the slots is open, the slotted steel enables insertion from behind. A load of 500 N will be generated at the mounting surface if maximum retention force (100 N) is applied. Design the mounting surface to withstand these loads.



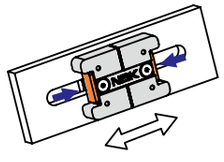
❷ While continuing to push the button, move CUSH-2B to the location it should be fixed.

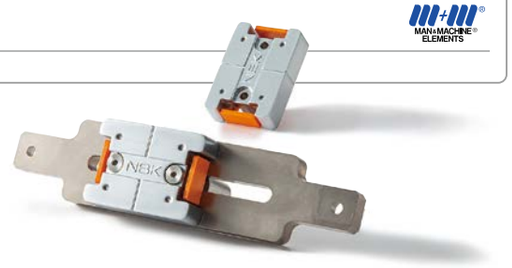


❸ Release the push button to operate the lock mechanism, retaining the slotted steel with CUSH-2B.
The return amount of the push button is in accordance with the thickness of the slotted steel. Increased slotted steel thickness indicates a smaller push button return amount.

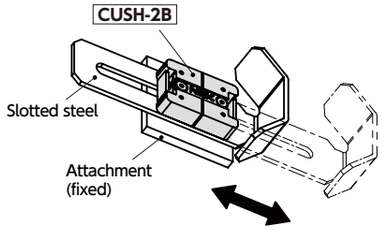


❹ Pushing the button again releases the lock, enabling CUSH-2B or the slotted steel to be moved to the desired position.

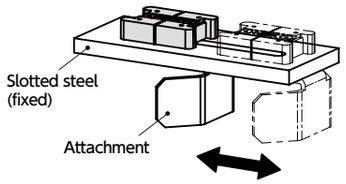




- Usage example
  The slotted steel can be fixed in the desired position.



The use of a mechanism to fix the slotted steel and move CUSH-2B and the attachment to the desired position for fixing is also possible.



⚠ Precautions for Use

- Mount the CUSH-2B bottom on the attachment for use. The slotted steel will not be retained if used without mounting on the attachment.
- If only one side of the push button is pressed after locking, the lock in the direction the push button is pressed will release.
- CUSH-2B is a product that uses friction fastening. In cases where oil, etc. adhered to the slotted steel causes the friction coefficient to decrease or if impact loads or vibrations occur, the maximum retention force may decrease.
- The surface may be scratched depending on the material and surface treatment of the slotted steel.
- If excessive loads are applied, the slotted steel may be scratched or CUSH-2B may be damaged.
- If excessive loads are applied and the push button is locked, operate the push button after loosening the bolts securing CUSH-2B. CUSH-2B may be damaged if operation is forced.
- Part number specification

CUSH-2B-06-050
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