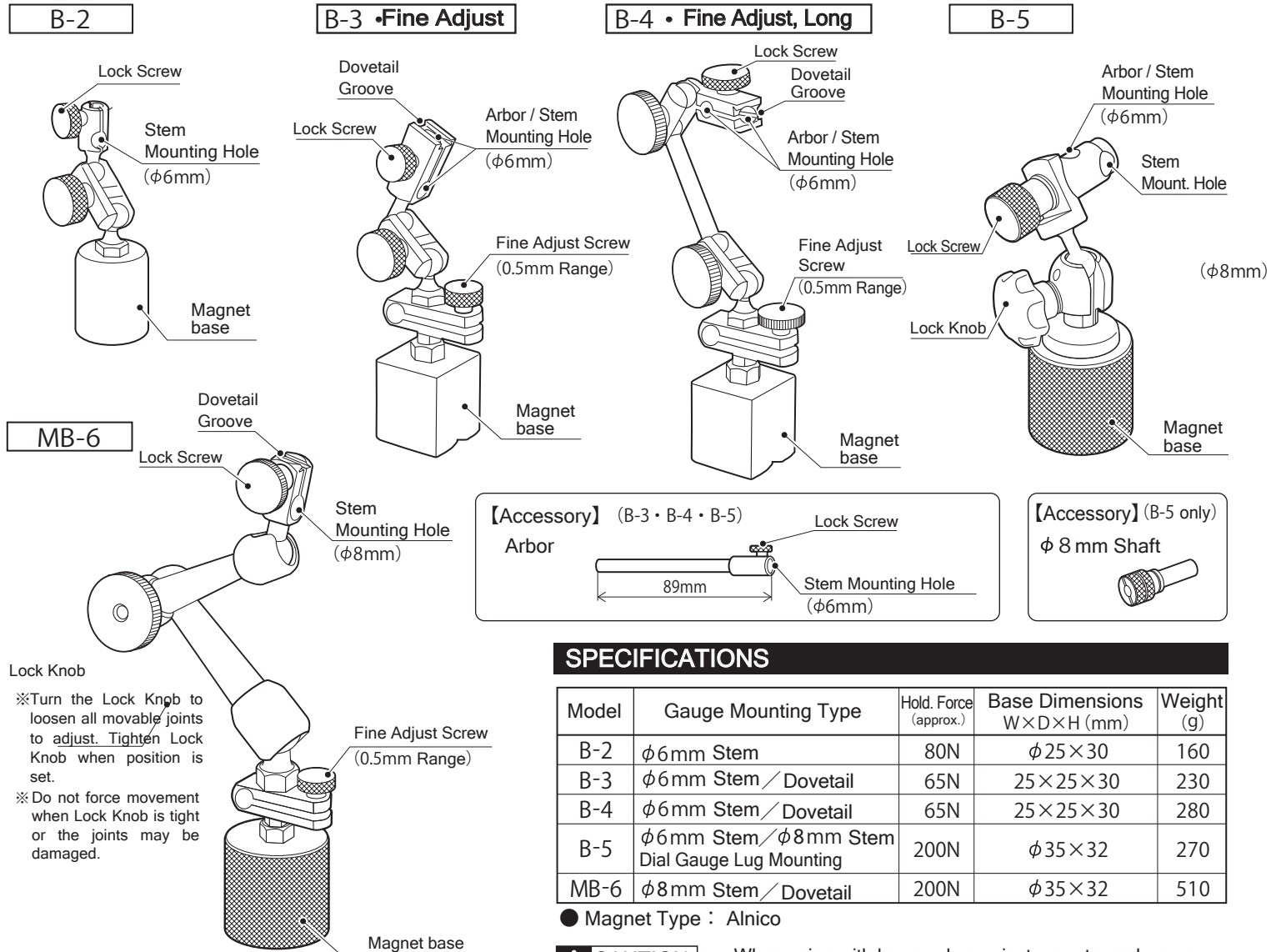


Thank you for purchasing the Niigata Seiki Mini Magnetic Base Indicator Holder.  
Please read this document before use for proper operation.

### PART IDENTIFICATION & FUNCTION



### SPECIFICATIONS

Model	Gauge Mounting Type	Hold. Force (approx.)	Base Dimensions W×D×H (mm)	Weight (g)
B-2	φ6mm Stem	80N	φ 25×30	160
B-3	φ6mm Stem / Dovetail	65N	25×25×30	230
B-4	φ6mm Stem / Dovetail	65N	25×25×30	280
B-5	φ6mm Stem / φ8mm Stem Dial Gauge Lug Mounting	200N	φ 35×32	270
MB-6	φ8mm Stem / Dovetail	200N	φ 35×32	510

● Magnet Type : Alnico

### CAUTION

- When using with large or heavy instruments, make sure holding force from the magnet is adequate to hold the gauge secure.
- If holding force is insufficient, base may fall unexpectedly and cause damage to equipment.
- When using the Arbor attachment, use special care. Base may be unstable in certain mounting positions.

### APPLICATIONS • FEATURES

- Test Indicator holder (lever arm type.)
- Alnico Magnet for high power, and high temperature tolerance.

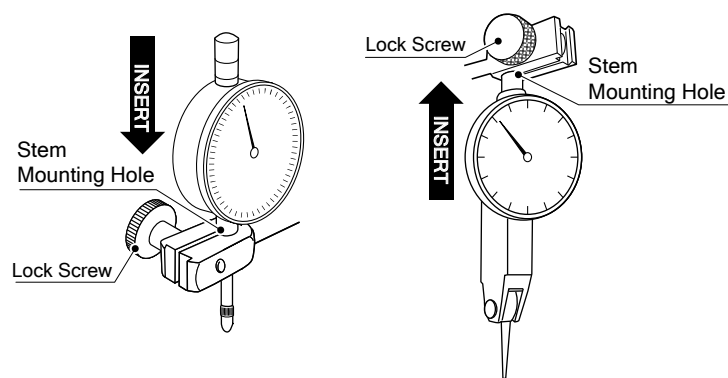
### SAFETY WARNINGS

- Strong magnetic field is present.
  - Keep away from watches and precision instruments, and from computers and recording media. When brought close, magnetic field may cause damage or destroy recorded data.
  - Persons using pacemakers or electronic medical devices should not handle Magnetic Base. Strong magnetic field may be dangerous.
- Magnets create strong forces.
  - Use caution when handling. Near metal, Base can suddenly attract and pinch hand or body causing injury. Use appropriate safety equipment, such as gloves when handling.
- Holding force depends upon surface type.
  - Please note that holding force will be reduced under the following conditions:
    - If surface is thin, the holding force will be reduced allowing the base to easily come loose.
    - For surface materials other than mild steel plate.
- If surface is painted, or dirty, or if surface is uneven.
- The holding force is much greater than the force required to slide the Base. For vertical use, pay special attention to make sure Base will not slide.
- If used on slippery surface, or vibrating machinery, Base may come loose more easily.
- Exposure to high temperatures may cause thermal demagnetization reducing holding force.
- Confirm holding force before use.
  - Cautiously check holding force before applying full weight to confirm that attraction is sufficient for application.
- Product is high power tool intended for use in industrial applications.
  - If used in office or residential environment, please use caution.
- Do not use or store in locations which are hot or have excessive humidity. Magnetic strength may degrade, or magnet may corrode affecting holding force.

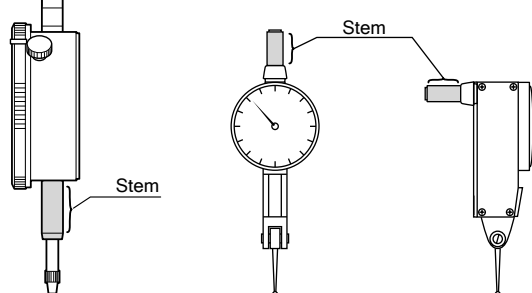
## HOW TO USE

### 1 For Mounting Using Stem Mounting Hole

Loosen Lock Screw and attach by sliding Instrument Stem into the mounting Hole and securing.

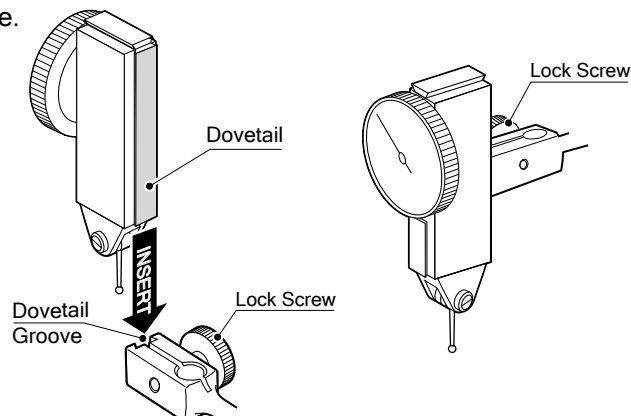


- △ NOTICE**
- Be careful not to over tighten the Lock screw.
  - Make sure the Stem diameter of the gauge matches the hole size.
  - To prevent damaging the Gauge, only attach on the stem area as shown.



### 2 For Mounting Using Dovetail (B-3 • B-4 • MB-6)

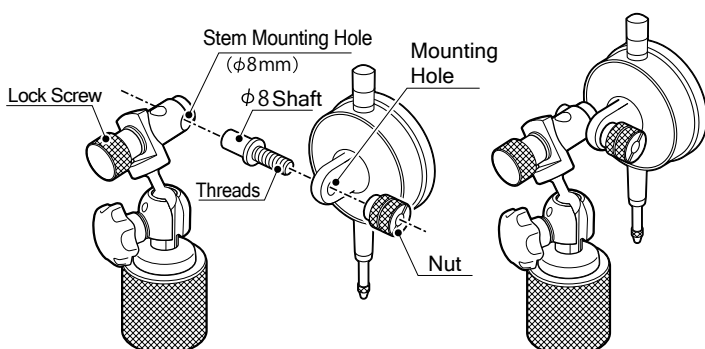
Loosen Lock Screw sliding Gauge Dovetail into Groove and secure.



### 3 For Mounting Using Dial Gauge Lug (B-5only)

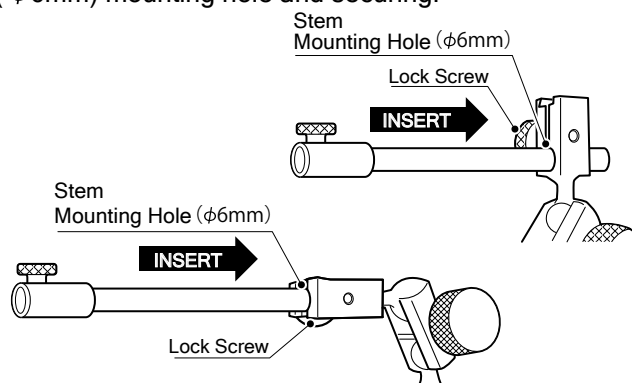
Install the  $\phi 8$ mm adapter shaft onto the Lug by passing it through the hole and securing with the nut.

Insert the Shaft into the  $\phi 8$ mm Stem Mounting Hole and tighten the Locking Screw.

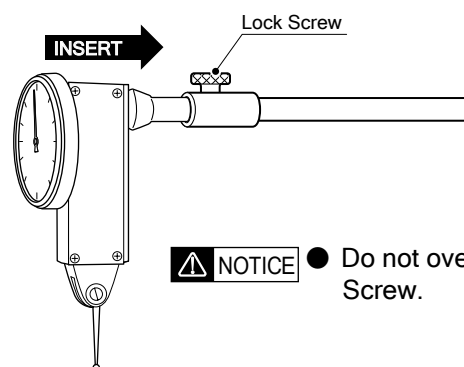


### 4 For Mounting Using Arbor (B-3 • B-4 • B-5)

Loosen Lock Screw and attach Arbor by inserting into ( $\phi 6$ mm) mounting hole and securing.



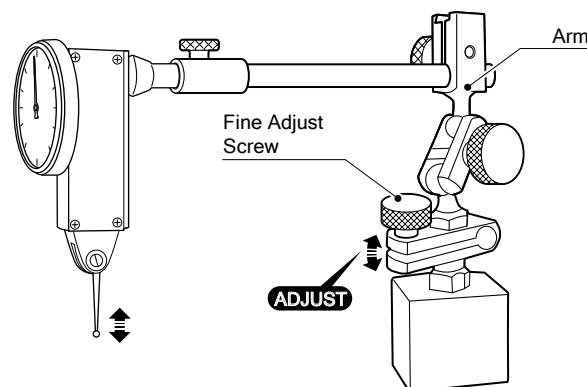
Loosen Arbor Lock Screw and insert Instrument Stem, and secure.



- △ NOTICE**
- Do not over-tighten Screw.

### 5 Using the Fine Adjust (B-3 • B-4 • MB-6)

You can control the position of the Gauge using the Fine Adjust Screw. Set the arm position so the Fine Adjust motion gives the desired effect on the Gauge Head.



## STORAGE

- Remove the measuring instrument from the Magnetic Base before storage.
- Base uses a strong magnetic field. Store away from sensitive equipment.

**Niigata seiki Co., Ltd.**

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