

Thank you for purchasing the Niigata Seiki Welding Gauge.
Please read this manual thoroughly before use for proper operation.

SPECIFICATIONS

- Body Material: Stainless steel
- Measuring Range:0~4.00mm
- Resolution:0.01mm
- Accuracy:±0.04mm
- Measurement Base Adj.Range: approx 23mm
- Accessories: Allen Wrench (2x)

FEATURES

- Fast and easy measurement of undercut depth.
- Dial Gauge with 0.01mm graduations for precise measurement.
(Gauge is a standard, commercially available type. Recommended replacement size: ϕ 8mm stem, 40mm~42mm outer frame)
- Stable 3-Point measurement base.
- Adjustable measurement base for different surfaces.
- Allen wrench provided for 0-Point setting and gauge replacement.

0-POINT ADJUSTMENT

※Adjustment should be made on a flat surface, such as a surface plate.

- ①Using the supplied Allen Wrench, loosen the Gauge Head Set Screw (A).
- ②With the measurement base (B) on a flat surface (surface plate), push up on the Dial Gauge Spindle to set the reading to 4.00mm (Revolution Counter at 4mm, Main Pointer at 0.00mm). In this position, tighten the Gauge Head Set Screw (A) to secure the Gauge Head. (Figure:1)

※At this time the Gauge head tip should be in contact with the surface plate.

OPERATION

- ①Place the Gauge on a flat surface and rotate the Bezel until the Pointer points to "0.00" on the Main Scale. (Figure:2)
- ②Position the Gauge tip into the undercut. (Figure:3)
- ③The measurement is determined by subtracting the reading from the initial setting of 4.00mm.

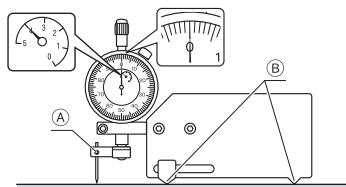
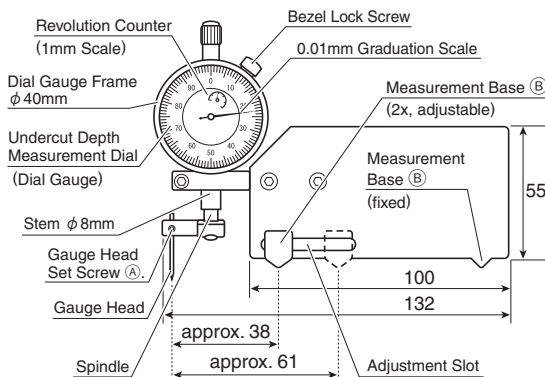
Caution

- This is a precision instrument. Handle with care.
- Use only as directed.

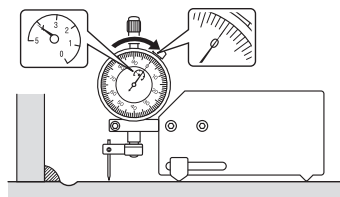
APPLICATIONS

- Dedicated tool for measuring weld undercut depth.

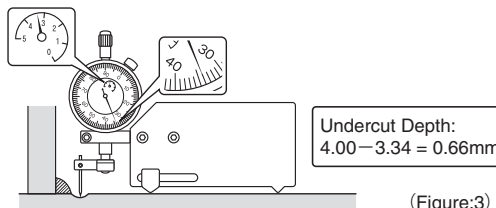
DIMENSIONS (mm)



(Figure:1)



(Figure:2)



(Figure:3)

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