



Item Code 32746/62622 Taper Gauge ABS Resin 1 – 15 mm White

■ Use

- For measurement of inner diameter or dimension of gap

■ Features

- ABS resin construction will not scratch other surfaces
- Snap off to measure shallow gaps
- Laser-engraved graduations for durability
- Easy-to-grab pickup structure

⚠ Caution

- Do not use other than as intended.
- Error occurs with the thickness of the gauge itself when measuring inner diameter. Revise by referring to "● Formula for Revision" and "● Inner Diameter Conversion Chart" inside this package.
- Use caution as the tip is sharp and dangerous.
- Do not drop or subject to strong impact as this may cause damage or deformation.
- If dirty, wipe with a cloth soaked in water or a neutral detergent. Never use solvents such as thinner or benzine as they will cause deformation.
- Do not store/use in direct sunlight or in a place with high temperature as this will cause deformation.
- Rubbing the surface with a metallic or hard object may cause damage or deformation.
- Store out of the reach of children.
- We shall not be liable for any consequential, incidental, or indirect damages such as losses and lost profits to the customer as well as a third party resulting from the operation of this product, regardless of whether or not they were foreseeable or the possibility was reasonably foreseeable.

■ Specifications

Measuring Range	1 – 15 mm
Accuracy	±0.2 mm
Material	ABS resin
Size	150 × 18.3 × 5 mm
Weight	5 g

⚠ CAUTION



Always wear safety goggles

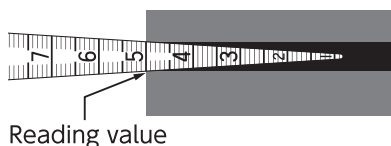
Shinwa Rules Co., Ltd.

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MADE IN JAPAN

■ Use

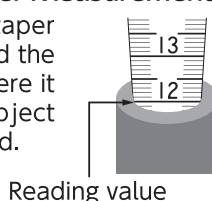
● Gap Dimension Measurement

Insert the taper gauge and read the graduation where it meets the object being measured.



● Inner Diameter Measurement

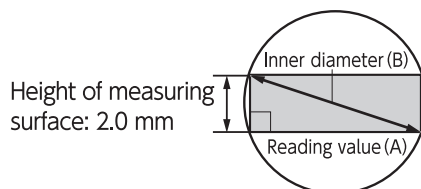
Insert the taper gauge and read the graduation where it meets the object being measured.



● Formula for Revision

Error occurs with the thickness of the gauge itself when measuring inner diameter. Please revise inner diameter according to the formula below.

$$\text{Inner diameter (B)} = \sqrt{\text{Reading value (A)}^2 + 4.0}$$



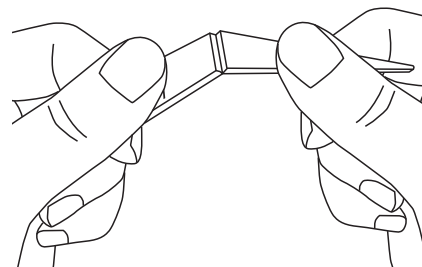
● Inner Diameter Conversion Chart

Reading value (A) mm	φ Inner diameter (B) mm
1	2.60
2	3.00
3	3.68
4	4.51
5	5.40
6	6.32
7	7.27
8	8.23
9	9.20
10	10.18
11	11.16
12	12.14
13	13.13
14	14.12
15	15.11

■ How to Snap Off

Easily snap off with your hand or pliers.

- ① Snap off by bending at the notched line on the back.



- ② Use a file or nipper to smooth or trim the new tip.

⚠ Caution

After snapping, the new tip's edge can be sharp and dangerous. Be sure to remove burrs with a file or nipper.

