

Holtest

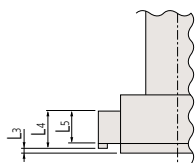
For easy and accurate measurement of inside diameters

Digimatic Holtest SERIES 468 — Three-point Internal Micrometers

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

- Three-point internal micrometer with large LCD readout. (Character height 7.4 mm)
- Titanium-coated measuring pins provide excellent durability and impact resistance and allow the instrument to measure right to the bottom of a blind hole.
- Only one SR44 battery is required and battery life is approx. 1.2 years under normal use.
- ABSolute and INCRemental measurement modes allow highly efficient operation.
- The IP65 protection rating allows the instrument to be used in the presence of splashing coolant.
- Measurements can be made close to the bottom of a blind hole.
- Deep holes can be measured by attaching an extension rod (optional).
- A function lock prevents accidental change of reference point.
- Measurement data output enables operation with Statistical Process Control (SPC) and measurement control systems. Refer to page A-3.
- An interface input tool is available for transferring measurement data, under keyboard control, directly to commercial spreadsheet software. Refer to page A-5.
- Interchangeable-Head Sets (interchangeable measuring heads type) covering an extended measuring range using multiple heads and Non-interchangeable-Head Sets are available.
- For Setting Rings, refer to page C-47.

Range (mm)	L ₃ (mm)	L ₄ (mm)	L ₅ (mm)
6 - 12	2 or below	—	2.5
12 - 20	0.3 or below	5.6	3.5
20 - 30		8.3	5.2
30 - 50		13.0	10.0
50 - 100		17.0	14.0
100 - 300	12.4 or below	21.0	13.8



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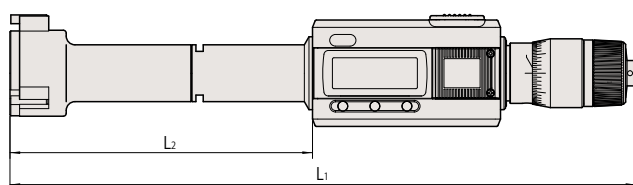


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468-174

DIMENSIONS



Unit: mm

Range	L ₂	L ₁
6-8, 8-10, 10-12 mm	59	175 - 177
12-16, 16-20 mm	84	197.5 - 201.5
20-25, 25-30 mm	93	206.9 - 211.9
30-40, 40-50 mm	103.8	214.7 - 224.7
50-63, 62-75, 75-88, 87-100 mm	105.4	219.6 - 232.6
100-125, 125-150, 150-175, 175-200, 200-225, 225-250, 250-275, 275-300 mm	151.4	286.3 - 311.3

1) L₂ is maximum depth of measurement possible.
2) External view differs depending on measurement range.

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

IP65

These marks indicate that a product has successfully passed IP65-level testing, which is carried out by the independent German certification organization TÜV Rheinland.



(Refer to page X for details.)



An inspection certificate is supplied as standard. Refer to page X for details.

IP Codes

Level 6: Dustproof.

No ingress of dust allowed.

Level 5: Protected against water jets.

Water projected in jets against the enclosure from any direction shall have no harmful effects.



Technical Data

Display: LCD

Battery: SR44 (1 pc), **938882**, for initial operational checks (standard accessory)

Battery life: Approx. 1.2 years under normal use

Scale type: Electromagnetic induction-type rotary encoder

Functions

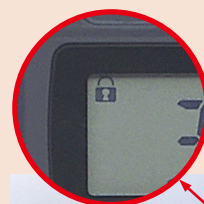
Zero-setting

Origin restoration

Data hold

2-point Preset

Function lock (see illustration of lock symbol below)



inch/mm readout (inch/mm models)

Automatic power ON/OFF

Error alarm

Data output

Optional Accessories

Refer to page A-25 for details.

• USB Input Tool Direct (2 m): **06AFM380B**

• Connecting cables for **U-WAVE-T**

For standard (160 mm): **02AZD790B**

For foot switch: **02AZE140B**