

# PRODUCT INFORMATION

Features, Technical Data, Optional  
Accessories and Specifications

## Holtests - Series 368-Three Point/Two-Point Internal Micrometers

### Series 368

#### FEATURES

These Holtests are versatile, self-centering three-point internal micrometers for the accurate and efficient direct-measurement of internal diameters. Three anvils, evenly spaced at 120° apart, contact the internal wall surfaces and find true alignment with the axis of the bore for accurate ID measurement.

- TiN-coated measuring contact points(over 6mm/.275" range models) provide excellent durability and impact resistance and allow the instrument to measure right to the bottom of a blind hole.
- Highly durable because of carbide-tipped contact points (anvils).
- Measurement can be taken closer to the bottom of the blind bore.
- Can measure deep holes using an Extension rod (optional) which is available on models over 6mm (.275") measuring range.
- With Ratchet Stop for constant force.
- Setting Rings for zero point adjustment are optional.
- Supplied in fitted plastic case up to 100mm / 4". Over 100mm / 4" supplied in wooden case.

#### Technical Data

Graduation: 0.001mm, 0.005mm\*,  
.0001" or .0002" (\*over 12mm or .5" models)

#### Optional Accessories

**952322:** Extension rod 100mm / 3.94" For range 6-12mm / .275-.5" models

**952621:** Extension rod 150mm / 5.9" For range 12-20mm / .5" - .8" models

**952622:** Extension rod 150mm / 5.9" For range 20-50mm / .8" - 2" models

**952623:** Extension rod 150mm / 5.9" For range 50-300mm / 2"-12" models



Dimensions



Video

#### Parts Break Down

| Inch Individual | Inch Set  | Metric Individual | Metric Set          |          |                                     |  |
|-----------------|-----------|-------------------|---------------------|----------|-------------------------------------|--|
| Order No        | Model     | Range             | Head Assy Order No. | Accuracy | Remarks                             |  |
| 368-021         | -         | 0.8-1in           | -                   | .0001in  | Carbide Contact Point               |  |
| 368-022         | -         | .1-.12in          | -                   | .0001in  | Carbide Contact Point               |  |
| 368-023         | -         | .12-.16in         | -                   | .0001in  | Carbide Contact Point               |  |
| 368-024         | -         | .16-.2in          | -                   | .0001in  | Carbide Contact Point               |  |
| 368-025         | -         | .2-.24in          | -                   | .0001in  | Carbide Contact Point               |  |
| 368-026         | -         | .24-.28in         | -                   | .0001in  | Carbide Contact Point               |  |
| 368-261         | HT-.35"R  | .275-.35in        | 04AZB139            | .0001in  | with titanium coated contact points |  |
| 368-262         | HT-.425"R | .35-.425in        | 04AZB140            | .0001in  | with titanium coated contact points |  |
| 368-263         | HT-.5"R   | .425-.5in         | 04AZB141            | .0001in  | with titanium coated contact points |  |
| 368-264         | HT-.65"R  | .5-.65in          | 04AZA721            | .0001in  | with titanium coated contact points |  |
| 368-265         | HT-.8"R   | .65-.8in          | 04AZA722            | .0001in  | with titanium coated contact points |  |
| 368-266         | HT-1"R    | .8-1in            | 04AZA730            | .00015in | with titanium coated contact points |  |

|         |          |           |          |          |                                     |
|---------|----------|-----------|----------|----------|-------------------------------------|
| 368-267 | HT-1.2"R | 1-1.2in   | 04AZA731 | .00015in | with titanium coated contact points |
| 368-268 | HT-1.6"R | 1.2-1.6in | 04AZA739 | .00015in | with titanium coated contact points |
| 368-269 | HT-2"R   | 1.6-2in   | 04AZA740 | .00015in | with titanium coated contact points |
| 368-270 | HT-2.5"R | 2-2.5in   | 04AZA754 | .00015in | with titanium coated contact points |
| 368-271 | HT-3"R   | 2.5-3in   | 04AZA755 | .00015in | with titanium coated contact points |
| 368-272 | HT-3.5"R | 3-3.5in   | 04AZA756 | .00015in | with titanium coated contact points |
| 368-273 | HT-4"R   | 3.5-4in   | 04AZA757 | .00015in | with titanium coated contact points |
| 368-274 | HT-5"R   | 4-5in     | 04AZA783 | .00025in | with titanium coated contact points |
| 368-275 | HT-6"R   | 5-6in     | 04AZA784 | .00025in | with titanium coated contact points |
| 368-276 | HT-7"R   | 6-7in     | 04AZA785 | .00025in | with titanium coated contact points |
| 368-277 | HT-8"R   | 7-8in     | 04AZA786 | .00025in | with titanium coated contact points |
| 368-278 | HT-9"R   | 8-9in     | 04AZA787 | .00025in | with titanium coated contact points |
| 368-279 | HT-10"R  | 9-10in    | 04AZA788 | .00025in | with titanium coated contact points |
| 368-280 | HT-11"R  | 10-11in   | 04AZA789 | .00025in | with titanium coated contact points |
| 368-281 | HT-12"R  | 11-12in   | 04AZA790 | .00025in | with titanium coated contact points |

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Dimensions



Video

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965 Corporate Boulevard Aurora, Illinois 60502

1-888-648-8869 (US Inquiries Only)



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