

## Specifications

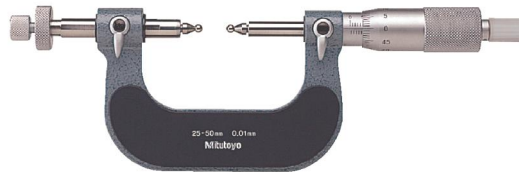
|                   |                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| Measuring face    | Interchangeable anvil/<br>spindle inserts (optional)                                                                    |
| Measuring spindle | With spindle lock, ø 6,35<br>mm, spindle pitch 0,5 mm                                                                   |
| Delivered         | Including box, setting<br>standard (from 25 mm<br>upward), key,<br>interchangeable anvils/<br>spindle tips not included |

# Gear Tooth Micrometers

## Series 124

Measuring the over-pin diameter of gears .

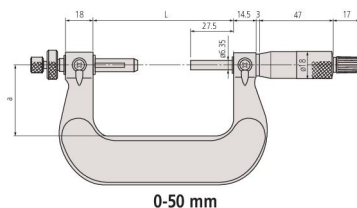
- It has interchangeable steel or carbide ball inserts (optional accessory) that allow you to measure modules sized between 0,5-5,25 mm.



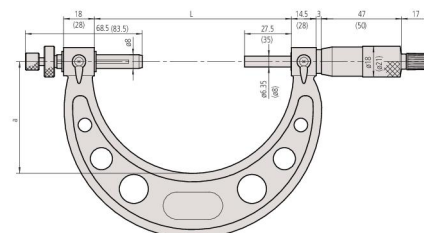
124-173 with optional accessories

## Metric

| No.     | Range<br>[mm] | Spindle feed error | Graduation | Measuring force<br>[N] | Mass<br>[g] | L<br>[mm] | a<br>[mm] |
|---------|---------------|--------------------|------------|------------------------|-------------|-----------|-----------|
| 124-173 | 0 - 25        | 3 µm               | 0,01 mm    | 5-10                   | 295         | 64,5      | 32        |
| 124-174 | 25 - 50       | 3 µm               | 0,01 mm    | 5-10                   | 400         | 90        | 45        |
| 124-175 | 50 - 75       | 3 µm               | 0,01 mm    | 5-10                   | 460         | 115,6     | 65        |
| 124-176 | 75 - 100      | 3 µm               | 0,01 mm    | 5-10                   | 540         | 140,6     | 79        |
| 124-177 | 100 - 125     | 3 µm               | 0,01 mm    | 5-10                   | 640         | 165,6     | 93        |
| 124-178 | 125 - 150     | 3 µm               | 0,01 mm    | 5-10                   | 760         | 190,5     | 105       |
| 124-179 | 150 - 175     | 3 µm               | 0,01 mm    | 5-10                   | 900         | 214,5     | 118       |
| 124-180 | 175 - 200     | 3 µm               | 0,01 mm    | 5-10                   | 1060        | 240,5     | 131       |
| 124-181 | 200 - 225     | 3 µm               | 0,01 mm    | 5-10                   | 1230        | 265,5     | 144       |
| 124-182 | 225 - 250     | 3 µm               | 0,01 mm    | 5-10                   | 1430        | 290,5     | 156       |
| 124-183 | 250 - 275     | 3 µm               | 0,01 mm    | 5-10                   | 1620        | 314,5     | 169       |
| 124-195 | 275 - 300     | 3 µm               | 0,01 mm    | 5-10                   | 2070        | 353       | 187       |



0-50 mm

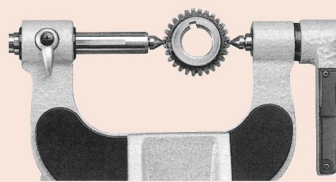


50-300 mm

# Interchangeable Ball Anvil/Spindle Tip Sets

## Series 124/ 324

These optional interchangeable anvils allow you to measure the over-pin diameter of gears.



## Metric

| No.     | Diameter<br>[inch] | Measurable module | Diameter over balls | Remarks             |
|---------|--------------------|-------------------|---------------------|---------------------|
| 124-801 | 0,8 mm             | 0,5 - 0,55        | 50                  | Carbide-tipped type |
| 124-802 | 1 mm               | 0,6 - 0,65        | 45                  | Carbide-tipped type |
| 124-821 | 1,5 mm             | 0,9 - 1           | 28 - 26             | Carbide-tipped type |
| 124-805 | 2 mm               | 1,25              | 22                  | Carbide-tipped type |
| 124-822 | 2,5 mm             | 1,5               | 17                  | Steel type          |
| 124-807 | 3 mm               | 1,75              | 15                  | Steel type          |
| 124-823 | 3,5 mm             | 2                 | 13                  | Steel type          |
| 124-810 | 4 mm               | 2,25              | 11                  | Steel type          |
| 124-824 | 4,5 mm             | 2,5               | 10                  | Steel type          |
| 124-812 | 5 mm               | 2,75              | 9                   | Steel type          |
| 124-814 | 6 mm               | 3,5               | 7                   | Steel type          |
| 124-816 | 7 mm               | 4                 | 6,5                 | Steel type          |
| 124-819 | 8 mm               | 4,75              | 5,5                 | Steel type          |