# Screw Thread Micrometers

## SERIES 326, 126 — Interchangeable Anvil-Spindle Tip Type

### FEATURES

- IP65 water/dust protection (Series 326).
- 60 degree or 55 degree V-anvil and conical spindle (interchangeable) are optional, which are made of high-grade steel, hardened and precision ground.
- With ratchet stop for constant force.
- With SPC output (Series 326).
- With a standard bar except 0 - 25mm and 0 - 1″ model.
- Supplied in fitted plastic case.
- Non-slip grip finish (digital models).

**126-125**
Shown with optional anvils

**326-351-30**

### Technical Data

Resolution*: 0.001mm or .00005"/0.001mm
Graduation**: 0.01mm or .001"
Spindle feed error: 3µm / .00012″
Display*: LCD
Battery*: SR44 (1 pc.), **938882**
Battery life*: Approx. 2.4 years under normal use
Dust/Water protection level*: IP65
*Digital models **Analog models

### Function of Digital Model

Zero / ABS, Data hold, Data output, 2 Presets, Function Lock. inch/mm conversion (on inch/metric models only)
Alarm: Low voltage, Counting value composition error

### Optional Accessories

**05CZA662**: SPC cable with data switch (1m / 40″)*
**05CZA663**: SPC cable with data switch (2m / 80″)*
*Only for digital models
(See page B-51.): Standard for screw thread micrometer

### SPECIFICATIONS

**Metric** Digital model

| Range | Resolution | Order No. | Accuracy | Mass (g) |
|---|---|---|---|---|
| 0 - 25mm | 0.001mm | **326-251-30** | ±4µm | 350 |
| 25 - 50mm | 0.001mm | **326-252-30** | ±4µm | 380 |
| 50 - 75mm | 0.001mm | **326-253-30** | ±4µm | 470 |
| 75 - 100mm | 0.001mm | **326-254-30** | ±5µm | 510 |

**Inch/Metric** Digital model

| Range | Resolution | Order No. | Accuracy | Mass (g) |
|---|---|---|---|---|
| 0 - 1" / 0 - 25.4mm | .00005" / 0.001mm | **326-351-30** | ±.0002" | 350 |
| 1 - 2" / 25.4 - 50.8mm | .00005" / 0.001mm | **326-352-30** | ±.0002" | 380 |
| 2 - 3" / 50.8 - 76.2mm | .00005" / 0.001mm | **326-353-30** | ±.0002" | 470 |
| 3 - 4" / 76.2 - 101.6mm | .00005" / 0.001mm | **326-354-30** | ±.00025" | 510 |

**Metric**

| Range | Graduation | Order No. | Accuracy | Mass (g) |
|---|---|---|---|---|
| 0 - 25mm | 0.01mm | **126-125** | ±4µm | 240 |
| 25 - 50mm | 0.01mm | **126-126** | ±4µm | 290 |
| 50 - 75mm | 0.01mm | **126-127** | ±4µm | 390 |
| 75 - 100mm | 0.01mm | **126-128** | ±5µm | 450 |
| 100 - 125mm | 0.01mm | **126-129** | ±5µm | 530 |
| 125 - 150mm | 0.01mm | **126-130** | ±5µm | 620 |
| 150 - 175mm | 0.01mm | **126-131** | ±6µm | 730 |
| 175 - 200mm | 0.01mm | **126-132** | ±6µm | 860 |
| 200 - 225mm | 0.01mm | **126-133** | ±6µm | 1,030 |
| 225 - 250mm | 0.01mm | **126-134** | ±7µm | 1,200 |
| 250 - 275mm | 0.01mm | **126-135** | ±7µm | 1,370 |
| 275 - 300mm | 0.01mm | **126-136** | ±7µm | 1,540 |

**Inch**

| Range | Graduation | Order No. | Accuracy | Mass (g) |
|---|---|---|---|---|
| 0 - 1" | .001" | **126-137** | ±.0002" | 240 |
| 1 - 2" | .001" | **126-138** | ±.0002" | 290 |
| 2 - 3" | .001" | **126-139** | ±.0002" | 390 |
| 3 - 4" | .001" | **126-140** | ±.00025" | 450 |
| 4 - 5" | .001" | **126-141** | ±.00025" | 530 |
| 5 - 6" | .001" | **126-142** | ±.00025" | 620 |
| 6 - 7" | .001" | **126-143** | ±.0003" | 730 |

**Inch** With anvil set (126 - 800)

| Range | Graduation | Order No. | Accuracy | Mass (g) |
|---|---|---|---|---|
| 0 - 1" | .001" | **126-901** | ±.0002" | 240 |
| 1 - 2" | .001" | **126-902** | ±.0002" | 290 |
| 2 - 3" | .001" | **126-903** | ±.0002" | 390 |
| 3 - 4" | .001" | **126-904** | ±.00025" | 450 |
| 4 - 5" | .001" | **126-905** | ±.00025" | 530 |
| 5 - 6" | .001" | **126-906** | ±.00025" | 620 |

Anvil-spindle tip set:

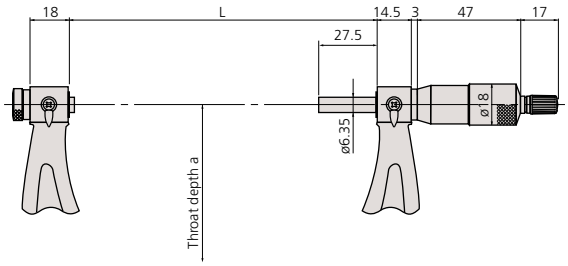
| Applications | Set Order No. | Tip Information | | |
|---|---|---|---|---|
| | | Threads Per Inch | Pitch (mm) | Individual Order No. |
| Metric Screw, Unified screw (60° threads) | **126-800** | 64-48 (M1) | 0.4-0.5 | **126-801** |
| | | 44-28 (M2) | 0.6-0.9 | **126-802** |
| | | 24-14 (M3) | 1-1.75 | **126-803** |
| | | 13-9 (M4) | 2-3 | **126-804** |
| | | 8-5 (M5) | 3.5-5 | **126-805** |
| | | 4.5-3.5 (M6) | 5.5-7 | **126-806** |
| Whitworth Screw (55° threads) | **126-810** | 60-48 | - | **126-811** |
| | | 48-40 | - | **126-812** |
| | | 40-32 | - | **126-813** |
| | | 32-24 | - | **126-814** |
| | | 24-18 | - | **126-815** |
| | | 18-14 | - | **126-816** |
| | | 14-10 | - | **126-817** |
| | | 10-7 | - | **126-818** |
| | | 7-4.5 | - | **126-819** |
| | | 4.5-3.5 | - | **126-820** |

Features: 60 degree or 55 degree V-anvil and conical spindle (interchangeable) are optional, which are made of high-grade special steel, hardened and precision ground.

Storage box included.

### DIMENSIONS

Unit: mm




| Range | L | a |
|---|---|---|
| 0 - 25mm / 0 - 1" | 39.5 | 25 |
| 25 - 50mm / 1 - 2" | 64.5 | 32 |
| 50 - 75mm / 2 - 3" | 90 | 45 |
| 75 - 100mm / 3 - 4" | 115.6 | 65 |
| 100 - 125mm / 4 - 5" | 140.6 | 79 |
| 125 - 150mm / 5 - 6" | 165.6 | 93 |
| 150 - 175mm / 6 - 7" | 190.5 | 105 |
| 175 - 200mm / 7 - 8" | 215.5 | 120 |
| 200 - 225mm / 8 - 9" | 240.5 | 130 |
| 225 - 250mm / 9 -10" | 265.5 | 147 |
| 250 - 275mm / 10 - 11" | 290.5 | 165 |
| 275 - 300mm / 11 - 12" | 315.5 | 171 |