## Micrometer 40 AB with reduced measuring faces

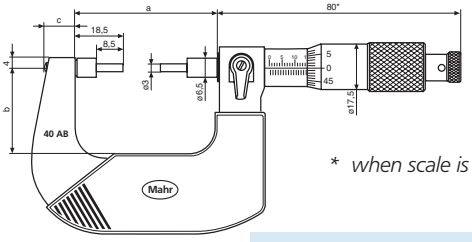

DIN 863-3

### Features

- For measuring recesses, grooves, etc.
- Chrome plated steel frame
- Spindle and anvil made of hardened steel, carbide tipped
- Scales with satin-chrome finish
- Heat insulators
- Rapid drive with integrated ratchet
- Locking device
- Supplied with: Case, setting standard (from measuring range 25 - 50 mm / 1 - 2"), operating instructions

### Technical Data

| Measuring range | Readings | Error limit *G* | Spindle thread pitch | Order no. |
|---|---|---|---|---|
| 0 - 25 mm | 0.01 mm | 4 µm | 0.5 mm | **4134100** |
| 25 - 50 mm | 0.01 mm | 4 µm | 0.5 mm | **4134101** |
| 50 - 75 mm | 0.01 mm | 5 µm | 0.5 mm | **4134102** |
| 75 - 100 mm | 0.01 mm | 5 µm | 0.5 mm | **4134103** |
| ***0 - 1"*** | ***.0001"*** | ***.00016"*** | ***.025"*** | **4134920** |
| ***1 - 2"*** | ***.0001"*** | ***.00016"*** | ***.025"*** | **4134921** |
| ***2 - 3"*** | ***.0001"*** | ***.00020"*** | ***.025"*** | **4134922** |
| ***3 - 4"*** | ***.0001"*** | ***.00020"*** | ***.025"*** | **4134923** |




* *when scale is set at, 0*

| **Dimensions** in mm | a | b | c |
|---|---|---|---|
| 0 - 25 mm / 0-1" | 56 | 34.5 | 12 |
| 25 - 50 mm / 1-2" | 81 | 47.5 | 12 |
| 50 - 75 mm / 2-3" | 106 | 58.5 | 13 |
| 75 - 100 mm / 3-4" | 131 | 71.5 | 13 |

## Micrometer 40 AS with sliding spindle and measuring spades

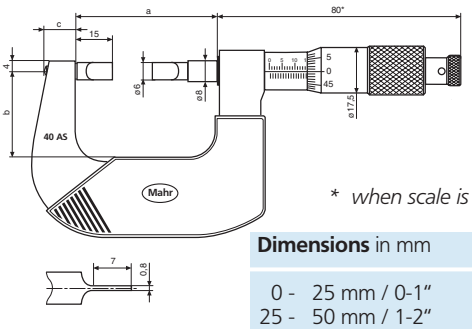

DIN 863-3

### Features

- For measuring narrow recesses, grooves, etc.
- Chrome plated steel frame
- Spindle and anvil made of hardened steel
- Scales with satin-chrome finish
- Heat insulators
- Rapid drive with integrated ratchet
- Supplied with: Case, setting standard (from measuring range 25 - 50 mm / 1 - 2"), operating instructions

### Technical Data

| Measuring range | Readings | Error limit *G* | Spindle thread pitch | Order no. |
|---|---|---|---|---|
| 0 - 25 mm | 0.01 mm | 4 µm | 0.5 mm | **4134200** |
| 25 - 50 mm | 0.01 mm | 4 µm | 0.5 mm | **4134201** |
| 50 - 75 mm | 0.01 mm | 5 µm | 0.5 mm | **4134202** |
| 75 - 100 mm | 0.01 mm | 5 µm | 0.5 mm | **4134203** |
| ***0 - 1"*** | ***.0001"*** | ***.00016"*** | ***.025"*** | **4134930** |
| ***1 - 2"*** | ***.0001"*** | ***.00016"*** | ***.025"*** | **4134931** |
| ***2 - 3"*** | ***.0001"*** | ***.00020"*** | ***.025"*** | **4134932** |
| ***3 - 4"*** | ***.0001"*** | ***.00020"*** | ***.025"*** | **4134933** |




* *when scale is set at, 0*

| **Dimensions** in mm | a | b | c |
|---|---|---|---|
| 0 - 25 mm / 0-1" | 56 | 34.5 | 12 |
| 25 - 50 mm / 1-2" | 81 | 47.5 | 12 |
| 50 - 75 mm / 2-3" | 106 | 58.5 | 13 |
| 75 - 100 mm / 3-4" | 131 | 71.5 | 13 |

# Accessories for Micrometers

41 H

## Stand 41 H

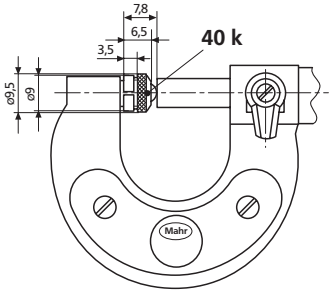
- For mounting a micrometer
- Enables the user to use both hands to operate the micrometer and / or to insert a work piece
- Sturdy, heavy-duty base, hammer-dimple enamel finish
- Clamping jaws are rubber lined to protect micrometer, the clamping jaws can be tilted
- Both the clamping jaws and hinge are fixed in place with one screw

| **Dimensions** (D x W x H) | **Order no.** |
|---|---|
| 130 x 100 x 90 mm | **4158000** |

## Ball shaped Anvil Attachment 40 k

- For measuring the thickness, for example: of pipe walls
- Slips over every anvil or the spindle with a dia. 7.5 mm
- Carbide ball, Ball dia. 5 ± 0.002 mm

**Order no.** **4130099**




## Setting Standards 43 A

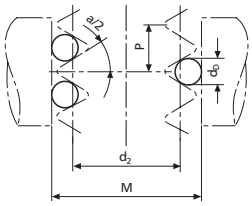
- For testing the basic setting of a micrometer
- Heat insulated handle
- Manufacturing tolerance js 2


| **Length** mm | **Order no.** | **Length** inch | **Order no.** |
|---|---|---|---|
| 25 | **4159400** | ***1"*** | **4159940** |
| 50 | **4159401** | ***2"*** | **4159941** |
| 75 | **4159402** | ***3"*** | **4159942** |
| 100 | **4159403** | ***4"*** | **4159943** |
| 125 | **4159404** | ***5"*** | **4159944** |
| 150 | **4159405** | ***6"*** | **4159945** |
| 175 | **4159406** | ***7"*** | **4159946** |

## Thread Pin Gage 426 M in holder

- For determining the pitch diameter of external threads according to the three wire method
- Slips over every anvil or the spindle
- Pin gages are hardened and lapped

**426 M**




| **Pin gage dia.** | **Manufacturing tol.** | **Mounting hole** |
|---|---|---|
| 0.17 - 5.05 mm | ± 0.5 µm | dia. 6.5 mm / 7.5 mm |

**Order no.** and further details see page 13-18

## Wooden Cases for Micrometer

For measuring ranges over 100 mm the following wooden cases are available:

| | **40 SH** | **40 SM** | **Order no.** |
|---|---|---|---|
| **Meas. range** mm | 100-125 | 95-120 | **4130064** |
| | 125-150 | 120-145 | **4130065** |
| | 150-175 | 145-170 | **4130066** |
| | 175-200 | 170-195 | **4130067** |