

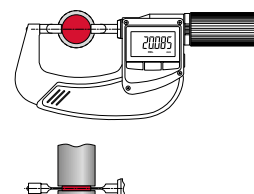
# Micromar 40 EWR-S

Digital micrometer



## FUNCTIONS

- RESET (set display to zero)
- ABS (display can be set to zero without losing reference to ORIGIN)
- mm/inch
- ORIGIN (for entering a numerical value)
- LOCK function (key lock)
- TOL (Tolerance and Warning Limits Input)
- HOLD (storage of measured values)
- DATA (data transmission)
- Bidirectional data interface (external output and input option of characteristic values as well as setting of individual lock functions by MarCom Software)



## Application:

- For measuring recesses, grooves, etc.

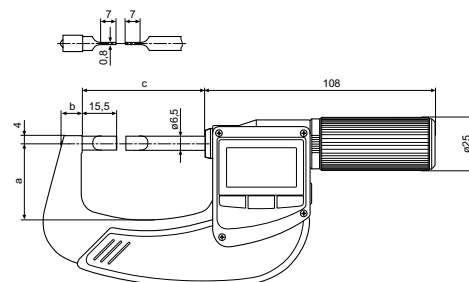
## FEATURES

- With blade-type measuring surfaces
- High contrast digital display
- Stainless spindle is hardened throughout and ground
- Quick drive
- Sliding spindle
- Ratchet is integrated in the thimble
- Lacquered steel frame, heat insulated
- **Software:** MarCom Professional free download: [www.mahr.com/marcom](http://www.mahr.com/marcom) (only for Mahr data cables and wireless systems with USB and RS-232 interface)
- **Digit height:** 10 mm
- **Data interface:** MarConnect (bidirectional), USB, Digimatic
- **Energy supply:** Battery life approx. 2 years
- **Battery type:** CR 2032 (3V Lithium)
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, setting standard (measuring range of 25–50 mm), case

## TECHNICAL DATA

| Order no. | Type     | Measuring range | Measuring range | Measuring surface | Resolution      | Error limit | Spindle thread pitch | Measuring force | Standard  | Model contact surface |
|-----------|----------|-----------------|-----------------|-------------------|-----------------|-------------|----------------------|-----------------|-----------|-----------------------|
|           |          | mm              | inch            |                   | mm/inch         | µm          | mm                   | N               |           |                       |
| 4157041   | 40 EWR-S | 0–25            | 0–1"            | hardened steel    | 0.001 / .00005" | 4           | 5                    | 5–10            | DIN 863–3 | Blade                 |
| 4157042   | 40 EWR-S | 25–50           | 1–2"            | hardened steel    | 0.001 / .00005" | 4           | 5                    | 5–10            | DIN 863–3 | Blade                 |
| 4157043   | 40 EWR-S | 50–75           | 2–3"            | hardened steel    | 0.001 / .00005" | 5           | 5                    | 5–10            | DIN 863–3 | Blade                 |
| 4157044   | 40 EWR-S | 75–100          | 3–4"            | hardened steel    | 0.001 / .00005" | 5           | 5                    | 5–10            | DIN 863–3 | Blade                 |

| Order no. | a  | b    | c     |
|-----------|----|------|-------|
|           | mm | mm   | mm    |
| 4157041   | 32 | 11.5 | 57    |
| 4157042   | 44 | 13.5 | 82    |
| 4157043   | 57 | 15.5 | 107   |
| 4157044   | 73 | 17   | 132.5 |



## ACCESSORIES

| Order no. | Description                                       | Type  |
|-----------|---------------------------------------------------|-------|
| 4102603   | Data cable USB bidirectional (2 m)                | DK-U1 |
| 4102606   | Interface adapter with data cable Digimatic (2 m) | DK-D1 |
| 4158000   | Stand for holding outside micrometers             | 41 H  |



41 H