Micromar 40 EWRi-V

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)
- HOLD
  (storage of measured values)
- DATA (data transmission)
- Bi-directional data interface
  (external input option of characteristic values and setting of individual lock functions by software MarCom)

FEATURES

- High contrast analog display
- Stainless spindle is hardened throughout and ground
- With mounting bores for measuring anvils with a shaft Ø 3.5 mm
- QUICK DRIVE
- Sliding spindle
- Ratchet is integrated in the thimble
- Lacquered steel frame, heat insulated
- Software MarCom Professional free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in wireless mode)
- **IP protection category:** IP 65
- Scope of deliveryFor each pair of measuring anvils:
  - 40 Ef flat Ø 6.5 mm
  - 40 Ea offset Ø2 x 4 mm
  - 40 Et plate Ø 11.3 mm
  - 40 Eb spherical R=5 mm
  - 40 Ep tapered 60 °
    Ø 0.3 –5.5 mm
  - 40 Es blade 0.75 x 4 mm
- **Package contains:** instruction manual, battery, case

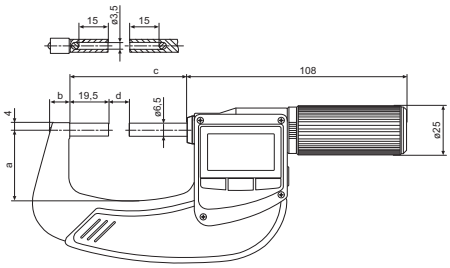
Application:

Universal adjustment to different workpiece and measurement situations using individual interchangeable measuring anvils.
Thread flanks and spherical measuring anvils (optional accessories) can also be used.

TECHNICAL DATA

Order no.	Product type	Measuring range		Resolution	Error limit	Spindle thread pitch	Measuring force	Standard	Incl. accessories
		mm	inch	mm/inch	µm	mm	N		
4157150	40 EWRi-V	0 –25	0 –1"	0.001 / .00005"	4	5	5 –10	DIN 863–3	•

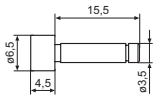
Order no.	a	b	c	Mounting hole
	mm	mm	mm	
4157150	32	11.5	57	For measuring anvils with a shaft diameter 3.5 x 15.5 mm



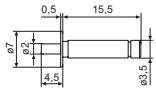
ACCESSORIES

Order no.	Product name	Type
4102220	Receiver for instruments with Integrated Wireless	i-Stick
4102520	Battery 3 V, CR 2032	
4151794	Plane measuring anvil (6.5 mm)	40 Ef
4151795	Measuring anvil with reduced measuring surface (2.3 x 2 mm)	40 Ea
4151796	Measuring anvil plate (11.3 mm)	40 Et
4151797	Measuring anvil with convex measuring surface (6.5 mm)	40 Er
4151798	Measuring anvil with tip (60°)	40 Ep
4151799	Measuring anvil with blade (7 x 0.75 mm)	40 Es
4158000	Stand, for holding outside micrometers	41 H
4173210	Anvil flat, hardened steel, Ø 7.5 mm	40 Za
4511190	Anvil flat, carbide tipped, Ø 7.5 mm	40 Za

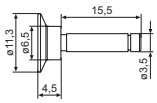
i-Stick



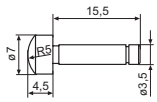
40 Ef



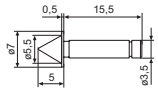
40 Ea



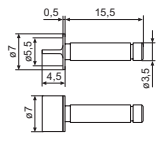
40 Et



40 Er



40 Ep



40 Es

41 H