

Micromar 40 EWR-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 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)

FEATURES

- High contrast digital display
- Stainless spindle is hardened throughout and ground
- With mounting bores for measuring anvils with a shaft \varnothing 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 RS-232 interface)
- **Digit height:** 10 mm
- **Data interface:** MarConnect (bidirectional), USB, Digimatic
- **Energy supply:** Battery life approx. 3 years
- **Battery type:** CR 2032 (3V Lithium)
- **IP protection category:** IP 65
- **Package contents:** 1 pair each of the following measuring anvils:
 - 40 Ef flat \varnothing 6.5 mm
 - 40 Ea offset 2×4 mm
 - 40 Et plate \varnothing 11.3 mm
 - 40 Eb spherical $R=5$ mm
 - 40 Ep tapered $60^\circ \varnothing 0.3 - 5.5$ mm
 - 40 Es blade 0.75×4 mm
- **Package contains:** instruction manual, battery, case



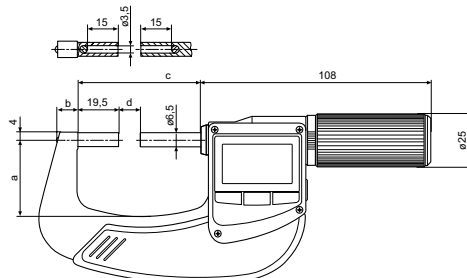
Applications:

- 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

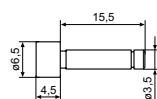
Order no.	Type	Measuring range	Measuring range	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard	Model contact surface	Accessories
		mm	inch	mm/inch	μ m	mm	N			
4157050	40 EWR-V	0–25	0–1"	0.001 / .00005"	4	5	5–10	DIN 863–3	3.5 mm bore	•

Order no.	a	b	c	Mounting hole
	mm	mm	mm	
4157050	32	11.5	57	For measuring anvils with a shaft diameter 3.5 x 15.5 mm

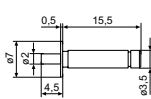


ACCESSORIES

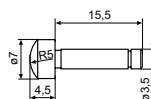
Order no.	Description	Type
4102603	Data cable USB bidirectional (2 m)	DK-U1
4102606	Interface adapter with data cable Digimatic (2 m)	DK-D1
4151794	Plane measuring anvil (6.5 mm)	40 Ef
4151795	Measuring anvil with reduced measuring surface (2.3 x 2 mm)	40 Ea
4151796	Measuring anvil plate (11.3 mm)	40 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 (0.45 mm x 4)	40 Es
4158000	Stand for holding outside micrometers	41 H
4173210	Anvil flat, hardened steel, \varnothing 7.5 mm	40 Za
4511190	Anvil flat, carbide tipped, \varnothing 7.5 mm	40 Za



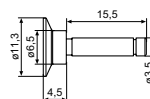
40 Ef



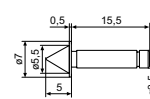
40 Ea



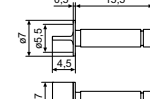
40 Er



40 Et



40 Ep



40 Es



41 H



i-Stick