

Micrometer with integrated Dial Comparator Micromar 40 F / FC

DIN 863-3



Applications

- For rapid measurements of diameters of cylindrical parts (shafts, bolts and shanks)
- Measurements of thickness and length
- Recommended for standard precision parts

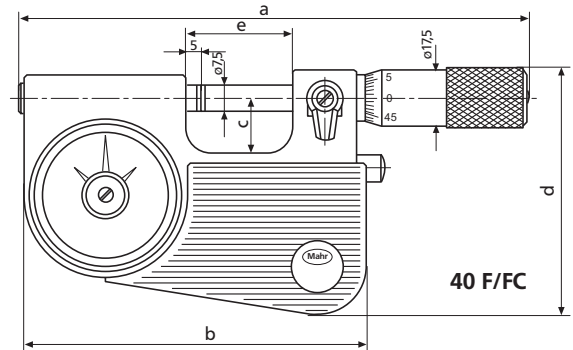
Features

- Chrome plated steel frame with heat insulators
- Maximum stability
- Retraction of the movable anvil and carbide-tipped measuring faces ensures maximum wear resistance
- Longer service life due to the ceramic measuring faces (40 FC)
- Measuring spindle made of stainless steel, hardened throughout and ground, lockable
- Scales with satin-chrome finish
- Constant measuring force
- Dial Comparator is integrated in frame
- Adjustable tolerance markers
- Supplied with: Case

Technical Data

	Measuring range	Retraction	Measuring faces Flatness	Parallelism	Measuring force	Order no.	Remarks
40 F	0 - 25 mm	1 mm	≤0.2 μm	≤1 μm	9 N	4150000	
	25 - 50 mm	1 mm	≤0.2 μm	≤1 μm	9 N	4150001	
	0 - 1"	.04"	≤.00001"	≤.00005"	9 N	4150900	
	1 - 2"	.04"	≤.00001"	≤.00005"	9 N	4150901	
40 FC	0 - 25 mm	1 mm	≤0.2 μm	≤1 μm	9 N	4150200	Ceramic measuring faces
	25 - 50 mm	1 mm	≤0.2 μm	≤1 μm	9 N	4150201	Ceramic measuring faces

Readings	Micrometer		Dial Comparator		Readings
	Error limit G_{me}	Spindle thread pitch	Error limit G_e (DIN 879)	Meas. range	
0,01 mm .0001"	≤2 μm ≤.00008"	0,5 mm .025"	1 μm .00005"	±65 μm ±.0025"	1 μm .00005"



Dimensions

Dimensions in mm	a*	b	c	d	e	
40 F/FC	0-25 mm (0-1")	149	100	16	71	32
	25-50 mm (1-2")	174	125	30	85	56

Accessories

Stand, setting standards, etc. please refer to page 3-22

* in zero position