

Micrometer with integrated Dial Comparator Micromar 40 F / FC



Applications

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

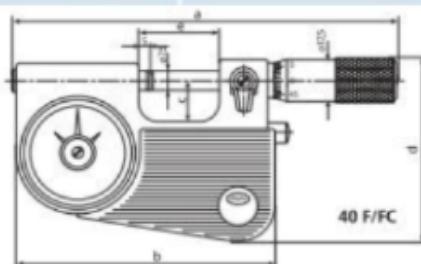
Features

- 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	$\leq 0.2 \mu\text{m}$	$\leq 1 \mu\text{m}$	9 N	
	25-50 mm	1 mm	$\leq 0.2 \mu\text{m}$	$\leq 1 \mu\text{m}$	9 N	
	0-1"	.04"	$\leq .00001"$	$\leq .00005"$	9 N	
	1-2"	.04"	$\leq .00001"$	$\leq .00005"$	9 N	
40 FC	0-25 mm	1 mm	$\leq 0.2 \mu\text{m}$	$\leq 1 \mu\text{m}$	9 N	Ceramic measuring faces
	25-50 mm	1 mm	$\leq 0.2 \mu\text{m}$	$\leq 1 \mu\text{m}$	9 N	

Micrometer			Dial Comparator		
Readings	Error limit G_{me}	Spindle thread pitch	Error limit G_c (DIN 879)	Meas. range	Readings
0.01 mm .0001"	$\leq 2 \mu\text{m}$ $\leq .00008"$	0.5 mm .025"	1 μm .00005"	$\pm 65 \mu\text{m}$ $\pm .0025"$	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

* in zero position

Accessories

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