

## Micrometer with integrated Dial Comparator 40 F / FC

DIN  
863-3



### Application

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

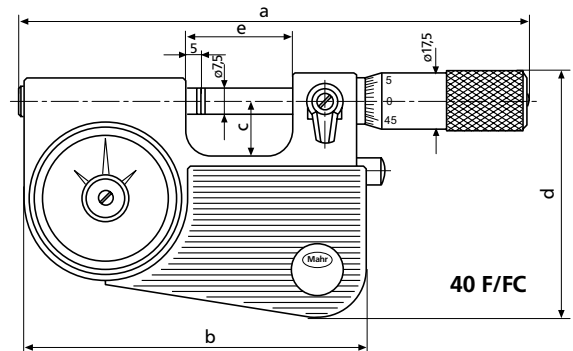
### Features

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

Micrometer			Dial Comparator		
Readings	Error limit $G_{me}$	Spindle thread pitch	Error limit $G_e$ (DIN 879)	Meas. range	Spindle thread pitch
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	
<b>40 F/FC</b>	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