

Micrometer with Dial Comparator 40 T

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

- Rugged steel frame, heat insulated and chrome plated (up to measuring range 100 - 150 mm)
- Maximum stability
- Retraction of the movable anvil and carbide-tipped measuring faces ensures maximum wear resistance
- Measuring spindle made of stainless steel, hardened throughout and ground, lockable
- Scales with satin-chrome finish
- Constant measuring force
- Heat insulators
- Supplied with: Dial Comparator 1003, wooden case

Technical Data

Measuring range	Retraction	Measuring faces		Measuring force	Order no.*
		Flatness	Parallelism		
0 - 25 mm	1.2 mm	≤0.2 μm	≤2 μm	6.5 N	4154000
25 - 50 mm	1.2 mm	≤0.2 μm	≤2 μm	6.5 N	4154001
50 - 100 mm	1.2 mm	≤0.2 μm	≤2 μm	6.5 N	4154002
100 - 150 mm	1.2 mm	≤0.2 μm	≤2 μm	7.5 N	4154003
150 - 200 mm	1.2 mm	≤0.2 μm	≤2 μm	7.5 N	4154004

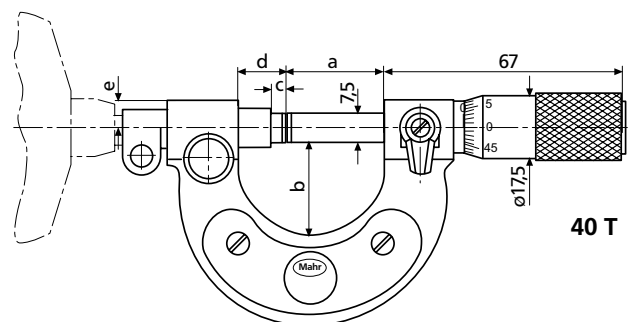
Micrometer			Dial Comparator [†]		
Readings	Error limit G_{me}	Spindle thread pitch	Error limit G_e (DIN 879)	Meas. range	Spindle thread pitch
0.01 mm	≤2 μm	0.5 mm	1 μm	±50 μm	1 μm

Dimensions

Dimensions in mm	a**	b	c	d**	e
0 - 25	27	28	4	11	8
25 - 50	52	40	4	11	8
50 - 100	76	65	5.5	30	8
100 - 150	127	87	5.5	30	8
150 - 200	177	112	5.5	30	8

* Alternative indicating instruments are available on request

** in zero position



Indicating Snap Gage 840 F
see page 9-8

Accessories

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

