

Micrometer 40 A

DIN
863-1



Features

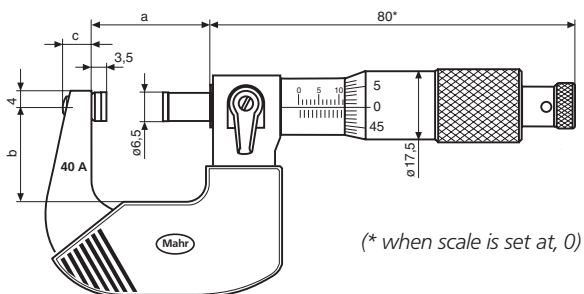
- Chrome plated steel frame
- Spindle and anvil made of hardened steel, carbide tipped
- Scales with satin-chrome finish
- Heat insulators
- Rapid drive with integrated ratchet
- Locking device
- Supplied with: Case, setting standard (from measuring range 25-50 mm / 1-2"), operating instructions

Technical Data

Measuring range	Readings	Error limit G	Spindle thread pitch	Order no.
0 - 25 mm	0.01 mm	4 µm	0.5 mm	4134000
25 - 50 mm	0.01 mm	4 µm	0.5 mm	4134001
50 - 75 mm	0.01 mm	5 µm	0.5 mm	4134002
75 - 100 mm	0.01 mm	5 µm	0.5 mm	4134003
100 - 125 mm	0.01 mm	6 µm	0.5 mm	4134004
125 - 150 mm	0.01 mm	6 µm	0.5 mm	4134005
150 - 175 mm	0.01 mm	7 µm	0.5 mm	4134006
175 - 200 mm	0.01 mm	7 µm	0.5 mm	4134007
0 - 1"	.0001"	.00016"	.025"	4134900
1 - 2"	.0001"	.00016"	.025"	4134901
2 - 3"	.0001"	.00020"	.025"	4134902
3 - 4"	.0001"	.00020"	.025"	4134903
4 - 5"	.0001"	.00024"	.025"	4134904
5 - 6"	.0001"	.00024"	.025"	4134905
6 - 7"	.0001"	.00028"	.025"	4134906
7 - 8"	.0001"	.00028"	.025"	4134907

Accessories

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

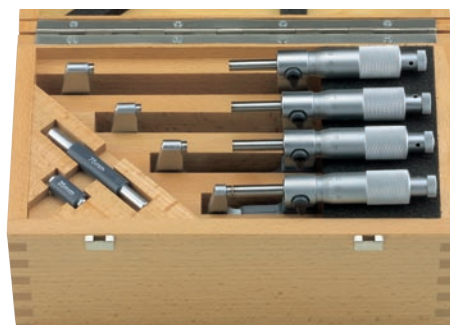


Dimensions

Measuring range mm / inch	a mm	b mm	c mm
0 - 25 / 0-1"	31	25.5	7
25 - 50 / 1-2"	56	34.5	12
50 - 75 / 2-3"	81	47.5	12
75 - 100 / 3-4"	106	58.5	13
100 - 125 / 4-5"	131	71.5	13
125 - 150 / 5-6"	156	83.5	13
150 - 175 / 6-7"	182	95.5	13
175 - 200 / 7-8"	207	108.5	13

Micrometer Sets 40 SA

Application range	Order no	Remarks
0-100 mm (4 Micrometers)	4134050	Incl. wooden case, setting standards 25 mm and 75 mm
100-200 mm (4 Micrometers)	4134051	Incl. wooden case, setting standards 125 mm and 175 mm
0-4" (4 Micrometers)	4134960	Incl. wooden case, setting standards 1" and 3"
4-8" (4 Micrometers)	4134961	Incl. wooden case, setting standards 5" and 7"



Accessories for Micrometers



41 H

Stand 41 H

- For mounting a micrometer
- Enables the user to use both hands to operate the micrometer and / or to insert a work piece
- Sturdy, heavy-duty base, hammer-dimple enamel finish
- Clamping jaws are rubber lined to protect micrometer, the clamping jaws can be tilted
- Both the clamping jaws and hinge are fixed in place with one screw

Dimensions

(D x W x H)

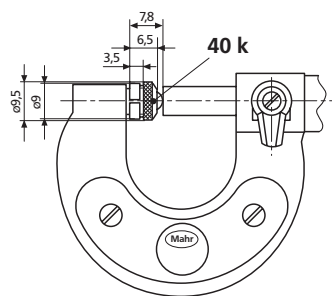
130 x 100 x 90 mm

Order no.

4158000

Ball shaped Anvil Attachment 40 k

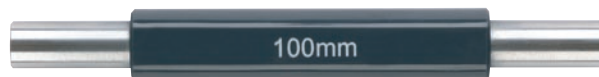
- For measuring the thickness, for example: of pipe walls
- Slips over every anvil or the spindle with a dia. 7.5 mm
- Carbide ball, Ball dia. 5 ± 0.002 mm



Order no. 4130099

Setting Standards 43 A

- For testing the basic setting of a micrometer
- Heat insulated handle
- Manufacturing tolerance js 2

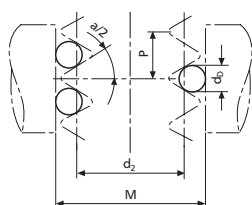


Thread Pin Gage 426 M in holder

- For determining the pitch diameter of external threads according to the three wire method
- Slips over every anvil or the spindle
- Pin gages are hardened and lapped



426 M



Length mm

Order no.

Length inch

Order no.

25	4159400	1"	4159940
50	4159401	2"	4159941
75	4159402	3"	4159942
100	4159403	4"	4159943
125	4159404	5"	4159944
150	4159405	6"	4159945
175	4159406	7"	4159946

Wooden Cases for Micrometer

For measuring ranges over 100 mm the following wooden cases are available:

	40 SH	40 SM	Order no.
Meas. range mm	100-125	95-120	4130064
	125-150	120-145	4130065
	150-175	145-170	4130066
	175-200	170-195	4130067

Pin gage dia.	Manufacturing tol.	Mounting hole
0.17 - 5.05 mm	$\pm 0.5 \mu\text{m}$	dia. 6.5 mm / 7.5 mm

Order no. and further details see page 13-18