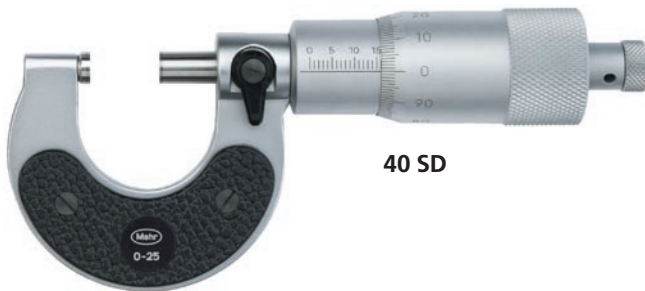


Micrometer 40 SH / 40 SD with extra large thimbleDIN
863-1**40 SH****40 SD****Features**

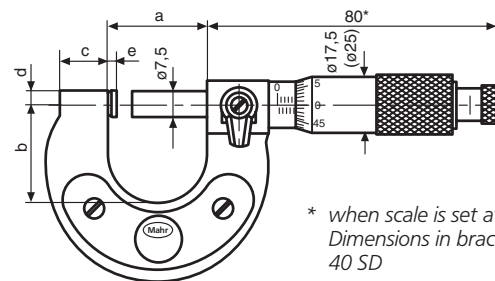
- Chrome plated steel frame
- Maximum stability
- Spindle and anvil made of hardened steel, carbide tipped measuring faces
- Spindle is made of stainless steel, hardened throughout and ground
- Scales with satin-chrome finish
- Heat insulators
- Rapid drive with integrated ratchet
- Locking device
- Supplied with: Case (measuring range 0 - 100 mm)

Only 40 SD:

- Reading error is reduced due to the 1 mm measuring span per rotation of the thimble

Technical Data

	Measuring range	Readings	Error limit	Spindle thread pitch	Order no
	mm	mm	G μm	mm	
40 SH	0 - 25	0.01	4	0.5	4131000
	25 - 50	0.01	4	0.5	4131001
	50 - 75	0.01	5	0.5	4131002
	75 - 100	0.01	5	0.5	4131003
	100 - 125	0.01	6	0.5	4131004
	125 - 150	0.01	6	0.5	4131005
	150 - 175	0.01	7	0.5	4131006
	175 - 200	0.01	7	0.5	4131007
40 SD	0 - 25	0.01	4	1	4135000
	25 - 50	0.01	4	1	4135001
	50 - 75	0.01	5	1	4135002
	75 - 100	0.01	5	1	4135003



* when scale is set at, 0
Dimensions in brackets are for the 40 SD

Dimensions

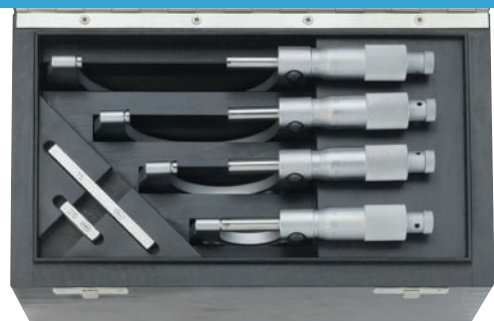
Measuring range	a	b	c	d	e
Dimensions in mm					
0 - 25	31	28	13	3.25	3
25 - 50	56	40	13	3.25	3
50 - 75	81	53	13	3.25	3
75 - 100	106	65	13	3.25	3
100 - 125	130	75.5	15	4	3.5
125 - 150	155	88	15	4	3.5
150 - 175	180	100.5	15	4	3.5
175 - 200	205	113	15	4	3.5

Accessories

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

Micrometer Sets 40 SSH

Application range	Order no.	Remarks
0-100 mm (4 Micrometers)	4133001	Incl. wooden case, setting standards 25 mm and 75 mm
100-200 mm (4 Micrometers)	4133005	Incl. wooden case, setting standards 125 mm and 175 mm
0-4" (4 Micrometers)	4133010	Incl. wooden case, setting standards 1" and 3"



Accessories for Micrometers



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

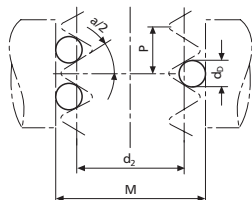
Setting Standards 43 A

- 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



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	100-125	95-120	4130064
mm	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