

Micrometers for Thread Measurement

Used for pitch diameter inspection – Anvil with adjustable holder for mounting a measuring insert with prismatic faces – Fine screw adjustment and locking device – Spindle has a fixing bore for a cone-shaped measuring insert.

Models MICROMASTER AC



No	mm		in	
	mm		in	
06030062	0 ÷ 25		0 ÷ 1	
06030063	25 ÷ 50		1 ÷ 2	
06030064	50 ÷ 75		2 ÷ 3	
06030065	75 ÷ 100		3 ÷ 4	
06030066	100 ÷ 125		4 ÷ 5	
06030067	125 ÷ 150		5 ÷ 6	

Important

Measuring Inserts and setting standards must be ordered separately.

Models ISOMASTER AC



No	mm		No	in	
	mm			in	
00210001	0 ÷ 25		00220001	0 ÷ 1	
00210002	25 ÷ 50		00220002	1 ÷ 2	
00210003	50 ÷ 75		00220003	2 ÷ 3	
00210004	75 ÷ 100		00220004	3 ÷ 4	
00210005	100 ÷ 125		00220005	4 ÷ 5	
00210006	125 ÷ 150		00220006	5 ÷ 6	

Important

Measuring Inserts and setting standards must be ordered separately.

- ✓
- DIN 863 T3 (Style D18)
- 0,001 mm
0.00005 in
- Metric/Inch conversion
- 30 mm measuring span
- Max. 10 N
- RS 232
- Other technical data on page B-3
- Plastic case
- Identification number
- Inspection report with a declaration of conformity

- ✓
- DIN 863 T3 (Style D 18)
NF E 11-090
- 0,01 mm
0.001 in
- 0,5 mm
- Max. 10 N
- Plastic case
- Identification number
- Declaration of conformity



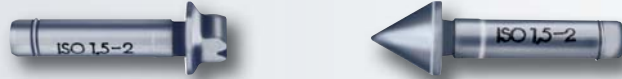
Hardened steel

Fixing rod:
3,5 mm dia.,
15,5 mm long

Supplied in sets
or pairs

Interchangeable Thread Inserts for TESA Micrometers Series AC

With measuring faces specially designed for checking pitch diameters.



No		Pitch in mm	No		Threads per in	No		Threads per in
<i>ISO metric threads 60° flank angle</i>			<i>Whitworth threads 55° flank angle</i>			<i>Unified inch-threads UN, UNC, UN ... 60° flank angle</i>		
00240000		0,4 ÷ 0,5	00250100		60 ÷ 48	00250000		64 ÷ 42
00240001		0,5 ÷ 0,6	00250101		48 ÷ 40	00250001		42 ÷ 25
00240002		0,6 ÷ 0,8	00250102		40 ÷ 32	00250002		25 ÷ 17
00240003		0,8 ÷ 1,0	00250103		32 ÷ 24	00250003		17 ÷ 10
00240004		1,0 ÷ 1,25	00250104		24 ÷ 18	00250004		10 ÷ 6.5
00240005		1,25 ÷ 1,5	00250105		18 ÷ 14	00250005		6.5 ÷ 4
00240006		1,5 ÷ 2,0	00250106		14 ÷ 10	00250006		4 ÷ 2.5
00240007		2,0 ÷ 2,5	00250107		10 ÷ 7			
00240008		2,5 ÷ 3,0	00250108		7 ÷ 4.5			
00240009		3,0 ÷ 4,0	00250109		4.5 ÷ 3			
00240010		4,0 ÷ 5,0						
00240011		5,0 ÷ 6,0						
<i>Set of 12 pairs</i>			<i>Set of 10 pairs</i>			<i>Set of 7 pairs</i>		
00240015		0,4 ÷ 6,0	00250115		60 ÷ 3	00250015		64 ÷ 2.5



Hardened steel

Insulating
sleeve marked
with actual size

No
Identification
number

Declaration
of conformity

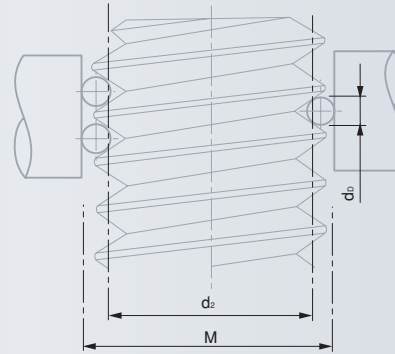
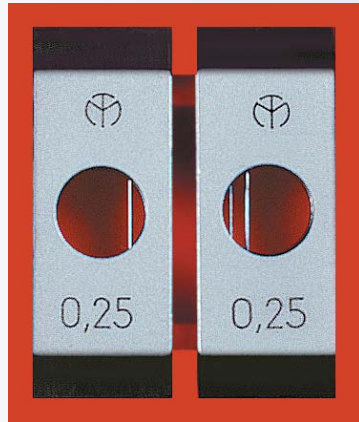
Setting Standards for Screw Thread Micrometers

No		No	
<i>60° flank angle</i>			
00240501	25	00250501	1
00240502	50	00250502	2
00240503	75	00250503	3
00240504	100	00250504	4
00240505	125	00250505	5
<i>55° flank angle</i>			
00240601	25	00250601	1
00240602	50	00250602	2
00240603	75	00250603	3
00240604	100	00250604	4
00240605	125	00250605	5



XB Wires for Screw Threads

For measuring pitch diameter of threads using the three-wire method. Actual flank diameter d_2 can either be determined arithmetically or with the aid of the relevant tables based on the measured actual size M – Suitable for all standard micrometers with a measuring insert having a 6,5 mm diameter.



Steel wires, hardened



Wires are mounted on holders:

2-wire holder rests on anvil while the single wire holder is used on spindle side



Single pairs are supplied in a plastic box, full set in a wooden case



Declaration of conformity

Nº



Wires diameter

d_0 mm



ISO metric threads

Pitch in mm



Whitworth threads

Number of threads per in



Unified inch-threads UN, UNC, UNF ...

Number of threads per in

00240701	0,17	0,25/0,3	–	–
00240702	0,22	0,35	–	72
00240703	0,25	0,4	60	64
00240704	0,29	0,45/0,5	–	56
00240705	0,335	0,6	48/40	48/44
00240706	0,455	0,7 ÷ 0,8	–	32
00240707	0,53	0,9	32/28	28
00240708	0,62	1,0	26/24	24
00240709	0,725	1,25	22 ÷ 19	20
00240710	0,895	1,5	18/16	18/16
00240711	1,10	1,75	14	14/13
00240712	1,35	2,0	12/11	12/11
00240713	1,65	2,5	10/9	10/9
00240714	2,05	3,0/3,5	8/7	8/7
00240715	2,55	4,0/4,5	6	6
00240716	3,20	5,0/5,5	5/4.5	5/4.5

Set of 16 pairs

00240700 0,17 ÷ 3,20

Micrometer Stands

For micrometers up to 300 mm as well as many other hand-held tools.



Nº

TESA

00160201

ETALON

072110123



Clamp aperture: 16 mm (TESA) or 20 mm (ETALON)



Lacquered cast iron base



Tilt can be locked. Uses a single bolt only