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

№	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.

✓
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

Models ISOMASTER AC

№	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

Measring Inserts and setting standards must be ordered separately.

✓
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.

№	Pitch in mm	№	Threads per in	№	Threads per in
ISO metric threads 60° flank angle		*Whitworth threads 55° flank angle*		*Unified inch-treads UN, UNC, UNF... 60° flank angle*	
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				
Set of 12 pairs		*Set of 10 pairs*		*Set of 7 pairs*	
00240015	0,4 ÷ 6,0	***00250115***	*60 ÷ 3*	***00250015***	*64 ÷ 2.5*

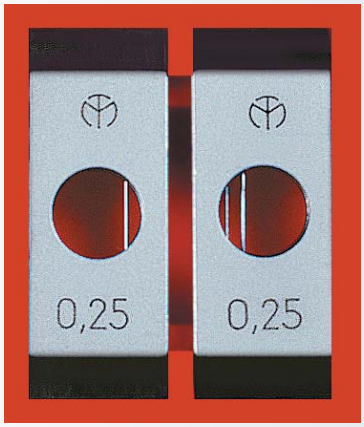
Setting Standards for Screw Thread Micrometers

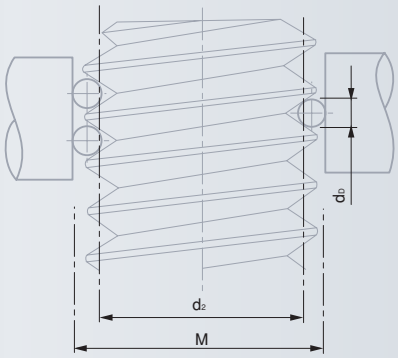
✓
Hardened steel
Insulating sleeve marked with actual size
Identification number
Declaration of conformity

№	mm	№	in
60° flank angle			
00240501	25	***00250501***	*1*
00240502	50	***00250502***	*2*
00240503	75	***00250503***	*3*
00240504	100	***00250504***	*4*
00240505	125	***00250505***	*5*
55° flank angle			
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	ISO metric threads	Whitworth threads	Unified inch-threads UN, UNC, UNF …
	d_D mm	Pitch in mm	*Number of threads per in*	*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