

## 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.

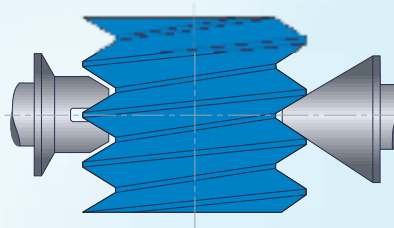
### Models MICROMASTER® AC



N <sup>o</sup>	EDP	in / mm
60.30062	27476	0 - 1 / 0 - 25
60.30063	27477	1 - 2 / 25 - 50
60.30064	27478	2 - 3 / 50 - 75
60.30065	27479	3 - 4 / 75 - 100
60.30066	27480	4 - 5 / 100 - 125
60.30067	27481	5 - 6 / 125 - 150

**Important**

Measuring inserts and setting standards must be ordered separately.



## AC Series ISOMASTER® Micrometers

N <sup>o</sup>	EDP	in	N <sup>o</sup>	EDP	mm
02.20001	39576	0 - 1	02.10001	39548	0 - 25
02.20002	39577	1 - 2	02.10002	39549	25 - 50
02.20003	39578	2 - 3	02.10003	39550	50 - 75
02.20004	39579	3 - 4	02.10004	39551	75 - 100
02.20005	39580	4 - 5	02.10005	39552	100 - 125
02.20006	39581	5 - 6	02.10006	39553	125 - 150

**Important**

Measuring inserts and setting standards must be ordered separately  
See page B-37



DIN 863 T3 (style D18)

0.0005 in  
0.001 mm

mm / in  
conversion

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

0.001 in  
0.01 mm

.02 in/  
0.5 mm

Max. 10 N

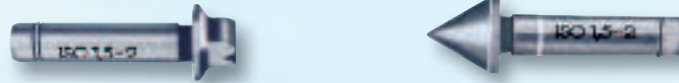
Plastic case

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## Interchangeable Thread Inserts for TESA® AC Series Micrometers

With measuring faces specially designed for pitch diameters.



Hardened steel



Shaft with a .138 in / 3.5 mm dia., .61 in / 15.5 mm long



Supplied in sets or pairs

 ISO Metric Threads 60° flank angle			 Whitworth Threads 55° flank angle			 Unified Threads UN, UNC, UN 60° flank angle		
	Pitch mm			Threads per in			Threads per in	
02.40000	39604	0.4 - 0.5	02.50100	39652	60 - 48	02.50000	39644	64 - 42
02.40001	39605	0.5 - 0.6	02.50101	39653	48 - 40	02.50001	39645	42 - 25
02.40002	39606	0.6 - 0.8	02.50102	39654	40 - 32	02.50002	39646	25 - 17
02.40003	39607	0.8 - 1.0	02.50103	39655	32 - 24	02.50003	39647	17 - 10
02.40004	39608	1.0 - 1.25	02.50104	39656	24 - 18	02.50004	39648	10 - 6.5
02.40005	39609	1.25 - 1.5	02.50105	39657	18 - 14	02.50005	39649	6.5 - 4
02.40006	39610	1.5 - 2.0	02.50106	42413	14 - 10	02.50006	39650	4 - 2.5
02.40007	39611	2.0 - 2.5	02.50107	42414	10 - 7			
02.40008	39612	2.5 - 3.0	02.50108	42415	7 - 4.5			
02.40009	39613	3.0 - 4.0	02.50109	42416	4.5 - 3			
02.40010	39614	4.0 - 5.0						
02.40011	39615	5.0 - 6.0						
<i>Full set (12 pairs)</i>			<i>Full set (10 pairs)</i>			<i>Full set (7 pairs)</i>		
02.40015	39616	0.4 - 6.0	02.50115	42417	60 - 3	02.50015	39651	64 - 2.5

## Setting Standards for Screw Thread Micrometers



Hardened steel



Insulating sleeve marked with actual size



Identification number



Declaration of conformity

 60° flank angle			 55° flank angle		
	in			mm	
02.50501	42418	1	02.40501	39617	25
02.50502	42419	2	02.40502	39618	50
02.50503	42420	3	02.40503	39619	75
02.50504	42421	4	02.40504	39620	100
02.50505	42422	5	02.40505	39621	125
02.50601	42423	1	02.40601	39622	25
02.50602	42424	2	02.40602	39623	50
02.50603	42425	3	02.40603	39624	75
02.50604	42426	4	02.40604	39625	100
02.50605	42427	5	02.40605	39626	125