

Micrometers with Small Measuring Faces

For measuring grooves, feather grooves, splines and other difficult to reach measuring points – Small measuring faces specially made to check precision workpieces.

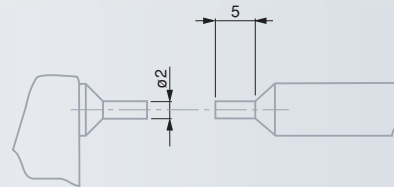
Models MICROMASTER



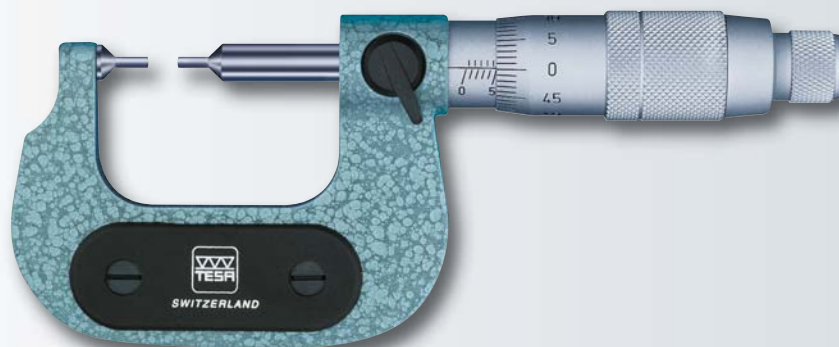
No	mm		in	
	mm	in	mm	in
06030034	0 ÷ 30	0 ÷ 1.2		
06030035	30 ÷ 60	1.2 ÷ 2.3		
06030036	60 ÷ 90	2.3 ÷ 3.5		
06030037	90 ÷ 120	3.5 ÷ 4.7		

Optional Accessory

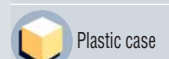
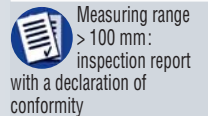
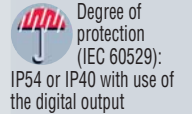
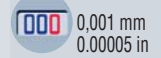
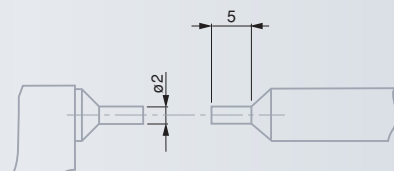
01961000 1 Lithium battery - 3 V, 190 mAh, type CR 2032
For information on cables etc., see section N.



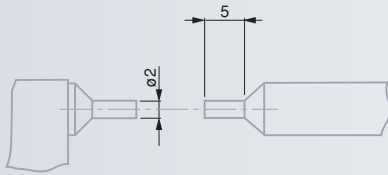
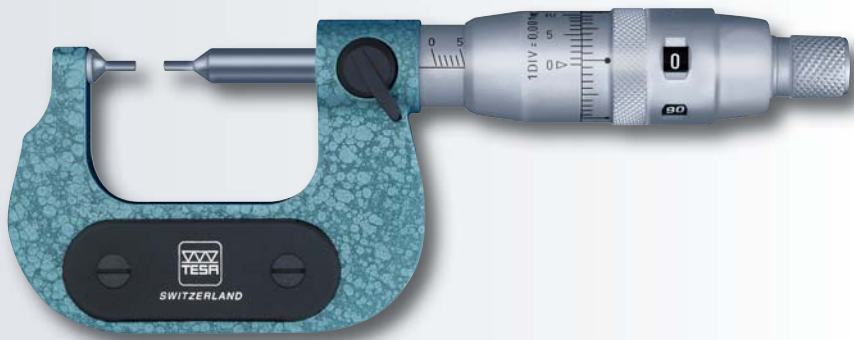
Models ISOMASTER AD



No	mm		No	in	
	mm	in		mm	in
00210101	0 ÷ 25	0 ÷ 1	00220101	0 ÷ 1	
00210102	25 ÷ 50	1 ÷ 2	00220102	1 ÷ 2	



Models TESAMASTER AD



No



mm

00311301

0 ÷ 25

00311302

25 ÷ 50



DIN 863 T3
(Style D3)
NF E 11-090

Vernier reading
to 0,001 mm

Scale division
0,1 mm

Fixed measuring
faces:
tungsten carbide

Max. 10 N

Plastic case

Identification
number

Inspection report
with a declaration
of conformity



DIN 863 T3
(Style D3)
NF E 11-090

0,001 mm.
Parallax-free
reading on vernier

100 divisions

Fixed measuring
faces:
tungsten carbide

1 mm

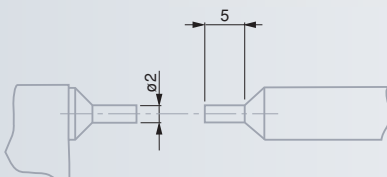
Max. 10 N

Plastic case

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Model MICRORAPID



No



mm

072116410

0 ÷ 20

Micrometers with One Spherical Measuring Face

Measure wall thickness of tubing.

Models MICROMASTER



	mm	in
06030079	0 ÷ 30	0 ÷ 1.2
06030080	25 ÷ 50	1 ÷ 2

Model ETALON



	mm
071115940	0 ÷ 25

Micrometers with Two Spherical Measuring Faces

Rounded Measuring faces on anvil and spindle for measuring concave surfaces of workpieces, e.g. ball-bearing guides or walls of tubing.

Models MICROMASTER



	mm	in
06030081	0 ÷ 25	0 ÷ 1
06030082	20 ÷ 50	0.8 ÷ 1.9
06030083	45 ÷ 75	1.8 ÷ 2.9
06030084	70 ÷ 100	2.8 ÷ 3.9



DIN 863 T3 (Style D1)

MICROMASTER: 0,001 mm or 0.00005 in

ETALON: 0,002 mm

Anvil: tungsten carbide (MICROMASTER) or titanium carbide hard-coating (ETALON). Tungsten carbide spindle

Anvil with a 3,5 mm spherical face (MICROMASTER) or a 3,25 mm one (ETALON). Spindle with a flat measuring face

Max. 10 N

RS 232 on MICROMASTER

Other technical data on MICROMASTER: see page B-3

Plastic case

Identification number

Inspection report with a declaration of conformity



DIN 863 T3 (Style D1)

0,001 mm 0.00005 in

Tungsten carbide

Spherical, 3,5 mm radius

Max. 10 N

Other technical data: see page B-3

Plastic case

Identification number

Inspection report with a declaration of conformity



DIN 863 T3
(Style D1)
NF E 11-090

0,01 mm

Measuring
faces rounded
to 3,25 mm

Titanium
carbide coated
for both
models No. 00112106 and
00190003.
Hardened steel for other
models

0,5 mm

Max. 10 N

Plastic case

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Steel ball tip,
hardened and
lapped.
Dull-chrome brass retainer.

Series AAS ISOMASTER

Rounded measuring faces for measuring concave surfaces such as ball-bearing guides and tubing walls.



mm

00112106	0 ÷ 25 (TiC)
00190003	25 ÷ 50 (TiC)
00110901	0 ÷ 25
00110902	25 ÷ 50
00110903	50 ÷ 75
00110904	75 ÷ 100

Spherical Element for External Micrometers

Holder with a ball tip that fits on measuring faces having a 6,5 mm diameter – Serve to measure tubing wall thickness or workpieces with concave surfaces and the like.



Ball tip

072103522	5 mm
072103523	0.200 in

Series AT ISOMASTER with Large Measuring Face on Anvil

Micrometers with a flat, rectangular measuring face that serves for inspecting the width of milling cutters with staggered teeth.



No	mm
00211301	0 ÷ 25
00211302	25 ÷ 50



DIN 863 T3
(style D11)



0,01 mm

Titanium carbide measuring face on anvil.
Tungsten carbide spindle



Anvil with a 50 x 9 mm flat face for measuring range 0 to 25 mm or 60 x 10 mm for range from 25 up to 50 mm. Spindle with a 6,5 mm dia. measuring face.



Anvil with a flatness tolerance of 2 µm



0,5 mm



Max. 10 N



Plastic case



Identification number



Inspection report with a declaration of conformity

Series AN ISOMASTER with Small Frame

Measures wire thickness and ball diameters up to 10 mm. Small frame with 2 resting surfaces for wires.



No	mm
00210901	0 ÷ 10



DIN 863 T3
(Style D2)
NF E 11-090



0,01 mm

Tungsten carbide tipped



6,5 mm dia.



0,5 mm



Max. 10 N



Plastic case



Identification number



Inspection report with a declaration of conformity



DIN 863 T3
(Style D12)
NF E 11-090

0,01 mm

Hardened steel
anvil.
Tungsten carbide
spindle

5 mm dia.
on anvil.
6,5 mm dia.
on spindle

0,5 mm

Max. 10 N

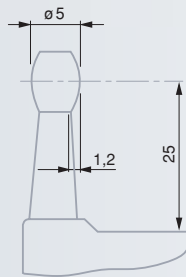
Plastic case

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ETALON Basic for Tube Wall Thickness Measurement

Barrel-shaped anvil for measuring the tube wall thickness and other curved workpieces.



No



00219066

mm
0 ÷ 25



Vernier reading
to 0,002 mm

Hardened steel
anvils.
Tungsten carbide
spindle

Anvils:
see drawing.
Spindle:
6,5 mm dia.

0,5 mm

Max. 10 N

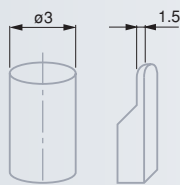
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ETALON Basic with Two Interchangeable Anvils

Universal micrometers for assembly – Anvils have either a flat or a cylindrical measuring face.



No



00219067

00219068

mm
0 ÷ 25
25 ÷ 50