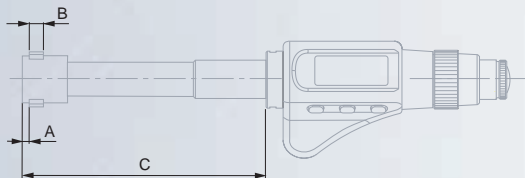
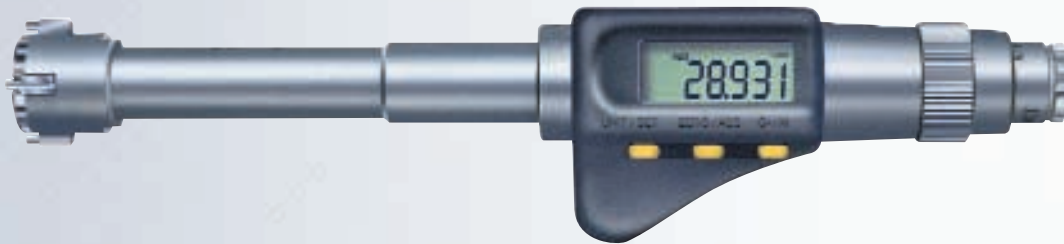


TESA® ALESOMETER «capa μ system®» with Digital Display



New patented TESA's capacitive measuring system

Internal micrometers with 3-line contact. All TESA ALESOMETER are specially suited for through and blind bores as well as short centring shoulders, except for the models covering the application ranges from 6 to 10 mm.



Single instruments, complete

No	mm	in	μm	μm	Amm*	Bmm	Cmm
62.30051	6 ÷ 8	0.2362 ÷ 0.3150	4	4	1,2	3	55
62.30052	8 ÷ 10	0.3150 ÷ 0.3970	4	4	1,2	3	55
62.30023	10 ÷ 12,5	0.3970 ÷ 0.4921	4	4	0	6,5	65
62.30024	12,5 ÷ 15	0.4921 ÷ 0.5905	4	4	0	6,5	65
62.30025	15 ÷ 17,5	0.5905 ÷ 0.6890	4	4	0	6,8	65
62.30026	17,5 ÷ 20	0.6890 ÷ 0.7874	4	4	0	6,8	95
62.30027	20 ÷ 25	0.7874 ÷ 0.9843	4	4	0	8,5	100
62.30028	25 ÷ 30	0.9843 ÷ 1.1811	4	4	0	8,5	100
62.30029	30 ÷ 35	1.1811 ÷ 1.3780	4	4	0	8,5	100
62.30030	35 ÷ 40	1.3780 ÷ 1.5748	4	4	0	8,5	100
62.30031	40 ÷ 50	1.5748 ÷ 1.9685	5	5	0	14,5	140
62.30032	50 ÷ 60	1.9685 ÷ 2.3622	5	5	0	14,5	140
62.30033	60 ÷ 70	2.3622 ÷ 2.7560	5	5	0	14,5	140
62.30034	70 ÷ 85	2.7560 ÷ 3.3465	5	5	0	14,5	140
62.30035	85 ÷ 100	3.3465 ÷ 3.9370	5	5	0	14,5	140
62.30036	100 ÷ 125	3.9370 ÷ 4.9212	6	6	0	30	175
62.30037	125 ÷ 150	4.9212 ÷ 5.9055	6	6	0	30	175
62.30038	150 ÷ 175	5.9055 ÷ 6.8897	7	7	0	30	175
62.30039	175 ÷ 200	6.8897 ÷ 7.8740	7	7	0	30	175
62.30040	200 ÷ 225	7.8740 ÷ 8.8582	8	8	0	30	175
62.30041	225 ÷ 250	8.8582 ÷ 9.8425	8	8	0	30	175
62.30042	250 ÷ 275	9.8425 ÷ 10.8267	8	8	0	30	175
62.30043	275 ÷ 300	10.8267 ÷ 11.8110	8	8	0	30	175

Optional Accessories

19.61000 1 Lithium battery - 3 V, 190 mAh, type CR 2032

* Not applicable to the models from 10 mm since the measuring inserts are close to the instrument's front face.

For ordering information on setting rings, see both pages C-13 and C-24. Fore cases, report to page C-11.

For connecting cables etc., refer to section L.



DIN 863 T4.
Style C1 for
models 6 to 10 mm or
C2 for all other models

0,001 mm
0.00005 in

mm / in
conversion

LCD, height of
digits: 7 mm

Floating
zero

Display
lock

Measuring
inserts for
application ranges
6 to 10 mm: steel
hardened to 30 550 HV
10 to 300: tungsten car-
bide tipped ≥ 70 HRC

Opto-coupled
RS 232
interface, bidirectional.

3 V lithium
battery

1 to 2 a
(≈ 2000 h/a)

Automatic
shut down
after 10 min. Display
setting is retained as long
as power supply remains
stable.

10 °C to 40 °C

-10 °C to 60 °C

80 %, with no
condensation



For the meas-
uring element:
IP54 (IEC 60529) or
IP 40 with use of the
digital output

≤ 100 mm in a
plastic case
> 100 mm in a wood case

Identification
number

Inspection
report with a
declaration of conformity