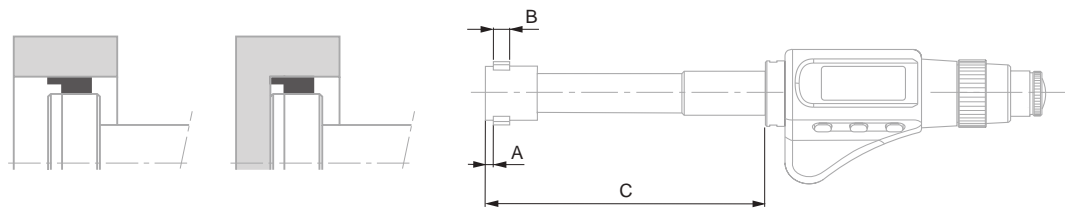


TESA ALESOMETER CAPA μ SYSTEM with Digital Display

Fitted with a TESA patented capacitive measuring system. Bore gauges with 3-line contact. All TESA ALESOMETER are made to measure through and blind bores as well as short centring shoulders, except for the models covering the application range from 6 to 10 mm.



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



0,001 mm /
0.00005 in



LCD, digit height
7 mm



Floating zero



Metric/inch
conversion



Measuring inserts
for application range
6 to 10 mm: steel,
hardened to
550 HV 30. 10 to 300:
tungsten carbide
tipped, HRC \geq 70.



3 V lithium battery



1 to 2 a
(\approx 2000 h/a)



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



-10°C to 6°C



10°C to 40°C



80 %, non
condensing



For the measuring
element IP54
(IEC 60529) or
IP40 with active
data output



\leq 100 mm in
a plastic case
> 100 mm in
a wooden case



Inspection report
with a declaration
of conformity










Identification
number



Display lock



RS232
opto-coupled,
bidirectional

No							
	mm	in	μ m	μ m	A mm	B mm	C mm
06230051	6 \div 8	0.2362 \div 0.3150	4	4	1,2	3	55
06230052	8 \div 10	0.3150 \div 0.3970	4	4	1,2	3	55
06230023	10 \div 12,5	0.3970 \div 0.4921	4	4	0,3	6,5	65
06230024	12,5 \div 15	0.4921 \div 0.5905	4	4	0,3	6,5	65
06230025	15 \div 17,5	0.5905 \div 0.6890	4	4	0,3	6,8	65
06230026	17,5 \div 20	0.6890 \div 0.7874	4	4	0,3	6,8	95
06230027	20 \div 25	0.7874 \div 0.9843	4	4	0,3	8,5	100
06230028	25 \div 30	0.9843 \div 1.1811	4	4	0,3	8,5	100
06230029	30 \div 35	1.1811 \div 1.3780	4	4	0,3	8,5	100
06230030	35 \div 40	1.3780 \div 1.5748	4	4	0,3	8,5	100
06230031	40 \div 50	1.5748 \div 1.9685	4	4	0,3	14,5	140
06230032	50 \div 60	1.9685 \div 2.3622	5	5	0,3	14,5	140
06230033	60 \div 70	2.3622 \div 2.7560	5	5	0,3	14,5	140
06230034	70 \div 85	2.7560 \div 3.3465	5	5	0,3	14,5	140
06230035	85 \div 100	3.3465 \div 3.9370	5	5	0,3	14,5	140
06230036	100 \div 125	3.9370 \div 4.9212	6	6	0,3	30	175
06230037	125 \div 150	4.9212 \div 5.9055	6	6	0,3	30	175
06230038	150 \div 175	5.9055 \div 6.8897	7	7	0,3	30	175
06230039	175 \div 200	6.8897 \div 7.8740	7	7	0,3	30	175

OPTIONAL ACCESSORY

01961000 1 Lithium battery 3V, CR2032

Face A: Not applicable for models larger than 10 mm onwards, as the measuring inserts are too close to the micrometer front face.

