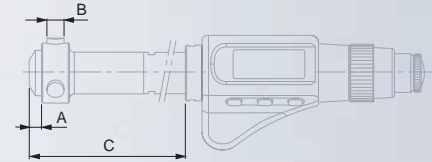


TESA® IMICRO® «capa μ system» with Digital Display

New TESA capacitive measuring system (patented) associated with the unique cone of the TESA IMICRO internal micrometers.



DIN 863 T4
(style C1)



0,001 mm
0.0005 in



mm / in
Conversion



LCD, 7 mm
digit height



Floating
zero



Display
lock



Measuring
faces for
application ranges
3,5 to 12 mm: hardened
steel (770 HV)

11 to 100 mm: TIN
hard-coating,
0,05 4000 to 6000 HV

100 to 300 mm: carbide
tipped (1300 HV)



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



Protection of
the meas. ele-
ment IP 54 (IEC 60529)
or IP 40 with use of digi-
tal output



Plastic
case



Identification
number



In-house calibra-
tion certificate



Declaration
of conformity



Bmm Cmm

No	mm	in	μm	μm	Amm	Bmm	Cmm
61.30101	3,5 ÷ 4	0.1377 ÷ 0.1574	4	4	2	1,5	20
61.30102	4 ÷ 4,5	0.1574 ÷ 0.1771	4	4	2	1,5	20
61.30103	4,5 ÷ 5,5	0.1771 ÷ 0.2165	4	4	2	1,5	25
61.30104	5,5 ÷ 6,5	0.2165 ÷ 0.2559	4	4	2	1,5	25
61.30105	6 ÷ 8	0.2362 ÷ 0.3150	4	4	2,5	2,5	55
61.30106	8 ÷ 10	0.3150 ÷ 0.3970	4	4	2,5	2,5	55
61.30107	10 ÷ 12	0.3970 ÷ 0.4724	4	4	2,5	2,5	55
61.30108	11 ÷ 14	0.4330 ÷ 0.5512	4	4	3,5	4	68
61.30109	14 ÷ 17	0.5512 ÷ 0.6693	4	4	3,5	4	68
61.30110	17 ÷ 20	0.6693 ÷ 0.7874	4	4	3,5	4	83
61.30111	20 ÷ 25	0.7874 ÷ 0.9843	4	4	7	7	83
61.30112	25 ÷ 30	0.9843 ÷ 1.1811	4	4	7	7	88
61.30113	30 ÷ 35	1.1811 ÷ 1.3780	4	4	7	7	88
61.30114	35 ÷ 40	1.3780 ÷ 1.5748	4	4	7	7	88
61.30115	40 ÷ 50	1.5748 ÷ 1.9685	5	5	11	12	98
61.30116	50 ÷ 60	1.9685 ÷ 2.3622	5	5	11	12	98
61.30117	60 ÷ 70	2.3622 ÷ 2.7560	5	5	11	12	98
61.30118	70 ÷ 80	2.7560 ÷ 3.1496	5	5	11	12	98
61.30119	80 ÷ 90	3.1496 ÷ 3.5433	5	5	11	12	98
61.30120	90 ÷ 100	3.5433 ÷ 3.9370	5	5	11	12	98
61.30121	100 ÷ 125	3.9370 ÷ 4.9212	6	6	26	18	100
61.30122	125 ÷ 150	4.9212 ÷ 5.9055	6	6	26	18	100
61.30123	150 ÷ 175	5.9055 ÷ 6.8897	7	7	26	18	100
61.30124	175 ÷ 200	6.8897 ÷ 7.8740	7	7	26	18	100
61.30125	200 ÷ 225	7.8740 ÷ 8.8582	8	8	26	18	100
61.30126	225 ÷ 250	8.8582 ÷ 9.8425	8	8	26	18	100
61.30127	250 ÷ 275	9.8425 ÷ 10.8267	8	8	26	18	100
61.30128	275 ÷ 300	10.8267 ÷ 11.8110	8	8	26	18	100

Special Accessory

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

For ordering information on cables etc., see section L.

Suited cases on page C-9.