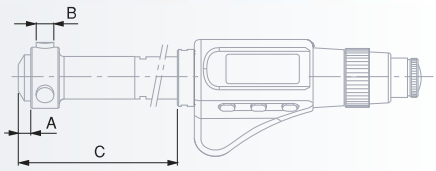
TESA IMICRO capa u system with Digital Display

A successful combination of the patented TESA capacitive system with the IMICRO unique cone.



- ✓
- DIN 863 T4 (Style C1)
- 0.001 mm 0.0005 in
- Metric/inch Conversion
- LCD. 7 mm digit height
- Floating zero
- Display lock
- Measuring faces for application ranges
  3.5 to 12 mm: hardened steel (HV30 770)
  11 to 100 mm: TiN hard-coating (HV5 2300)
  100 to 300 mm: carbide tipped (HV5 1300)
- RS 232 opto-coupled. 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%. non condensing
- ✓
- Measuring element IP54 (IEC 60529) or IP40 with active data output
- Plastic case
- Identification number
- TESA's calibration certificate
- Declaration of conformity

№	mm	in	um	um	A mm	B mm	C mm
06130101	3.5 ÷ 4	*0.1377 ÷ 0.1574*	4	4	2	1.5	20
06130102	4 ÷ 4.5	*0.1574 ÷ 0.1771*	4	4	2	1.5	20
06130103	4.5 ÷ 5.5	*0.1771 ÷ 0.2165*	4	4	2	1.5	25
06130104	5.5 ÷ 6.5	*0.2165 ÷ 0.2559*	4	4	2	1.5	25
06130105	6 ÷ 8	*0.2362 ÷ 0.3150*	4	4	2.5	2.5	79
06130106	8 ÷ 10	*0.3150 ÷ 0.3970*	4	4	2.5	2.5	79
06130107	10 ÷ 12	*0.3970 ÷ 0.4724*	4	4	2.5	2.5	79
06130108	11 ÷ 14	*0.4330 ÷ 0.5512*	4	4	3.5	4	93
06130109	14 ÷ 17	*0.5512 ÷ 0.6693*	4	4	3.5	4	93
06130110	17 ÷ 20	*0.6693 ÷ 0.7874*	4	4	3.5	4	93
06130111	20 ÷ 25	*0.7874 ÷ 0.9843*	4	4	7	7	91
06130112	25 ÷ 30	*0.9843 ÷ 1.1811*	4	4	7	7	91
06130113	30 ÷ 35	*1.1811 ÷ 1.3780*	4	4	7	7	91
06130114	35 ÷ 40	*1.3780 ÷ 1.5748*	4	4	7	7	91
06130115	40 ÷ 50	*1.5748 ÷ 1.9685*	4	4	11	12	104
06130116	50 ÷ 60	*1.9685 ÷ 2.3622*	5	5	11	12	104
06130117	60 ÷ 70	*2.3622 ÷ 2.7560*	5	5	11	12	104
06130118	70 ÷ 80	*2.7560 ÷ 3.1496*	5	5	11	12	104
06130119	80 ÷ 90	*3.1496 ÷ 3.5433*	5	5	11	12	104
06130120	90 ÷ 100	*3.5433 ÷ 3.9370*	5	5	11	12	104
06130121	100 ÷ 125	*3.9370 ÷ 4.9212*	6	6	26	18	100
06130122	125 ÷ 150	*4.9212 ÷ 5.9055*	6	6	26	18	100
06130123	150 ÷ 175	*5.9055 ÷ 6.8897*	7	7	26	18	100
06130124	175 ÷ 200	*6.8897 ÷ 7.8740*	7	7	26	18	100
06130125	200 ÷ 225	*7.8740 ÷ 8.8582*	8	8	26	18	100
06130126	225 ÷ 250	*8.8582 ÷ 9.8425*	8	8	26	18	100
06130127	250 ÷ 275	*9.8425 ÷ 10.8267*	8	8	26	18	100
06130128	275 ÷ 300	*10.8267 ÷ 11.8110*	8	8	26	18	100

Optional Accessory

01961000 1 Lithium battery - 3 V. 190 mAh. type CR 203

For ordering information on cables etc.. see section A. Suited carrying cases on page D-8.

TESA IMICRO capa u system with Digital Display – Partial Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.

No	mm	No	No	mm	No	⌀ mm	No	mm
Partial sets including		*Elements*	*Measuring heads*		*Setting rings*		*Extensions*	
06130230	3.5 ÷ 6.5	06130010	06140020	3.5 ÷ 4	00843200	4	–	
			06140021	4 ÷ 4.5	00843201	5.5		
			06140022	4.5 ÷ 5.5				
			06140023	5.5 ÷ 6.5				
06130231	6 ÷ 12	06130011	06140024	6 ÷ 8	00840101	8	00840001	100
			06140025	8 ÷ 10	00840102	10		
			06140026	10 ÷ 12				
06130232	11 ÷ 20	06130011	06140027	11 ÷ 14	00840103	11	00840301	150
			06140028	14 ÷ 17	00840105	17		
			06140029	17 ÷ 20				
06130233	20 ÷ 40	06130011	06140030	20 ÷ 25	00840106	25	00841100	150
			06140031	25 ÷ 30	00840107	35		
			06140032	30 ÷ 35				
			06140033	35 ÷ 40				
06130234	40 ÷ 100	06130011	06140034	40 ÷ 50	00840108	50	00841800	150
			06140035	50 ÷ 60	00840109	70		
			06140036	60 ÷ 70	00840110	90		
			06140037	70 ÷ 80				
			06140038	80 ÷ 90				
			06140039	90 ÷ 100				
06130235	100 ÷ 200	06130012	06140040	100 ÷ 125	00840112	125	00842600	150
			06140041	125 ÷ 150	00840113	175		
			06140042	150 ÷ 175				
			06140043	175 ÷ 200				

Set composition for the application range from 200 to 300 mm available upon request

No	No	mm
Measuring Element	*Measuring heads*	
06130012	06140044	200 ÷ 225
	06140045	225 ÷ 250
	06140046	250 ÷ 275
	06140047	275 ÷ 300

- ✓
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TESA IMICRO capa u system with Digital Display – Full Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.

№	mm	№	mm	№	mm	№	mm
Full sets including		*Single micrometers*		*Setting rings*		*Extensions*	
06130220	3.5 ÷ 6.5	06130101	3.5 ÷ 4	00843200	4	–	
		06130102	4 ÷ 4.5	00843201	5.5		
		06130103	4.5 ÷ 5.5				
		06130104	5.5 ÷ 6.5				
06130221	6 ÷ 12	06130105	6 ÷ 8	00840101	8	00840001	100
		06130106	8 ÷ 10	00840102	10		
		06130107	10 ÷ 12				
06130222	11 ÷ 20	06130108	11 ÷ 14	00840103	11	00840301	150
		06130109	14 ÷ 17	00840105	17		
		06130110	17 ÷ 20				
06130223	20 ÷ 40	06130111	20 ÷ 25	00840106	25	00841100	150
		06130112	25 ÷ 30	00840107	35		
		06130113	30 ÷ 35				
		06130114	35 ÷ 40				
06130224	40 ÷ 100	06130115	40 ÷ 50	00840108	50	00841800	150
		06130116	50 ÷ 60	00840109	70		
		06130117	60 ÷ 70	00840110	90		
		06130118	70 ÷ 80				
		06130119	80 ÷ 90				
		06130120	90 ÷ 100				
06130225	100 ÷ 200	06130121	100 ÷ 125	00840112	125	00842600	150
		06130122	125 ÷ 150	00840113	175		
		06130123	150 ÷ 175				
		06130124	175 ÷ 200				

✓

DIN 863 T4 (Style C1)

0.001 mm 0.0005 in

Metric/inch Conversion

LCD. 7 mm digit height

Floating zero

Display lock

Measuring faces for application ranges
3.5 to 12 mm: hardened steel (HV30 770)
11 to 100 mm: TiN hard-coating (HV5 2300)
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RS 232 opto-coupled. 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%. non condensing

✓

Measuring element IP54 (IEC 60529) or IP40 with active data output

Plastic case

Identification number

TESA's calibration certificate

Declaration of conformity