

# SALE



**TESA**  
TECHNOLOGY

**Mitutoyo**

**Krøplin**  
Längenmesstechnik

**Dino-Lite**  
Digital Microscope

*Filetta*

precision measuring instruments  
**mechanical - optical - electronical**

Phasing out models

**While stocks last**

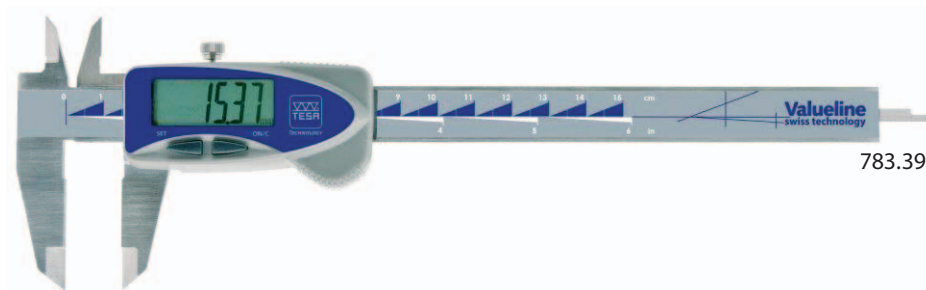
Revision date: October 2019

**SALE**


### TESA Valueline

Digital TESA VALUELINE calipers, affordable alternative with full TESA quality assurance.

- Measuring range: 0 - 150 mm.
- Resolution: 0.01 mm.
- Protection: IP40.



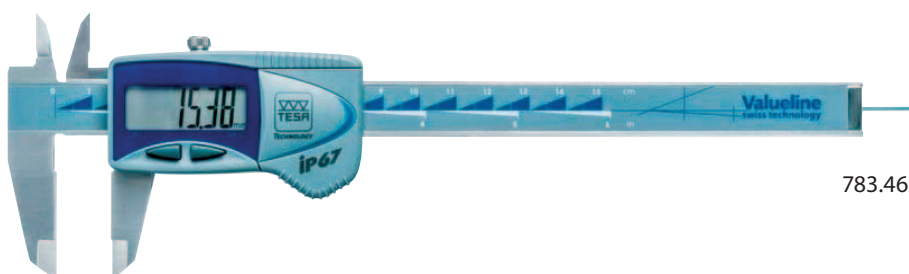
783.391

Item. No.	Depth rod	Price EUR	-25%
783.391	flat	<del>82.00</del>	61.50
783.407	round	<del>82.00</del>	61.50

### TESA Valueline IP67

Digital TESA VALUELINE calipers, affordable alternative with full TESA quality assurance.

- Measuring range: 0 - 300 mm.
- Resolution: 0.01 mm.
- Protection: IP67.



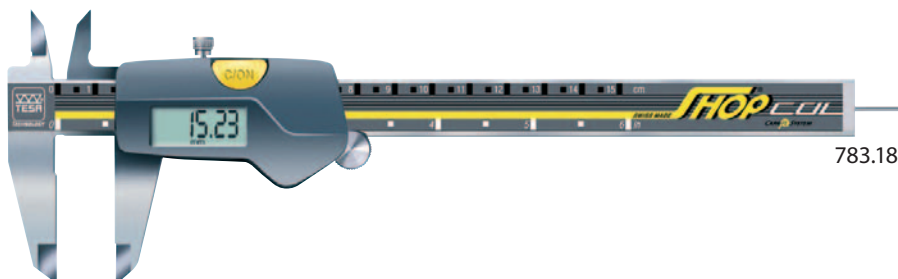
783.462

Item. No.	Measuring range/mm	Depth rod	Thumb wheel	Price EUR	-25%
783.462	0 - 150	round	–	<del>99.00</del>	74.25
783.460	0 - 200	flat	✓	<del>148.00</del>	111.00
783.463	0 - 300	flat	✓	<del>199.00</del>	149.25

### TESA Shop-Cal digital $\mu$ calipers

Digital TESA calipers with the patented  $\mu$  measuring system. Original design and an excellent price-performance ratio.

- Measuring range: 0 - 200 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset.
- Round depth rod:  $\varnothing$  1.5 mm.
- Protection: IP40.
- DIN 862.
- Power supply: 1 battery type CR2032.



783.181

Item. No.	Measuring range/mm	Jaw length mm	Price EUR	-25%
783.181	0 - 150	40	<del>99.00</del>	74.25
783.182	0 - 200	50	<del>141.00</del>	105.75

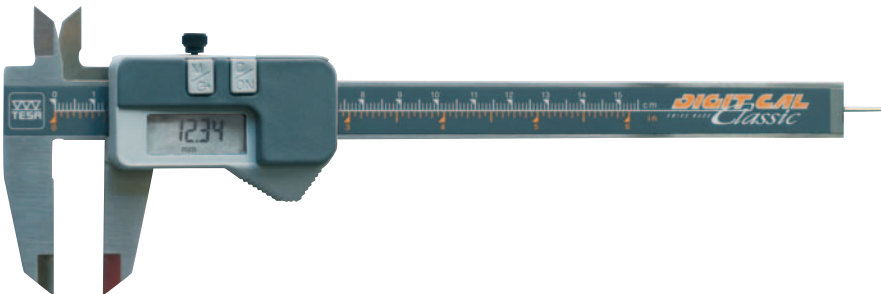
SALE



TESA DIGIT-CAL caliper

The advantage of these calipers is the one-time setting of the absolute zero position until the battery has to be changed.

- Measuring range: 0 - 150 mm.
- Resolution: 0.01 mm.
- Accuracy: ± 0.03 mm.
- mm/inch conversion.
- Automatic switch-off.
- Protection: IP40.
- DIN 862.
- Power supply: 1 battery type 2032.
- Battery life: approx. 2 years (2000 working hours/year).

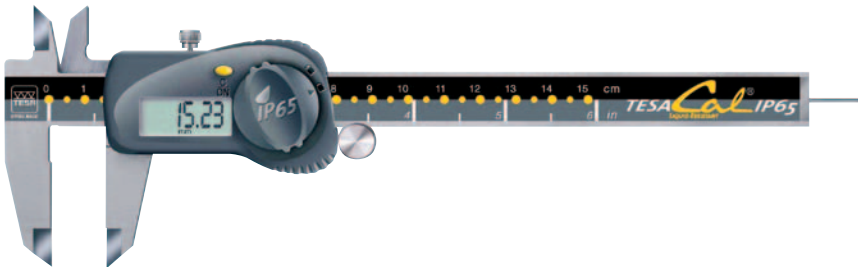


Item. No.	Price EUR	-50%
781.827	<del>141.00</del>	70.50

TESA-CAL caliper IP65

High-quality TESA caliper, therefore highly reliable in workshop conditions. With the patented magnetic Magna  $\mu$  measuring system. Authentic Swiss made product. IP65 guarantees that the caliper is resistant to dust, metal particles, water jets and oil. Immune against magnetic fields.

- Measuring range: 0 - 150 mm.
- Resolution: 0.01 mm.
- Accuracy: ± 0.03 mm.
- mm/inch conversion.
- Automatic switch-off.
- Reset.
- Max. measuring speed: approx. 2 m/s.
- Round depth rod:  $\varnothing$  1.5 mm.
- Protection: IP65.
- DIN 862.
- Power supply: 1 battery (CR2032).

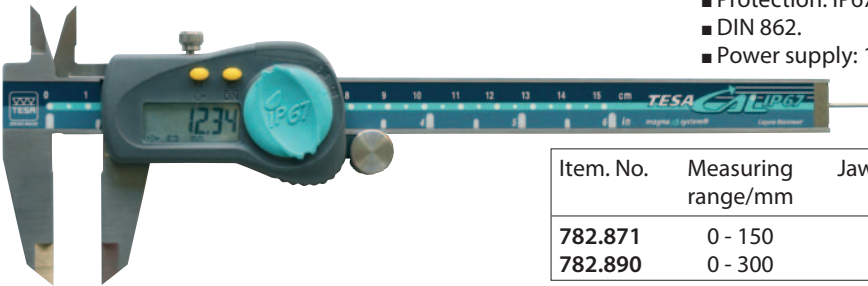


Item. No.	Price EUR	-25%
782.146	<del>128.00</del>	96.00

TESA-Cal digital magna  $\mu$  calipers IP67

High-quality series TESA calipers with the patented magnetic magna  $\mu$  measuring system, immune against magnetic fields. Highly reliable in workshop conditions; the IP67 protection degree guarantees that the calipers are resistant to dust, metal particles and oil, and even last temporary immersion. Authentic Swiss made product.

- Measuring range: 0 - 300 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- With Opto-RS232C data output.
- Automatic switch-off.
- Reset.
- Max. measuring speed: approx. 2 m/s.
- Round ( $\varnothing$  1.5 mm) or flat depth rod.
- Protection: IP67.
- DIN 862.
- Power supply: 1 battery type CR2032.



Item. No.	Measuring range/mm	Jaw length mm	Depth rod	Price EUR	-30%
782.871	0 - 150	40	round	<del>231.00</del>	161.70
782.890	0 - 300	64	flat	<del>422.00</del>	295.40

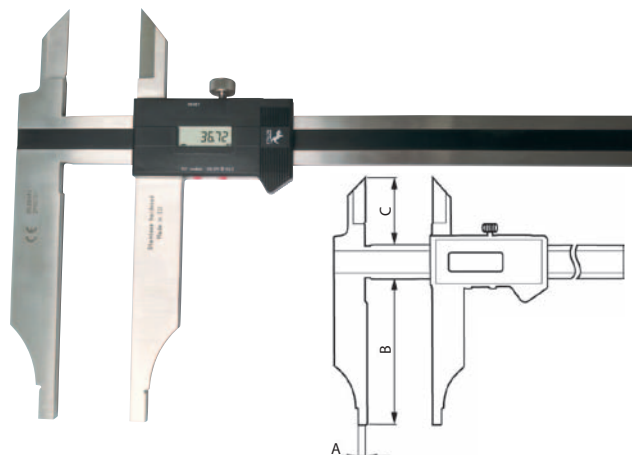
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### Etalon digital workshop calipers

Calipers with measuring ranges up to 1000 mm. Hardened stainless steel measuring jaws, with rounded jaw ends for internal and external measurements.

- Measuring range: 0 - 1000 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- Opto-RS232C data output, bidirectional.
- Reset.
- Hold function.
- Max. measuring speed: 1.5 m/s.
- DIN 862.
- Power supply: 1 battery (CR2032).

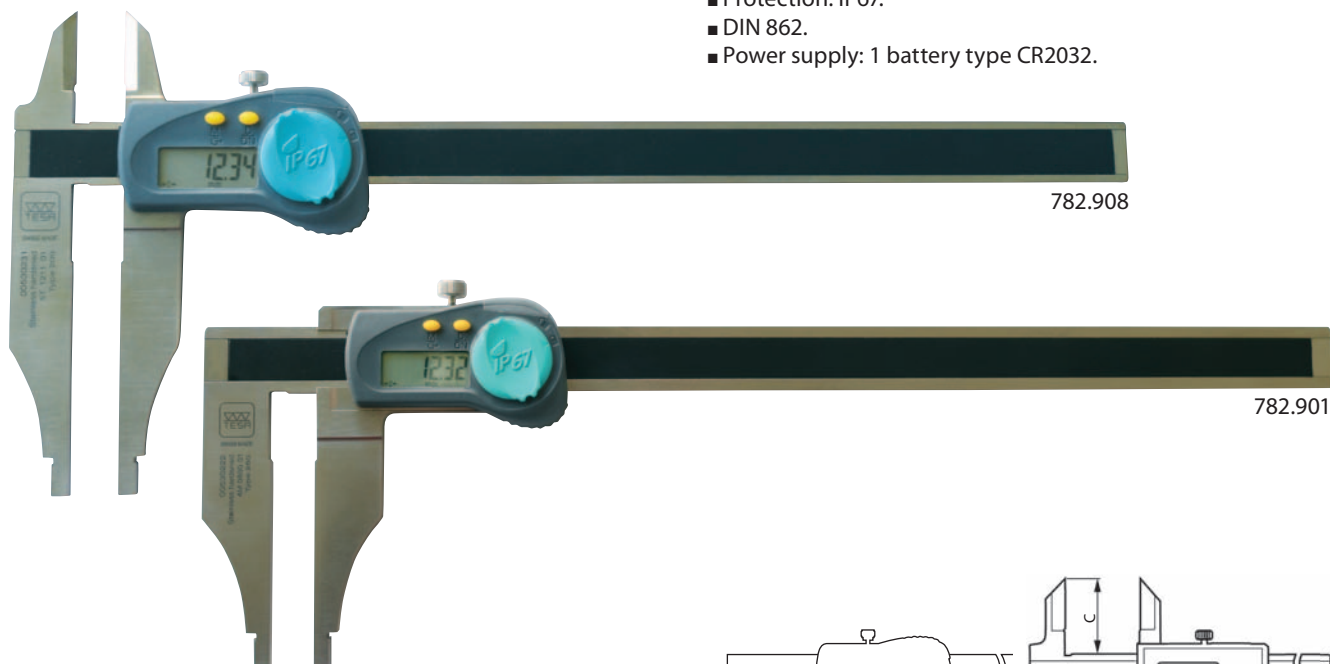


Item. No.	Length/mm			Price EUR	-25%
	A	B	C		
782.254	10	150	65	<del>1,586.00</del>	1,189.50

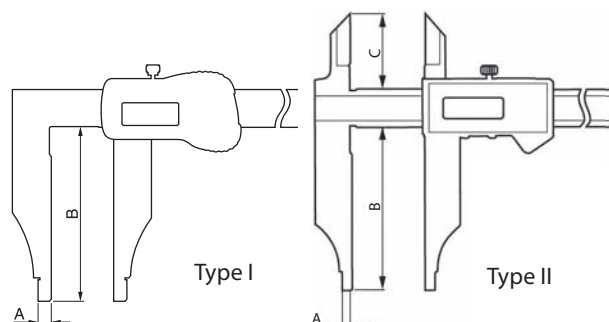
### TESA digital workshop calipers IP67

Waterproof and dust proof calipers with measuring ranges up to 250mm. Hardened stainless steel measuring jaws, with rounded jaw ends for external measurements. Available with or without measuring knives for external measurements.

- Measuring range: 0 - 250 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- Opto-RS232C data output, bidirectional.
- On/reset switch.
- Automatic switch-off.
- Hold function.
- Max. measuring speed: 1.8 m/s.
- Protection: IP67.
- DIN 862.
- Power supply: 1 battery type CR2032.



Item. No.	Measuring range/mm	Length/mm			Price EUR	-25%
		A	B	C		
Without measuring knives (I):						
782.901	0-250	5	80	–	<del>386.00</del>	289.50
With measuring knives for external measurements (II):						
782.908	0-200	5	80	30	<del>423.00</del>	317.25



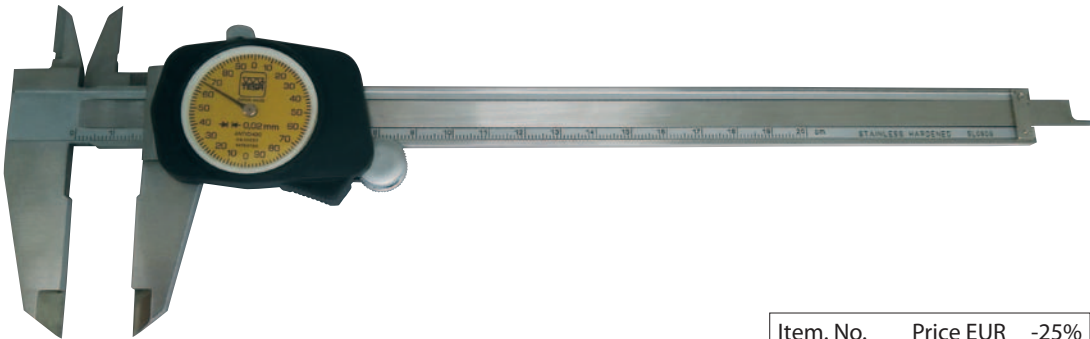
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TESA dial caliper

CCMA-P type stainless steel dial caliper. Can be used in rough working conditions thanks to the highly protective rack cover.

- Measuring range: 0 - 200 mm.
- Graduation: 0.02 mm, 1 revolution = 2 mm.
- Rotatable dial.
- DIN 862.
- Plastic dial housing.

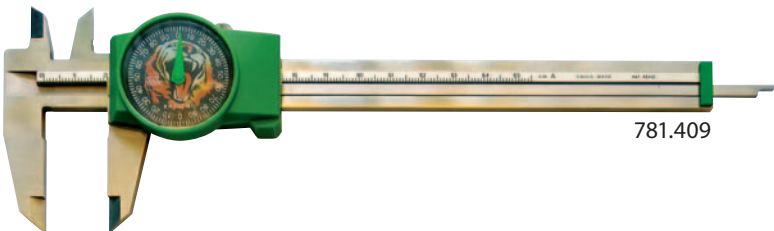


Item. No.	Price EUR	-25%
781.586	<del>163.00</del>	122.25

TESA dial calipers

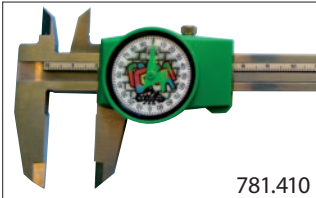
Rugged dial calipers model CCMA-P, out of hardened stainless steel and with patented shockproof design. Ideal for use in the workshop.

- Measuring range: 0 - 150 mm.
- Graduation: 0.02 mm, 1 revolution = 2 mm.
- Rotatable dial, ø 32 mm.
- Shockproof.
- DIN 862.
- Plastic dial housing.

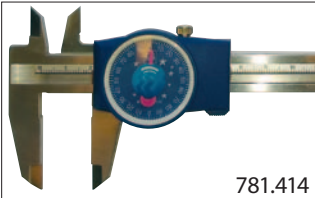


781.409

Item. No.	Price EUR	-25%
781.409	<del>77.00</del>	57.75
781.410	<del>77.00</del>	57.75
781.414	<del>77.00</del>	57.75
781.415	<del>77.00</del>	57.75



781.410



781.414



781.415

Etalon vernier calipers with large measuring range

Heavy duty stainless steel calipers with no-glare chrome finished scale and vernier.

- Measuring range: 0 - 600 mm.
- Vernier graduation: 0.02 mm and 1/1000 inch.
- DIN 862.
- Jaw length: 125 mm
- Type 101/101R
- Rounded jaw ends for internal measurements



781.603

Item. No.	Measuring range/mm	scale mm/inch	Price EUR	-30%
781.603	0 - 400	mm/inch	<del>425.00</del>	297.50
781.604	0 - 600	mm	<del>765.00</del>	535.50

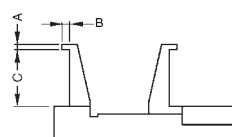
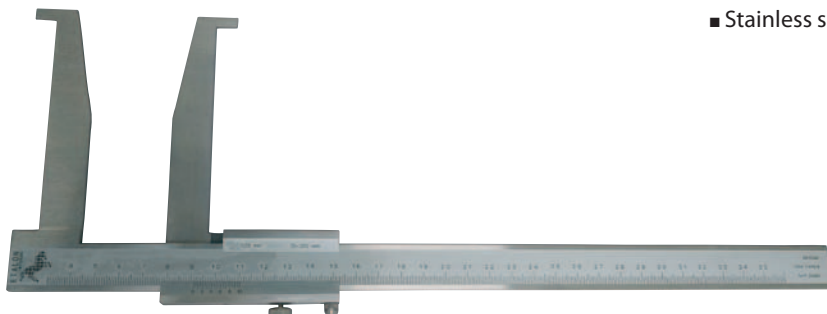


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### Etalon vernier caliper for internal measurements

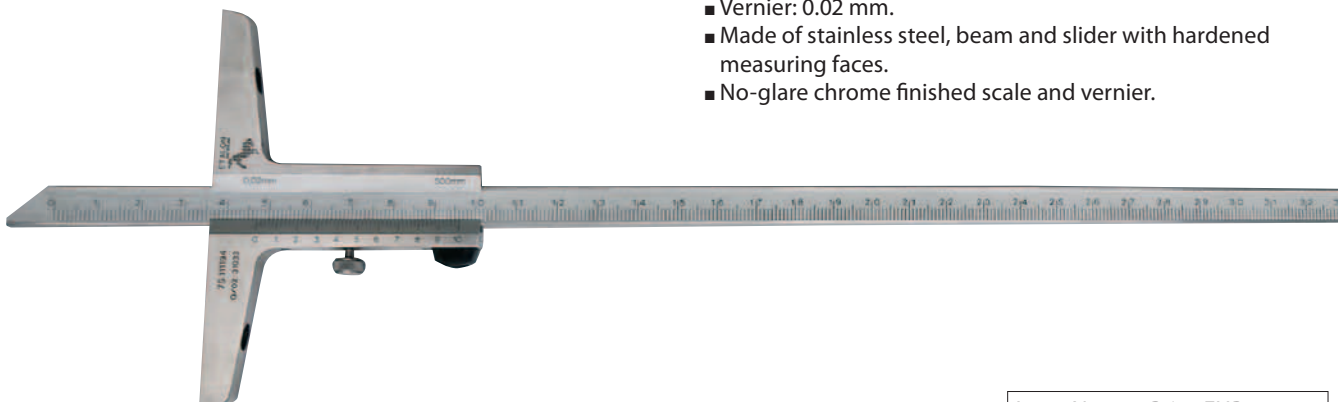
- Measuring range: 35 - 300 mm.
- Vernier: 0.05 mm.
- Stainless steel with no-glare chrome finished scale.



Item. No.	Size mm			Price EUR	-25%
	A	B	C		
<b>781.767</b>	5	10	100	<del>347.00</del>	260.25

### Etalon depth gauge

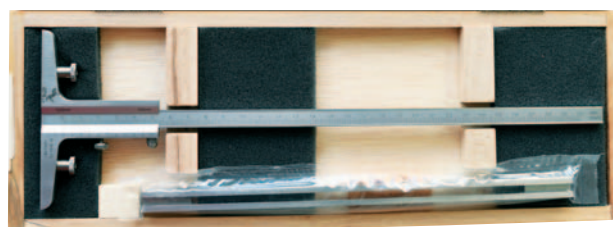
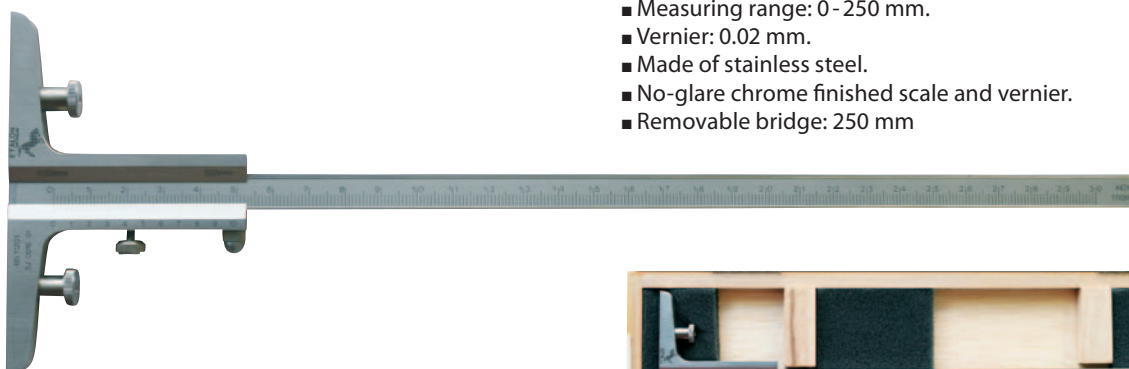
- Measuring range: 0 - 500 mm.
- Vernier: 0.02 mm.
- Made of stainless steel, beam and slider with hardened measuring faces.
- No-glare chrome finished scale and vernier.



Item. No.	Price EUR	-25%
<b>782.261</b>	<del>293.00</del>	219.75

### Etalon depth gauge with removable bridge

- Measuring range: 0 - 250 mm.
- Vernier: 0.02 mm.
- Made of stainless steel.
- No-glare chrome finished scale and vernier.
- Removable bridge: 250 mm



Item. No.	Price EUR	-25%
<b>781.749</b>	<del>354.00</del>	265.50

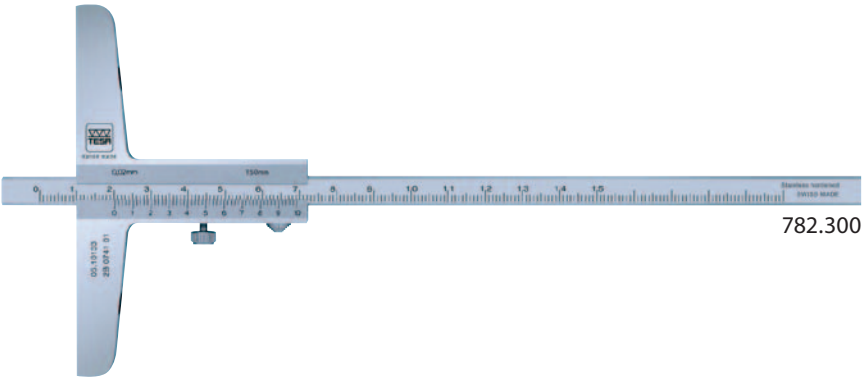
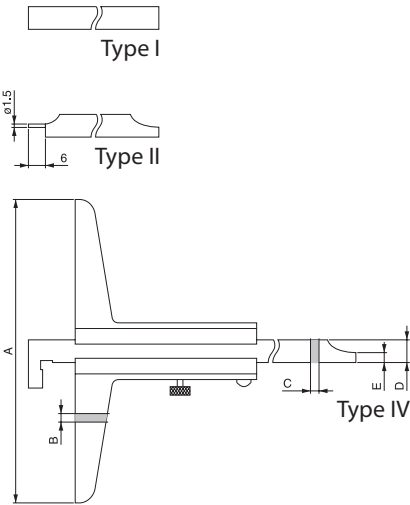
SALE



TESA depth calipers

Hardened stainless steel depth calipers with no-glare chrome finished scale and vernier. Reduced scale section for easy access to difficult measuring points. The main scale is slightly set back for wear protection. Suited for use with removable bridges. Authentic Swiss made product.

- Measuring range: 0 - 250 mm.
- Vernier: 0.02 or 0.05 mm.
- DIN 862.

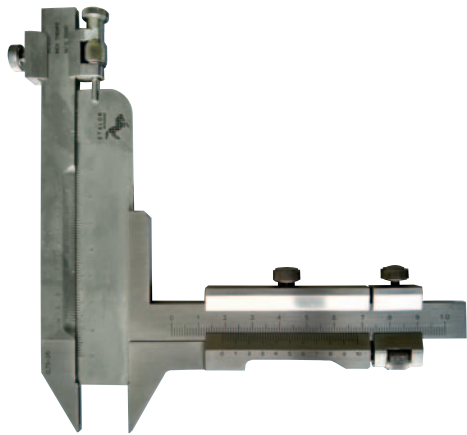


782.300

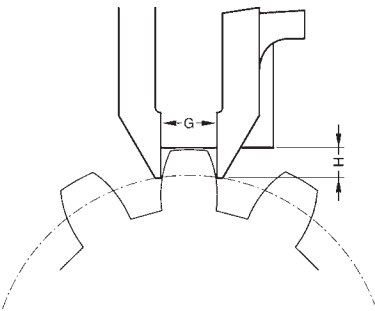
Item. No.	Measuring range/mm	Base length A/mm	Dimensions/mm				Price EUR	-25%
			B	C	D	E		
Flat measuring face (I):								
782.300	0 - 150	100	7.5	3	8	—	<del>75.00</del>	56.25
782.301	0 - 250	100	7.5	3	8	—	<del>85.00</del>	63.75
Convertible models with a steel tip and a short cut measuring face (II):								
782.305	0 - 250	100	7.5	3	8	4	<del>105.00</del>	78.75
Convertible models with a hook and a short cut measuring face (IV):								
782.880	0 - 250	130	8.5	4	12	4	<del>120.00</del>	90.00

Etalon gear tooth vernier calipers

The vertical slider sets the height (H) from the top of the tooth to the pitch line. Subsequently, the horizontal slider measures the tooth thickness (G) at the pitch line.



- Measuring range: Module 0.75 - 26.
- Vernier: 0.02 mm.
- Stainless steel, tungsten carbide tipped measuring faces.



Item. No.	Price EUR	-25%
781.768	<del>1,047.00</del>	785.25

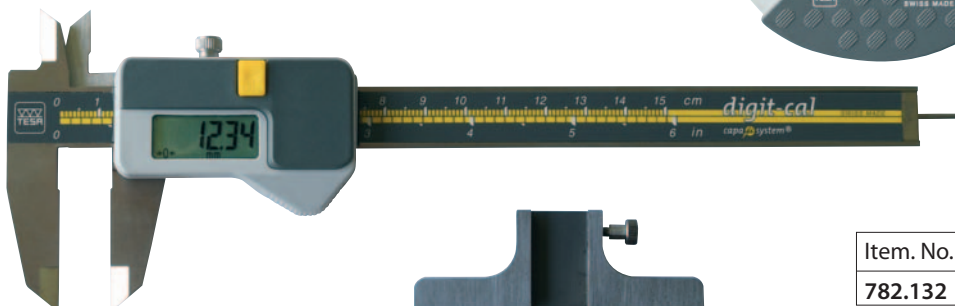
# SALE



## TESA instrument set

The most popular measuring instruments in one case, ready for daily use.

- TESA DIGIT-CAL caliper. with *capa μ* system, measuring range: 0-150 mm, resolution: 0.01 mm.
- Depth measuring base.
- Digital micrometer, measuring range: 0-30 mm, resolution: 0.001 mm.



Item. No.	Type	Price EUR	-25%
782.132	DUO-SET 11	<del>358.00</del>	268.50

## TESADIGIT

TESA micrometers are rugged mechanical precision measuring instruments for quick and highly accurate measuring of external dimensions.

- Measuring range: 0-100 mm.
- Resolution: 0.001 mm.
- No-glare chrome finished frame.
- Tungsten carbide measuring faces:  $\varnothing$  6.5 mm.
- Metric/inch conversion.
- Adjustable tolerance limits.
- Classification of measured values by means of LCD coloured segments: green = good, yellow = rework and red = reject.
- Hold function for measured values.

- Conforms to DIN 863/1 specifications.



781.332

Item. No.	Measuring range/mm	Price EUR	-50%
781.332	0- 25	<del>311.00</del>	155.50
781.333	25- 50	<del>410.00</del>	205.00
781.334	50- 75	<del>490.00</del>	245.00
781.335	75-100	<del>546.00</del>	273.00

## TESADIGIT with small measuring faces

TESA micrometers are rugged mechanical precision measuring instruments for quick and highly accurate measuring of external dimensions. For measuring hard-to-reach measuring points such as grooves.

- Measuring range: 0-17 mm.



Item. No.	Price EUR	-25%
781.424	<del>361.00</del>	270.75



SALE



TESA CLASSICMASTER

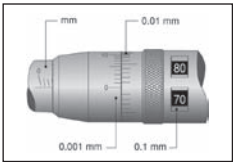
- Measuring range: 50 - 75 mm.
- Graduation: 0.01 mm.
- DIN 863 T1.
- Delivery in a case with adjustment tool.



Item. No.	Price EUR	-25%
781.745	<del>154.00</del>	115.50

TESAMASTER

- Measuring range: 225 - 250 mm.
- Vernier: 0.001 mm, parallax-free.
- Accuracy:  $\pm 0.008$  mm.
- Counter resolution: 0.1 mm.
- Tungsten carbide measuring faces:  $\varnothing 8$  mm.
- Varnished frame and chrome finished thimble.
- DIN 863 T1.
- Delivery with adjustment tool.



Item. No.	Price EUR	-25%
779.215	<del>728.00</del>	546.00

TESA wire and ball micrometer

- Measuring range: 0 - 10 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.004$  mm.
- No-glare chrome finished frame and thimble.
- 2 flat surfaces for supporting the wires.
- DIN 863 T3.



Item. No.	Price EUR	-25%
779.101	<del>310.00</del>	232.50

# SALE



## TESA micrometer with prismatic anvil

TESA Isomaster with prismatic anvil for measuring objects with an uneven number of grooves and determining roundness errors on cylindrical surfaces. The angle of the prism aperture is designed for workpieces having a number of 5 flutes.

- Measuring range: 1 - 7 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.004$  mm.
- Varnished frame; no-glare chrome thimble
- For 5-fluted objects, 108° V-angle, 0.559 mm spindle thread pitch.
- DIN 863 T3.



Item. No.	Price EUR	-25%
779.242	<del>528.00</del>	396.00

## TESA micrometer with prismatic anvil

TESA Isomaster with prismatic anvil for measuring objects with an uneven number of grooves and determining roundness errors on cylindrical surfaces. The angle of the prism aperture is designed for workpieces having a number of 7 flutes.

- Measuring range: 5 - 25 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.004$  mm.
- For 7-fluted objects, 128° V-angle.
- DIN 863 T3.



Item. No.	Price EUR	-25%
779.248	<del>375.00</del>	281.25

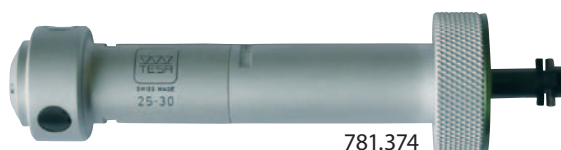
## TESA IMICRO SM

The IMICRO SM combines the unique measuring cone of the IMICRO with an electronic measuring system.

- Measuring range:  $\varnothing$  8 - 100 mm.
- Resolution: 0.001 mm.
- $\varnothing$  17 - 100 mm: measuring faces with extremely high wear resistant coating.

### Measuring heads

Item. No.	Measuring range/mm	Price EUR	-25%
781.368	$\varnothing$ 8 - 10	<del>282.00</del>	211.50
781.369	$\varnothing$ 10 - 12	<del>284.00</del>	213.00
781.372	$\varnothing$ 17 - 20	<del>335.00</del>	251.25
781.374	$\varnothing$ 25 - 30	<del>379.00</del>	284.25
781.375	$\varnothing$ 30 - 35	<del>384.00</del>	288.00
781.376	$\varnothing$ 35 - 40	<del>390.00</del>	292.50
781.378	$\varnothing$ 50 - 60	<del>540.00</del>	405.00
781.382	$\varnothing$ 90 - 100	<del>573.00</del>	429.75



781.374

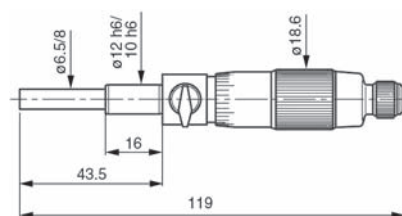
SALE



### Etalon micrometer head

Etalon micrometer heads serve as built-in components on measuring systems, microscopes and other measuring instruments.

- Measuring range: 0 - 25 mm.
- Vernier: 0.002 mm.
- Accuracy:  $\pm 0.003$  mm.
- Clamping stem:  $\varnothing 10h6$ .
- Spindle:  $\varnothing 6.5$  mm.
- Tungsten carbide measuring face.
- Locking screw.
- DIN 863 T2.

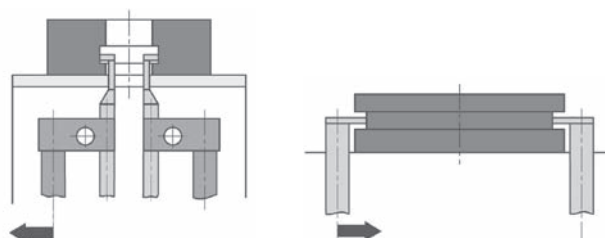
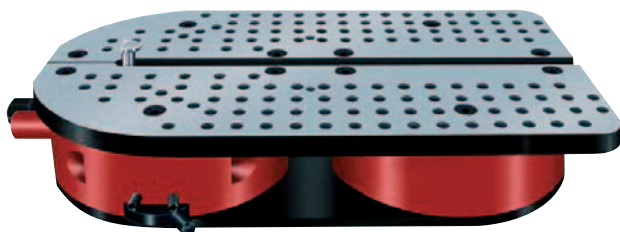


Item. No.	Price EUR	-25%
781.584	<del>224.00</del>	168.00

### TESA QUICK-CONTROL 2

Comparative measuring instrument for external and internal dimensions. Distances between bores can also be measured. A large number of accessories makes the QUICK-CONTROL ideal for the serial inspection of parts.

- Measuring range:
  - external dia. 0 - 425 mm,
  - internal dia. 47 - 430 mm.
- Adjustable measuring force: 0 - 15 N.
- Reversible measurement direction.
- Max. travel of movable inserts: 65 mm.
- Measuring repeatability:  $\pm 2$   $\mu$ m (excl. dial indicator and when using standard inserts).
- The large number of bolt holes ensure many mounting possibilities.
- Read out by means of a dial indicator, digital indicator or probe (to be ordered separately) with 8 mm dia. stem.
- Solid base with hardened and ground steel supporting table.
- Diameter supporting table: 300 mm.
- Complete set for QUICK-CONTROL 2:
  - Basic measuring instrument.
  - 1 pair of inserts for internal dimensions from 8.5 mm dia. and external dimensions.
  - 1 pair of inserts for internal dimensions from 25 mm and external dimensions.
  - 1 pair of disc-shaped inserts for internal dimensions from 30 mm and external dimensions.
  - 1 insert holder for external dimensions up to 115 mm and internal dimensions from 2 to 143 mm; clamping shaft 8 mm.
  - 1 insert holder for external dimensions from 97 - 170 mm and internal dimensions from 115 - 208 mm; clamping shaft 8 mm.
  - 1 pair of insert adapters, stem 8 mm, clamping shaft 5 mm.
  - 1 pair of raising supports; height 20 mm (for small work pieces).
  - Extension for dial indicators.
  - Plastic case with space for additional probes and dial indicator.
  - Locking segment for insert holder.
- Delivery with a declaration of conformity.



Item. No.	Price EUR	-25%
781.420	<del>7,030.00</del>	5,272.50

SALE



### Digital dial indicators TESA Digico

Digital dial indicators with digital and digital-analog read-out. Authentic Swiss made product.

- Measuring range: 0 - 25 mm.
- Resolution: 0.01 or 0.001 mm.
- mm/inch conversion (except 783.081).
- USB/RS232C data output.
- Automatic switch-off.
- Absolute mode (spindle position is also read after automatic switch-off).
- Reset.
- Measuring force:  $\leq 2.0$  N.
- Dial diameter: 57 mm.
- Reversible measuring direction.
- Adjustable tolerance markers.
- Key lock function.
- DIN 878.
- Power supply: 1 battery type CR2032.

#### TESA Digico 400/500

The 270° rotatable display guarantees an ideal read-out in any position.

- Preset.
- Overall reset.
- ABS/INC switchable.
- Numerical tolerance limits.
- Function for dynamic measurements (min, max, max-min).



783.143

Item. No.	Type	Measuring range/mm	Resolution mm	Accuracy mm	Price EUR	-25%
<b>TESA Digico 200/300:</b>						
<b>783.081</b>	305 M	0 - 12.5	0.001	$\pm 0.008$	<del>328.00</del>	246.00
<b>TESA Digico 400/500:</b>						
<b>783.082</b>	405 MI	0 - 12.5	0.01	$\pm 0.02$	<del>349.00</del>	261.75
<b>783.083</b>	505 MI	0 - 12.5	0.001	$\pm 0.004$	<del>410.00</del>	307.50
<b>783.143</b>	510 MI	0 - 25	0.001	$\pm 0.005$	<del>491.00</del>	368.25

### TESA circular spirit level

For the inspection and alignment of flat surfaces. The 2 vials permit a simultaneous alignment in the X and Y axes. The level can be fixed onto a surface.

- Diameter: 40 mm.
- 3x M2 holes for fixing to surfaces.



Item. No.	Price EUR	-30%
<b>783.077</b>	<del>274.00</del>	191.80

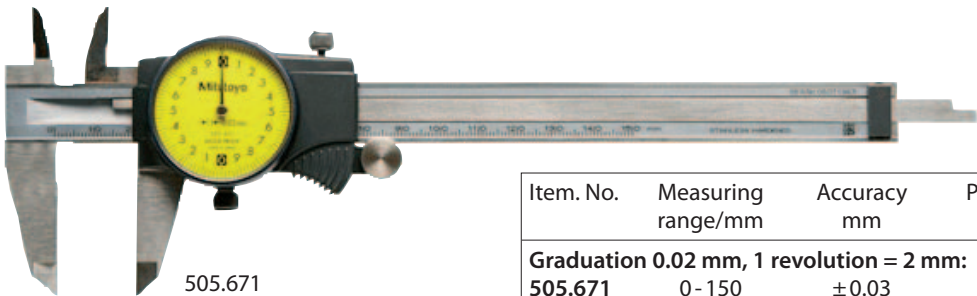
SALE

Mitutoyo

Mitutoyo dial calipers

Mitutoyo dial calipers, made of special corrosion-free steel, with hardened and lapped measuring faces and protected rack. The slider is titanium coated.

- Measuring range: 0 - 300 mm.
- Graduation: 0.02 mm.
- Titanium coating is applied to the sliding surfaces (except for 0 - 300 mm model).



Item. No.	Measuring range/mm	Accuracy mm	Price EUR	-25%
Graduation 0.02 mm, 1 revolution = 2 mm:				
505.671	0 - 150	±0.03	<del>95.00</del>	71.25
505.672	0 - 200	±0.03	<del>195.00</del>	146.25
505.673	0 - 300	±0.04	<del>294.00</del>	220.50

Mitutoyo dial caliper

- Measuring range: 0 - 300 mm.
- Graduation: 0.05 mm.



Item. No.	Price EUR	-25%
504.102	<del>154.00</del>	115.50

Mitutoyo Absolute Digimatic depth gauge

Specially designed to measure tire tread depth.

- Measuring range: 0 - 25 mm.
- Resolution: 0.01 mm.
- Accuracy: ±0.02 mm.
- Digimatic data output.



Item. No.	Price EUR	-25%
571.100	<del>208.00</del>	156.00



**SALE**

# Mitutoyo

## Mitutoyo Holtest three-point internal micrometer set IP65

Three three-point internal micrometers for quick and accurate measurement of internal dimensions, within a large measuring range. The application of high-quality materials ensures a long life span.

- Measuring range:  $\varnothing$  12 - 25 mm.
- Resolution 0.001 mm.
- Digimatic data output.
- Automatic switch-off.
- Measuring faces: hardened steel, with titanium nitride (TiN) coating.
- Tungsten carbide cone and contact point of the spindle.
- Protection: IP65.
- Power supply: 1 battery type V357.



Item. No.	Price EUR	-25%
468.962	<del>2,680.00</del>	2,010.00

## Mitutoyo Borematic three-point internal micrometer

Three-point internal micrometer with the Absolute system and a large 6 digit LCD display for an easy read-out of the measurement and tolerance indication. The 330° rotatable display guarantees an ideal read-out in any position. Easy and fast one-handed operation.

- Measuring range: 16 - 20 mm.
- Resolution: 0.001 mm.
- Accuracy:  $\pm 0.005$  mm. Only valid with close contact of all measuring surfaces.
- ABS/INC switchable.
- Digimatic data output.
- Dial rotatable over 330°.
- Adjustable tolerance limits.
- Lapped tungsten carbide measuring faces.
- Power supply: 1 battery (V357).



Item. No.	Price EUR	-25%
568.335	<del>1,070.00</del>	802.50

## Mitutoyo external measuring instrument

- Measuring range: 0 - 10 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.02$  mm.
- Measuring force:  $\leq 1.3$  N.



Item. No.	Price EUR	-25%
209.659	<del>402.00</del>	301.50

SALE

Mitutoyo

Mitutoyo internal measuring instrument

Mitutoyo offers a complete selection of Bore Gages, all of them with interchangeable anvils and necessary accessories to perform close tolerance ID measurements

- Measuring range: 18-35 mm.
- Graduation: 0.001 mm.
- Most popular Bore Gages.
- Carbide-tipped contact points for durability.
- The dial indicator is fully protected by a rugged cover.
- Optional extension rods can be attached for measuring deep holes.
- Economy Bore Gage Sets are also available.



Item. No.	Price EUR	-25%
511.167	<del>298.00</del>	223.50

Mitutoyo dial indicator 0.01 mm

A multi-revolution dial indicator suited to general measurement applications. The dual-reading scale aids measurements in both directions.

- Measuring range: 0-10 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.013$  mm.
- Measuring force:  $\leq 1.4$  N.
- 1 pointer revolution = 1 mm.
- Scale numbering: 0-100 (100-0).
- Clamping stem:  $\varnothing 8$  mm.
- Rotatable dial with locking screw and adjustable tolerance markers.
- Back with lug.



Item. No.	Price EUR	-25%
204.610	<del>64.00</del>	48.00

Mitutoyo lever-type dial test indicator 0.01 mm

This dial test indicator is able to measure in both directions without having to switch direction.

- Measuring range: 0.8 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm 0.008 f_{ges}$  /mm.
- Measuring force:  $\leq 0.3$  N.
- Scale numbering: 0-40-0.
- Clamping stem:  $\varnothing 8$  mm.



Item. No	Price EUR	-25%
513.284	<del>113.00</del>	84.75

**SALE**
**Kroeplin**  
Längenmesstechnik

**Kroeplin internal measuring instrument H2X001 IP65**

- Measuring range: 10 - 30 mm.
- Graduation: 0.01 mm.
- Protection: IP65.
- Including depth measuring gauge.



Item. No.	Price EUR	-15%
854.902	<del>647.00</del>	549.95

**Kroeplin digital internal measuring instrument IP63**

Kroeplin's quickestest measuring instruments has a compact, ergonomical design. The digital-analog display makes read-out easier.

- Measuring range: 40 - 100 mm.
- Resolution: 0.02 mm.
- Accuracy:  $\pm 0.06$  mm.
- Repeatability: 0.04 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With tolerance display.
- Purpose-built measuring program and measuring inserts.
- Protection: IP63.
- Power supply: 1 battery type AA.



Item. No.	Price EUR	-15%
854.895	<del>466.00</del>	396.10

**Kroeplin internal measuring instruments Intertest**

Measuring instruments for accurate and reliable measurements of internal dimensions.

- Measuring range: 15 - 310 mm.
- Very fine tolerances on the various parts.
- Impact and shock-resistant housing.
- Shock-resistant movement of the measuring arm.
- Two adjustable tolerance markers.



854.807

Item. No.	Measuring range/mm	Graduation mm	Accuracy mm	Repeatability mm	Price EUR	-15%
854.823	80 - 100	0.01	$\pm 0.03$	$\pm 0.01$	<del>322.00</del>	273.70
854.807	15 - 65	0.05	$\pm 0.05$	$\pm 0.025$	<del>377.00</del>	320.45
854.810	70 - 120	0.05	$\pm 0.05$	$\pm 0.025$	<del>435.00</del>	369.75
854.820	180 - 310	0.05	$\pm 0.075$	$\pm 0.05$	<del>570.00</del>	484.50

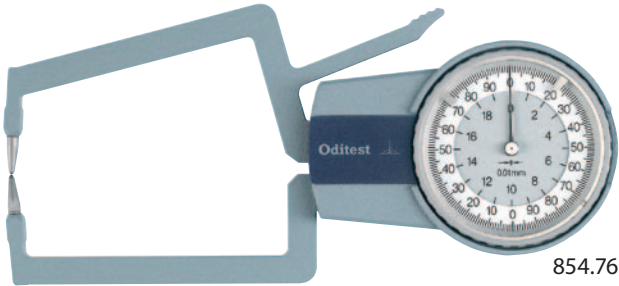
SALE

**Kroeplin**  
Längenmesstechnik

**Kroeplin external measuring instruments Oditest IP65**

External measuring instrument in a version which is highly accurate and reliable.

- Measuring range: 0 - 50 mm.
- Very fine tolerances on the various parts.
- Impact and shock-resistant housing.
- Dust and drip proof.
- Shock-resistant movement of the measuring arms.
- Two adjustable tolerance markers.
- Protection: IP65.



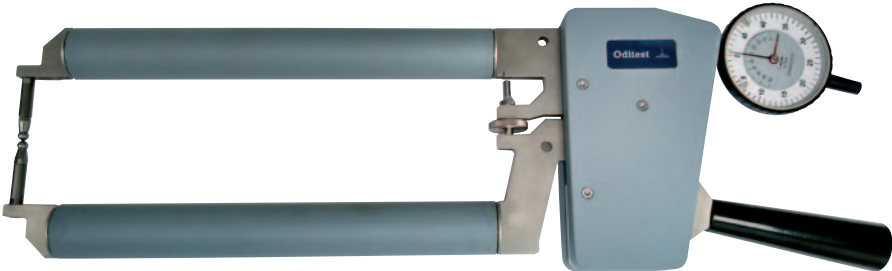
854.765

Item. No.	Measuring range/mm	Graduation mm	Accuracy mm	Repeatability mm	Price EUR	-15%
854.765	0 - 20	0.01	±0.03	±0.01	<del>312.00</del>	265.20
854.775	0 - 50	0.05	±0.05	±0.025	<del>377.00</del>	320.45

**Kroeplin external measuring instrument Oditest IP65**

External measuring instrument in a version which is highly accurate and reliable.

- Measuring range: 0 - 50 mm.
- Graduation: 0.1 mm.
- Accuracy: ±0.15 mm.
- Repeatability: 0.075 mm.
- Very fine tolerances on the various parts.
- Impact and shock-resistant housing.
- Dust and drip proof.
- Damped movement of the measuring arm.
- Adjustable tolerance markers.
- Protection: IP65.



Item. No.	Price EUR	-15%
854.008	<del>834.00</del>	708.90

**Kroeplin external measuring instruments Oditest 22**

External measuring instrument in a version which is highly accurate and reliable.

- Measuring range: 20 - 40 mm.
- Graduation: 0.01 mm.



Item. No.	Price EUR	-15%
854.063	<del>284.00</del>	241.40

**SALE**

## Dino-Lite Digital Microscope

### Dino-Lite USB video measuring microscopes

Very versatile and compact digital microscopes with measuring functions for various medical, industrial and educational applications. Optical product inspection can even be performed around your production machine; thanks to the stepless magnification and LED illumination you can display your products very sharply on the screen. Images can be saved as a picture or video file. Geometrical forms, such as distances, radius and angles can be measured.

- Illumination: 8 LED white ring light.
- With software for Windows and Mac OS X (limited support under Mac OS X).
- Measuring and calibration function and edge detection.
- Dimensions:  $\varnothing 32 \times 120$  mm.



774.192



774.126



774.137



774.189



774.142



774.165



774.173

Item No.	774.189	774.137	774.142	774.192	774.165	774.126	774.173
Price EUR -20%	<del>604.00</del> 483.20	<del>624.00</del> 499.20	<del>489.00</del> 391.20	<del>439.00</del> 351.20	<del>349.00</del> 279.20	<del>349.00</del> 279.20	<del>339.00</del> 271.20
Magnification (stepless)	10 - 50x	20 - 90x	10 - 50x	20 - 90x	10 - 90x	10 - 70x	10 - 50x
Magnification (fixed)	240x	–	220x	–	–	200x	220x
Resolution px	5 M	5 M	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M
Polarizer	–	–	✓	✓	–	–	–
Long working distance	–	✓	–	✓	✓	–	–
Removable front	✓	✓	✓	✓	✓	–	–
Aluminum housing	✓	✓	✓	–	–	–	–
400nm UV + white light	–	–	–	–	–	✓	–
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0



SALE

# Dino-Lite

Digital Microscope

## Dino-Lite video measuring microscopes

Very versatile and compact digital microscopes with measuring functions for various medical, industrial and educational applications. Optical product inspection can even be performed around your production machine; thanks to the stepless magnification and LED illumination you can display your products very sharply on the screen.

- Illumination: 8 LED white ring light.
- Measuring and calibration function and edge detection.
- Dimensions: ø 32 x 120 mm.



774.136

Item No.	774.193	774.136
Price EUR	<del>574.00</del>	<del>284.00</del>
-20%	459.20	227.20
Magnification (stepless)	10 - 70 x	10 - 90 x
Magnification (fixed)	200 x	–
Resolution px	720 x 576	628 x 586
Long working distance	–	✓
Interface	RCA	RCA



774.193

## Dino-Lite USB video heads for measuring microscopes

Very versatile and compact digital microscopes with measuring functions for various medical, industrial and educational applications. Images can be saved as a picture or video file. Geometrical forms, such as distances, radius and angles can be measured.

- With software for Windows and Mac OS X (limited support under Mac OS X).
- Measuring and calibration function and edge detection.



774.084

Item No.	774.084	774.070
Price EUR	<del>169.00</del>	<del>219.00</del>
-20%	135.20	175.20
Magnification (fixed)	72.5 x	–
Resolution px	1.3 M	1.3 M
Aluminum housing	✓	✓
Interface	USB 2.0	USB 2.0



774.070

**SALE**

*Filetta*

### Three-point bore micrometers

Three-point bore micrometers, also for measuring blind bores.

■ Measuring range:  $\varnothing$  6 mm -  $\varnothing$  100 mm.

■ Reading: 0.005 mm.

906.670 - 906.672 and 906.665: 0.001 mm

■ The sets are delivered including setting rings.

#### Sets

Item. No.	Measuring range/mm	Price EUR	-35%
906.670	$\varnothing$ 6 - 8	<del>201.00</del>	130.65
906.671	$\varnothing$ 8 - 10	<del>201.00</del>	130.65
906.672	$\varnothing$ 10 - 12	<del>201.00</del>	130.65
906.673	$\varnothing$ 11 - 14	<del>154.00</del>	100.10
906.674	$\varnothing$ 14 - 17	<del>159.00</del>	103.35
906.675	$\varnothing$ 17 - 20	<del>169.00</del>	109.85
906.676	$\varnothing$ 20 - 25	<del>196.00</del>	127.40
906.677	$\varnothing$ 25 - 30	<del>196.00</del>	127.40
906.678	$\varnothing$ 30 - 35	<del>199.00</del>	129.35
906.679	$\varnothing$ 35 - 40	<del>199.00</del>	129.35
906.680	$\varnothing$ 40 - 50	<del>231.00</del>	150.15
906.681	$\varnothing$ 50 - 60	<del>231.00</del>	150.15
906.682	$\varnothing$ 60 - 70		<i>Sold out</i>
906.683	$\varnothing$ 70 - 80	<del>246.00</del>	159.90
906.684	$\varnothing$ 80 - 90	<del>261.00</del>	169.65
906.685	$\varnothing$ 90 - 100		<i>Sold out</i>

Item. No.	Measuring range/mm	Price EUR	-35%
906.665	$\varnothing$ 6 - 12	<del>564.00</del>	366.60
906.666	$\varnothing$ 11 - 20		<i>Sold out</i>
906.667	$\varnothing$ 20 - 40		<i>Sold out</i>
906.668	$\varnothing$ 40 - 100	<del>1,247.00</del>	810.55



906.676



906.667

SALE

*Filetta*

Feeler stock coils

Feeler stock coils made of hardened or stainless steel.

- Measuring range: 0.01 - 1.00 mm.
- Length: 5 m.
- Width: 12.7 mm.



Thickness mm	Item. No.	Price EUR	-75%	Item. No.	Price EUR	-75%
Hardened steel:				Stainless steel:		
0.01	909.928	<del>29.10</del>	7.28	909.950	<del>43.00</del>	10.75
0.02	909.929	<del>27.40</del>	6.85	909.951	<del>39.90</del>	9.98
0.03	909.930	<del>21.20</del>	5.30	909.952	<del>25.90</del>	6.48
0.04	909.931	<del>21.20</del>	5.30	909.953	<del>25.90</del>	6.48
0.05	909.932	<del>21.20</del>	5.30	909.954	<del>25.90</del>	6.48
0.06	—			909.955	<del>25.90</del>	6.48
0.07	—			909.956	<del>25.90</del>	6.48
0.08	909.935	<del>21.20</del>	5.30	909.957	<del>25.90</del>	6.48
0.09	909.936	<del>21.20</del>	5.30	909.958	<del>25.90</del>	6.48
0.10	909.937	<del>21.20</del>	5.30	909.959	<del>25.90</del>	6.48
0.15	909.938	<del>21.20</del>	5.30	909.960	<del>25.90</del>	6.48
0.20	909.939	<del>21.20</del>	5.30	909.961	<del>25.90</del>	6.48
0.25	909.940	<del>21.20</del>	5.30	909.962	<del>25.90</del>	6.48
0.30	—			909.963	<del>25.90</del>	6.48
0.35	909.942	<del>21.20</del>	5.30	909.964	<del>25.90</del>	6.48
0.40	909.943	<del>21.20</del>	5.30	909.965	<del>25.90</del>	6.48
0.50	909.944	<del>21.20</del>	5.30	909.966	<del>25.90</del>	6.48
0.60	909.945	<del>21.20</del>	5.30	909.967	<del>25.90</del>	6.48
0.70	909.946	<del>21.20</del>	5.30	909.968	<del>25.90</del>	6.48
0.80	909.947	<del>21.20</del>	5.30	909.969	<del>25.90</del>	6.48
0.90	909.948	<del>21.20</del>	5.30	909.970	<del>25.90</del>	6.48
1.00	909.949	<del>21.20</del>	5.30	909.971	<del>25.90</del>	6.48

The listed prices are excl. VAT. While stocks last.  
The terms of sales and delivery as mentioned in the catalog Measuring instruments and systems 2019/2020 apply.



ISO 9001

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General catalog  
2019/2020!