

## Micrometers / Micrometer heads



Accuracy of micrometers according DIN 863	
Measuring range (mm)	Max. permissible errors (µm)
0 - 25	4
25 - 50	4
50 - 75	5
75 - 100	5
100 - 125	6
125 - 150	6
150 - 175	7
175 - 200	7
200 - 225	8
225 - 250	8
250 - 275	9
275 - 300	9
300 - 325	10
325 - 350	10
350 - 375	11
375 - 400	11
400 - 425	12
425 - 450	12
450 - 475	13
475 - 500	13

03.001.QC.ind.20190702

## Digital micrometers

Rugged digital micrometers with simple functions and an excellent price-performance ratio.

- Measuring range: 0-200 mm.
- Resolution: 0.001 mm.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- DIN 863 T1.
- From measuring range 25 - 50 mm including setting gauge.
- Power supply: 1 battery type V357.



908.769



Item No.	Measuring range/mm	Accuracy mm	Price EUR
<b>Not switchable:</b>			
908.751	25- 50	$\pm 0.004$	
908.752	50- 75	$\pm 0.005$	
908.753	75- 100	$\pm 0.005$	
908.754	100- 125	$\pm 0.006$	
908.755	125- 150	$\pm 0.006$	
908.756	150- 175	$\pm 0.007$	
908.757	175- 200	$\pm 0.007$	
<b>Switchable mm/inch and ABS/INC:</b>			
908.758	0- 25	$\pm 0.004$	
908.759	25- 50	$\pm 0.004$	
908.760	50- 75	$\pm 0.005$	
908.761	75- 100	$\pm 0.005$	
908.762	100- 125	$\pm 0.006$	
908.763	125- 150	$\pm 0.006$	
908.764	150- 175	$\pm 0.007$	
908.765	175- 200	$\pm 0.007$	

### Sets

Item No.	Measuring range/mm	Pieces	Price EUR
<b>Not switchable:</b>			
908.766	0- 75	3	
908.767	0- 100	4	
<b>Switchable mm/inch and ABS/INC:</b>			
908.769	0- 75	3	
908.770	0- 100	4	
908.771	0- 150	6	

### Option

Item No.	Description	Price EUR
836.535	Spare battery	

003.305-QControl-20180702

### Digital micrometers

Rugged digital micrometers with simple functions and an excellent price-performance ratio.

- Measuring range: 0- 150 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces:  $\phi$ 6.5 mm.
- From measuring range 25 - 50 mm including setting gauge.
- Delivery in a case with ball attachment and an inspection report.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.982	0- 25	$\pm$ 0.003	
909.983	25- 50	$\pm$ 0.003	
909.984	50- 75	$\pm$ 0.004	
909.985	75- 100	$\pm$ 0.004	
909.986	100- 125	$\pm$ 0.005	
909.987	125- 150	$\pm$ 0.005	

**Option:**  
495.157 Spare battery

### Digital micrometers with double display

This patented micrometer distinguishes itself by its the two large displays on both sides of the instrument, which can also display upside-down. Therefore the measuring value can always be presented upright, which enables ergonomic read-out at all times. Add to this its measuring range of 30 mm, the tungsten carbide measuring faces and then check out its price.

- Measuring range: 0- 205 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Double LCD display.
- Second display can be switched on/off separately.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces:  $\phi$ 6.5 mm.
- DIN 863 T1.
- From measuring range 25 - 55 mm including setting gauge.
- Delivery in a case.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.682	0- 30	$\pm$ 0.004	
907.683	25- 55	$\pm$ 0.004	
907.684	50- 80	$\pm$ 0.005	
907.685	75- 105	$\pm$ 0.005	
907.686	100- 130	$\pm$ 0.006	
907.687	125- 155	$\pm$ 0.006	
907.688	150- 180	$\pm$ 0.007	
907.689	175- 205	$\pm$ 0.007	

**Option:**  
495.157 Spare battery

### Digital micrometers with tolerance indication

These absolute digital micrometers are provided with both a tolerance and a hold function. They also have a large display.

- Measuring range: 0- 100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Digit height: 9 mm.
- Automatic switch-off.
- Reset/preset.
- Hold function.
- Adjustable tolerance limits.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- DIN 863 T1.
- Power supply: 1 battery type V357.



907.570



Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.570	0- 25	$\pm$ 0.004	
907.571	25- 50	$\pm$ 0.004	
907.572	50- 75	$\pm$ 0.005	
907.573	75- 100	$\pm$ 0.005	

**Option:**

836.535 Spare battery

### Micrometers with counter

These solid micrometers have a counter with a resolution of 0.01 mm for an error free read-out of the measuring value, and a very favourable price-performance ratio.

- Measuring range: 0- 200 mm.
- Resolution: 0.01 mm.
- Numerical counter adjustable.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Delivery with adjustment tool.
- From measuring range 25 - 50 mm including setting gauge.



906.556

**Sets (delivered incl. setting gauges)**

Item No.	Measuring range/mm	Pieces	Price EUR
906.564	0- 75	3	
906.565	0- 100	4	
906.566	0- 150	6	

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.556	0- 25	$\pm$ 0.01	
906.557	25- 50	$\pm$ 0.01	
906.558	50- 75	$\pm$ 0.01	
906.559	75- 100	$\pm$ 0.01	
906.560	100- 125	$\pm$ 0.02	
906.561	125- 150	$\pm$ 0.02	
906.562	150- 175	$\pm$ 0.02	
906.563	175- 200	$\pm$ 0.02	



## Absolute digital micrometers with tolerance indication IP54

Digital calipers with function to set tolerance limits with clear optical Go (NoGo) reading.

- Measuring range: 0 - 100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With data output.
- Adjustable tolerance limits.
- **Tolerance display** by means of illuminated green LED at GO value.
- On/off switch.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- Protection: IP54.
- DIN 863 T1.
- Power supply: 1 battery type CR2032.



906.862

**USB interface:**

- For data transfer to PC (e.g. Excel, Word).
- Operating system: Windows and other.
- PC connection: USB.
- No software or driver to install.
- Foot switch (optional).

**NEW**



906.618



906.619/910.038



909.687



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.862	0 - 25	$\pm 0.003$	
906.863	25 - 50	$\pm 0.003$	
906.864	50 - 75	$\pm 0.004$	
906.865	75 - 100	$\pm 0.004$	

**Options:**

- 495.157 Spare battery
- 906.618 USB interface
- 909.687 Footswitch for USB interface
- 910.038 Wireless USB receiver
- 906.619 Wireless transmitter

C03.323.QControl.20190702

### Digital micrometers IP54

- Measuring range: 0- 150 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Protection: IP54.
- DIN 863 T1.
- From measuring range 25 - 50 mm including setting gauge.
- Power supply: 1 battery type V357.



910.041



**Sets**

Item No.	Measuring range/mm	Pieces	Price EUR
910.053	0- 75	3	
910.054	0- 100	4	
910.055	0- 150	6	

Item No.	Measuring range/mm	Accuracy mm	Price EUR
910.041	0- 25	$\pm 0.004$	
910.042	25- 50	$\pm 0.004$	
910.043	50- 75	$\pm 0.005$	
910.044	75- 100	$\pm 0.005$	
910.045	100- 125	$\pm 0.006$	
910.046	125- 150	$\pm 0.006$	
<b>Option:</b>			
836.535	Spare battery		

### Digital micrometers IP65

These IP65 protected micrometers are especially suitable for use in production environments.

- Measuring range: 0- 100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Protection: IP65.
- From measuring range 25 - 50 mm including setting gauge.
- Delivery in a case with ball attachment and an inspection report.
- Power supply: 1 battery type CR2032.



909.988



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.988	0- 25	$\pm 0.003$	
909.989	25- 50	$\pm 0.003$	
909.990	50- 75	$\pm 0.004$	
909.991	75- 100	$\pm 0.004$	
<b>Option:</b>			
495.157	Spare battery		



003.322-QControl-20190702

## Digital fast adjustable external measuring instruments IP65

These digital external measuring instruments have an IP65 classification and are therefore not only resistant to dust, but can also withstand water jets. The non-rotating spindle is lever operated and fast adjustable.

- Measuring range: 0- 100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset.
- Non-rotating spindle.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- Protection: IP65.
- From measuring range 25 - 50 mm including setting gauge.
- Delivery in a case with ball attachment and an inspection report.
- Power supply: 1 battery type CR2032.



**USB interface:**

- For data transfer to PC (e.g. Excel, Word).
- Operating system: Windows and other.
- PC connection: USB.
- No software or driver to install.
- Foot switch (optional).



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.994	0- 25	$\pm 0.003$	
909.995	25- 50	$\pm 0.003$	
909.996	50- 75	$\pm 0.004$	
909.997	75- 100	$\pm 0.004$	
<b>With Bluetooth:</b>			
910.075	0- 25	$\pm 0.003$	
<b>Options:</b>			
495.157	Spare battery		
909.686	USB interface		
909.687	Footswitch for USB interface		
910.038	Wireless USB receiver		
910.039	Wireless transmitter		

C03 319-QControl-20180702

### Digital micrometers IP65

These digital micrometers have an IP65 classification and are therefore not only resistant to dust but can also withstand water jets. Also available as fast adjustable micrometers with a pitch of 2 mm.

- Measuring range: 0-300 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- Protection: IP65.
- DIN 863 T1.
- From measuring range 25-50 mm including setting gauge.
- Power supply: 1 battery type V357.

#### Fast adjustable micrometers

- 1 revolution of the thimble = 2 mm.



909.549



909.545



#### Fast adjustable micrometers



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.549	0- 25	$\pm 0.002$	
909.550	25- 50	$\pm 0.002$	
909.551	50- 75	$\pm 0.003$	
909.552	75-100	$\pm 0.003$	
909.556	100-125	$\pm 0.003$	
909.557	125-150	$\pm 0.003$	
909.558	150-175	$\pm 0.004$	
909.559	175-200	$\pm 0.004$	
909.560	200-225	$\pm 0.004$	
909.561	225-250	$\pm 0.004$	
909.562	250-275	$\pm 0.005$	
909.563	275-300	$\pm 0.005$	

#### Option:

836.535 Spare battery

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.545	0- 25	$\pm 0.002$	
909.546	25- 50	$\pm 0.002$	
909.547	50- 75	$\pm 0.003$	
909.548	75-100	$\pm 0.003$	

#### Sets

Item No.	Measuring range/mm	Pieces	Price EUR
909.577	0- 75	3	
909.578	0-100	4	
909.579	0-150	6	

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## Micrometers

- Measuring range: 0 - 300 mm.
- Graduation: 0.01 mm.
- Friction thimble.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- DIN 863 T1.
- From measuring range 25 - 50 mm including setting gauge.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.000	0- 25	$\pm 0.004$	
906.001	25- 50	$\pm 0.004$	
906.002	50- 75	$\pm 0.005$	
906.003	75- 100	$\pm 0.005$	
906.004	100- 125	$\pm 0.006$	
906.005	125- 150	$\pm 0.006$	
906.006	150- 175	$\pm 0.007$	
906.007	175- 200	$\pm 0.007$	
906.008	200- 225	$\pm 0.008$	
906.009	225- 250	$\pm 0.008$	
906.010	250- 275	$\pm 0.009$	
906.011	275- 300	$\pm 0.009$	
<b>Model for left- and right-handed use:</b>			
907.167	0- 25	$\pm 0.004$	
907.168	25- 50	$\pm 0.004$	
907.169	50- 75	$\pm 0.005$	
907.170	75- 100	$\pm 0.005$	

### Sets

Item No.	Measuring range/mm	Price EUR
906.055	0- 75	
906.056	0- 100	
906.057	0- 150	
906.058	150- 300	
906.059	0- 300	



C03 210-QControl-20180702

### Micrometers 0.001 mm, parallax-free

Rugged micrometers with a vernier graduation of 0.001 mm and a favourable price-performance ratio.

- Measuring range: 0-200 mm.
- Vernier: 0.001 mm, parallax-free by enlarged thimble.
- Friction thimble.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- DIN 863 T1.
- Delivery incl. adjustment tool.
- From measuring range 25 - 50 mm including setting gauge.



906.280



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.280	0 - 25	$\pm 0.004$	
906.281	25 - 50	$\pm 0.004$	
906.282	50 - 75	$\pm 0.005$	
906.283	75 - 100	$\pm 0.005$	
906.284	100 - 125	$\pm 0.006$	
906.285	125 - 150	$\pm 0.006$	
906.286	150 - 175	$\pm 0.007$	
906.287	175 - 200	$\pm 0.007$	

### Fast adjustable micrometers

Fast adjustable micrometers because one revolution results in a displacement of 1 mm. The measuring value can be read directly from the 100 step graduation on the thimble.

- Measuring range: 0-200 mm.
- Graduation: 0.01 mm.
- 1 revolution of the thimble = 1 mm.
- Thimble with 100 step graduation.
- Tungsten carbide measuring faces:  $\varnothing 8$  mm.
- DIN 863 T1.
- From measuring range 25 - 50 mm including setting gauge.



907.000



Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.000	0 - 25	$\pm 0.004$	
907.001	25 - 50	$\pm 0.004$	
907.002	50 - 75	$\pm 0.005$	
907.003	75 - 100	$\pm 0.005$	
907.004	100 - 125	$\pm 0.006$	
907.005	125 - 150	$\pm 0.006$	
907.006	150 - 175	$\pm 0.007$	
907.007	175 - 200	$\pm 0.007$	

### Micrometers with a large measuring range

The varnished tubular frame is very stable and equipped with heat insulating grips. With two spacers for a large measuring span.

- Measuring range: 300 - 2000 mm.
- Measuring span:
  - 300 - 1000 mm: 100 mm (travel 25 mm, spacers 25 and 50 mm),
  - 1000 - 2000 mm: 200 mm (travel 50 mm, spacers 50 and 100 mm).
- Graduation: 0.01 mm.
- Rotating spindle.
- Tungsten carbide measuring faces:  $\varnothing 8$  mm.
- No-glare chrome finished thimble.
- DIN 863 T3.
- With two setting gauges.

Item No.	Measuring range/mm	Accuracy mm	Price EUR
<b>Measuring span 100 mm:</b>			
906.012	300 - 400	$\pm 0.011$	
906.013	400 - 500	$\pm 0.013$	
906.014	500 - 600	$\pm 0.015$	
906.015	600 - 700	$\pm 0.016$	
906.016	700 - 800	$\pm 0.018$	
906.017	800 - 900	$\pm 0.020$	
906.018	900 - 1000	$\pm 0.020$	
<b>Measuring span 200 mm:</b>			
906.019	1000 - 1200	$\pm 0.020$	
906.020	1200 - 1400	$\pm 0.024$	
906.021	1400 - 1600	$\pm 0.028$	
906.022	1600 - 1800	$\pm 0.031$	
906.023	1800 - 2000	$\pm 0.034$	



Delivery ex Groningen, Netherlands

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### Micrometers with a large measuring range

Micrometers with a large measuring range, with very accurate, interchangeable anvils.

- Measuring range: 0 - 300 mm.
- Graduation: 0.01 mm.
- Tungsten carbide measuring faces:  $\varnothing 6.35$  mm.
- Delivery incl. setting gauges and interchangeable anvils (increasing per 25 mm).



906.290

PRICE

Item No.	Measuring range/mm	Accuracy mm	Number of anvils	Number of setting gauges	Price EUR
906.290	0- 50	$\pm 0.004$	2	1	
906.294	0- 100	$\pm 0.005$	4	3	
906.292	0- 150	$\pm 0.006$	6	5	
906.291	50- 100	$\pm 0.005$	2	2	
906.295	100- 200	$\pm 0.007$	4	4	
906.293	150- 300	$\pm 0.009$	6	6	
906.296	200- 300	$\pm 0.009$	4	4	

### Micrometers with adjustable anvil with dial indicator

Micrometers with an adjustable anvil with dial indicator, for measurements in a wide measuring range.

- Measuring range: 0 - 1000 mm.
- Graduation: 0.01 mm.
- Tungsten carbide measuring faces:  $\varnothing 8$  mm.

**Specifications dial indicator:**

- Graduation: 0.01 mm.
- Range adjustable anvil: 5 mm.
- Max. measuring force anvil with dial indicator: 10 N.
- Adjustable tolerance markers.



907.015

PRICE

Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.015	0- 100	$\pm 0.006$	
907.016	100- 200	$\pm 0.007$	
907.017	200- 300	$\pm 0.008$	
907.018	300- 400	$\pm 0.009$	
907.019	400- 500	$\pm 0.010$	
907.020	500- 600	$\pm 0.011$	
907.021	600- 700	$\pm 0.012$	
907.022	700- 800	$\pm 0.013$	
907.023	800- 900	$\pm 0.014$	
907.024	900- 1000	$\pm 0.015$	





### Digital micrometers IP65 with a large measuring range

- Measuring range: 0- 1000 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Rotating spindle.
- Adjustable tolerance limits.
- Tungsten carbide measuring faces:  $\varnothing 6.35$  mm.
- 0- 300 mm: cast iron frame, 300- 1000 mm: tubular steel frame with insulating grips.
- Protection: IP65.
- Delivery in a case with setting gauges and interchangeable anvils.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm	Number of anvils	Number of setting gauges	Price EUR
909.580	0- 100	$\pm 0.005$	4	3	
909.581	100- 200	$\pm 0.007$	4	4	
909.582	200- 300	$\pm 0.008$	4	4	
909.583	300- 400	$\pm 0.009$	4	2	
909.584	400- 500	$\pm 0.010$	4	2	
909.585	500- 600	$\pm 0.010$	4	2	
909.586	600- 700	$\pm 0.011$	4	2	
909.587	700- 800	$\pm 0.012$	4	2	
909.588	800- 900	$\pm 0.013$	4	2	
909.589	900- 1000	$\pm 0.013$	4	2	

**Option:**  
836.535 Spare battery

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### Micrometers with dial indicator

Micrometers with adjustable anvil and clamping shaft for a dial indicator. Especially suitable for Go/NoGo judgement and batch measurements.

- Measuring range: 0 - 175 mm.
- Graduation thimble and dial indicator: 0.01 mm.
- Range adjustable anvil: 8 mm.
- Trigger for (fast) adjustment.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Can also be used in combination with various other dial indicators with clamping stem  $\varnothing$ 8 mm.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.008	0 - 25	$\pm$ 0.004	
907.009	25 - 50	$\pm$ 0.004	
907.010	50 - 75	$\pm$ 0.005	
907.011	75 - 100	$\pm$ 0.005	
907.012	100 - 125	$\pm$ 0.006	
907.013	125 - 150	$\pm$ 0.006	
907.014	150 - 175	$\pm$ 0.007	

### Mini-micrometer

- Measuring range: 0 - 15 mm.
- Graduation: 0.01 mm.
- Measuring faces:  $\varnothing$ 5 mm.
- Without friction thimble.
- Dimensions: total length: 70 mm, throat depth: 14 mm.



Item No.	Measuring range/mm	Price EUR
906.180	0 - 15	

### Micrometer with an extra large measuring range

The measuring range of this micrometer can be 'switched' from 25 - 50 to 0 - 25 mm by easy mounting of the prolonged anvil.

- Measuring range: 0 - 50 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm$ 0.004 mm.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Delivery incl. adjustment tool and prolonged anvil.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.567	0 - 50	$\pm$ 0.004	

003.211-QControl-20190702

### Tolerance micrometers with precision dial indicator

Because of the retractable anvil, the fine adjustment and the tolerance markers very suitable for batch inspection and tolerance measurements.

- Measuring range: 0 - 100 mm.
- Measuring range dial indicator:  $\pm 0.04$  mm.
- Graduation (dial indicator): 0.001 mm.
- Accuracy:
  - micrometer:  $\pm 0.003$  mm (only 906.568),
  - dial indicator:  $\pm 0.001$  mm.
- Measuring force: 5 - 10 N (only 906.569/570/571/614).
- Adjustable tolerance markers.
- Tungsten carbide measuring faces:
  - 906.568 - 599:  $\phi 6.5$  mm,
  - 906.569 - 614:  $\phi 10$  mm.



Item No.	Measuring range/mm	Graduation mm	Vernier thimble/mm	Price EUR
906.568	0 - 25	0.001	0.002	
906.597	25 - 50	0.001	-	
906.598	50 - 75	0.001	-	
906.599	75 - 100	0.001	-	
<b>With protection IP54:</b>				
906.569	0 - 25	0.001	-	
906.570	25 - 50	0.001	-	
906.571	50 - 75	0.001	-	
906.614	75 - 100	0.001	-	



### Tolerance micrometers with two spindles

Can be used as a Go/NoGo micrometer by setting of the lower and upper limits.

- Measuring range: 0 - 50 mm.
- Vernier: 0.002 mm.
- Accuracy:  $\pm 0.003$  mm.
- Tungsten carbide measuring faces:  $\phi 6.5$  mm.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.288	0 - 25	$\pm 0.003$	
906.289	25 - 50	$\pm 0.003$	

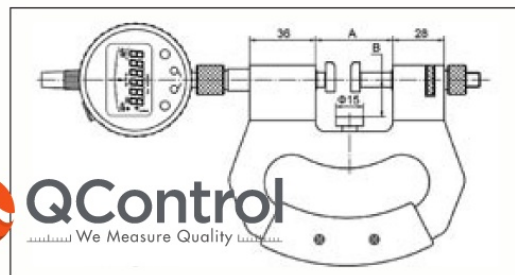
### Snap gauges with dial indicator

Snap gauges with adjustable anvil and clamping shaft for a dial indicator. Especially suitable for Go/NoGo judgement and batch measurements.

- Measuring range: 0- 300 mm.
- Measuring force: 6-9 N.
- Clamping shaft:  $\varnothing$ 8 mm (dial gauge not included).
- Travel of moving anvil: 3 mm.
- Anvil size: 14x 11 mm.
- Chamfered anvils for easy insertion.
- For suitable dial indicators refer to the dial indicators elsewhere in this catalog.



Item No.	Measuring range/mm	Length/mm		Price EUR
		A	B	
906.237	0- 25	42	20	
906.238	25- 50	69	32.5	
906.239	50- 75	94	45	
906.240	75- 100	119	57.5	
906.241	100- 125	144	70	
906.242	125- 150	169	82.5	
906.243	150- 175	194	95	
906.244	175- 200	219	107.5	
906.245	200- 225	244	120	
906.246	225- 250	269	132.5	
906.247	250- 275	294	145	
906.248	275- 300	319	157.5	



### Digital vertical micrometers

Digital vertical micrometers for easy reading, for example, when measuring the thickness of metal or plastic sheet. These micrometers have an IP65 classification and are therefore not only resistant to dust but can also withstand water jets.

- Measuring range: 0- 50 mm.
- Resolution: 0.001 mm.
- Accuracy:  $\pm$ 0.002 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Tungsten carbide measuring faces:  $\varnothing$ 6.5 mm.
- Protection: IP65.
- Power supply: 1 battery type V357.



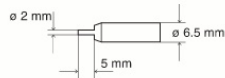
Item No.	Measuring range/mm	Price EUR
909.458	0- 25	
909.459	25- 50	
<b>Option:</b>		
836.535	Spare battery	



### Micrometers with small measuring faces

For measuring hard-to-reach measuring points such as grooves.

- Measuring range: 0 - 175 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Tungsten carbide measuring pins:  $\varnothing 2 \times 5$  mm.



**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- Reset/preset.
- Hold function.
- Preservation of the min/max value.
- Protection: IP65.
- Power supply: 1 battery type V357.



906.135



909.591

**Analog**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.135	0- 25	$\pm 0.004$	
906.136	25- 50	$\pm 0.004$	
906.137	50- 75	$\pm 0.005$	
906.119	75- 100	$\pm 0.005$	
909.320	100- 125	$\pm 0.006$	
909.321	125- 150	$\pm 0.006$	
909.322	150- 175	$\pm 0.007$	

**Digital**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.591	0- 25	$\pm 0.002$	
909.592	25- 50	$\pm 0.002$	
909.593	50- 75	$\pm 0.003$	
909.594	75- 100	$\pm 0.003$	
909.595	100- 125	$\pm 0.003$	
909.596	125- 150	$\pm 0.003$	
909.597	150- 175	$\pm 0.004$	

**Option:**

836.535 Spare battery



C03.324-QControl-20190702

### Micrometers with spherical anvil

Micrometers for measuring bent surfaces and wall thicknesses of tubes, bearings, rings, etc.

- Measuring range: 0 - 100 mm.
  - Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
  - Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.
- Digital**
- mm/inch conversion.
  - ABS/INC switchable.
  - On/off switch.
  - Automatic switch-off.
  - Reset/preset.
  - Protection: IP65.
  - Power supply: 1 battery type V357.



906.155



909.598

#### Analog

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.155	0 - 25	$\pm 0.004$	
907.044	25 - 50	$\pm 0.004$	
907.045	50 - 75	$\pm 0.005$	
907.046	75 - 100	$\pm 0.005$	

#### Digital

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.598	0 - 25	$\pm 0.002$	
909.599	25 - 50	$\pm 0.002$	
909.600	50 - 75	$\pm 0.003$	
909.601	75 - 100	$\pm 0.003$	

#### Option:

836.535 Spare battery

PRICE

003.272-QControl-20190702

### Universal micrometers with interchangeable anvils

With these micrometers you are an all-rounder. The instruments have two interchangeable anvils, which gives them a lot of application possibilities. They can also be used as a height gauge, when the clamp for clamping the anvils is removed.

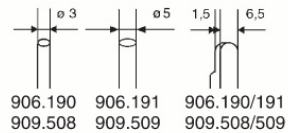
- Measuring range: 0-50 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Accuracy:  $\pm 0.004$  mm.
- Tungsten carbide measuring face:  $\varnothing 6.5$  mm.
- Delivery incl. 2 tungsten carbide anvils.

**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset/preset.
- Adjustable tolerance limits (only 909.508).
- Protection: IP65.
- Power supply: 1 battery type V357.



906.190



909.508

**Analog**

Item No.	Measuring range/mm	Price EUR
906.190	0 - 25	
906.191	25 - 50	

**Digital**

Item No.	Measuring range/mm	Price EUR
909.508	0 - 25	
909.509	25 - 50	

**Option:**  
836.535 Spare battery



C03.226-QControl-20190702

### Digital micrometers IP65 with pin-shaped anvil

Digital micrometers for measuring e.g. (tube) wall thickness.

- Measuring range: 0 - 50 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Pin-shaped anvil:  $\varnothing$  1.8 mm.
- Tungsten carbide measuring face:  $\varnothing$  6.5 mm.
- Protection: IP65.
- Power supply: 1 battery type V357.



909.684



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.684	0 - 25	$\pm 0.005$	
909.685	25 - 50	$\pm 0.005$	
<b>Option:</b>			
836.535	Spare battery		

### Digital micrometers with special measuring jaws

Digital micrometers with special measuring jaws for measurements in hard-to-reach places such as cut-outs in workpieces, gear pitches, etc.

- Measuring range: 0 - 200 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Non-rotating spindle.
- Power supply: 1 battery type V357.



909.676



Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.676	0 - 25	$\pm 0.006$	
909.677	25 - 50	$\pm 0.006$	
909.678	50 - 75	$\pm 0.007$	
909.679	75 - 100	$\pm 0.007$	
909.680	100 - 125	$\pm 0.009$	
909.681	125 - 150	$\pm 0.009$	
909.682	150 - 175	$\pm 0.010$	
909.683	175 - 200	$\pm 0.010$	
<b>Option:</b>			
836.535	Spare battery		



## Gear pitch micrometers

Micrometers with large, disk-shaped measuring faces for measuring e.g. gear pitches and paper and foil thickness.

- Measuring range: 0-200 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Non-rotating spindle:  $\varnothing$  8 mm.
- Measuring faces: stainless steel (HRC 52-54).

### Digital

- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Power supply: 1 battery type V357.



906.580



909.777



Item No.	Measuring range/mm	Accuracy mm	Measuring faces $\varnothing$ /mm	Price EUR
<b>Analog:</b>				
906.580	0- 25	$\pm 0.006$	20	
906.581	25- 50	$\pm 0.006$	20	
906.582	50- 75	$\pm 0.007$	20	
906.583	75-100	$\pm 0.007$	20	
906.584	100-125	$\pm 0.009$	30	
906.585	125-150	$\pm 0.009$	30	
906.586	150-175	$\pm 0.010$	30	
906.587	175-200	$\pm 0.010$	30	
<b>Digital:</b>				
909.777	0- 25	$\pm 0.006$	20	
909.778	25- 50	$\pm 0.006$	20	
909.779	50- 75	$\pm 0.007$	20	
909.780	75-100	$\pm 0.007$	20	
909.781	100-125	$\pm 0.009$	30	
909.782	125-150	$\pm 0.009$	30	
909.783	150-175	$\pm 0.010$	30	
909.784	175-200	$\pm 0.010$	30	
<b>Option:</b>				
836.535	Spare battery			

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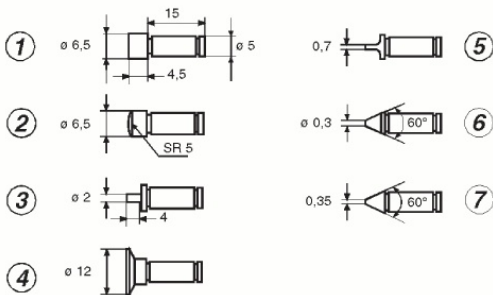
## Universal micrometers

Thanks to the seven interchangeable measuring inserts, which are available as an option, you are very flexible with these micrometers.

- Measuring range: 0-200 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Non-rotating spindle.
- Insert shaft:  $\varnothing 5$  mm.

### Digital

- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Preset (except 909.785).
- Power supply: 1 battery type V357.



No.	Item No.	Description measuring faces	Price EUR
<b>Measuring inserts, per pair:</b>			
①	906.788	flat	
②	906.789	spherical	
③	906.790	small	
④	906.791	disc	
⑤	906.792	knife/flat	
⑥	906.793	point	
⑦	906.794	knife	
	906.795	Set of 7 pairs	

Item No.	Measuring range/mm	Accuracy mm	Price EUR
<b>Analog, without measuring inserts:</b>			
906.780	0- 25	$\pm 0.004$	
906.781	25- 50	$\pm 0.004$	
906.782	50- 75	$\pm 0.005$	
906.783	75- 100	$\pm 0.005$	
906.784	100- 125	$\pm 0.008$	
906.785	125- 150	$\pm 0.008$	
906.786	150- 175	$\pm 0.009$	
906.787	175- 200	$\pm 0.009$	
<b>Digital, without measuring inserts:</b>			
909.785	0- 25	$\pm 0.004$	
909.786	25- 50	$\pm 0.004$	
909.787	50- 75	$\pm 0.005$	
909.788	75- 100	$\pm 0.005$	
909.789	100- 125	$\pm 0.008$	
909.790	125- 150	$\pm 0.008$	
909.791	150- 175	$\pm 0.009$	
909.792	175- 200	$\pm 0.009$	
<b>Option:</b>			
836.535	Spare battery		

C03.225-QControl-20180702

## Deep throat micrometers

Micrometers with a deep throat especially for measuring the thickness of e.g. sheet metal, paper and plastic sheets.

- Measuring range: 0-50 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.

### Digital

- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



907.068



909.694



Item No.	Measuring range/mm	Accuracy mm	Throat depth/mm	Price EUR
<b>Analog:</b>				
907.068	0-25	$\pm 0.004$	50	
907.069	25-50	$\pm 0.004$	50	
907.070	0-25	$\pm 0.005$	100	
907.071	25-50	$\pm 0.005$	100	
907.072	0-25	$\pm 0.006$	150	
907.073	25-50	$\pm 0.006$	150	
<b>Digital:</b>				
909.694	0-25	$\pm 0.004$	50	
909.695	25-50	$\pm 0.004$	50	
909.696	0-25	$\pm 0.005$	100	
909.697	25-50	$\pm 0.005$	100	
909.698	0-25	$\pm 0.006$	150	
909.699	25-50	$\pm 0.006$	150	
<b>Option:</b>				
836.535	Spare battery			



### Brake disc micrometers

Micrometers especially for measuring the groove depth of brake discs.

- Measuring range: 7.6-50 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Anvil with 60° point.
- Tungsten carbide measuring face:  $\varnothing$ 6.5 mm.
- Throat depth: 88 mm.

**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



907.056



909.793

**Analog**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.056	7.6-33	$\pm 0.004$	
907.057	25 -50	$\pm 0.004$	

**Digital**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.793	7.6-33	$\pm 0.004$	
909.794	25 -50	$\pm 0.004$	

**Option:**

836.535 Spare battery



### Digital micrometers IP65 with large anvils

- Measuring range: 0-50 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- On/reset switch.
- Tungsten carbide measuring face:  $\varnothing$ 6.5 mm.

- Anvil size:  
909.488: 50 x 14 mm,  
909.489: 60 x 14 mm.
- Protection: IP65.
- Power supply: 1 battery type V357.



909.488

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.488	0-25	$\pm 0.004$	
909.489	25-50	$\pm 0.004$	

**Option:**

836.535 Spare battery



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### Sheet metal micrometers

Micrometers especially for measuring the thickness of metal sheets, e.g. sheet metal. The large dial makes the reading very easy and quick.

- Measuring range: 0-25 mm.
- Graduation: 0.01 mm.
- Tungsten carbide measuring faces:  $\varnothing 6.5$  mm.



Item No.	Measuring range/mm	Accuracy mm	Measuring faces	Price EUR
907.058	0- 15	$\pm 0.004$	flat/flat	
907.059	0- 25	$\pm 0.004$	flat/flat	
907.099	0- 15	$\pm 0.004$	spherical/flat	
907.100	0- 25	$\pm 0.004$	spherical/flat	

### Micrometers with extra large measuring faces

Micrometers with extra large disk-shaped measuring faces for measurements of e.g. paper thickness and soft materials.

- Measuring range: 0- 100 mm.
- Graduation: 0.01 mm.
- Non-rotating spindle.
- Tungsten carbide measuring faces:  $\varnothing 60$  mm.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.588	0- 25	$\pm 0.008$	
906.589	25- 50	$\pm 0.008$	
906.590	50- 75	$\pm 0.010$	
906.591	75- 100	$\pm 0.010$	

003 2966 QControl 20190702

### Gear micrometers

Micrometers with ball-tipped measuring faces for measurements of straight and tapered external gears. Several measuring inserts optionally available.

- Measuring range: 0 - 175 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Dimensions of anvil-tail:  $\varnothing 5 \times 15$  mm.
- Tungsten carbide, ball-tipped measuring faces.

**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



907.081



909.859



Item No.	Ball $\varnothing$ /mm	Module	Price EUR
<b>Measuring inserts, per pair:</b>			
907.088	1.0	0.6-0.65	
907.089	1.5	0.9-1.0	
907.090	2.0	1.25	
907.091	2.5	1.5	
907.092	3.0	1.75	
907.093	3.5	2	
907.094	4.0	2.25	
907.095	4.5	2.5	
907.096	5.0	2.75	
907.097	6.0	3.5	
907.098	Set 907.088 - 907.097		

Item No.	Measuring range/mm	Accuracy mm	Price EUR
<b>Analog, without measuring inserts:</b>			
907.081	0 - 25	$\pm 0.004$	
907.082	25 - 50	$\pm 0.004$	
907.083	50 - 75	$\pm 0.005$	
907.084	75 - 100	$\pm 0.005$	
907.085	100 - 125	$\pm 0.006$	
907.086	125 - 150	$\pm 0.006$	
907.087	150 - 175	$\pm 0.007$	
<b>Digital, without measuring inserts:</b>			
909.859	0 - 25	$\pm 0.004$	
909.860	25 - 50	$\pm 0.004$	
909.861	50 - 75	$\pm 0.005$	
909.862	75 - 100	$\pm 0.005$	
909.863	100 - 125	$\pm 0.006$	
909.864	125 - 150	$\pm 0.006$	
909.865	150 - 175	$\pm 0.007$	
<b>Option:</b>			
836.535	Spare battery		

003.271-QControl-20190702

### Micrometers with prism-shaped anvil

Analog and digital micrometers with prism-shaped anvil for measuring the diameters of objects with an odd number of flutes such as taps, reamers and mills. The angle of the prism aperture is designed for 3-, 5- or 7-fluted workpieces.

- Measuring range: 1 - 105 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Spindle:  $\phi$ 6.5 mm.
- Tungsten carbide measuring faces. The 906.160 and 909.866 have a pointed spindle for the smallest objects.
- V-groove for:
  - 3-fluted objects:  $60^\circ$ ,
  - 5-fluted objects:  $108^\circ$ ,
  - 7-fluted objects:  $128^\circ$ .
- Delivery with a setting standard.

**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



906.161



909.866



Item No.	Measuring range/mm	Accuracy mm	Price EUR	Item No.	Price EUR
<b>For 3-fluted objects (60°), analog:</b>				<b>Digital:</b>	
906.160	1 - 15	$\pm 0.004$		909.866	
906.161	5 - 20	$\pm 0.004$		909.867	
906.162	20 - 35	$\pm 0.005$		909.868	
906.163	35 - 50	$\pm 0.005$		909.869	
906.164	50 - 65	$\pm 0.006$		909.870	
906.165	65 - 80	$\pm 0.006$		909.871	
907.060	80 - 95	$\pm 0.007$		909.872	
<b>For 5-fluted objects (108°), analog:</b>				<b>Digital:</b>	
906.166	5 - 25	$\pm 0.004$		909.873	
906.167	25 - 45	$\pm 0.005$		909.874	
906.168	45 - 65	$\pm 0.006$		909.875	
906.169	65 - 85	$\pm 0.007$		909.876	
907.061	85 - 105	$\pm 0.008$		909.877	
<b>For 7-fluted objects (128°), analog:</b>				<b>Digital:</b>	
906.170	5 - 25	$\pm 0.004$		909.878	
906.171	25 - 45	$\pm 0.005$		909.879	
906.172	45 - 65	$\pm 0.006$		909.880	
906.173	65 - 85	$\pm 0.007$		909.881	
<b>Option:</b>					
836.535 Spare battery					



**Setting standards**

Item No.	$\phi$ mm	Price EUR
909.323	5	
909.324	20	
909.325	25	
909.326	35	
909.327	45	
909.328	50	
909.329	65	
909.330	80	
909.331	85	



909.326

003.233-QControl-20190702

### Micrometers with pointed measuring faces

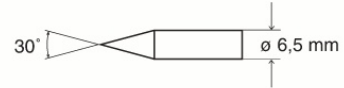
- Measuring range: 0 - 100 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.

#### Digital

- mm/inch conversion.
- ABS/INC switchable.
- Preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



906.145



909.643



#### Analog

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.145	0 - 25	±0.004	
906.146	25 - 50	±0.004	
906.147	50 - 75	±0.005	
906.199	75 - 100	±0.005	

#### Digital

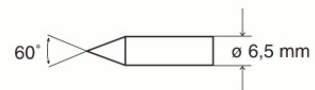
Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.643	0 - 25	±0.004	
909.644	25 - 50	±0.004	
909.645	50 - 75	±0.005	
909.646	75 - 100	±0.005	

#### Option:

836.535 Spare battery

### Micrometers with one pointed measuring face

- Measuring range: 0 - 50 mm.
- Graduation: 0.01 mm.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.151	0 - 25	±0.004	
906.153	25 - 50	±0.004	



### Micrometers with lamellar measuring faces

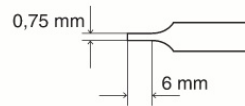
For measuring grooves, keyseats and other hard-to-reach places.

- Measuring range: 0 - 175 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Non-rotating spindle.
- Blade width: 0.75 mm, blade length: 6 mm.

- Digital**
- mm/inch conversion.
  - ABS/INC switchable.
  - Reset/preset.
  - Hold function.
  - Power supply: 1 battery type V357.



906.141



909.882

**Analog**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.141	0 - 25	±0.004	
906.142	25 - 50	±0.004	
906.143	50 - 75	±0.005	
906.144	75 - 100	±0.005	
906.222	100 - 125	±0.006	
906.223	125 - 150	±0.006	
906.224	150 - 175	±0.007	

**Digital**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.882	0 - 25	±0.004	
909.883	25 - 50	±0.004	
909.884	50 - 75	±0.005	
909.885	75 - 100	±0.005	
909.886	100 - 125	±0.006	
909.887	125 - 150	±0.006	
909.888	150 - 175	±0.007	

**Option:**  
836.535 Spare battery



C03 235-QControl-20190702

**Screw thread micrometers**

- Measuring range: 0 - 200 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Insert shaft:  $\varnothing 5$  mm.
- DIN 863 T3.
- Delivery incl. adjustment tools.
- From measuring range 25 - 50 mm including setting gauge 60°.
- No-glare chrome finished thimble.

**Digital**

- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset/preset.
- Protection: IP65.
- Power supply: 1 battery type V357.



**Analog, without measuring inserts**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
906.750	0- 25	$\pm 0.004$	
906.751	25- 50	$\pm 0.004$	
906.752	50- 75	$\pm 0.005$	
906.753	75- 100	$\pm 0.005$	
906.754	100- 125	$\pm 0.006$	
906.755	125- 150	$\pm 0.006$	
906.756	150- 175	$\pm 0.007$	
906.757	175- 200	$\pm 0.007$	

**Digital, without measuring inserts**

Item No.	Measuring range/mm	Accuracy mm	Price EUR
909.889	0- 25	$\pm 0.004$	
909.890	25- 50	$\pm 0.004$	
909.891	50- 75	$\pm 0.005$	
909.892	75- 100	$\pm 0.005$	
909.893	100- 125	$\pm 0.006$	
909.894	125- 150	$\pm 0.006$	
909.895	150- 175	$\pm 0.007$	
909.896	175- 200	$\pm 0.007$	

**Option:**

836.535 Spare battery



003 240-QControl-20190702

**Screw thread micrometers (continued)**



Item No.	Threads per inch	Price EUR
<b>Measuring inserts for Whitworth threads, 55° flank angle, per pair:</b>		
906.730	60 -48	
906.731	48 -40	
906.732	40 -32	
906.733	32 -24	
906.734	24 -18	
906.735	18 -14	
906.736	14 -10	
906.737	10 - 7.0	
906.738	7.0- 4.5	
906.739	4.5- 3.5	
906.740	Set 60 -3.5	

Item No.	Pitch/mm	Price EUR
<b>Measuring inserts for metric threads, 60° flank angle, per pair:</b>		
906.720	0.4-0.5	
906.721	0.6-0.9	
906.722	1.0-1.75	
906.723	2.0-3.0	
906.724	3.5-5.0	
906.725	5.5-7.0	
906.726	Set 0.4 -7.0	

Item No.	Threads per inch	Price EUR
<b>Measuring inserts for UN, UNC and UNF threads, 60° flank angle, per pair:</b>		
906.741	64 -48	
906.742	44 -28	
906.743	24 -14	
906.744	13 - 9	
906.745	8 - 5	
906.746	4.5- 3.5	
906.747	Set 64 -3.5	



909.305



Item No.	Length/mm	Price EUR
<b>Hardened steel setting standards for threads with 60° flank angle:</b>		
909.304	25	
909.305	50	
909.306	75	
909.307	100	
909.308	125	
909.309	150	
909.310	175	
909.311	200	

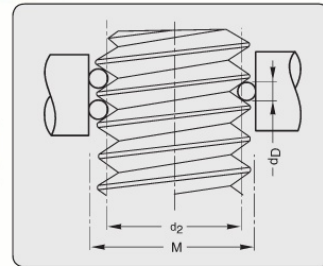
Item No.	Length/mm	Price EUR
<b>Hardened steel setting standards for threads with 55° flank angle:</b>		
909.312	25	
909.313	50	
909.314	75	
909.315	100	
909.316	125	
909.317	150	
909.318	175	
909.319	200	

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### Thread measuring wires

For measuring external threads using the three-wire method. The flank diameter can be determined according to the measured diameter, using tables.

- For micrometers with measuring faces  $\phi 6.35$ ,  $\phi 6.5$  or  $\phi 8$  mm. (Also available for measuring faces  $\phi 6.8$  and  $\phi 7.5$  mm.)
- Very high measuring accuracy:  $\pm 0.001$  mm.
- In pairs or in a set.
- The wire holders are held in position on the anvil and spindle by a spring clamp.
- The wires are mounted on the holder in such a way that they position themselves on the thread.



#### Thread measuring wires for micrometers with measuring faces $\phi 6.35$ , $\phi 6.5$ or $\phi 8$ mm

$\phi 6.35$ mm		$\phi 6.5$ mm		$\phi 8$ mm		Wire diameter $d_w$ /mm	Metric, pitch in mm	Whitworth, threads per inch	UN/UNC/UNF, threads per inch
Item No.	Price EUR	Item No.	Price EUR	Item No.	Price EUR				
833.442		779.161		836.689		0.17	0.25; 0.3	-	-
833.443		781.651		836.690		0.195	-	-	80
833.444		779.162		836.691		0.22	0.35	-	72
833.445		779.163		835.844		0.25	0.4	-	64
833.446		779.164		834.499		0.29	0.45; 0.5	-	56
833.447		779.165		834.498		0.335	0.6	40	48; 44
833.448		781.652		837.848		0.390	-	-	40
833.449		779.166		833.872		0.455	0.7-0.8	-	36
833.450		779.167		834.585		0.53	-	32; 28	32; 28
833.451		779.168		834.480		0.62	1	26; 24	24
833.452		779.169		834.586		0.725	1.25	22; 20; 19	20
833.453		779.170		834.290		0.895	1.5	18; 16	18; 16
833.454		779.171		834.502		1.10	1.75	14	14; 13
833.455		779.172		834.291		1.35	2	12; 11	12; 11
833.456		779.173		833.871		1.65	2.5	10; 9	10; 9
833.457		779.174		834.292		2.05	3.0; 3.5	8; 7	8; 7
833.458		779.175		834.416		2.55	4.0; 4.5	6	6
833.459		779.176		834.483		3.20	5.0; 5.5	5; 4.5	5; 4.5
837.501		837.642		834.509		4.00	6.0	4; 3.5	4
834.580		779.160		834.581		Set with wire diameters 0.17 to 3.20 mm			

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### Hub micrometers

Micrometers with a shallow bracket for measuring the thickness bearing bushes, bore shoulders and other hard-to-reach places.

- Measuring range: 0- 100 mm.
- Graduation: 0.01 mm.
- Tungsten carbide measuring faces:  $\phi$ 6.5 mm.
- Varnished frame.
- Throat depth: 10.2 mm.
- Throat height: 21.2 mm (907.133: 18.7 mm).



907.133

Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.133	0- 25	$\pm$ 0.004	
907.134	25- 50	$\pm$ 0.004	
907.135	50- 75	$\pm$ 0.004	
907.136	75- 100	$\pm$ 0.005	



### Can seam micrometer

Micrometer especially for measuring the depth and thickness of e.g. the seams of steel cans.

- Measuring range: 0- 13 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm$ 0.004 mm.
- Tungsten carbide measuring faces:  $\phi$ 5 mm.



Item No.	Measuring range/mm	Price EUR
907.175	0- 13	



### Wire and ball micrometer

- Measuring range: 0- 10 mm.
- Graduation: 0.01 mm.
- Accuracy:  $\pm$ 0.004 mm.
- Tungsten carbide measuring faces:  $\phi$ 6.5 mm.



Item No.	Measuring range/mm	Price EUR
906.175	0- 10	



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### Setting gauges

Cylindrical gauges for micrometers with flat parallel measuring faces.

- Measuring faces  $L < 100$  mm:  $\phi 7$  mm, flat,  
 $L < 300$  mm:  $\phi 8$  mm, flat,  
 $L \geq 300$  mm:  $\phi 8$  mm, spherical.
- With plastic insulating grip.
- Larger sizes available on request.



907.464

PRICE

Item No.	Length mm	Accuracy $\mu\text{m}$	Price EUR
907.464	25	$\pm 2$	
907.465	50	$\pm 2$	
907.466	75	$\pm 2.5$	
907.467	100	$\pm 2.5$	
907.468	125	$\pm 3$	
907.469	150	$\pm 3$	
907.470	175	$\pm 3.5$	
907.471	200	$\pm 4$	
907.472	225	$\pm 4$	
907.473	250	$\pm 4$	
907.474	275	$\pm 4.5$	
907.475	300	$\pm 4.5$	
907.476	325	$\pm 5$	
907.477	350	$\pm 5$	
907.478	375	$\pm 5.5$	
907.479	400	$\pm 5.5$	
907.480	425	$\pm 6$	
907.481	450	$\pm 6$	
907.482	475	$\pm 6.5$	
907.483	500	$\pm 6.5$	
907.484	525	$\pm 7$	
907.485	575	$\pm 7.5$	
907.486	625	$\pm 7.5$	
907.487	675	$\pm 8$	
907.488	725	$\pm 8.5$	
907.489	775	$\pm 9.5$	
907.490	825	$\pm 10$	
907.491	875	$\pm 10.5$	
907.492	925	$\pm 11$	
907.493	975	$\pm 11.5$	
907.494	1050	$\pm 12$	
907.495	1150	$\pm 13$	
907.496	1250	$\pm 14$	
907.497	1350	$\pm 15$	
907.498	1450	$\pm 16$	
909.529	1550	$\pm 17$	
909.530	1650	$\pm 18$	
909.531	1750	$\pm 19$	
909.532	1850	$\pm 20$	
909.533	1950	$\pm 21$	

### Setting standards

Cylindrical setting standards for micrometers with prism-shaped anvil.



909.326

PRICE

**QControl**  
We Measure Quality

Item No.	Diameter/mm	Price EUR
909.323	5	
909.324	20	
909.325	25	
909.326	35	
909.327	45	
909.328	50	
909.329	65	
909.330	80	
909.331	85	

### Setting standards

Hardened steel setting standards for threads with  $55^\circ$  or  $60^\circ$  flank angle.



909.305

PRICE

Item No.	Length/mm	Price EUR
<b>For threads with <math>60^\circ</math> flank angle:</b>		
909.304	25	
909.305	50	
909.306	75	
909.307	100	
909.308	125	
909.309	150	
909.310	175	
909.311	200	
<b>For threads with <math>55^\circ</math> flank angle:</b>		
909.312	25	
909.313	50	
909.314	75	
909.315	100	
909.316	125	
909.317	150	
909.318	175	
909.319	200	

### Micrometer stand

Rigid table stand for micrometers.

- Inclination adjustable.
- Weight: 1.1 kg.



Item No.	Clamping range/mm	Price EUR
906.212	0 - 18	

### Micrometer stand

Cast steel stand for micrometers.

- Fixed inclination: 45°.
- Weight: 0.7 kg.



Item No.	Clamping range/mm	Price EUR
908.983	4 - 12	

### Foldable micrometer stand

Portable stand with a folded structure for micrometers.



Item No.	Clamping range/mm	Price EUR
907.152	7 - 14	



### Ball attachments

These ball attachments can be clamped on any anvil and spindle with a diameter of 6.5 or 8 mm.

- Ball:  $\phi 5$  mm.



Item No.	Description	Price EUR
907.150	Ball attachment, $\phi 6.5$ mm	
907.166	Ball attachment, $\phi 8$ mm	

### Measuring force indicators

Within the range of 5 to 12 N these measuring force indicators can show the measuring force of micrometers.



Item No.	For micrometers	Price EUR
907.151	0 - 25 mm	
908.947	25 - 50 mm	
908.948	50 - 75 mm	
908.949	75 - 100 mm	

### Probe set for micrometers

These attachments can be clamped on any anvil and spindle with a diameter of 6.5 mm. The set consists of a point-shaped, knife-edged, blade-shaped, disk-shaped, ball-shaped probe and one with a small and one with a very small measuring face.

- Delivery in a case.



Item No.	Description	Price EUR
909.118	Probe set for micrometers	

### Micrometer inspection sets

For the inspection of micrometers according DIN 863. Suitable for micrometers with a measuring range up to 25 mm.

- Nominal sizes (mm): 2.5 - 5.1 - 7.7 - 10.3 - 12.9 - 15.0 - 17.6 - 20.2 - 22.8 - 25.0.
- Including plan parallel optical flat  $\varnothing 30 \times 12$  mm.



909.340

Item No.	Material	Grade	Price EUR
909.346	steel	1	
909.345	steel	0	
909.162	ceramic	1	
909.340	ceramic	0	

### Thread and tolerance tables

#### Thread table

Table with all standard international thread indications: metric, Ww, Gas, BSF, Pg, BA, UNC, UNF and UNEF.

#### Tolerance table

Table comprising all tolerances and fits according ISO R286, up to 500 mm (table with over 6400 pairs of tolerance values for internal and external measurements).

#### Conversion table mm/inch

For converting from mm to inch and from inch to mm.



Item No.	Description	Price EUR
835.162	Thread table	
835.163	Tolerance table	
835.164	Conversion table mm/inch	



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