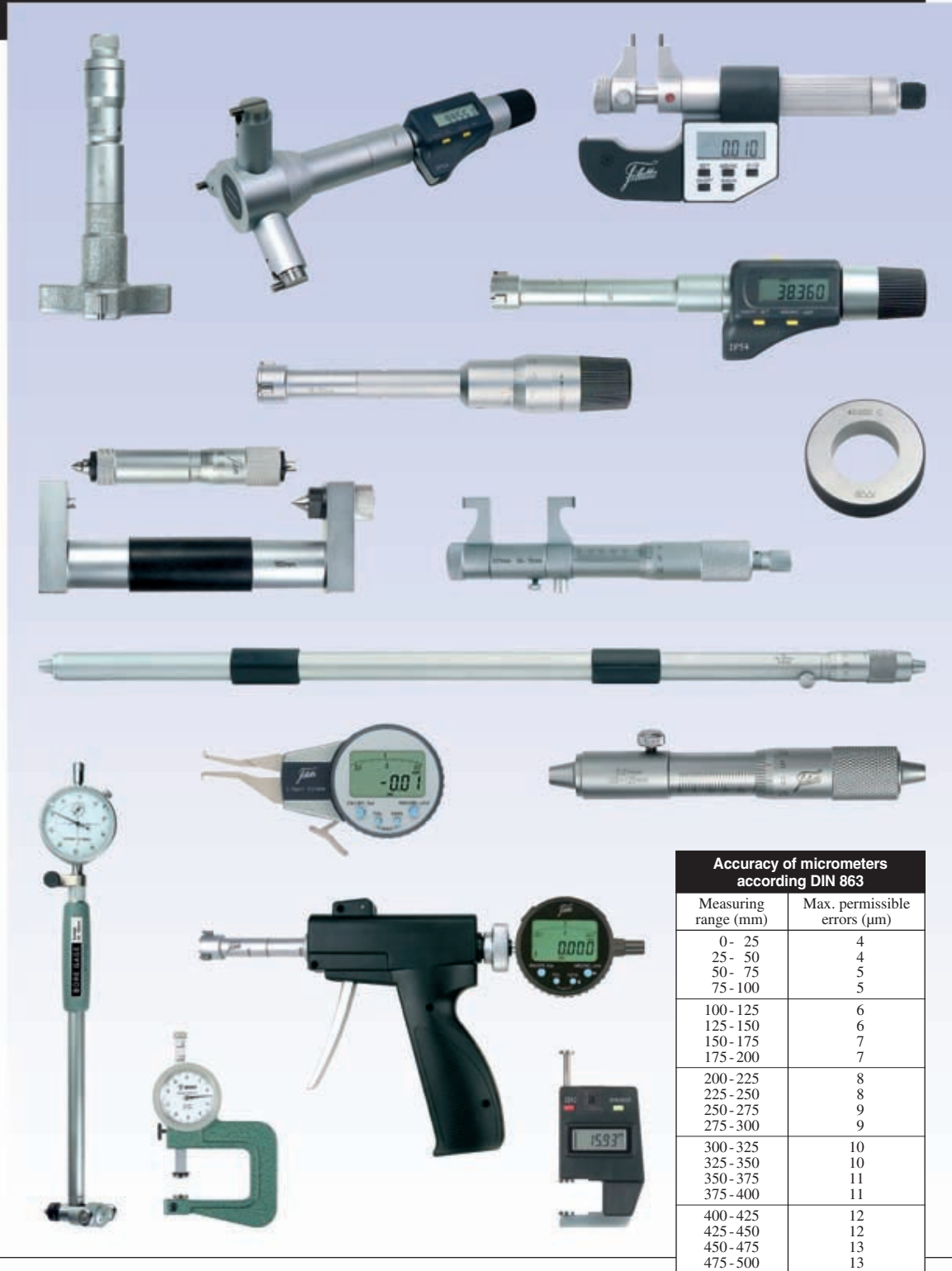


Internal micrometers / Internal & external measuring instruments



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

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Three-point internal micrometers

Three-point internal micrometers for quick and accurate measurement of internal dimensions, within a large measuring range.

- Measuring range: \varnothing 3.5 - 300 mm.
- Graduation: 0.001 mm (\varnothing 3.5 - 12 mm),
0.005 mm (\varnothing 12 - 300 mm).
- Tungsten carbide measuring faces.
- Delivery in a case.
- Sets are delivered incl. setting rings and extension (836.730 without extension).



Item No.	Measuring range/mm	Accuracy mm	Price
836.700	\varnothing 3.5 - 4	± 0.005	
836.701	\varnothing 4.0 - 4.5	± 0.005	
836.702	\varnothing 4.5 - 5.5	± 0.005	
836.703	\varnothing 5.5 - 6.5	± 0.005	
836.704	\varnothing 6 - 8	± 0.005	
836.705	\varnothing 8 - 10	± 0.005	
836.706	\varnothing 10 - 12	± 0.005	
836.707	\varnothing 12 - 16	± 0.005	
836.708	\varnothing 16 - 20	± 0.005	
836.709	\varnothing 20 - 25	± 0.005	
836.710	\varnothing 25 - 30	± 0.005	
836.711	\varnothing 30 - 35	± 0.005	
836.712	\varnothing 35 - 40	± 0.005	
836.713	\varnothing 40 - 50	± 0.006	
836.714	\varnothing 50 - 60	± 0.006	
836.715	\varnothing 60 - 70	± 0.006	
836.716	\varnothing 70 - 80	± 0.006	
836.717	\varnothing 80 - 90	± 0.006	
836.718	\varnothing 90 - 100	± 0.006	
836.719	\varnothing 100 - 125	± 0.008	
836.720	\varnothing 125 - 150	± 0.008	
836.721	\varnothing 150 - 175	± 0.008	
836.722	\varnothing 175 - 200	± 0.008	
836.723	\varnothing 200 - 225	± 0.012	
836.724	\varnothing 225 - 250	± 0.012	
836.725	\varnothing 250 - 275	± 0.012	
836.726	\varnothing 275 - 300	± 0.012	
Sets:			
836.730*	\varnothing 3.5 - 6.5	± 0.005	
836.735	\varnothing 6 - 12	± 0.005	
836.740	\varnothing 12 - 20	± 0.005	
836.745	\varnothing 20 - 40	± 0.005	
836.750	\varnothing 40 - 100	± 0.006	

* Without extension.



Schut

836.718

Extensions

Item No.	Extension mm	For measuring range/mm	Price
836.780	100	\varnothing 6 - 12	
836.782	150	\varnothing 12 - 20	
836.784	150	\varnothing 20 - 40	
836.786	150	\varnothing 40 - 100	



836.745

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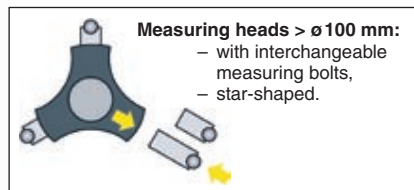
74

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Three-point internal micrometers

Three-point internal micrometers for accurately measuring (blind) bores.

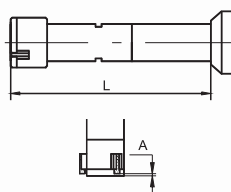
- Measuring range: \varnothing 6- 300 mm.
- Graduation: 0.001 mm (\varnothing 6- 12 mm), 0.005 mm (\varnothing 12- 300 mm).
- Self-centering.
- Tungsten carbide measuring faces.
- Interchangeable measuring bolts from measuring range \varnothing 100- 125 mm.
- Delivery in a case, incl. extension 150 mm (measuring range \varnothing 6- 12 mm: 100 mm).
- Separate instruments within measuring range \varnothing 6- 100 mm and the sets are delivered incl. setting ring(s).



908.654



Item No.	Measuring range/mm	Setting ring \varnothing /mm	Accuracy mm	Length L/mm	Length A/mm	Price
908.650	\varnothing 6- 8	6	± 0.004	55	0.7	
908.651	\varnothing 8- 10	8	± 0.004	55	0.7	
908.652	\varnothing 10- 12	10	± 0.004	55	0.7	
908.653	\varnothing 12- 16	16	± 0.004	80	0.7	
908.654	\varnothing 16- 20	16	± 0.004	80	0.7	
908.655	\varnothing 20- 25	25	± 0.004	90	0.7	
908.656	\varnothing 25- 30	25	± 0.004	90	0.7	
908.657	\varnothing 30- 40	40	± 0.004	97	0.7	
908.658	\varnothing 40- 50	40	± 0.005	97	0.7	
908.659	\varnothing 50- 63	62	± 0.005	114	0.7	
908.660	\varnothing 62- 75	62	± 0.005	114	0.7	
908.661	\varnothing 75- 88	87	± 0.005	114	0.7	
908.662	\varnothing 87-100	87	± 0.005	114	0.7	
908.663	\varnothing 100-125	-	± 0.005	150	0.7	
908.664	\varnothing 125-150	-	± 0.005	150	0.7	
908.665	\varnothing 150-175	-	± 0.005	150	0.7	
908.666	\varnothing 175-200	-	± 0.005	150	0.7	
908.667	\varnothing 200-225	-	± 0.007	150	0.7	
908.668	\varnothing 225-250	-	± 0.007	150	0.7	
908.669	\varnothing 250-275	-	± 0.007	150	0.7	
908.670	\varnothing 275-300	-	± 0.007	150	0.7	



Item No.	Measuring range/mm	Setting rings \varnothing /mm	Extension mm	Number of instruments	Price
908.671	\varnothing 6- 12	6, 8, 10	100	3	
908.672	\varnothing 12- 20	16	150	2	
908.673	\varnothing 20- 50	25, 40	150	4	
908.674	\varnothing 50- 100	62, 87	150	4	

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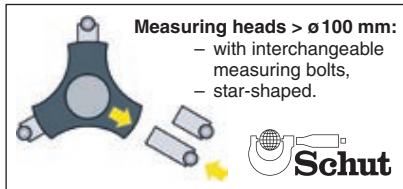
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Digital three-point internal micrometers

Digital three-point internal micrometers with a resolution of 0.001 mm for accurately measuring (blind) bores. These micrometers have several functions, and combined with the accurate read-out this results in a favourable price-performance ratio.



- Measuring range: \varnothing 6 - 300 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Self-centering.
- Tungsten carbide measuring faces.

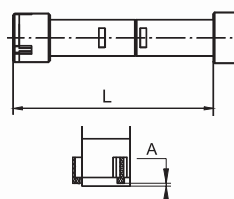


- Interchangeable measuring bolts from measuring range \varnothing 100 - 125 mm.
- Protection: IP54.
- Delivery in a case, incl. extension 150 mm (measuring range \varnothing 6 - 12 mm; 100 mm).
- Separate instruments within measuring range \varnothing 6 - 100 mm and the sets are delivered incl. setting ring(s).
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Setting ring \varnothing /mm	Accuracy mm	Length L/mm	Length A/mm	Price
906.886	\varnothing 6- 8	6	± 0.004	62	0.7	
906.887	\varnothing 8- 10	8	± 0.004	62	0.7	
906.888	\varnothing 10- 12	10	± 0.004	62	0.7	
906.889	\varnothing 12- 16	16	± 0.004	80	0.7	
906.890	\varnothing 16- 20	16	± 0.004	80	0.7	
906.891	\varnothing 20- 25	25	± 0.004	90	0.7	
906.892	\varnothing 25- 30	25	± 0.004	90	0.7	
906.893	\varnothing 30- 40	40	± 0.004	97	0.7	
906.894	\varnothing 40- 50	40	± 0.005	97	0.7	
906.895	\varnothing 50- 63	62	± 0.005	114	0.7	
906.896	\varnothing 62- 75	62	± 0.005	114	0.7	
906.897	\varnothing 75- 88	87	± 0.005	114	0.7	
906.898	\varnothing 87-100	87	± 0.005	114	0.7	
906.899	\varnothing 100-125	-	± 0.005	150	0.7	
908.675	\varnothing 125-150	-	± 0.005	150	0.7	
908.676	\varnothing 150-175	-	± 0.005	150	0.7	
908.677	\varnothing 175-200	-	± 0.005	150	0.7	
908.678	\varnothing 200-225	-	± 0.007	150	0.7	
908.679	\varnothing 225-250	-	± 0.007	150	0.7	
908.680	\varnothing 250-275	-	± 0.007	150	0.7	
908.681	\varnothing 275-300	-	± 0.007	150	0.7	

Option:
836.535 Spare battery



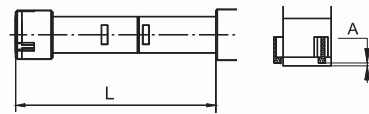
Item No.	Measuring range/mm	Setting rings \varnothing /mm	Extension mm	Number of instruments	Price
906.900	\varnothing 6- 12	6, 8, 10	100	3	
906.901	\varnothing 12- 20	16	150	2	
906.902	\varnothing 20- 50	25, 40	150	4	
906.903	\varnothing 50-100	62, 87	150	4	

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Digital three-point internal micrometers up to 1000 mm

Digital three-point internal micrometers with a large measuring range, for measuring internal dimensions like (blind) bores.

- Measuring range: \varnothing 50 - 1000 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Self-centering.
- Tungsten carbide measuring faces.
- Protection: IP54.
- Delivery in a case, incl. extension 150 mm.
- Separate instruments within measuring range \varnothing 50 - 100 mm and the sets are delivered incl. setting ring(s).
- Power supply: 1 battery type V357.



PRICE

Item No.	Measuring range/mm	Setting ring \varnothing /mm	Accuracy mm	Length L/mm	Length A/mm	Price
906.904	\varnothing 50 - 70	50	± 0.004	107	0.5	
906.905	\varnothing 70 - 100	70	± 0.004	107	0.5	
906.906	\varnothing 100 - 150	—	± 0.005	107	0.5	
906.907	\varnothing 150 - 250	—	± 0.007	107	0.5	
906.908	\varnothing 200 - 300	—	± 0.007	107	0.5	

Item No.	Measuring range/mm	Setting ring \varnothing /mm	Number of instruments	Price
906.909	\varnothing 50 - 100	70	2	
906.910	\varnothing 100 - 250	150	2	

Option

Item No.	Description	Price
836.535	Spare battery	

With interchangeable measuring bolts

The measuring range is extra large because of the interchangeable measuring bolts. The high accuracy of the measuring bolts enables exchanging without recalibrating the read-out.



- Max. measuring depth:
907.787: 750 mm,
907.788: 1750 mm.
- Accuracy:
 $\pm (1 + 0.02L) \mu\text{m}$ (L in mm).
- Delivery in a case, incl. extensions and setting ring.



Item No.	Measuring range/mm	Setting ring \varnothing /mm	Length L/mm	Length A/mm	Extensions mm	Price
907.787	\varnothing 200 - 500	200	105	0.5	150, 500	
907.788	\varnothing 200 - 1000	200	105	0.5	150, 500, 1000	

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Three-point internal micrometers

Three-point internal micrometers with a clever pistol-shaped base instrument for quick, easy and accurate measurements of internal measures such as (blind) bores. Easy single handed operation for both right and left handed use. Available as single instruments and as sets, with setting ring(s) and extension.

- Measuring range: \varnothing 6 - 100 mm.
- Measuring depth: 0 - 270 mm.
- Read-out depends on the type of dial indicator or measuring probe.
- Clamping shaft: \varnothing 8 mm.
- Self-centering.
- Excl. dial indicator or measuring probe.
- Tungsten carbide measuring faces.
- Conforms to factory standard.
- Delivery in a case.

Separate instruments

Item No.	Measuring range/mm	Accuracy mm	Setting ring \varnothing /mm	Extension mm	Length/mm		Price
					L	A	
907.770	\varnothing 6 - 8	± 0.004	8	100	50	2	
907.771	\varnothing 8 - 10	± 0.004	8	100	50	2	
907.772	\varnothing 10 - 12	± 0.004	10	100	50	2	
907.773	\varnothing 12 - 16	± 0.004	16	150	65	0.5	
907.774	\varnothing 16 - 20	± 0.004	16	150	65	0.5	
907.775	\varnothing 20 - 25	± 0.004	25	150	91	0.5	
907.776	\varnothing 25 - 30	± 0.004	25	150	91	0.5	
907.777	\varnothing 30 - 40	± 0.004	40	150	97	0.5	
907.778	\varnothing 40 - 50	± 0.005	40	150	97	0.5	
907.779	\varnothing 50 - 63	± 0.005	62	150	112	0.5	
907.780	\varnothing 63 - 75	± 0.005	62	150	112	0.5	
907.781	\varnothing 75 - 88	± 0.005	87	150	112	0.5	
907.782	\varnothing 87 - 100	± 0.005	87	150	112	0.5	

Sets

Item No.	Measuring range/mm	Setting ring(s) \varnothing /mm	Number of pistol grips	Extension mm	Price
907.783	\varnothing 6 - 12	8, 10	1	100	
907.784	\varnothing 12 - 20	16	1	150	
907.785	\varnothing 20 - 50	25, 40	2	150	
907.786	\varnothing 50 - 100	62, 87	1	150	



For suitable dial indicators refer to the dial indicators with determination of the reversal point.

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Internal measuring instruments

- Measuring range: 6-450 mm.
- Read-out depends on the type of dial indicator.
- Incl. standard dial indicator 0-3 mm/0.01 mm.
- Clamping shaft: \varnothing 8 mm.
- Self-centering (except 907.230).
- Interchangeable measuring inserts with tungsten carbide stylus tip (907.230 with spherical measuring face).
- Also suitable for various dial indicators from e.g. Mitutoyo, TESA, Käfer and Peacock with clamping stem \varnothing 8 mm.



Item No.	Measuring range/mm	Measuring depth/mm	Price
907.230	6- 10	40	
907.231	10- 18	100	
907.232	18- 35	125	
907.233	35- 50	150	
907.235	50-160	150	
907.236	160-250	400	
907.237	250-450	400	



907.235+907.933

Optional dial indicators

Item No.	Measuring range/mm	Read-out mm	Accuracy mm	Price
Analog:				
907.933	0-10	0.01	-	
Digital (with determination of the reversal point):				
907.879	0-12.7	0.001	\pm 0.01	
907.878	0-12.7	0.001	\pm 0.005	
909.250	0-12.5	0.002	\pm 0.015	
909.251	0-12.5	0.001	\pm 0.006	



907.879



909.250

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Peacock internal measuring instruments

- Measuring range: 6-400 mm.
- Read-out depends on the type of dial indicator.
- Clamping shaft: \varnothing 8 mm.
- Self-centering.
- Interchangeable measuring inserts with tungsten carbide stylus tip.
- Larger measuring depths (up to 2000 mm) are available on request.
- Also suitable for various dial indicators from e.g. Mitutoyo, TESA and Käfer with clamping stem \varnothing 8 mm.



855.160



855.507

Item No.	Measuring range/mm	Measuring depth/mm	Price
855.010	6- 10	50	
855.018	10- 18	100	
855.035	18- 35	150	
855.060	35- 60	150	
855.150	50-150	150	
855.160	100-160	250	
855.250	160-250	250	
855.260	250-400	400	
Option:			
855.507	Peacock dial indicator 0- 10 mm, graduation 0.01 mm		

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80

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Setting instrument for internal measuring instruments

This instrument offers you the best way to accurately zero-set your internal measuring instruments with dial indicator. Gauge blocks are used to set the exact reference value. The special receiver assures that the centering device of the micrometer also functions when in use on this instrument, making the checking just as easy as measuring.

- Adjustment range: 18 - 400 mm.
- The setting instrument consists of a stand with double guidance and a flat measuring jaw.
- Excl. gauge blocks.
- Delivery in a case.



Item No.	Adjustment range/mm	Price
907.877	18 - 400	



Stick micrometers

Compound internal micrometers.

- Measuring range: 50 - 1250 mm.
- Graduation: 0.01 mm.
- Tungsten carbide measuring faces.
- Extensions with floating coupling system.
- Stick micrometer 838.101 will be supplied with holder for measurement in deep bores.
- Delivery in a case.



838.104



Item No.	Measuring range/mm	Extension ø/mm	Price
838.101	50 - 75	13.5	
838.102	75 - 175	13.5	
838.104	150 - 1250	22	

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Stick micrometers

- Measuring range: 50 - 600 mm.
- Graduation: 0.01 mm.
- Locking screw (except 906.078).
- Spherical tungsten carbide measuring faces.
- With insulating grips (only 906.083 - 906.099).

- Graduation is engraved by means of a laser.
- Excl. setting gauge.



Item No.	Measuring range/mm	Accuracy mm	Price
906.078	50 - 75	±0.006	
906.079	75 - 100	±0.006	
906.080	100 - 125	±0.006	
906.081	125 - 150	±0.008	
906.082	150 - 175	±0.008	
906.083	175 - 200	±0.008	
906.084	200 - 225	±0.009	
906.085	225 - 250	±0.009	
906.086	250 - 275	±0.009	
906.087	275 - 300	±0.009	
906.088	300 - 325	±0.009	

Item No.	Measuring range/mm	Accuracy mm	Price
906.089	325 - 350	±0.009	
906.090	350 - 375	±0.010	
906.091	375 - 400	±0.010	
906.092	400 - 425	±0.010	
906.093	425 - 450	±0.010	
906.094	450 - 475	±0.011	
906.095	475 - 500	±0.011	
906.096	500 - 525	±0.011	
906.097	525 - 550	±0.011	
906.098	550 - 575	±0.011	
906.099	575 - 600	±0.011	

Stick micrometer sets

- Measuring range: 50 - 5000 mm.
- Measuring range micrometer:
 - 906.911 - 906.917: 50 - 63 mm,
 - 906.918: 150 - 175 mm,
 - 906.919 - 906.923: 1000 - 1050 mm.
- Graduation: 0.01 mm.
- Accuracy:
 - 906.911 - 906.918: $\pm(3+n+L/50)$ μm ,
 - 906.919 - 906.923: $\pm(7+n+L/50)$ μm
 - (n = number of extensions, L = max. measuring length in mm).
- Locking screw.
- Tungsten carbide measuring faces.
- With insulating grips (only 906.918 - 906.923).
- External diameter micrometer/extensions:
 - 906.911 - 906.917: 15.5 mm,
 - 906.918: 22 mm,
 - 906.919 - 906.923: 28 mm.
- Incl. setting gauge (only 906.911 - 906.918).
- Delivery in a case.



Item No.	Measuring range/mm	Number of extensions	Price
906.911*	50 - 63	-	
906.912	50 - 100	2	
906.913	50 - 150	3	
906.914	50 - 300	5	
906.915	50 - 500	6	
906.916	50 - 1000	8	
906.917	50 - 1500	10	
906.918	150 - 2000	9	
906.919*	1000 - 1050	-	
906.920	1000 - 2000	5	
906.921	1000 - 3000	6	
906.922	1000 - 4000	7	
906.923	1000 - 5000	8	

* Single instrument (without extensions).

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Inside micrometers with interchangeable anvils

Screw thread micrometers for internal measurements of pitch diameters. The interchangeable anvils allow measurements of several kinds of screw thread.

- Measuring range: 75 - 300 mm.
- Graduation: 0.01 mm.
- Insert shaft: $\varnothing 5$ mm.
- Delivery incl. setting gauge for metric thread, 60° flank angle.



Item No.	Measuring range/mm	Accuracy mm	Price
Inside micrometers without inserts:			
906.924	75 - 100	± 0.025	
906.925	100 - 125	± 0.028	
906.926	125 - 150	± 0.030	
906.927	150 - 175	± 0.033	
906.928	175 - 200	± 0.035	
906.929	200 - 225	± 0.038	
906.930	225 - 250	± 0.040	
906.931	250 - 275	± 0.043	
906.932	275 - 300	± 0.045	

Item No.	Threads per inch	Price
Inserts for Whitworth threads, 55° flank angle, per pair:		
906.940	60 - 48	
906.941	48 - 40	
906.942	40 - 32	
906.944	32 - 24	
906.945	24 - 18	
906.946	18 - 14	
906.947	14 - 10	
906.948	10 - 7	
906.949	7 - 4.5	
906.950	4.5 - 3.5	
906.951	Set 60 - 3.5	

Item No.	Pitch/mm	Price
Inserts for metric threads, 60° flank angle, per pair:		
906.933	0.4 - 0.5	
906.934	0.6 - 0.9	
906.935	1 - 1.75	
906.936	2 - 3	
906.937	3.5 - 5	
906.938	5.5 - 7	
906.939	Set 0.4 - 7	

Item No.	Threads per inch	Price
Inserts for UN, UNC and UNF threads, 60° flank angle, per pair:		
906.952	64 - 48	
906.953	44 - 28	
906.954	24 - 14	
906.955	13 - 9	
906.956	8 - 5	
906.957	4.5 - 3.5	
906.958	Set 64 - 3.5	

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Internal micrometers

Internal micrometers with special measuring jaws for measurements in hard-to-reach places.

- Measuring range: 5 - 200 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Tungsten carbide cylindrical measuring faces.
- Internal micrometers within measuring range 5 - 50 mm are delivered incl. setting ring.
- Delivery in a case.

Analog

- No-glare chrome finished design.

Digital

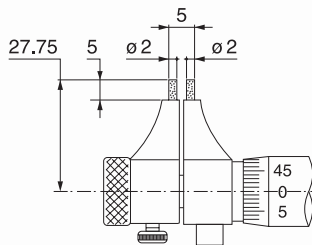
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Power supply: 1 battery type V357.



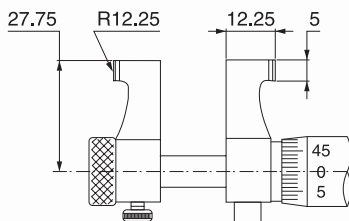
906.509



906.874



906.509 / 906.874



906.510-533 / 906.875-881



906.510-533 / 906.875-881



Item No.	Measuring range/mm	Accuracy mm	Price
Analog:			
906.509	5 - 30	±0.005	
906.510	25 - 50	±0.006	
906.511	50 - 75	±0.007	
906.512	75 - 100	±0.008	
906.530	100 - 125	±0.009	
906.531	125 - 150	±0.009	
906.532	150 - 175	±0.010	
906.533	175 - 200	±0.010	
Digital:			
906.874	5 - 30	±0.005	
906.875	25 - 50	±0.006	
906.876	50 - 75	±0.007	
906.877	75 - 100	±0.008	
906.878	100 - 125	±0.009	
906.879	125 - 150	±0.009	
906.880	150 - 175	±0.010	
906.881	175 - 200	±0.010	
Option:			
836.535	Spare battery		

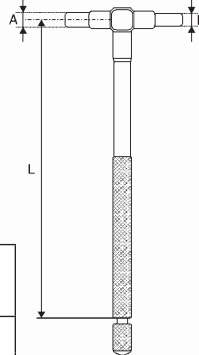
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Telescopic gauges

In places that are hard to reach with standard measuring instruments, you can use these telescopic gauges. The gauge is put into the bore, centers itself, after that you can turn on the locking screw. Then the gauge is pulled out and you can measure the result, for instance with a micrometer.

- Measuring range: 8 - 150 mm.
- Chrome finished.



Individual gauges

Item No.	Measuring range/mm	Dimensions/mm			Price
		L	A	B	
906.604	8 - 12.7	102	4	3	
906.605	12.7-	102	5	4	
906.606	19 - 32	102	5	4	
906.607	32 - 54	127	7.5	6	
906.608	54 - 90	127	7.5	6	
906.609	90 - 150	127	7.5	6	

Set of gauges

Item No.	Measuring range/mm	Price
906.610	8 - 150	

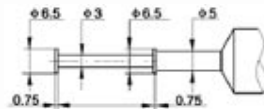
Groove micrometers

Micrometers for measuring e.g. steps in bores and internal cross grooves. With double graduation for internal and external measurements. By means of the disk-shaped measuring faces the wide, depth and location of grooves in bores can be determined.

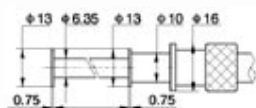
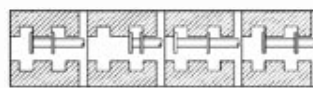
- Measuring range:
 - external measuring: 0 - 100 mm,
 - internal measuring: 1.6 - 101.5 mm.
- Graduation: 0.01 mm.
- Accuracy: ± 0.01 mm.
- Diameter measuring faces:
 - 907.137: 6.5 mm,
 - 907.138-907.141: 13 mm.
- Double graduation.



907.137



907.137



907.138-141



Item No.	Ext. measuring range/mm	Int. measuring range/mm	Price
907.137	0- 25	1.6- 26.5	
907.138	0- 25	1.6- 26.5	
907.139	25- 50	26.5- 51.5	
907.140	50- 75	51.5- 76.5	
907.141	75- 100	76.5- 101.5	

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Diatest crankshaft meters

- Measuring range: 45 - 500 mm.
- Graduation: 0.01 mm.
- Rotatable dial.
- Delivery with dial indicator, counter-weight and extensions in a case.



Item No.	Measuring range/mm	Price
831.469	45 - 150	
831.470	60 - 300	
831.471	60 - 500	

Options:

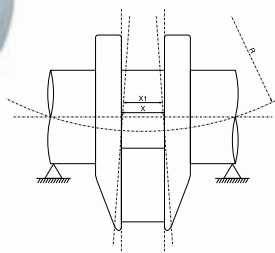
- 831.472 Separate dial indicator for 831.469
- 831.473 Counterweight for 831.469
- 831.474 Separate dial indicator for 831.470 and 831.471
- 831.475 Counterweight for 831.470 and 831.471

Crankshaft meters

- Measuring range: 60 - 500 mm.
- Graduation: 0.01 mm.
- Rotatable dial.
- Delivery with dial indicator, counter-weight and extensions in a case.



907.917



907.919



Item No.	Measuring range/mm	Price
907.918	60 - 300	
907.919	60 - 500	

Option:

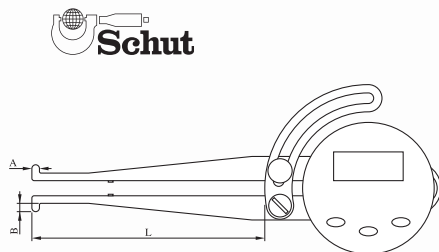
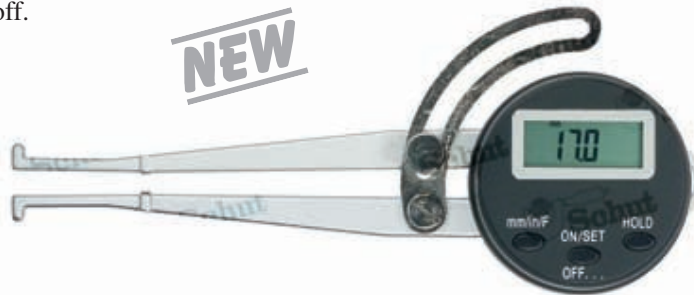
- 907.917 Separate dial indicator

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Digital internal measuring instrument

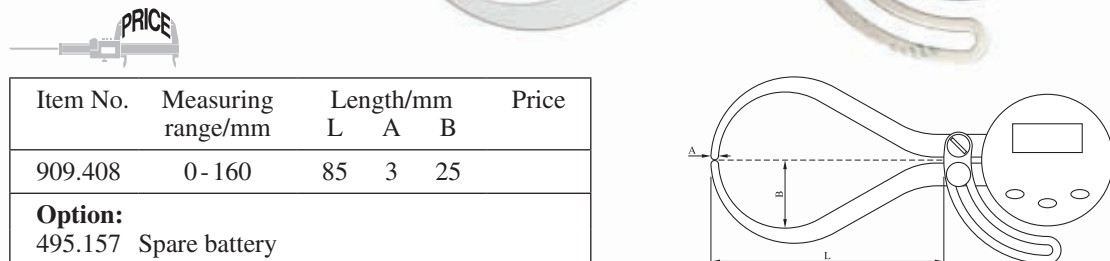
- Measuring range: 12.7 - 170 mm.
- Resolution: 0.1 mm.
- Accuracy: ± 0.2 mm.
- mm/inch conversion.
- On/off switch.
- Automatic switch-off.
- Reset.
- Hold function.
- Locking screw.
- Delivery in a case.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Length/mm			Price
		L	A	B	
909.409	12.7 - 170	85	3	3	
Option: 495.157 Spare battery					

Digital external measuring instrument

- Measuring range: 0 - 160 mm.
- Resolution: 0.1 mm.
- Accuracy: ± 0.2 mm.
- mm/inch conversion.
- On/off switch.
- Automatic switch-off.
- Reset.
- Hold function.
- Locking screw.
- Delivery in a case.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Length/mm			Price
		L	A	B	
909.408	0 - 160	85	3	25	
Option: 495.157 Spare battery					

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Digital internal measuring instruments

Digital internal measuring instruments for measurements of bores, internal grooves and other hard-to-reach places.

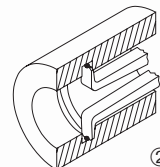
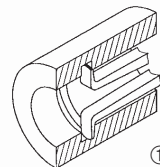
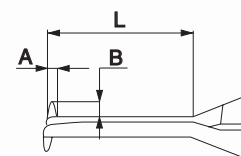
- Measuring range: 5 - 60 mm.
- Resolution: 0.01 mm. Digital-analog display changes automatically between 0.01, 0.02 and 0.05 mm (± 20 scale divisions).
- mm/inch conversion.
- ABS/INC switchable.
- Large LCD display, 340° rotatable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Hold and min/max functions.
- Adjustable tolerance limits.
- Measuring faces with different contact forms.
- Power supply: 1 battery type CR2032.



908.810



Item No.	Measuring range/mm	Accuracy mm	Length/mm			Contact form/mm	Price
			L	A	B		
Travel 10 mm:							
908.810	5-15	± 0.02	20	1	1.5	① R 0.3	
908.811	10-20	± 0.02	25	1.5	3.0	① R 0.3	
908.812	20-30	± 0.02	30	2	6.5	① R 0.5	
908.813	30-40	± 0.02	30	2.5	9.0	① R 0.5	
908.814	40-50	± 0.02	30	2.5	9.0	① R 0.5	
908.816	10-20	± 0.02	25	1.5	3.0	② $\phi 1.5$	
908.817	20-30	± 0.02	30	2	6.5	② $\phi 1.5$	
908.818	30-40	± 0.02	30	2.5	9.0	② $\phi 1.5$	
908.819	40-50	± 0.02	30	2.5	9.0	② $\phi 1.5$	
Travel 20 mm:							
908.820	5-25	± 0.03	35	1	1.5	① R 0.3	
908.821	10-30	± 0.03	55	2	3.5	① R 0.5	
908.822	20-40	± 0.03	80	3	6.5	① R 0.5	
908.823	30-50	± 0.03	80	3	8.5	① R 0.5	
908.824	40-60	± 0.03	80	3	8.5	① R 0.5	
908.826	10-30	± 0.03	55	2	3.5	② $\phi 1.5$	
908.827	20-40	± 0.03	80	3	6.5	② $\phi 1.5$	
908.828	30-50	± 0.03	80	3	8.5	② $\phi 1.5$	
908.829	40-60	± 0.03	80	3	8.5	② $\phi 1.5$	
Option:							
495.157	Spare battery						



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Internal measuring instruments

Internal measuring instruments for measurements of bores, internal grooves and other hard-to-reach places.

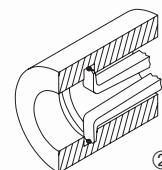
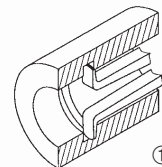
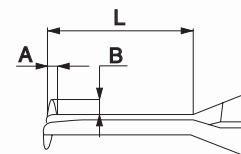
- Measuring range: 5 - 60 mm.
- Graduation: 0.01 mm.
- Rotatable dial.
- Adjustable tolerance markers.
- Measuring faces with different contact forms.



908.830



Item No.	Measuring range/mm	Accuracy mm	Length/mm L A B	Contact form/mm	Price
Travel 10 mm:					
908.830	5-15	±0.02	20 1 1.5	① R 0.3	
908.831	10-20	±0.02	25 1.5 3.0	① R 0.3	
908.832	20-30	±0.02	30 2 6.5	① R 0.5	
908.833	30-40	±0.02	30 2.5 9.0	① R 0.5	
908.834	40-50	±0.02	30 2.5 9.0	① R 0.5	
908.836	10-20	±0.02	25 1.5 3.0	② ø1.5	
908.837	20-30	±0.02	30 2 6.5	② ø1.5	
908.838	30-40	±0.02	30 2.5 9.0	② ø1.5	
908.839	40-50	±0.02	30 2.5 9.0	② ø1.5	
Travel 20 mm:					
908.840	5-25	±0.03	35 1 1.5	① R 0.3	
908.841	10-30	±0.03	55 2 3.5	① R 0.5	
908.842	20-40	±0.03	80 3 6.5	① R 0.5	
908.843	30-50	±0.03	80 3 8.5	① R 0.5	
908.844	40-60	±0.03	80 3 8.5	① R 0.5	
908.846	10-30	±0.03	55 2 3.5	② ø1.5	
908.847	20-40	±0.03	80 3 6.5	② ø1.5	
908.848	30-50	±0.03	80 3 8.5	② ø1.5	
908.849	40-60	±0.03	80 3 8.5	② ø1.5	



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Digital external measuring instruments

Digital external measuring instruments for measurements of external grooves, axis diameters, wall thicknesses and other hard-to-reach places.

- Measuring range: 0 - 60 mm.
- Resolution: 0.01 mm. Digital-analog display changes automatically between 0.01, 0.02 and 0.05 mm (± 20 scale divisions).
- mm/inch conversion.
- ABS/INC switchable.
- Large LCD display, 340° rotatable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Hold and min/max functions.
- Adjustable tolerance limits.
- Measuring faces with different contact forms.
- Power supply: 1 battery type CR2032.

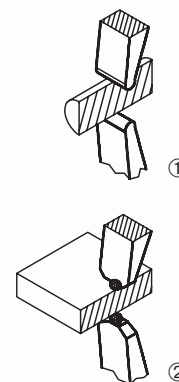
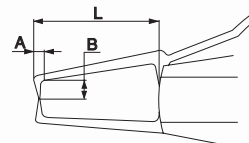


Schut

908.850



Item No.	Measuring range/mm	Accuracy mm	Length/mm			Contact form/mm	Price
			L	A	B		
Travel 10 mm:							
908.850	0 - 10	± 0.02	40	3	8	① R 0.5	
908.851	10 - 20	± 0.02	40	3	8	① R 0.5	
908.852	20 - 30	± 0.02	40	3	8	① R 0.5	
908.853	30 - 40	± 0.02	40	3	8	① R 0.5	
908.854	40 - 50	± 0.02	40	3	8	① R 0.5	
908.855	0 - 10	± 0.02	40	3	8	② $\phi 1.5$	
908.856	10 - 20	± 0.02	40	3	8	② $\phi 1.5$	
908.857	20 - 30	± 0.02	40	3	8	② $\phi 1.5$	
908.858	30 - 40	± 0.02	40	3	8	② $\phi 1.5$	
908.859	40 - 50	± 0.02	40	3	8	② $\phi 1.5$	
Travel 20 mm:							
908.860	0 - 20	± 0.03	80	6.5	25	① R 0.75	
908.861	10 - 30	± 0.03	80	6.5	25	① R 0.75	
908.862	20 - 40	± 0.03	80	6.5	25	① R 0.75	
908.863	30 - 50	± 0.03	80	6.5	25	① R 0.75	
908.864	40 - 60	± 0.03	80	6.5	25	① R 0.75	
908.865	0 - 20	± 0.03	80	6.5	25	② $\phi 1.5$	
908.866	10 - 30	± 0.03	80	6.5	25	② $\phi 1.5$	
908.867	20 - 40	± 0.03	80	6.5	25	② $\phi 1.5$	
908.868	30 - 50	± 0.03	80	6.5	25	② $\phi 1.5$	
908.869	40 - 60	± 0.03	80	6.5	25	② $\phi 1.5$	
Option:							
495.157	Spare battery						



014-307-EN-declar/20110825

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90

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External measuring instruments

External measuring instruments for measurements of external grooves, axis diameters, wall thicknesses and other hard-to-reach places.

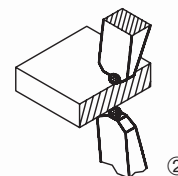
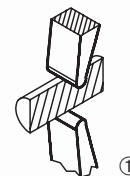
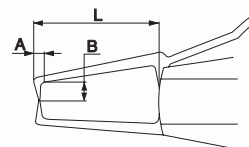
- Measuring range: 0 - 60 mm.
- Graduation: 0.01 mm.
- Rotatable dial.
- Adjustable tolerance markers.
- Measuring faces with different contact forms.



908.870



Item No.	Measuring range/mm	Accuracy mm	Length/mm			Contact form/mm	Price
			L	A	B		
Travel 10 mm:							
908.870	0 - 10	±0.02	40	3	8	① R 0.5	
908.871	10 - 20	±0.02	40	3	8	① R 0.5	
908.872	20 - 30	±0.02	40	3	8	① R 0.5	
908.873	30 - 40	±0.02	40	3	8	① R 0.5	
908.874	40 - 50	±0.02	40	3	8	① R 0.5	
908.875	0 - 10	±0.02	40	3	8	② ø 1.5	
908.876	10 - 20	±0.02	40	3	8	② ø 1.5	
908.877	20 - 30	±0.02	40	3	8	② ø 1.5	
908.878	30 - 40	±0.02	40	3	8	② ø 1.5	
908.879	40 - 50	±0.02	40	3	8	② ø 1.5	
Travel 20 mm:							
908.880	0 - 20	±0.03	80	6.5	25	① R 0.75	
908.881	10 - 30	±0.03	80	6.5	25	① R 0.75	
908.882	20 - 40	±0.03	80	6.5	25	① R 0.75	
908.883	30 - 50	±0.03	80	6.5	25	① R 0.75	
908.884	40 - 60	±0.03	80	6.5	25	① R 0.75	
908.885	0 - 20	±0.03	80	6.5	25	② ø 1.5	
908.886	10 - 30	±0.03	80	6.5	25	② ø 1.5	
908.887	20 - 40	±0.03	80	6.5	25	② ø 1.5	
908.888	30 - 50	±0.03	80	6.5	25	② ø 1.5	
908.889	40 - 60	±0.03	80	6.5	25	② ø 1.5	



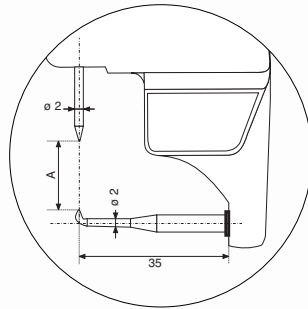
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Digital thickness gauge

This digital thickness gauge has special, pointed measuring faces for measuring in hard-to-reach places of metal parts.

- Measuring range: 0 - 15 mm.
- Resolution: 0.01 mm.
- Accuracy: ± 0.03 mm.
- mm/inch conversion.
- On/off switch.
- Reset.
- Weight: 100 g.
- Power supply: 1 battery type V357.



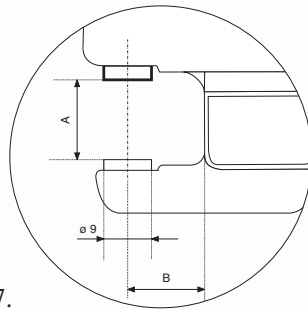
Item No.	Measuring face	Throat depth/mm	Price
906.450	Pointed	35	
Option:			
836.535	Spare battery		



Digital thickness gauges

The shape of the measuring faces makes this digital thickness gauge especially suitable for measuring metal or plastic film, leather, paper, etc.

- Measuring range: 0 - 25 mm.
- Resolution: 0.01 mm.
- Accuracy:
 - 0 - 15 mm: ± 0.03 mm,
 - 0 - 25 mm: ± 0.04 mm.
- mm/inch conversion.
- On/off switch.
- Reset.
- Weight: 100 g.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Measuring face ϕ /mm	Throat depth/mm	Price
906.451	0 - 15	9	15.0	
906.452	0 - 25	9	14.5	
Option:				
836.535	Spare battery			

906.451

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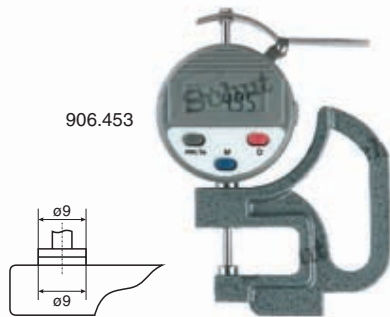
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Digital external measuring instruments

- Measuring range: 0 - 10 mm.
- Resolution: 0.01 mm.
- Repeatability: 0.01 mm.
- mm/inch conversion.
- Automatic switch-off.
- Reset.
- Hold function.
- Min/max function.
- Max. measuring speed: 1.5 m/s.
- Non-interchangeable inserts.
- Power supply: 1 battery type V357.



906.454



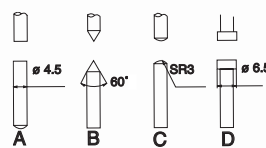
906.453

Item No.	Measuring range/mm	Measuring faces ϕ /mm	Throat depth/mm	Price
906.453	0 - 10	9	30	
906.454	0 - 10	9	120	
Option: 836.535 Spare battery				

Digital external measuring instruments

Digital external measuring instruments with different contact forms for measuring the thickness of several materials.

- Measuring range: 0 - 20 mm.
- Travel: 12 mm.
- Resolution: 0.01 mm.
- Accuracy: ± 0.02 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Large LCD-display, 40 x 15 mm.
- Automatic switch-off.
- Reset.
- Adjustable tolerance limits.
- Measuring faces with different contact forms.
- Power supply: 1 battery type V357.



Types of inserts:

- A: grooves
- B: metal
- C: general applications
- D: rubber rings, round materials



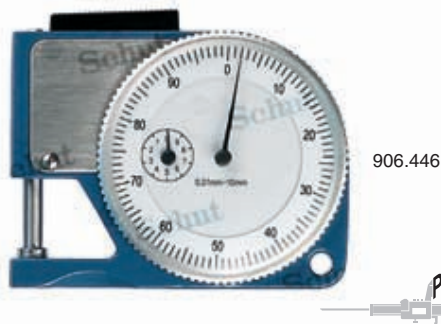
907.142

Item No.	Measuring range/mm	Contact form	Price
907.142	0 - 15	A	
907.143	0 - 20	A	
907.144	0 - 15	B	
907.145	0 - 20	B	
907.146	0 - 15	C	
907.147	0 - 20	C	
907.148	0 - 15	D	
Option: 836.535 Spare battery			

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Thickness gauges

- Measuring range: 0 - 10 mm.
- Graduation: 0.01 mm.
- Rotatable dial.
- Non-interchangeable inserts.
- Locking screw (only 906.447).
- Measuring face: $\varnothing 6$ mm.



Item No.	Measuring range/mm	Throat depth/mm	Price
906.446	0 - 10	10	
906.447	0 - 10	30	

Thickness gauge

- Measuring range: 0 - 20 mm.
- Graduation: 0.01 mm.
- Rotatable dial with locking screw.
- Non-interchangeable inserts.
- Measuring face: $\varnothing 6$ mm.



Item No.	Measuring range/mm	Throat depth/mm	Price
906.448	0 - 20	100	

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Peacock external measuring instruments

- Measuring range: 0 - 10 mm.
- Graduation: 0.01 mm.
- Measuring force: approx. 1.8 N.
- Non-interchangeable measuring inserts.
- Ceramic measuring faces (except 855.757: hardened steel).



855.750



855.757



855.751

Item No.	Measuring range/mm	Measuring faces ϕ /mm	Throat depth/mm	Price
855.757	0 - 10	5	20	
855.750	0 - 10	10	20	
855.751	0 - 10	10	120	

Interapid thickness gauge for film measurement

- Measuring range: 0 - 1 mm.
- Graduation: 0.001 mm.
- Measuring force: approx. 2 N.
- Non-interchangeable measuring inserts.
- Throat depth: 30 mm.
- Frame with insulating grip.
- Delivery with a declaration of conformity.



Item No.	Measuring range/mm	Meas. faces ϕ /mm	Price
781.547	0 - 1	6.35	

External measuring instruments

- Measuring range: 0 - 10 mm.
- Graduation: 0.01 mm.
- Different types of inserts available, with hardened steel measuring faces.
- Throat depth: 50 mm.

Item No.	Type of insert	Price
853.002	B	
853.003	C	
853.004	D	
853.005	E	
853.007	G	



853.007



853.002

Types of inserts	
	B Wood, rubber, soft leather
	C Soft rubber
	D Rubber rings, round material
	E Paper, cardboard, fibrous plates
	G Metal

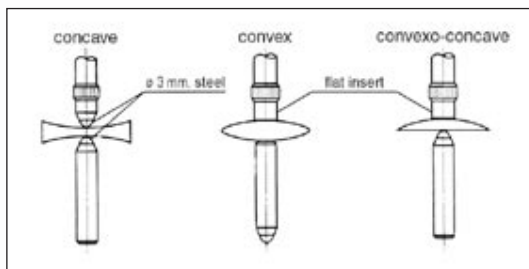
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Peacock universal thickness gauge

Measuring instrument with dial indicator and adjustable anvil, multi-purpose.

- Measuring range frame: 0-20 mm.
- Measuring range dial indicator: 10 mm.
- Graduation: 0.01 mm.
- Throat depth: 25 mm.
- With additional flat insert.

Item No.	Measuring range/mm	Price
855.752	0-20	



Tube wall thickness gauge

- Measuring range: 0-10 mm.
- Graduation: 0.01 mm.
- Measuring force: approx. 1 N.
- Throat depth: 25 mm.
- From inner diameter 8 mm.



Item No.	Measuring range/mm	Price
853.137	0-10	



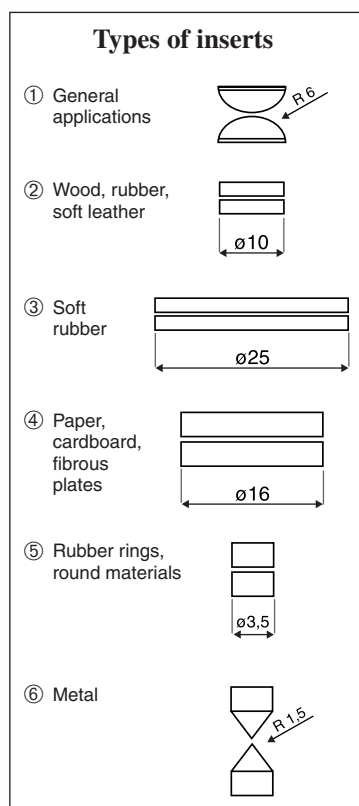
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96

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Thickness gauges

- Measuring range: 0-50 mm.
- Graduation: 0.1 mm.
- Different types of inserts.
- Hardened steel measuring faces.
- Other models available on request.



Item No.	Measuring range/mm	Type of insert	Throat depth/mm	Price
853.022	0-10	②	15	
853.037	0-30	①	50	
853.031	0-30	⑤	50	
853.032	0-30	②	50	
853.033	0-30	③	50	
853.041	0-50	⑤	50	
853.042	0-50	②	50	
853.043	0-50	③	50	
853.044	0-50	④	50	
853.045	0-50	⑥	50	
853.047	0-50	①	50	
853.052	0-25	②	150	
853.053	0-25	③	150	
853.054	0-25	①	150	
853.055	0-25	④	150	
853.062	0-25	②	300	
853.063	0-25	③	300	
853.064	0-25	①	300	
853.065	0-25	④	300	
853.082	0-25	②	500	
853.083	0-25	③	500	
853.084	0-25	①	500	
853.085	0-25	④	500	

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Universal measuring instruments

Robust universal measuring instruments for measuring by comparison, consisting of a steel precision cylinder with one fixed (adjustable) and one mobile measuring arm holder. The measuring direction is reversible by a simple turn of the adjusting screw at the end of the instruments. This feature enables measurements of internal and external dimensions. Clamping shaft 8H7 for dial indicator or measuring probe (measuring range 0 - 10 mm, not included). The nominal size is set with gauge blocks, setting rings or something similar.

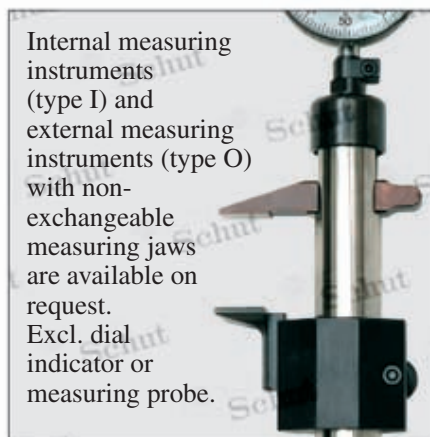
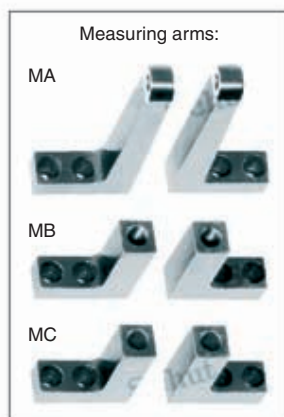
Base instrument, with wooden case

Item No.	Type	Measuring range (internal/external) in mm, with:				Price
		Spherical disc inserts	Spherical needle insert $\varnothing 2 \times 5$ mm	Ball insert $\varnothing 3$ mm	Measuring disc $\varnothing 15 \times 4$ mm	
856.340	2-MR	29-254/9-234	38-263/0-225	36-261/2-227	46-256/16-226	
856.341	2L-MR	29-354/9-334	38-363/0-325	36-361/2-327	46-356/16-326	
856.342	2EL-MR	29-454/9-434	38-463/0-425	36-461/2-427	46-456/16-426	



Measuring arms

Item No.	Length mm	Price per piece
Type MA, with $\varnothing 3.5$ mm bore for interchangeable inserts:		
856.343	25	
856.344	50	
856.345	75	
856.346	100	
Type MB, with internal thread M6 for interchangeable measuring disc:		
856.347	30	
856.348	50	
Type MC, with bore 4H7 for various interchangeable inserts:		
856.349	30	
856.350	50	



Internal measuring instruments (type I) and external measuring instruments (type O) with non-exchangeable measuring jaws are available on request. Excl. dial indicator or measuring probe.

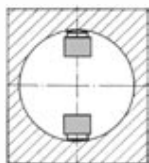
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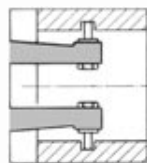
Universal measuring instruments (continued)

Interchangeable inserts for type MA

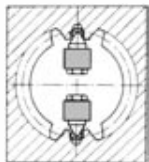
Item No.	Description	Price per piece
856.351	Spherical disc insert	
856.372	Flat disc insert	
856.352	Spherical needle ø 2 x 5 mm	
856.376	Ditto, ø 2 x 25 mm	
856.353	Ball insert ø 3 mm	



856.351: measuring of bores



856.352: measuring of narrow grooves



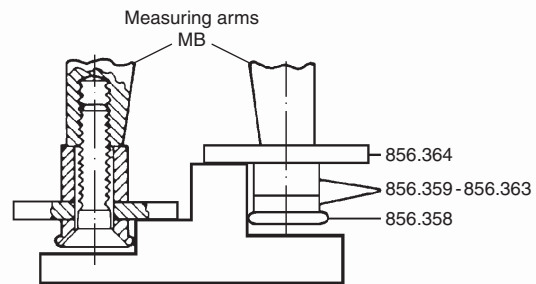
856.353: measuring of internal gear teeth, V-grooves, etc.



Available on request: inserts for thread pitch diameters (metric: pitch 0.5-7.0; BSW: 14-3.0 t.p.i.; UN: 32-3.0 t.p.i.). The measuring anvils rotate to follow the helix of the thread.

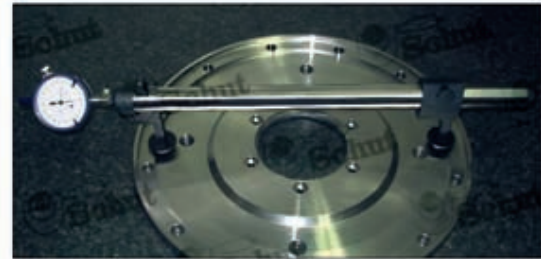
Interchangeable measuring disc for type MB

A measuring disc, which can be fitted by means of spacers and a support washer, is available for measuring arms MB with internal thread M6. For measuring of shoulders at different levels, locating flanges, etc.



Item No.	Description	Price per piece
856.358	Measuring disc ø 15 x 4 mm	
856.359	Spacer 1 mm	
856.360	Spacer 2 mm	
856.361	Spacer 3 mm	
856.362	Spacer 6 mm	
856.363	Spacer 10 mm	
856.364	Support washer ø 30 x 3 mm	

Example of a complete instrument with measuring arms type MB, measuring discs and a dial indicator.



Extensions and connecting elements

Item No.	Description	Price
856.354	Extension 300 mm	
856.355	Extension 500 mm	
856.356	Connecting element for measuring element and extension	
856.357	End cover for extension	

Before placing the extension the measuring direction has to be determined with the adjusting screw.

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99

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