



YOU ARE VALUABLE TO US

We think more, we achieve more, we offer more to create added value for our customers. This not only sounds good in theory, it's demonstrated in everything that we do every day, creating some quite interesting perspectives ...

- the HELIOS-PREISSER brand stands for a tradition of premium quality with maximum precision;
- the wide and extensive product range offers everything professionals look for, need and want;
- our small company size makes us an approachable partner, flexible enough to handle fast turnaround times, customisation requests, and providing service in a class of its own.

What two entrepreneurs started 75 years ago has come together in 2015 to walk a common path into the future. We are certain that this is a road to success because our goal is and will always be to go the extra mile.



2. CHAPTER MICROMETERS

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0800 External micrometers



**DIN
863-1**



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated

Shipment

- From measuring range 25 - 50 mm upwards includes a setting gauge
- Plastic case

✂	✂	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	6.5	17	0.5	0800 501	17.40
		25 - 50	6.5	17	0.5	0800 502	21.20
		50 - 75	6.5	17	0.5	0800 503	24.30
		75 - 100	6.5	17	0.5	0800 504	28.70

0800 Set of external micrometers



**DIN
863-1**



Shipment

- Includes 4 external micrometers
- Incl. setting gauges 25/50/75 mm
- Wooden case

✂	✂	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch	Ref. No.	List price Euro
		0 - 100	6.5	17	0.5	0800 513	102.00

0807 Holder for external micrometers



Specification

- With heavy cast iron base
- Vertically rotating and lockable

Shipment

- Cardboard box

✂	✂	For measuring range mm	Ref. No.	List price Euro
		0 - 300	0807 101	52.00



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0806 External micrometers with friction clutch



**DIN
863-1**



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking lever
- With friction clutch (ratchet)
- Fixed quick drive
- Carbide measuring faces
- Thermally insulated

Shipment

- From measuring range 25 - 50 mm includes a setting gauge
- Plastic case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	6.5	18	0.5	0806 501	31.50
		25 - 50	6.5	18	0.5	0806 502	34.50
		50 - 75	6.5	18	0.5	0806 503	37.50
		75 - 100	6.5	18	0.5	0806 504	40.50

0806 Set of external micrometers with friction clutch



**DIN
863-1**



Shipment

- Includes 4 external micrometers
- incl. setting gauges 25/50/75 mm
- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 100	6.5	18	0.5	0806 513	148.00



0806 External micrometers



**DIN
863-1**



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Coated steel frame

Shipment

- From measuring range 25 - 50 mm upwards includes a setting gauge
- Plastic case

✂	📏	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	6.5	17.5	0.5	0806 521	43.10
		25 - 50	6.5	17.5	0.5	0806 522	68.00
		50 - 75	6.5	17.5	0.5	0806 523	84.00
		75 - 100	6.5	17.5	0.5	0806 524	97.00
		100 - 125	6.5	17.5	0.5	0806 525	132.00
		125 - 150	6.5	17.5	0.5	0806 526	148.00
		150 - 175	6.5	17.5	0.5	0806 527	165.00
		175 - 200	6.5	17.5	0.5	0806 528	181.00

0806 Set of external micrometers



**DIN
863-1**



Shipment

- Includes 4 external micrometers
- Incl. setting gauges 25 + 75 mm or 125 + 175 mm
- Wooden case

✂	📏	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 100	6.5	17.5	0.5	0806 540	254.00
		100 - 200	6.5	17.5	0.5	0806 542	559.00



0810 External micrometers



**DIN
863-1**



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking ring
- Spheroid ductile iron frame, lacquered
- Ratchet stop
- Carbide measuring faces
- Thermally insulated

Shipment

- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	8	30	1	0810 501	239.00
		25 - 50	8	30	1	0810 502	252.00
		50 - 75	8	30	1	0810 503	265.00
		75 - 100	8	30	1	0810 504	281.00

0815 External micrometers with deep frame



**DIN
863-1**



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Steel bracket lacquered
- Ratchet stop
- Carbide measuring faces

Shipment

- Wooden case

		Meas. range x frame depth mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Max. error µm	Ref. No.	List price Euro
		0 - 25 x 100	8	24	1	3	0815 510	251.00
		0 - 25 x 150	6.5	24	1	5	0815 514	265.00
		0 - 25 x 250	6.5	24	1	7	0815 518	331.00
		0 - 50 x 50	8	24	1	3	0815 530	285.00
		0 - 50 x 100	8	24	1	4	0815 534	421.00
		50 - 100 x 100	8	24	1	4	0815 540	465.00



0816 External micrometers large spindle distance 50 mm



DIN
863-1



Specification

- DIN 863-1
- Direct reading 0.01 mm, without addition because of thread pitch 1 mm
- Reading parts are satin chrome finished
- Locking ring
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- With 50 mm spindle movement and a wide measuring range
- Spheroid ductile iron frame, lacquered or coated light alloy frame

Shipment

- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 50	8	24	1	0816 501	300.00
		50 - 100	8	24	1	0816 502	339.00
		100 - 150	8	24	1	0816 503	391.00
		150 - 200	8	24	1	0816 504	447.00
		200 - 250	8	24	1	0816 505	508.00
		250 - 300	8	24	1	0816 506	574.00
		300 - 350	10	24	1	0816 507*	810.00
		350 - 400	10	24	1	0816 508*	856.00
		400 - 450	10	24	1	0816 509*	909.00
		450 - 500	10	24	1	0816 510*	975.00
		500 - 550	10	24	1	0816 511*	1,052.00
		550 - 600	10	24	1	0816 512*	1,126.00

0817 External micrometers with wide range of applications 100 mm



DIN
863-3



Specification

- DIN 863-3
- Direct reading 0.01 mm, without addition because of thread pitch 1 mm
- Reading parts are satin chrome finished
- Spindle adjustment 50 mm
- Reversible anvil (screwed) for measuring range extension
- Locking ring
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Robust coated light alloy frame

Shipment

- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Max. error µm	Ref. No.	List price Euro
		200 - 300	10	24	1	6	0817 512	967.00
		300 - 400	10	24	1	7	0817 514	1,006.00
		400 - 500	10	24	1	8	0817 516	1,126.00
		500 - 600	10	24	1	9	0817 518	1,277.00
		600 - 700	10	24	1	9	0817 520	1,429.00
	▪	700 - 800	10	24	1	9	0817 522	1,585.00
	▪	800 - 900	10	24	1	10	0817 524	1,745.00
	▪	900 - 1000	10	24	1	10	0817 526	1,931.00
	▪	1000 - 1100	10	24	1	11	0817 528	2,126.00
	▪	1100 - 1200	10	24	1	11	0817 530	2,326.00
	▪	1200 - 1300	10	24	1	12	0817 532	2,546.00
	▪	1300 - 1400	10	24	1	12	0817 534	2,821.00
	▪	1400 - 1500	10	24	1	13	0817 536	3,011.00
	▪	1500 - 1600	10	24	1	18	0817 538	4,714.00
	▪	1600 - 1700	10	24	1	19	0817 540	5,003.00
	▪	1700 - 1800	10	24	1	20	0817 542	5,383.00
	▪	1800 - 1900	10	24	1	21	0817 544	5,703.00
	▪	1900 - 2000	10	24	1	22	0817 546	6,059.00

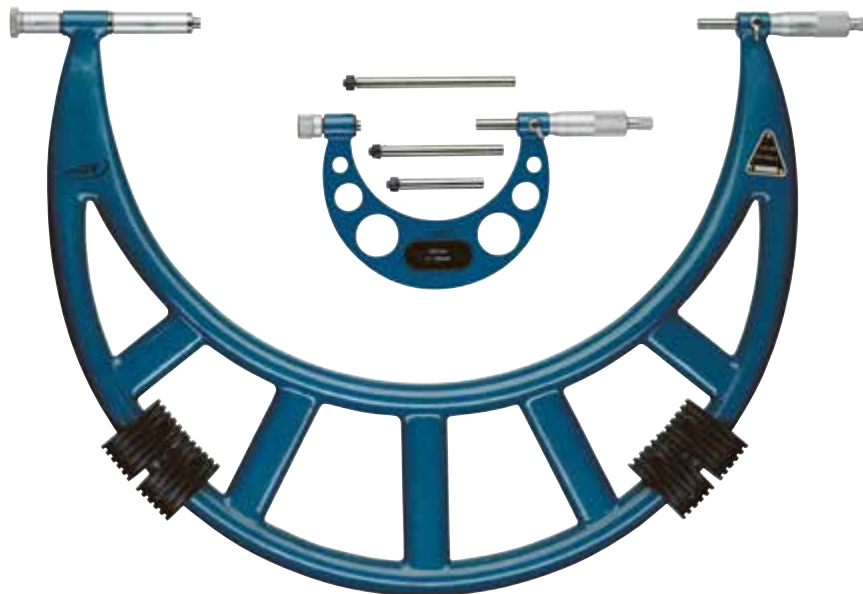
0817 Replacement reversible anvil



		Length mm	Ref. No.	List price Euro
	Exchangeable for all measuring ranges	50	0817 910	151.00



0819 External micrometers with interchangeable inserts



Specification

- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Coated malleable cast iron frame* or coated light alloy frame with interchangeable anvil parts

Shipment

- Includes a setting gauge
- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 100	8	20	0.5	0819 501*	170.00
		0 - 150	8	20	0.5	0819 502*	190.00
		100 - 200	8	20	0.5	0819 503*	210.00
		150 - 350	8	20	0.5	0819 505*	240.00
		200 - 300	8	20	0.5	0819 510*	230.00
		300 - 400	8	24	0.5	0819 511	290.00
		400 - 500	8	24	0.5	0819 512	330.00
		500 - 600	8	24	0.5	0819 513	380.00
		600 - 700	8	24	0.5	0819 514	470.00
	▪	700 - 800	8	24	0.5	0819 515	540.00
	▪	800 - 900	8	24	0.5	0819 516	620.00
	▪	900 - 1000	8	24	0.5	0819 517	700.00
	▪	1000 - 1200	8	24	1.0	0819 519	1,300.00
	▪	1200 - 1400	8	24	1.0	0819 521	1,400.00
	▪	1400 - 1600	8	24	1.0	0819 523	1,650.00
	▪	1600 - 1800	8	24	1.0	0819 525	1,895.00
	▪	1800 - 2000	8	24	1.0	0819 527	2,180.00



0912 Digital micrometers



Specification

- Protection class IP54
- Reading: 0.001 mm / .00005 inch
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Factory standard

Electronic functions

- ON/OFF switch
- Automatic OFF
- Zero setting at any position
- mm/inch conversion

Shipment

- From measuring range 25 mm upwards includes a setting gauges
- Plastic case

		Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
		mm	inch				
		0 - 25	0 - 1	6.5	0.5	0912 501	75.00
		25 - 50	1 - 2	6.5	0.5	0912 502	85.00
		50 - 75	2 - 3	6.5	0.5	0912 503	97.00
		75 - 100	3 - 4	6.5	0.5	0912 504	111.00
		100 - 125	4 - 5	6.5	0.5	0912 505	122.00
		125 - 150	5 - 6	6.5	0.5	0912 506	134.00
		150 - 175	6 - 7	6.5	0.5	0912 507	144.00
		175 - 200	7 - 8	6.5	0.5	0912 508	155.00

Accessories

Battery 1,5V, type 357

Ref. No.

0220 204

List price Euro

3.10

0912 Set of digital micrometers



Shipment

- Includes 4 micrometers
- Incl. setting gauges 25/50/75 mm
- Wooden case

		Measuring range mm	Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 100	6.5	0.5	0912 521	401.00



1865 Digital micrometers



Specification

- DIN 863-1
- Reading: 0.001 mm/
.00005 inch
- LCD display 7.5 mm
- Locking lever
- Rapid drive
- Carbide measuring faces
- Thermally insulated

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Absolute/Relative measurement
- Variable data output
RS 232 + Digimatic + USB
- PRESET Function (setting a numerical value)

Shipment

- From measuring range
25 mm upwards includes
a setting gauge
- Plastic case

		Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
		mm	inch				
		0 - 25	0 - 1	6.5	0.635	1865 510	181.00
		25 - 50	1 - 2	6.5	0.635	1865 513	234.00
		50 - 75	2 - 3	6.5	0.635	1865 517	321.00
		75 - 100	3 - 4	6.5	0.635	1865 520	370.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
Cable for USB, incl. software	1998 720	66.00
Cable for RS 232	1997 501	46.20
Cable for Digimatic	1998 501	59.00

0932 DIGI-MET® External micrometers



2

Specification

- Factory standard direction
- Selectable resolution 0.01 mm / 0.001 mm;
- 0.0005 inch / 0.00005 inch
- LCD display 6 mm
- Positive counting
- Non-rotating spindle
- Linear measuring system
- Locking lever*
- Carbide measuring faces dia. 8 mm
- Thermally insulated
- Ratchet stop

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Max/Min value memory
- Enter tolerance value
- Hold Function
- PRESET Function (setting a numerical value)

Shipment

- Wooden case

		Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
		mm	inch				
		0 - 25	0 - 1	8	1	0932 701*	455.00
		25 - 50	1 - 2	8	1	0932 702*	530.00
		50 - 75	2 - 3	8	1	0932 703*	600.00
		75 - 100	3 - 4	8	1	0932 704*	650.00
		100 - 125	4 - 5	8	1	0932 705*	700.00
		125 - 150	5 - 6	8	1	0932 706*	750.00
		150 - 175	6 - 7	8	1	0932 707*	800.00
		175 - 200	7 - 8	8	1	0932 708*	900.00
With lifter - retraction stroke 1.5 mm							
		0 - 25	0 - 1	8	1	0932 731	580.00
		25 - 50	1 - 2	8	1	0932 732	600.00
		50 - 75	2 - 3	8	1	0932 733	650.00
		75 - 100	3 - 4	8	1	0932 734	700.00

Accessories

	Ref. No.	List price Euro
Battery 3V-Lithium, CR 2032	0220 704	3.60
Cable Opto RS 232	0996 701	71.00
Cable Opto for USB	0996 705	136.00
USB-keyboard interface cable Opto RS 232	0997 770	232.00



0849 Precision dial micrometers



**DIN
863-3**



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 μ m
- Reading parts are satin chrome finished
- Retraction stroke 1.5 mm
- Spindle made of hardened stainless steel
- Constant measuring force
- Locking lever
- Carbide measuring faces
- Thermally insulated
- Adjustable tolerance markers

Shipment

- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	7.5	17.5	0.5	0849 501	680.00
		25 - 50	7.5	17.5	0.5	0849 502	809.00

0850 Precision dial micrometers



**DIN
863-3**



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 μ m
- Reading parts are satin chrome finished
- Retraction stroke 1.2 mm
- Locking lever
- Carbide measuring faces
- Constant measuring force
- Thermally insulated
- Spindle made of hardened stainless steel
- Adjustable tolerance markers

Shipment

- Incl. dial comparator gauge, reading 0.001 mm
- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	7.5	17.5	0.5	0850 511	538.00
		25 - 50	7.5	17.5	0.5	0850 512	597.00
		50 - 100	7.5	17.5	0.5	0850 514	634.00
		100 - 150	7.5	17.5	0.5	0850 516	678.00
		150 - 200	7.5	17.5	0.5	0850 518	709.00



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0822 Disc micrometers



Specification

- Factory standard
- Reading: 0.01 mm
- Carbide measuring faces
- Ratchet stop
- Disc dia. 60 mm
- Malleable cast iron frame, lacquered

Shipment

- Wooden case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Frame depth 50 mm							
		0 - 15	6.5	20	1	0822 301	88.00
		0 - 25	6.5	20	1	0822 302	133.00
		0 - 50	6.5	20	1	0822 303	244.00
Frame depth 100 mm							
		0 - 50	6.5	20	1	0822 304	400.00

0824 Micrometers for tube wall measurement



**DIN
863-3**

Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Ratchet stop
- Hardened measuring faces
- Malleable cast iron frame, lacquered

Shipment

- Cardboard box

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Ball dia. 2.5 mm							
		0 - 15	6.5	20	0.5	0824 302	167.00
Ball dia. 6.5 mm							
		0 - 25	6.5	20	0.5	0824 303	169.00



0854 Blade micrometers



**DIN
863-3**



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Ratchet stop
- Thermally insulated
- Hardened spindle and anvil
- Coated steel frame

Shipment

- From measuring range 25 - 50 mm upwards includes a setting gauge
- Plastic case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 0.8 x 7 mm							
		0 - 25	8.0	17.5	0.5	0854 301	238.00
		25 - 50	8.0	17.5	0.5	0854 302	288.00
		50 - 75	8.0	17.5	0.5	0854 303	309.00
		75 - 100	8.0	17.5	0.5	0854 304	335.00

0855 Micrometers with reduced measuring faces



**DIN
863-3**



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Hardened spindle and anvil
- Coated steel frame

Shipment

- From measuring range 25 - 50 mm upwards includes a setting gauge
- Plastic case

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 3 mm, length 8.5 mm							
		0 - 25	6.5	17.5	0.5	0855 301	171.00
		25 - 50	6.5	17.5	0.5	0855 302	210.00
		50 - 75	6.5	17.5	0.5	0855 303	238.00
		75 - 100	6.5	17.5	0.5	0855 304	251.00

0898 Setting gauges for micrometers



Specification

- Rod
- Special steel, aged
- Hardened measuring faces
- Tolerance zone js2
- Thermally insulated
- Parallel lapped measuring faces

		Measuring range mm	Measuring faces dia. mm	Ref. No.	List price Euro
		25	6.5	0898 101	10.50
		50	6.5	0898 102	17.60
		75	6.5	0898 103	20.90
		100	6.5	0898 104	23.90
		125	6.5	0898 105	27.60
		150	6.5	0898 106	39.10
		175	6.5	0898 107	43.70
		200	6.5	0898 108	48.30
		225	6.5	0898 109	53.00
		250	6.5	0898 110	58.00
		275	6.5	0898 111	62.00
		300	10.0	0898 112	77.00
		325	10.0	0898 113	83.00
		350	10.0	0898 114	89.00
		375	10.0	0898 115	94.00
		400	10.0	0898 116	101.00
		425	10.0	0898 117	107.00
		450	10.0	0898 118	113.00
		475	10.0	0898 119	118.00
		500	10.0	0898 120	125.00
		525	10.0	0898 121	131.00
		550	10.0	0898 122	138.00
		575	10.0	0898 123	144.00
		600	10.0	0898 124	151.00
		625	10.0	0898 125	158.00
		650	10.0	0898 126	164.00
		675	10.0	0898 127	170.00
		700	10.0	0898 128	177.00
		725	10.0	0898 129	184.00
		750	10.0	0898 130	191.00
		775	10.0	0898 131	197.00
		800	10.0	0898 132	204.00
		825	10.0	0898 133	209.00
		850	10.0	0898 134	216.00
		875	10.0	0898 135	223.00
		900	10.0	0898 136	230.00
		925	10.0	0898 137	236.00
		950	10.0	0898 138	243.00
		975	10.0	0898 139	250.00
		1000	10.0	0898 140	256.00
	▪	1050	10.0	0898 142	268.00
	▪	1150	10.0	0898 146	294.00
	▪	1250	10.0	0898 150	322.00
	▪	1350	10.0	0898 154	347.00
	▪	1450	10.0	0898 158	374.00
	▪	1550	10.0	0898 162	600.00
	▪	1650	10.0	0898 166	629.00
	▪	1750	10.0	0898 170	658.00
	▪	1850	10.0	0898 174	687.00
	▪	1950	10.0	0898 178	715.00



0870 Precision micrometers for thread flank measurement



**DIN
863-3**



Specification

- DIN 863-3
- Reading 0.01 mm
- Reading parts are satin chrome finished
- Locking ring
- Ratchet stop
- Thermally insulated
- Spheroid ductile iron frame, lacquered

Shipment

- Wooden case
- Thread flank inserts and setting standards must be ordered separately.

✕	✕	Measuring range mm	Spindle adjustment mm	Thimble dia. mm	Pitch mm	Maximum error mm	Required length of setting standard mm	Ref. No.	List price Euro
For inserts with shank dimensions, dia. 3.5 x 13.5 mm									
		0 - 25	25	20	0.5	3	—	0870 301	284.00
		25 - 50	25	20	0.5	3	25	0870 302	296.00
		50 - 75	25	20	0.5	4	50	0870 303	319.00
		75 - 100	25	20	0.5	4	75	0870 304	348.00
		100 - 125	25	20	0.5	4	100	0870 305	381.00
		125 - 150	25	20	0.5	4	125	0870 306	415.00
		150 - 200	50	20	0.5	5	175	0870 307	591.00
		200 - 250	50	20	0.5	5	225	0870 309	646.00
		250 - 300	50	20	0.5	5	275	0870 311	710.00

0870 Thread flank inserts for external measurement



Specification

- Made of hardened special steel and finely grinded
- Every insert is inscribed with the pitch details
- In a set (V-anvil + tapered anvil)
- Shank dimensions: 3.5 x 13.5 mm

		Flank angle	Applicable for UNC, UNF 60°	Pitch mm	Pitch range TPI mm	Ref. No.	List price Euro
Metric ISO - threads							
		60°	72 - 48	0.35 - 0.5		0870 901	107.00
		60°	44 - 32	0.6 - 0.8		0870 903	92.00
		60°	28 - 18	0.9 - 1.25		0870 905	92.00
		60°	16 - 11	1.5 - 2		0870 907	92.00
		60°	10 - 7	2.5 - 3.5		0870 909	92.00
		60°	6 - 4	4 - 6		0870 911	107.00
Whitworth - threads							
		55°			60 - 48	0870 921	116.00
		55°			40 - 32	0870 923	101.00
		55°			28 - 22	0870 925	101.00
		55°			20 - 16	0870 927	101.00
		55°			14 - 11	0870 929	101.00
		55°			10 - 7	0870 931	101.00
		55°			6 - 4	0870 933	116.00
Metric ISO - Trapezoid threads (DIN 103)							
		30°		1.5		0870 941	274.00
		30°		2		0870 943	199.00
		30°		3		0870 945	175.00
		30°		4		0870 947	175.00
		30°		5 - 6		0870 949	175.00
		30°		7 - 8		0870 951	175.00
		30°		9 - 10		0870 953	199.00
		30°		12 - 14		0870 955	274.00



0870 Thread flank setting gauges for external measurement



Specification

- Measuring faces made of hardened special steel
- One end is rounded, the lapped bore simplifies the fitting upon the conical insert
- Thermally insulated handle

- **Note:**
With trapezoid threads, every pitch requires a separate setting standard

		Length	Maximum error $\pm \mu\text{m}$	Available for the following pitches mm	Ref. No.	List price Euro
Metric ISO - threads 60°						
		25	3		0870 801	67.00
		50	3		0870 802	68.00
		75	3		0870 803	69.00
		100	4		0870 804	70.00
		125	4		0870 805	71.00
		175	4		0870 807	79.00
		225	4		0870 809	89.00
		275	4		0870 811	98.00
Whitworth - threads 55°						
		25	3		0870 821	67.00
		50	3		0870 822	68.00
		75	3		0870 823	69.00
		100	4		0870 824	74.00
		125	4		0870 825	75.00
		175	4		0870 827	86.00
		225	4		0870 829	99.00
		275	4		0870 831	113.00
Metric ISO - Trapezoid threads 30° (DIN 103)						
		25	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 841*	147.00
		50	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 842*	151.00
		75	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 843*	155.00
		100	5	3 / 4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 844*	162.00
		125	5	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 845*	175.00
		175	5	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 847*	209.00
		225	5	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 849*	255.00
		275	5	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 851*	312.00

* When ordering the respective pitch must be specified





0864 Disc micrometers to measure gear tooth



**DIN
863-3**



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Modul 0.8 - 6
- Ratchet stop
- Hardened measuring faces
- Locking ring
- Friction coupling
- Thermally insulated

Shipment

- Wooden case

		Measuring range mm	Disc dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	25.0	20.0	0.5	0864 321	305.00
		25 - 50	25.0	20.0	0.5	0864 322	366.00
		50 - 75	25.0	20.0	0.5	0864 323	397.00
		75 - 100	25.0	20.0	0.5	0864 324	430.00
		100 - 125	25.0	20.0	0.5	0864 325	465.00
		125 - 150	25.0	20.0	0.5	0864 326	498.00
		150 - 175	25.0	20.0	0.5	0864 327	535.00
		175 - 200	25.0	20.0	0.5	0864 328	572.00

0933 DIGI-MET® Disc micrometers to measure gear tooth



OPTO



Specification

- Factory standard
- Selectable resolution 0.01 mm / 0.001 mm; 0.0005 inch / 0.00005 inch
- Non-rotating spindle
- Linear measuring system
- Locking lever
- Thermally insulated
- Ratchet stop

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Enter tolerance value

Shipment

- Wooden case

		Measuring range mm	inch	Module	Spindle dia. mm	Disc dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 25	0 - 1	0.4	8	25	1	0933 701	750.00
		25 - 50	1 - 2	0.4	8	25	1	0933 702	825.00
		50 - 75	2 - 3	0.4	8	25	1	0933 703	875.00
		75 - 100	3 - 4	0.4	8	25	1	0933 704	925.00
		100 - 125	4 - 5	0.6	8	30	1	0933 705	975.00
		125 - 150	5 - 6	0.6	8	30	1	0933 706	1,025.00
		150 - 175	6 - 7	0.6	8	30	1	0933 707	1,075.00
		175 - 200	7 - 8	0.6	8	30	1	0933 708	1,150.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
Cable for Opto to RS 232	0996 701	71.00
Cable for Opto to USB	0996 705	136.00
USB-keyboard interface cable Opto RS 232	0997 770	232.00



0890 Wire thickness micrometer



Specification

- Factory standard
- Reading: 0.01 mm
- Readings parts are satin chrome finished
- Ratchet stop
- Carbide measuring faces

Shipment

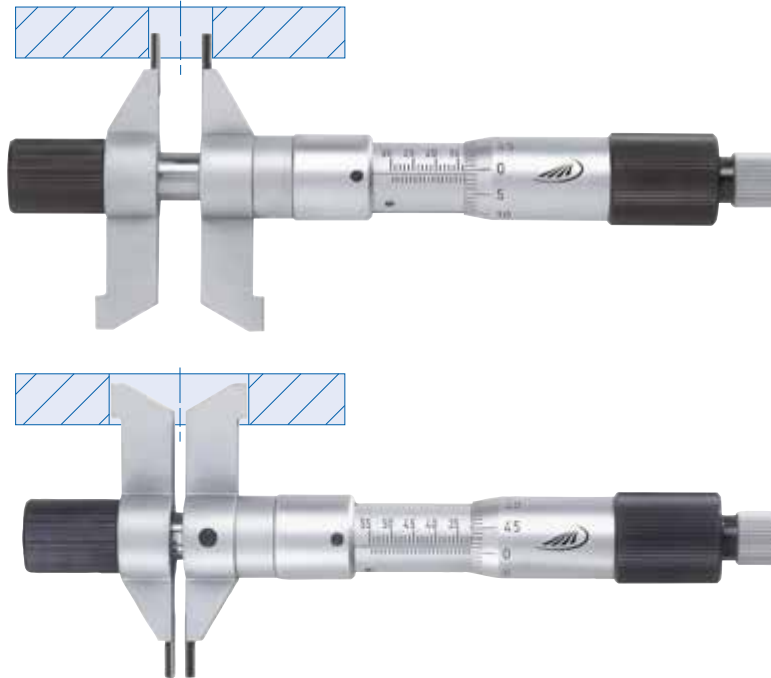
- Cardboard box

		Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		0 - 10	6	18	0.5	0890 511	64.00

0884 Internal micrometer with measuring jaws



**DIN
863-4**



Specification

- DIN 863-4
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Forward friction coupling
- Cylindrical carbide tipped measuring faces
- Measuring jaws on both sides (Measuring ranges 5-30 mm, 30-55 mm)
- **Divisions on both sides**

Shipment

- Wooden case

		Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		5 - 55	20	0.5	0884 501	764.00

0885 Internal micrometers with measuring jaws



Specification

- Factory standard
- Reading: 0.01 mm
- Readings parts and body are satin chrome finished
- Ratchet stop
- Carbide measuring faces
- Cylindrical* carbide tipped measuring faces

Shipment

- Plastic case

		Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		5 - 30	17	0.5	0885 501*	169.00
		25 - 50	17	0.5	0885 502	188.00
		50 - 75	17	0.5	0885 503	196.00
		75 - 100	17	0.5	0885 504	236.00
		100 - 125	17	0.5	0885 505	299.00
		125 - 150	17	0.5	0885 506	346.00
		150 - 175	17	0.5	0885 507	440.00
		175 - 200	17	0.5	0885 508	499.00



0888 Internal micrometers cylindrical version



Specification

- DIN 863-4
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Carbide measuring faces dia. 6 mm, spherical lapped
- From measuring range 100 - 125 mm with thermal insulation
- From measuring range 100 - 125 mm with locking ring

Shipment

- Wooden case

**DIN
863-4**

✂	✂	Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		25 - 30	15	0.5	0888 501	148.00
		30 - 35	15	0.5	0888 502	148.00
		35 - 50	15	0.5	0888 503	148.00
		50 - 75	16	0.5	0888 504	154.00
		75 - 100	17	0.5	0888 505	160.00
		100 - 125	20	0.5	0888 506	178.00
		125 - 150	20	0.5	0888 507	183.00
		150 - 175	20	0.5	0888 508	190.00
		175 - 200	20	0.5	0888 509	196.00
		200 - 225	20	0.5	0888 510	202.00
		225 - 250	20	0.5	0888 511	208.00
		250 - 275	20	0.5	0888 512	216.00
		275 - 300	20	0.5	0888 513	223.00
		300 - 325	20	0.5	0888 514	232.00
		325 - 350	20	0.5	0888 515	238.00
		350 - 375	20	0.5	0888 516	247.00
		375 - 400	20	0.5	0888 517	253.00
		400 - 425	20	0.5	0888 518	263.00
		425 - 450	20	0.5	0888 519	270.00
		450 - 475	20	0.5	0888 520	277.00
		475 - 500	20	0.5	0888 521	284.00

0888 Holder for internal micrometers



Specification

- Ideal for all internal micrometers from series 0888 / 0892
- Length 200 mm



✂	✂	Ref. No.	List price Euro
		0888 101	47.20



HELIOS • PREISSER

0892 Internal micrometers interchangeable extensions



DIN
863-4

Specification

- DIN 863-4
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Threaded extension rods with thermally insulated handle
- Carbide measuring faces, spherical lapped

Shipment

- Wooden case

		Measuring range mm	Extension rods mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
		50 - 150	25 / 50	17	0.5	0892 501	362.00
		50 - 250	25 / 50 / 100	17	0.5	0892 502	444.00
		50 - 450	25 / 50 / 100 / 200	17	0.5	0892 503	547.00
		50 - 850	25 / 50 / 100 / 200 / 400	17	0.5	0892 504	689.00
		50 - 1450	25 / 50 / 100 / 200 / 400 / 600	17	0.5	0892 505	875.00

0892 Extensions for internal micrometers



0892 334

		Length mm	Ref. No.	List price Euro
		25	0892 332	68.00
		50	0892 333	69.00
		100	0892 334	77.00
		200	0892 336	94.00
		400	0892 339	125.00
		600	0892 340	175.00



0894 Precision internal micrometers with extensions



**DIN
863-4**



Specification

- DIN 863-4
- Measuring ends: dia. 7 mm x 6 mm long, carbide tipped, spherical lapped
- Thread pitch 1 mm
- Internal spring mounted rods with thermal protective sleeves
- Extensions greater than 100 mm: external steel tube dia. 17 mm, with thermal insulation
- Extensions 500 and 1000 mm: strengthened specification - steel tube dia. 32 mm for larger measuring ranges
- Basic internal micrometer is adjustable: 50 mm. The spindle is tight, so that during measurement the thimble does not adjust itself.

Shipment

- Wooden case

		Measuring range of the set mm	Maximum error µm	Length of extensions (tube dia. 17 mm) mm	Length of extensions (tube dia. 32 mm) mm	Ref. No.	List price Euro
		100 - 150	4	only micrometer, excludes case	—	0894 504	216.00
		100 - 300	7	50 / 100	—	0894 510	573.00
		100 - 500	9	50 / 100 / 200	—	0894 514	772.00
		100 - 900	11	50 / 100 / 200 / 400	—	0894 518	997.00
		100 - 1300	13	50 / 100 / 200 / 400 / 400	—	0894 522	1,228.00
		100 - 1700	15	50 / 100 / 200 / 400 / 800	—	0894 526	1,264.00
		100 - 2100	18*	50 / 100 / 200 / 400 / 400 / 800	—	0894 530	1,482.00
		100 - 2500	21*	50 / 100 / 200 / 400 / 800 / 800	—	0894 534	1,523.00
		100 - 2000	18*	50 / 100 / 200 / 200	500 / 1 x 1000	0894 538	2,657.00
		100 - 3000	30*	50 / 100 / 200 / 200	500 / 2 x 1000	0894 542	3,466.00
		100 - 4000	40*	50 / 100 / 200 / 200	500 / 3 x 1000	0894 546	4,302.00
	▪	100 - 5000	50*	50 / 100 / 200 / 200	500 / 4 x 1000	0894 550	5,112.00
	▪	100 - 6000	60*	50 / 100 / 200 / 200	500 / 5 x 1000	0894 554	5,921.00

* With the larger measuring ranges we recommend that the ends of the precision internal micrometer to be placed and/or held on 2 points with an approximate distance of 22% of the measuring length, thus minimizing deflection. The error indicated in the table above refers to the maximum deflection of the appropriate set. When smaller dimensions are measured, the error is smaller and corresponds to the error value of the smaller sets.

0894 Individual extensions



		Length mm	Tube dia. mm	Ref. No.	List price Euro
		50	17	0894 804	154.00
		100	17	0894 806	175.00
		200	17	0894 810	190.00
		400	17	0894 820	209.00
		800	17	0894 834	238.00
		500	32	0894 854	781.00
		1000	32	0894 872	810.00

1921 3 point internal micrometers



**DIN
863-4**



2

Specification

- DIN 863-4
- Reading: 0.001 mm*
- Reading: 0.005 mm
- Reading parts are satin chrome finished
- Pitch 0.5 mm
- Carbide tipped measuring pins from measuring range 12 mm
- Ratchet stop
- From measuring range 12 mm for through and blind holes
- Calibration certificate for ring and device

Shipment

- Plastic case
- Incl. setting ring

		Measuring range mm	Meas. depth mm	Thimble mm	Accuracy µm	Setting ring dia. mm	Ref. No.	List price Euro
▪		6 - 8	58	16	4	8	1921 510*	370.00
▪		8 - 10	58	16	4	10	1921 512*	370.00
▪		10 - 12	58	16	4	12	1921 514*	370.00
▪		12 - 16	64	16	4	16	1921 516*	370.00
▪		16 - 20	64	16	4	20	1921 518*	390.00
▪		20 - 25	68	25	4	25	1921 520	400.00
▪		25 - 30	68	25	4	30	1921 522	405.00
▪		30 - 40	76	25	4	40	1921 524	455.00
▪		40 - 50	76	25	4	50	1921 526	455.00
▪		50 - 60	79	25	5	60	1921 528	525.00
▪		60 - 70	79	25	5	70	1921 530	540.00
▪		70 - 85	97	25	5	85	1921 532	555.00
▪		85 - 100	97	25	5	100	1921 534	570.00
▪		100 - 125	132	25	6	125	1921 536	800.00
▪		125 - 150	132	25	6	150	1921 538	945.00
▪		150 - 175	132	25	7	175	1921 540	995.00
▪		175 - 200	132	25	7	200	1921 542	1,050.00



1920 Set of 3 point internal micrometers



**DIN
863-4**



Specification

- DIN 863-4
- Reading: 0.001 mm*
- Reading: 0.005 mm
- Reading parts are satin chrome finished
- Pitch 0.5 mm
- Carbide tipped measuring pins from measuring range 12 mm
- Ratchet stop
- From measuring range 12 mm for through and blind holes
- Certificate for ring and device

Shipment

- Plastic case
- Incl. setting ring

⌂	⌂	Measuring range mm	Thimble mm	Setting ring dia. mm	Ref. No.	List price Euro
▪		6 - 12	16	8 + 10	1920 574*	1,040.00
▪		12 - 20	16	16	1920 576*	730.00
▪		20 - 50	25	25 + 40	1920 578	1,800.00
▪		50 - 100	25	60 + 85	1920 580	2,150.00

1920 Measuring depth extensions for 3 point internal micrometers 1920–1921



Specification

- Suitable for devices 1920 and 1921

⌂	⌂	For measuring range mm	Length mm	Ref. No.	List price Euro
		6 - 12	75	1920 910	85.00
		12 - 20	75	1920 914	90.00
		20 - 50	150	1920 920	95.00
		50 - 100	150	1920 924	115.00



0907 DIGI-MET® 2/3 point internal micrometers



Inclusive!



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- LCD display
- Certificate for setting ring and internal micrometer
- Ratchet stop
- For through holes
- From measuring range 12.5 mm for through and blind holes
- From measuring range 12.5 mm with carbide tipped measuring faces

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table)
 - serial interface RS 232
 - wireless data transfer via bluetooth
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Tolerance function

Shipment

- Wooden case
- With setting ring

		Measuring range mm	Meas. depth mm	Accuracy µm	Setting ring dia. mm	Ref. No. without Bluetooth	List price Euro	Ref. No. Bluetooth	List price Euro
DIGI-MET 2 Point internal micrometer									
▪		2 - 2.5	9	4	2.5	0907 701	1,422.00	0907 801	1,497.00
▪		2.5 - 3	9	4	2.5	0907 702	1,422.00	0907 802	1,497.00
▪		3 - 4	12	4	4.0	0907 703	1,422.00	0907 803	1,497.00
▪		4 - 5	18	4	4.0	0907 704	1,422.00	0907 804	1,497.00
▪		5 - 6	18	4	5.0	0907 705	1,422.00	0907 805	1,497.00
DIGI-MET 3 Point internal micrometer									
▪		6 - 8	58	4	8.0	0907 706	983.00	0907 806	1,058.00
▪		8 - 10	58	4	8.0	0907 707	983.00	0907 807	1,058.00
▪		10 - 12.5	58	4	12.5	0907 708	995.00	0907 808	1,070.00
▪		12.5 - 16	62	4	12.5	0907 709	1,009.00	0907 809	1,084.00
▪		16 - 20	62	4	20.0	0907 710	1,009.00	0907 810	1,084.00
▪		20 - 25	66	4	20.0	0907 711	1,212.00	0907 811	1,287.00
▪		25 - 35	66	4	35.0	0907 712	1,393.00	0907 812	1,468.00
▪		35 - 50	80	4	35.0	0907 713	1,448.00	0907 813	1,523.00
▪		50 - 65	80	5	65.0	0907 714	1,611.00	0907 814	1,686.00
▪		65 - 80	80	5	65.0	0907 715	1,611.00	0907 815	1,686.00
▪		80 - 100	100	5	80.0	0907 716	1,698.00	0907 816	1,773.00
▪		100 - 125	115	6	125.0	0907 717	1,770.00	0907 817	1,845.00
▪		125 - 150	115	6	125.0	0907 718	1,825.00	0907 818	1,900.00
▪		150 - 175	115	7	175.0	0907 719	1,996.00	0907 819	2,071.00
▪		175 - 200	115	7	175.0	0907 720	2,123.00	0907 820	2,198.00
▪		200 - 225	118	8	225.0	0907 721	2,573.00	0907 821	2,648.00
▪		225 - 250	118	8	225.0	0907 722	2,835.00	0907 822	2,910.00
▪		250 - 275	118	9	275.0	0907 723	2,939.00	0907 823	3,014.00
▪		275 - 300	118	9	275.0	0907 724	3,209.00	0907 824	3,284.00

Accessories

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
USB-Keyboard interface cable RS 232 Power	0997 774	283.00
Bluetooth receiver	1998 750	125.00



0907 Set of DIGI-MET® 2/3 point internal micrometers



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- LCD display
- Certificate for setting ring and internal micrometers
- Ratchet stop
- For through holes
- From measuring range 12.5 mm for through and blind holes
- From measuring range 12.5 mm with carbide tipped measuring faces



Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table)
 - serial interface RS 232
 - Power
 - wireless data transfer via bluetooth
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Tolerance function

Shipment

- Wooden case
- With setting rings

		Measuring range mm	Setting ring dia. mm	Ref. No. without Bluetooth	List price Euro	Ref. No. Bluetooth	List price Euro
2 Point internal micrometer							
▪		2 - 6	2.5 / 4.0 / 5.0	0907 751	3,408.00	0907 851	3,483.00
3 Point internal micrometer							
▪		6 - 10	8.0	0907 753	1,359.00	0907 853	1,434.00
▪		10 - 20	12.5 / 20.0	0907 755	1,644.00	0907 855	1,719.00
▪		20 - 50	20.0 / 35.0	0907 757	2,266.00	0907 857	2,341.00
▪		50 - 100	65.0 / 80.0	0907 759	2,519.00	0907 859	2,594.00
▪		100 - 150	125.0	0907 761	2,114.00	0907 861	2,189.00
▪		150 - 200	125.0	0907 763	2,826.00	0907 863	2,901.00
▪		100 - 200	125.0 / 175.0	0907 775	4,437.00	0907 875	4,512.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
USB-Keyboard interface cable RS 232 Power	0997 774	283.00
Bluetooth receiver	1998 750	125.00

Measuring depth extensions for 2/3 point internal micrometers 0907-0908



Specification

- Suitable for gauges 0907 and 0908



		Measuring range mm	Length mm	Ref. No.	List price Euro
▪		6 - 10	63	0909 506	78.00
▪		10 - 12.5	76	0909 508	78.00
▪		12.5 - 20	100	0909 509	78.00
▪		20 - 50	150	0909 511	114.00
▪		50 - 300	150	0909 514	134.00



0908 DIGI-MET® 2/3 point internal micrometer



Inclusive!

Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- With pistol grip
- From measuring range 12.5 mm with carbide tipped measuring faces
- Rotateable LCD display
- For through holes
- Certificate for setting ring and micrometer
- From measuring range 12.5 mm for through and blind holes

Shipment

- Wooden case
- With setting ring



Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table)
 - serial interface RS 232
 - wireless data transfer via bluetooth
- MAX/MIN value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Tolerance function

		Measuring range mm	Meas. depth mm	Accuracy µm	Setting ring dia. mm	Ref. No. without Bluetooth	List price Euro	Ref. No. Bluetooth	List price Euro
DIGI-MET 2 Point instant internal micrometer									
▪		2 - 2.5	9	4	2.5	0908 701	1,640.00	0908 801	1,715.00
▪		2.5 - 3	9	4	2.5	0908 702	1,640.00	0908 802	1,715.00
▪		3 - 4	12	4	4.0	0908 703	1,640.00	0908 803	1,715.00
▪		4 - 5	18	4	4.0	0908 704	1,640.00	0908 804	1,715.00
▪		5 - 6	18	4	5.0	0908 705	1,640.00	0908 805	1,715.00
DIGI-MET 3 Point instant internal micrometer									
▪		6 - 8	58	4	8.0	0908 706	1,160.00	0908 806	1,235.00
▪		8 - 10	58	4	8.0	0908 707	1,134.00	0908 807	1,209.00
▪		10 - 12.5	58	4	12.5	0908 708	1,197.00	0908 808	1,272.00
▪		12.5 - 16	62	4	12.5	0908 709	1,214.00	0908 809	1,289.00
▪		16 - 20	62	4	20.0	0908 710	1,287.00	0908 810	1,362.00
▪		20 - 25	66	4	20.0	0908 711	1,374.00	0908 811	1,449.00
▪		25 - 35	66	4	35.0	0908 712	1,491.00	0908 812	1,566.00
▪		35 - 50	80	4	35.0	0908 713	1,523.00	0908 813	1,598.00
▪		50 - 65	80	5	65.0	0908 714	1,568.00	0908 814	1,643.00
▪		65 - 80	80	5	65.0	0908 715	1,568.00	0908 815	1,643.00
▪		80 - 100	100	5	80.0	0908 716	1,672.00	0908 816	1,747.00
▪		100 - 125	115	6	125.0	0908 717	1,749.00	0908 817	1,824.00
▪		125 - 150	115	6	125.0	0908 718	1,855.00	0908 818	1,930.00
▪		150 - 175	115	7	175.0	0908 719	1,962.00	0908 819	2,037.00
▪		175 - 200	115	7	175.0	0908 720	2,051.00	0908 820	2,126.00
▪		200 - 225	118	8	225.0	0908 721	2,698.00	0908 821	2,773.00
▪		225 - 250	118	8	225.0	0908 722	2,976.00	0908 822	3,051.00
▪		250 - 275	118	9	275.0	0908 723	3,084.00	0908 823	3,159.00
▪		275 - 300	118	9	275.0	0908 724	3,404.00	0908 824	3,479.00

Accessories

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
USB-Keyboard interface cable RS 232 Power	0997 774	283.00
Bluetooth receiver	1998 750	125.00



0908 Set of DIGI-MET® 2/3 point internal micrometers



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- With pistol grip
- From measuring range 12.5 mm with carbide tipped measuring faces
- Rotateable LCD display
- Certificate for setting ring and micrometer
- For through holes
- From measuring range 12.5 mm for through and blind holes



Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table) - serial interface RS 232 Power - wireless data transfer via bluetooth
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Tolerance function

Shipment

- Wooden case
- With setting rings
- Calibration according to table

		Measuring range		Setting ring dia. mm	Ref. No. without Bluetooth	List price Euro	Ref.No.  Bluetooth	List price Euro
		mm	inch					
2 Point instant internal micrometer								
▪		2 - 6	.080 - .250	2.5 / 4.0 / 5.0	0908 751	3,749.00	0908 851	3,824.00
3 Point instant internal micrometer								
▪		6 - 10	¹ / ₄ - ³ / ₈	8.0	0908 753	1,407.00	0908 853	1,482.00
▪		10 - 20	³ / ₈ - ³ / ₄	12.5 / 20.0	0908 755	1,662.00	0908 855	1,737.00
▪		20 - 50	³ / ₄ - 2	20.0 / 35.0	0908 757	2,177.00	0908 857	2,252.00
▪		20 - 100	³ / ₄ - 4	20.0 / 35.0 / 65.0 / 80.0	0908 773	3,613.00	0908 873	3,688.00
▪		50 - 100	2 - 4	65.0 / 80.0	0908 759	2,438.00	0908 859	2,513.00
▪		100 - 150	4 - 6	125.0	0908 761	2,177.00	0908 861	2,252.00
▪		150 - 200	6 - 8	175.0	0908 763	2,909.00	0908 863	2,984.00
▪		100 - 200	4 - 8	125.0 / 175.0	0908 775	4,607.00	0908 875	4,682.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.60
USB-Keyboard interface cable RS 232 Power	0997 774	283.00
Bluetooth receiver	1998 750	125.00

Measuring depth extensions for 2/3 point internal micrometers 0907-0908



Specification

- Suitable for all internal micrometers from series 0907 and 0908

		Measuring range		Length mm	Ref. No.	List price Euro
		mm	mm			
▪		6 - 10		63	0909 506	78.00
▪		10 - 12.5		76	0909 508	78.00
▪		12.5 - 20		100	0909 509	78.00
▪		20 - 50		150	0909 511	114.00
▪		50 - 300		150	0909 514	134.00

0882 Depth micrometers



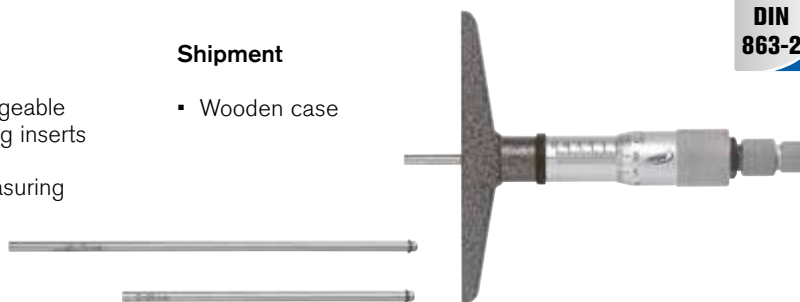
Specification

- DIN 863-2
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Locking ring
- Friction coupling

- With interchangeable steel measuring inserts dia. 4 mm
- Hardened measuring faces

Shipment

- Wooden case



**DIN
863-2**

		Measuring range mm	Length of base mm	Thimble dia. mm	No. of measuring inserts	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 0.8, length 8.5 mm								
		0 - 50	50	20	2	0.5	0882 300	253.00
		0 - 75	50	20	3	0.5	0882 301	275.00
		0 - 100	100	20	4	0.5	0882 303	302.00
		0 - 150	100	20	6	0.5	0882 304	354.00
		0 - 300	100	20	12	0.5	0882 306	570.00

0886 Micrometers heads



0886 503



0886 507

Specification

- DIN 863-2
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Carbide measuring faces

Shipment

- Plastic case

**DIN
863-2**

		Measuring range mm	Spindle dia.	Thimble dia. mm	Specification	Ref. No.	List price Euro
		0 - 6.5	3.5	9.5	without ratchet stop	0886 503	22.50
		0 - 13	6.5	13.5	without ratchet stop	0886 505	26.00
		0 - 25	6.5	18	with ratchet stop	0886 507	22.50
		0 - 25	8.0	18	with ratchet stop, non-rotating spindle	0886 513	40.00