



HELIOS · PREISSER

THE TRADE SPECIALISTS



METROLOGY CATALOGUE

2023 / 2024

valid from 01.07. 2023 to 30.06.2024

METROLOGY CATALOGUE 2023 / 2024



Calipers



Dial gauges and Indicators



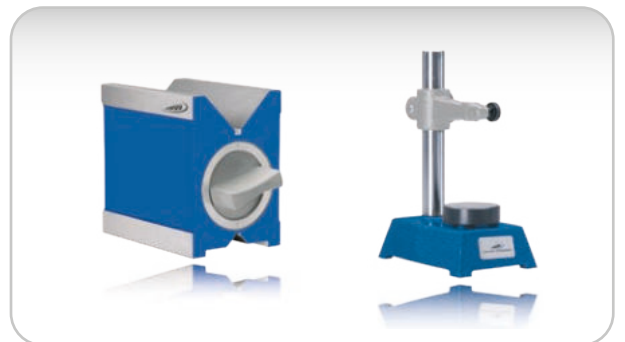
Micrometers



Bench centres



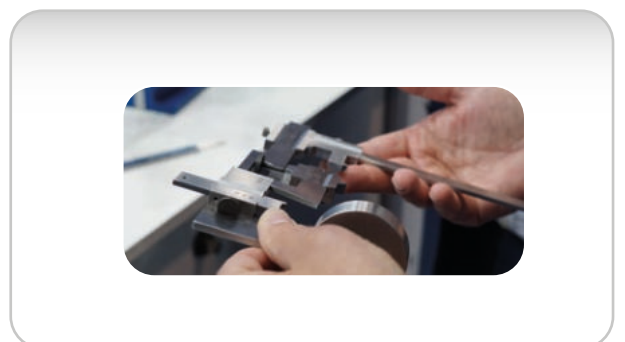
Plug gauges and
Feeler gauge tapes



Inspection equipment



DIN & Locksmith squares



Custom-made products



0184 Pocket vernier calipers



ISO
13385



Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

Delivery

- Imitation leather case

✕	📏	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
		mm	inch	mm	inch	mm	inch	mm			EUR
With thumb clamp											
		0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0184 501	29.40
		0 - 200	0 - 8	50	1.6	0.05	1/128	0.05	rectangular	0184 505	38.90
		0 - 300	0 - 12	60	2.0	0.05	1/128	0.05	none	0184 508	58.00

0185 Pocket vernier calipers



ISO
13385



Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

Delivery

- Imitation leather case

✕	📏	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
		mm	inch	mm	inch	mm	inch	mm			EUR
With locking screw											
		0 - 100	0 - 4	30	1.2	0.05	-	0.05	rectangular	0185 500	22.60
		0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0185 501	29.40
		0 - 200	0 - 8	50	2.0	0.05	1/128	0.05	rectangular	0185 505	38.90
		0 - 300	0 - 12	60	2.4	0.05	1/128	0.05	none	0185 508	58.00
With reading 0.02 mm											
		0 - 150	0 - 6	40	1.6	0.02	0.001	0.03	rectangular	0185 50105	29.40
		0 - 200	0 - 8	50	2.0	0.02	0.001	0.03	rectangular	0185 50505	38.90



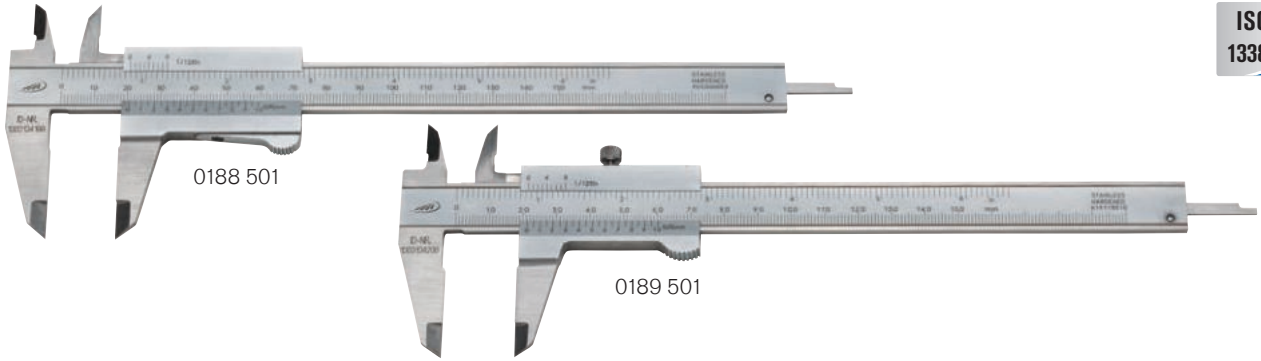
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0188 / 0189 Pocket vernier calipers



ISO
13385



1

Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

Delivery

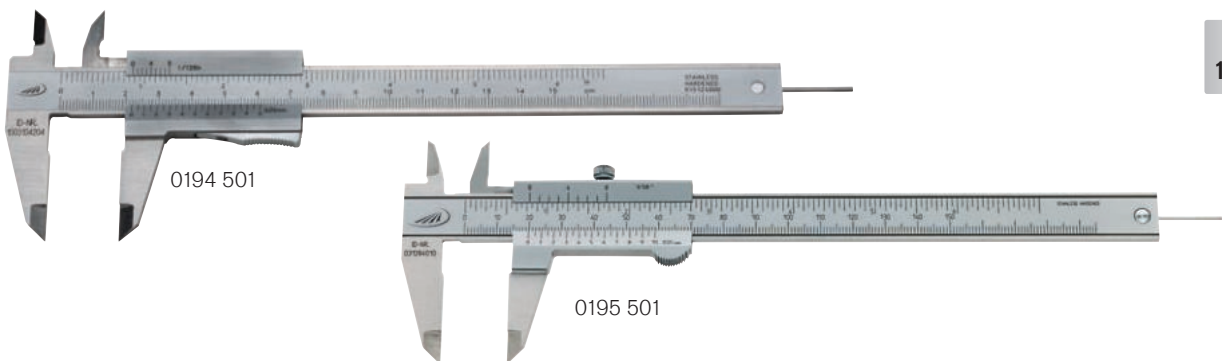
- Imitation leather case

Icon	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
With thumb clamp	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0188 501	26.00
With locking screw	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0189 501	26.00

0194 / 0195 Pocket vernier calipers with round depth rod



ISO
13385



Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

Delivery

- Imitation leather case

Icon	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
With thumb clamp	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	round 1.6	0194 501	30.50
With locking screw	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	round 1.6	0195 501	30.50



0196 Pocket vernier calipers with reading 0.02 mm



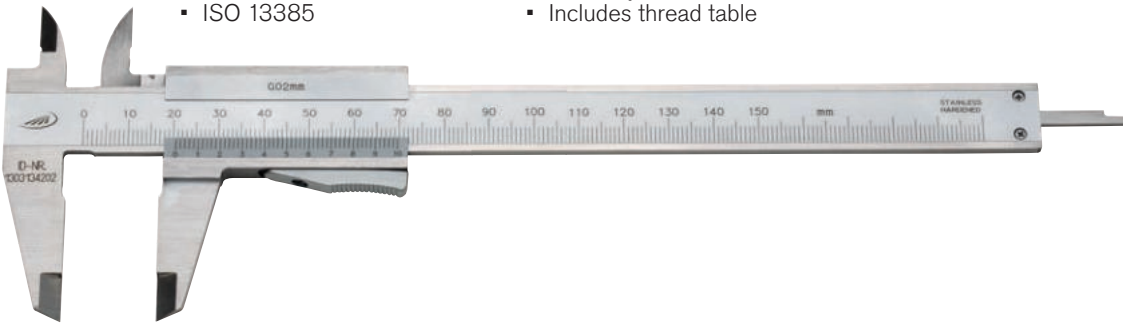
Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

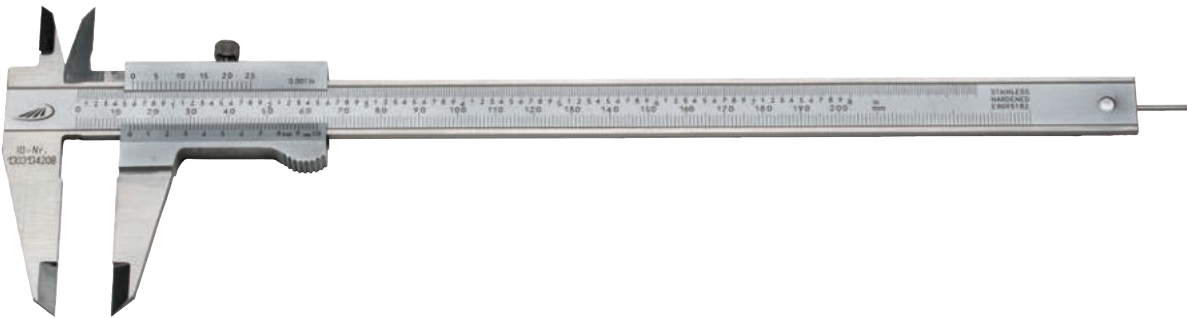
Delivery

- Imitation leather case

ISO
13385



	Measuring range		Jaw length		Reading	Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch					
With thumb clamp	0 - 150	0 - 6	40	1.6	0.02	0.03	rectangular	019650 105	28.30



	Measuring range		Jaw length		Reading	Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch					
With locking screw	0 - 200	0 - 8	40	2.0	0.02	0.03	round 1.6	019650 516	40.50



	Measuring range		Jaw length		Reading	Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch					
With locking screw	0 - 150	0 - 6	40	1.6	0.02	0.03	rectangular	019650 116	28.30



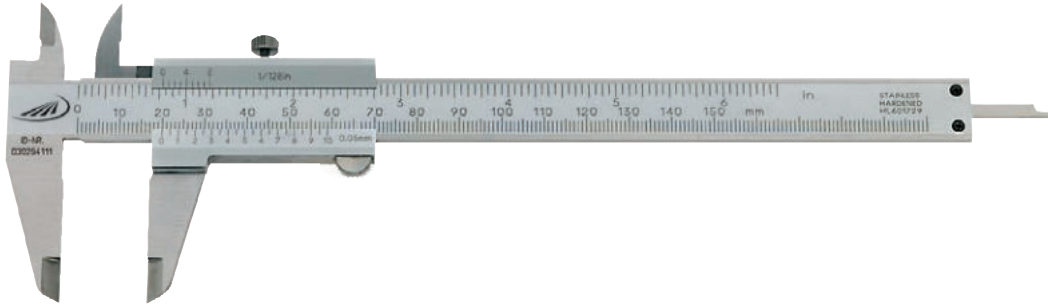
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0197 Pocket vernier calipers SOFT - SLIDE



ISO
13385



1

Model

- Smooth running due to twice lapped guide surface
- Stainless steel
- Reading parts have a satin chrome finish

Delivery

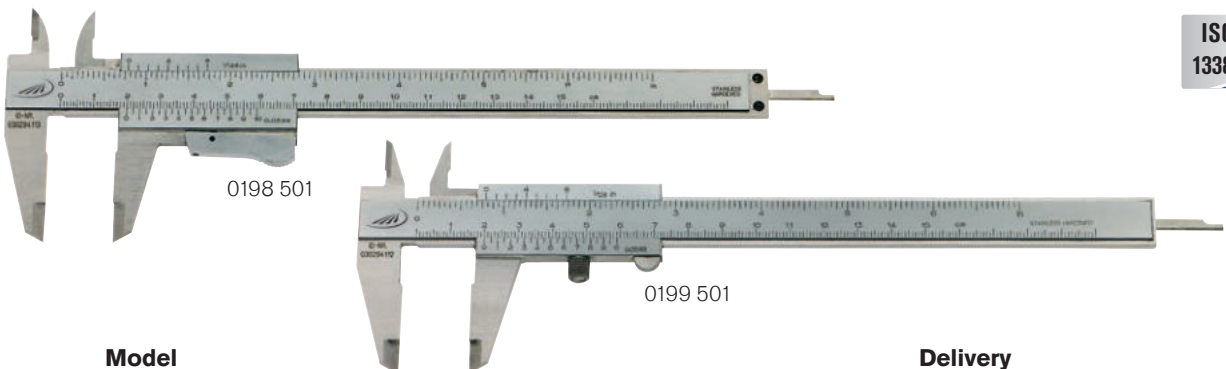
- Imitation leather case

Icon	Measuring range		Jaw length		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch				
	0 - 150	0 - 6	40	1.6	0.05	rectangular	0197 501	37.20
	0 - 200	0 - 8	50	2.0	0.05	rectangular	0197 505	85.00
	0 - 300	0 - 12	60	2.4	0.05	none	0197 508	168.00

0198 / 0199 Pocket vernier calipers with parallax-free reading



ISO
13385



Model

- **Parallax-free reading**
- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385

Delivery

- Imitation leather case

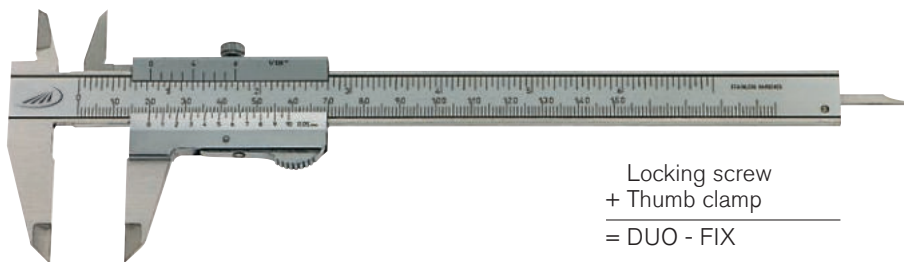
Icon	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
With thumb clamp										
	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0198 501	34.40
With locking screw										
	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0199 501	34.40



0190 Pocket vernier caliper DUO-FIX



ISO
13385



Locking screw
+ Thumb clamp
= DUO - FIX

Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Thumb clamp **and** locking screw
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table

Delivery

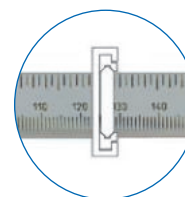
- Imitation leather case

Marked	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0190 501	30.50

0203 Precision pocket vernier caliper PRISMA



ISO
13385



Model

- **Parallax-free reading**
- **Double prisma guide with excellent sliding characteristics**
- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Low-set locking screw
- Inside cross points
- Four way measurement
- Includes thread table

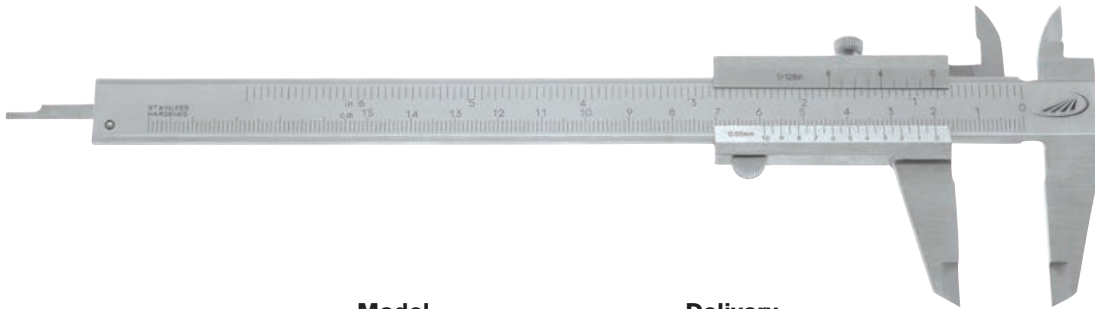
Delivery

- Imitation leather case

Marked	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0203 501	59.00



0182 Pocket vernier caliper for lefthanded



1

Model

- Stainless steel
- Reading parts have a satin chrome finish
- Locking screw
- Factory standard

Delivery

- Imitation leather case

✂	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch	mm			EUR
	0 - 150	0 - 6	40	1.6	0.05	1/128	0.05	rectangular	0182 501	38.90



0180 Pocket caliper



Model

- Made from hard brass
- Factory standard

Delivery

- Cardboard box

	Measuring range		Jaw length		Reading		Order no.	List price
	mm	inch	mm	inch	mm	inch		
☒	0 - 100	0 - 6	25	1.0	0.1	1/16	0180 320	EUR 8.10

0180 Pocket caliper



Model

- Made from hard brass
- Stepped jaw 5 mm for internal measurement
- Factory standard

Delivery

- Cardboard box

	Measuring range		Jaw length		Reading		Order no.	List price
	mm	inch	mm	inch	mm	inch		
☒	0 - 100	0 - 6	25	1.0	0.1	1/16	0180 330	EUR 8.10

0180 Tyre profile depth gauge



Model

- Made from hard brass
- Factory standard

Delivery

- Cardboard box

	Measuring range		Jaw length		Reading		Order no.	List price
	mm	inch	mm	inch	mm	inch		
☒	0 - 30	0 - 1.18	30	1.2	0.1	1/16	0180 310	EUR 5.00

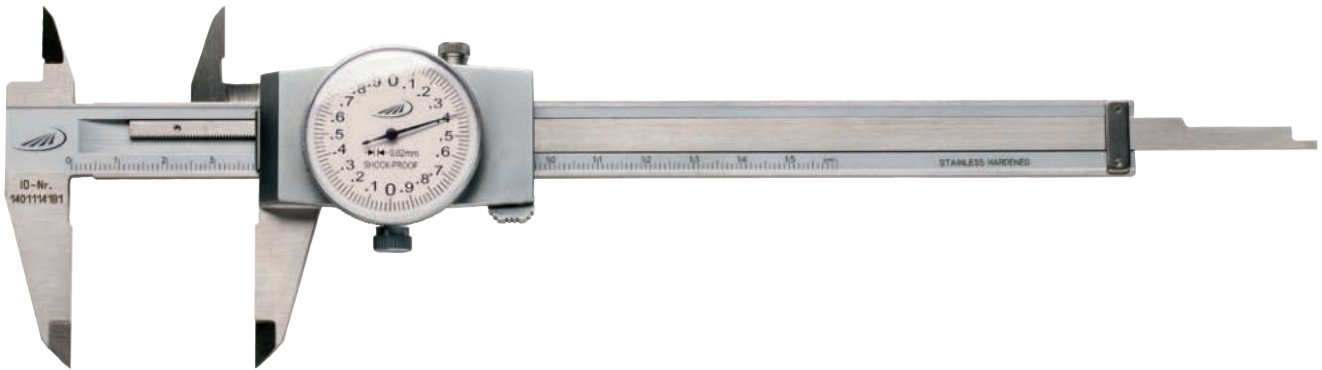


0217 / 0218 Dial calipers



ISO
13385

1



Model

- Stainless steel
- Satin chrome scale
- ISO 13385
- Locking screw
- Inside cross points

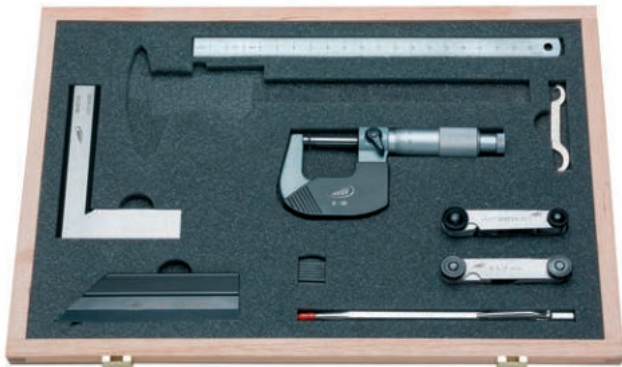
Delivery

- One pointer revolution with 0217 = 2 mm with 0218 = 1 mm
- Four way measurement
- Fitted case

☒	Measuring range		Jaw length		Reading	Error limit	Depth gauge	Order no.	List price EUR
	mm	inch	mm	inch	mm	mm			
▪	0 - 150	0 - 6	40	1.6	0.02	0.03	rectangular	0217 501	76.00
▪	0 - 200	0 - 8	40	1.6	0.02	0.03	rectangular	0217 502	153.00
▪	0 - 150	0 - 6	40	1.6	0.01	0.03	rectangular	0218 501	102.00



0212 Quality measuring tool set, 8 piece



0190 501

Content

- Pocket calipers DUO-FIX
- External micrometer with carbide measuring faces, measuring range 0-25 mm, reading 0.01 mm
- Flexible steel rule, stainless steel, measuring range 200 mm, graduation mm / mm, 13 x 0.5 mm
- Knife square, hardened, DIN 875/00, 100 x 70 mm, with non-glare knife edge
- Knife edge, hardened and ground, DIN 874/00, length 100 mm
- Scriber, carbide tipped, hexagonal handle made of one piece, with pocket clip, length 180 mm
- Radius gauge, special steel, 17 sheets, concave and convex, with locking nut, measuring range 1.0 – 7.0 mm
- Screw pitch gauge, combined metric ISO- and Whitworth thread, 48 blades, increments 0.4 – 7.0 / 4 – 62

▪ Shipment

- Wooden case

	Measuring range mm	Ablesung mm	Ablesung inch	Tiefenmaß mm	Best. Nr.	Listenpreis EUR
Set mit Taschenmessschieber DUO - FIX (0190 501)						
	0 - 150	0.05	1/128	rect.	0212 520	150.00



DIGI-MET® QuickStart Electronic



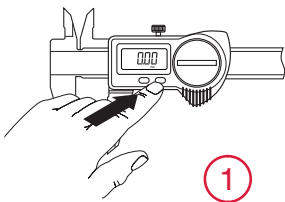
QuickStart-Electronic with the QuickLock-Function for only one zero setting

All digital calipers with the QuickStart-Electronic also have the **QuickLock** Function. Only set the zero position once, zero position remains stored for all further measurements. When the **QuickLock** Function is activated a lock symbol appears in the display, this ensures that the zero position is protected against any operating error caused by accidental usage of the operating keys (keys are locked). The caliper is immediately ready for measurement; once the caliper is switched ON or the slide is moved, the display is automatically activated.

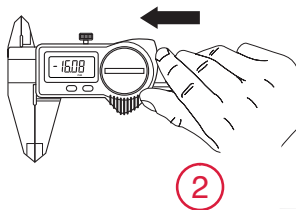
The need to reset to zero as with a conventional caliper once it is switched on is obsolete.

Conventional

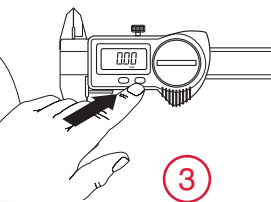
① Switch ON



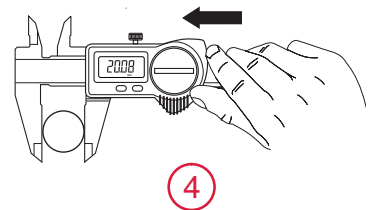
② Close the measuring jaws



③ Set to zero

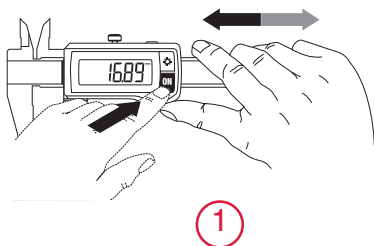


④ Result of measurement



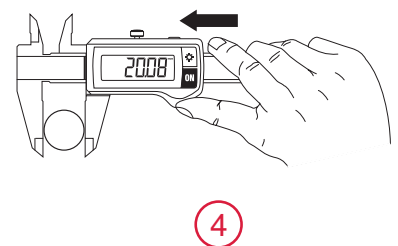
QuickStart Electronic

①



Press the ON key or move the slide

②

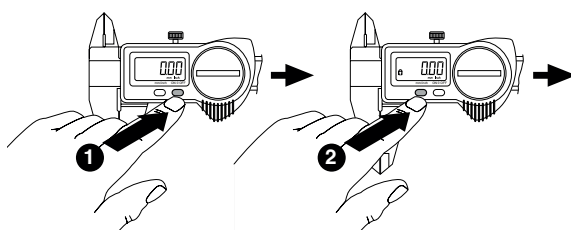


DIGI-MET® QuickLock-Function



1. Set to zero

2. Activate the QuickLock Function



Advantages of the QuickLock Function

- The caliper is immediately ready for measurement
- Lock symbol appears in the display. This ensures that the zero position is protected against any operating error caused by accidental usage of the operating keys (keys are locked)



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1326i DIGI-MET® Pocket calipers IP67 with integrated wireless



1326 41660

integrated IW wireless

Wireless Data Transmission

Model

- Measuring system is insensitive to cooling agents and dust
- Protection class IP67
- Stainless steel
- LCD display 11 mm
- ISO 13385
- Housing and operating keys have an excellent chemical resistance
- Locking screw
- Inside cross points
- Four way measurements

Functions

- ON / OFF
- Quick-Start**
- Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Integrated Wireless

Delivery

- Plastic case



More information on our i-series and Integrated Wireless on page 224

✕	📏	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
		mm	inch	mm	inch	mm	inch	mm			EUR
▪		0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1326 41660	246.00
▪		0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	rectangular	1326 41760	246.00
▪		0 - 200	0 - 8	50	2.0	0.01	.0005	0.03	rectangular	1326 41860	315.00
▪		0 - 300	0 - 12	65	2.5	0.01	.0005	0.04	none	1326 42260	380.00



1998780

Accessories

i-Stick USB-receiver for Integrated Wireless

Order no.

1998 780

List price

EUR

108.00

Integrated Wireless is intended to be sold within the European Economic Area only



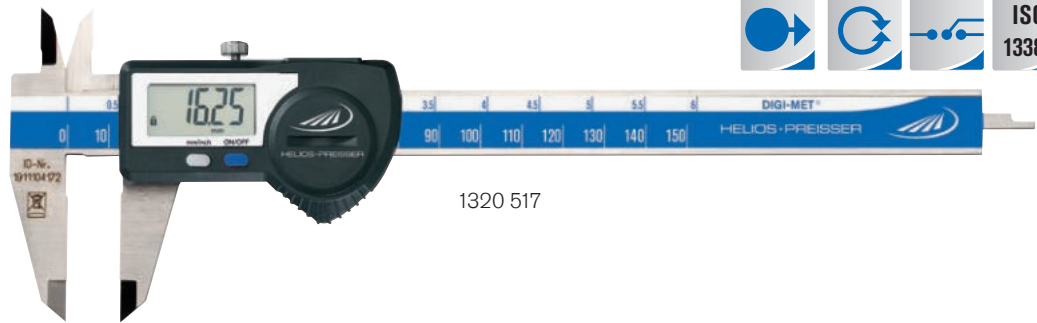
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1320 DIGI-MET® Pocket calipers



1320 416



1320 517



Model

- Inductive measuring system, resistant to moisture and sweat
- Stainless steel
- LCD display 11 mm without data output, 7.5 mm with data output
- ISO 13385
- Locking screw
- Inside cross points

- Four way measurement with measuring ranges 150 and 200 mm
- Three way measurement with measuring range 300 mm

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value 1320 4xx only)
- Variable data output RS 232 + Digimatic + USB (1320 5xx only)

Delivery

- Plastic case

▶	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price EUR
	mm	inch	mm	inch	mm	inch				
Without data output										
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1320 416	130.00
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	rectangular	1320 417	130.00
With DATA VARIABLE										
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1320 516	164.00
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	rectangular	1320 517	164.00
▪	0 - 200	0 - 8	50	2.0	0.01	.0005	0.03	rectangular	1320 519	209.00
▪	0 - 300	0 - 12	65	2.5	0.01	.0005	0.04	none	1320 522	265.00
With DATA VARIABLE, with extra long cross points (40 mm)										
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1320 518	446.00

More information on 1320 518 on page 39



1998720

1998501

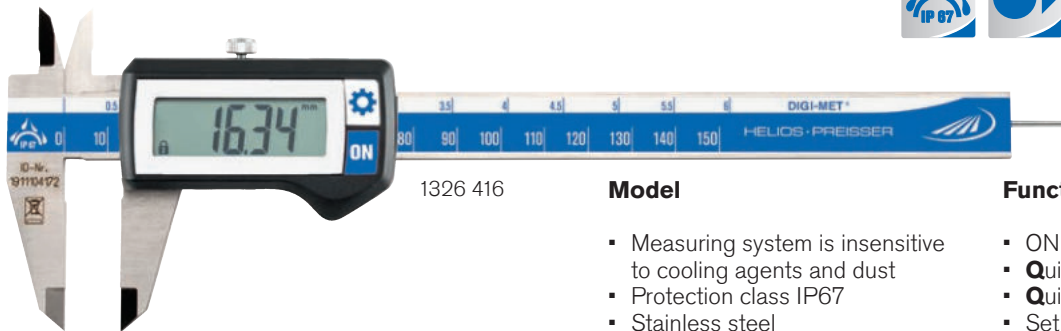
1997501

Accessories

	Order no.	List price EUR
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to USB	1998 720	82.00



1326 DIGI-MET® Pocket calipers IP67



1326 416

Model

- Measuring system is insensitive to cooling agents and dust
- Protection class IP67
- Stainless steel
- LCD display 11 mm
- ISO 13385
- Housing and operating keys have an excellent chemical resistance
- Locking screw
- Inside cross points
- Four way measurement with measuring ranges 150 and 200 mm
- Three way measurement with measuring range 300 mm

Functions

- ON / OFF
- Quick-Start**
- Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)

Delivery

- Plastic case

	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch				
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1326 416	180.00
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	rectangular	1326 417	180.00
▪	0 - 200	0 - 8	50	2.0	0.01	.0005	0.03	rectangular	1326 418	254.00
▪	0 - 300	0 - 12	65	2.5	0.01	.0005	0.04	none	1326 422	322.00
With carbide-tipped measuring jaws										
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1326 914	387.00

0220 Additional depth measuring base



Model

- Stainless steel
- Bridge length: 75 mm
- Dimensions: 75 x 6.5 mm



	Order no.	List price
▪	0220 705	25.30



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1326 DIGI-MET® Pocket calipers IP67 with data output



1

Model

- Measuring system is insensitive to cooling agents and dust
- Protection class IP67
- Stainless steel
- LCD display 7,5 mm
- ISO 13385
- Locking screw
- Inside cross points
- Four way measurement

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

✕	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch	mm			EUR
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1326 516	180.00
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	rectangular	1326 517	180.00
▪	0 - 200	0 - 8	50	2.0	0.01	.0005	0.03	rectangular	1326 518	265.00

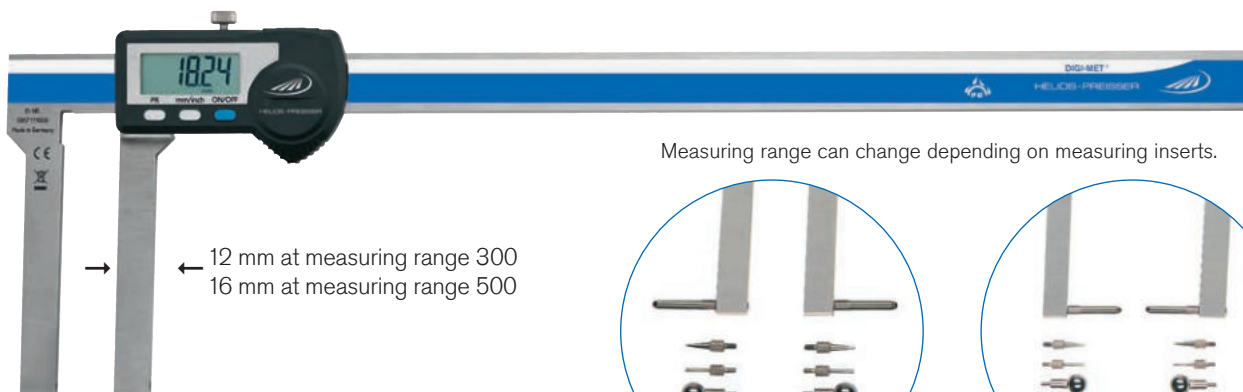


Accessories

	Order no.	List price
		EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00

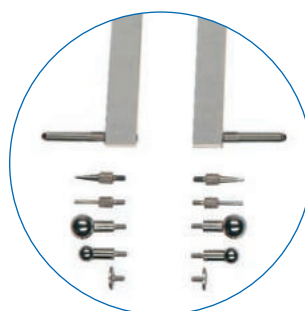


1348 DIGI-MET® Universal calipers

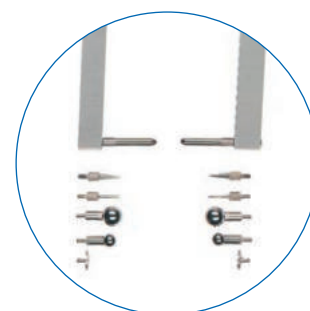


Measuring range can change depending on measuring inserts.

→ ← 12 mm at measuring range 300
16 mm at measuring range 500



for internal measurements



for external measurements

Model

- Stainless steel
- Factory standard
- Protection class IP65
- LCD display 10 or 12.5 mm
- Locking screw
- For internal and external measurements
- Individually adaptable on problematic tasks through measuring inserts with thread M 2.5

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- **PRESET-Function** (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm measuring range in plastic case
- 500 mm measuring range in wooden case
- Without measuring inserts ([correct measuring inserts with thread M 2.5, see pages 108-111](#))

✕	Measuring range		Jaw length		Reading		Error limit	Order no.	List price
	mm	inch	mm	inch	mm	inch	mm		EUR
	0 - 300	0 - 12	90	3.5	0.01	.0005	0.06	1348 722	685.00
	0 - 500	0 - 20	100	4.0	0.01	.0005	0.08	1348 728	877.00



1998720

1998501

1997501

Accessories

- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to digimatic
- Data cable DATA VARIABLE to USB

Order no.

- 1997 501
- 1998 501
- 1998 720

List price

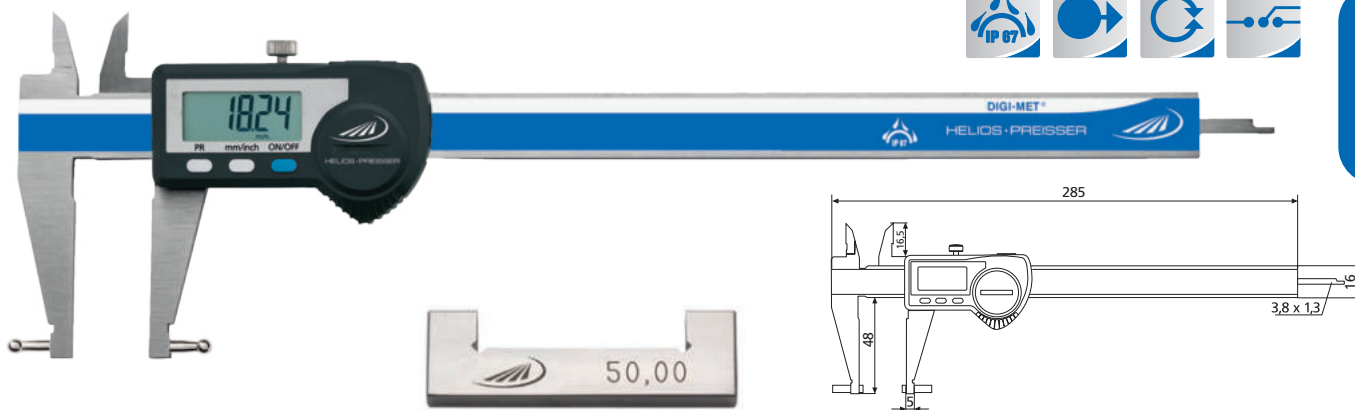
- EUR 57.00
- EUR 73.00
- EUR 82.00



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1326 Universal pocket caliper „Pocket Talent“



1

Incl. setting standard

Model

- Stainless steel
- Protection class IP67
- Factory standard
- LCD display 7.5 mm
- Locking screw
- For internal and external measurements
- Individually adaptable on problematic tasks through measuring inserts with thread M 2.5

Functions

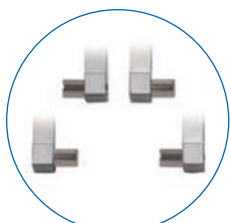
- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

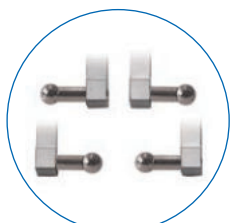
- Plastic case
- Measuring inserts No. 0710161* and 0710177*
Planar surface Ø 4.8 mm /
Ball inserts Ø 5.0 mm
- Setting standard 50 mm

Icon	Measuring range		Jaw length	Reading		Order no.	List price EUR
	mm	inch	mm	mm	inch		
	0 - 200	0 - 8	48	0.01	.0005	1326 932	405.00

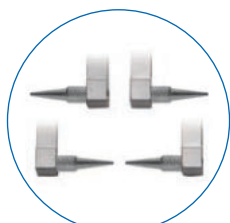
Our all-round talent can be combined with all common types of measuring inserts for indicators with a standard M 2.5 thread. This way, the Pocket Talent offers you various solutions for numerous measurement applications.



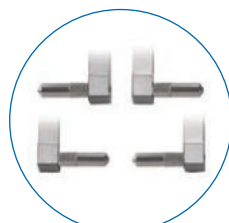
0710161*



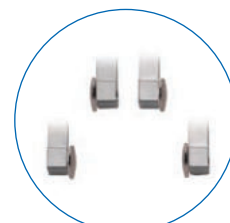
0710177*



0710166



0710167



0710163



1998720



1998501



1997501

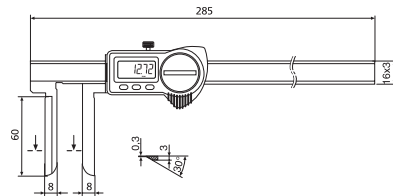
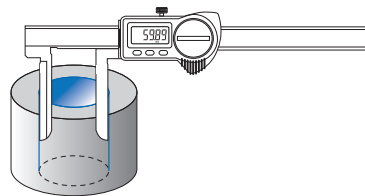
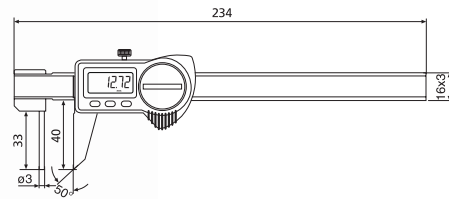
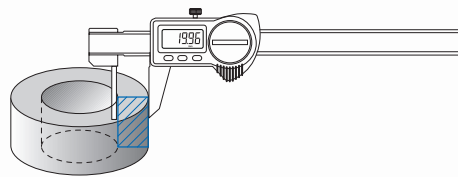
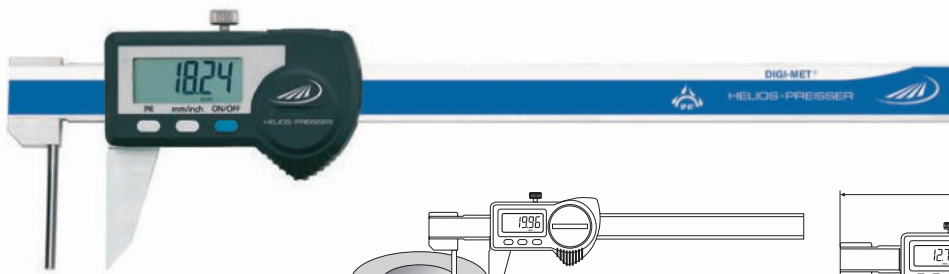
Accessories

	Order no.	List price EUR
Measuring inserts M 2.5	0710 161	4.90
Measuring inserts M 2.5	0710 163	7.40
Measuring inserts M 2.5	0710 166	6.70
Measuring inserts M 2.5	0710 167	4.70
Measuring inserts M 2.5	0710 177	9.30
Setting standard for Pocket Talent	1326 990	44.00
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



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1326 DIGI-MET® Pocket calipers for specific measuring tasks



Model

- Protection class IP67
- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

	Measuring range		Jaw length		Reading		Order no.	List price EUR
	mm	inch	mm	inch	mm	inch		
Wall thickness caliper	0 - 150	0 - 6	40	1.6	0.01	.0005	1326 918	567.00
With long cross jaws for inner measurements	10 - 200	0.4 - 8	60	2.4	0.01	.0005	1326 930	736.00

Accessories



1998720

1997501

1998501

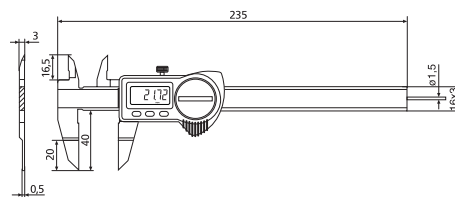
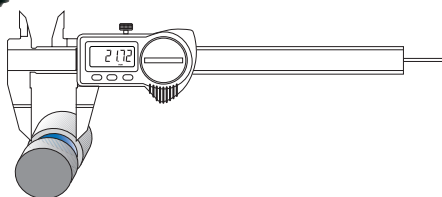
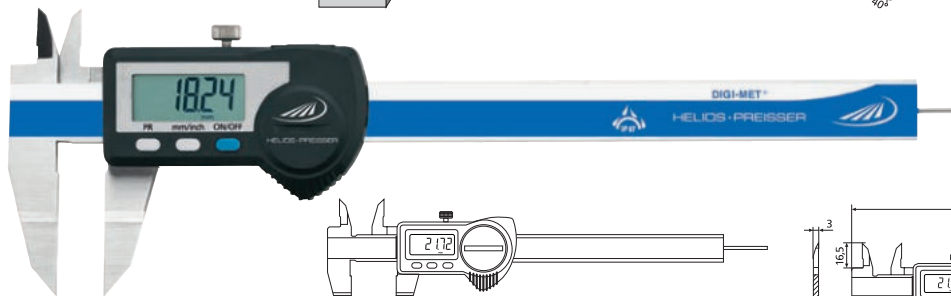
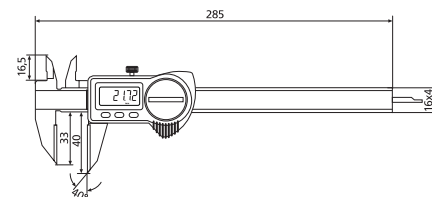
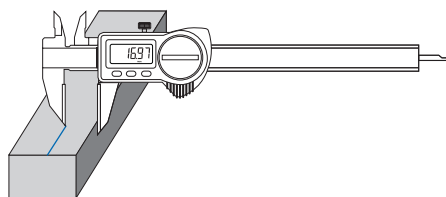
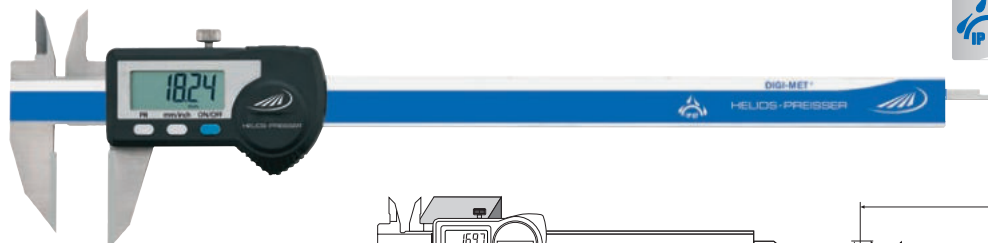
Accessories	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



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1326 DIGI-MET® Pocket calipers for specific measuring tasks



Model

- Protection class IP67
- Stainless steel
- LCD display 7,5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Icon	Measuring range		Jaw length		Reading		Depth gauge	Order no.	List price EUR
	mm	inch	mm	inch	mm	inch			
Scribing caliper with carbide-tipped outer measuring surfaces									
	0 - 200	0 - 8	33	1.3	0.01	.0005	rectangular	1326 912	361.00
With flat measuring surfaces e.g. for outer recesses									
	0 - 150	0 - 6	40	1.6	0.01	.0005	round 1.5	1326 920	615.00

Accessories



1998720

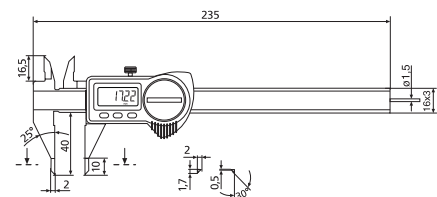
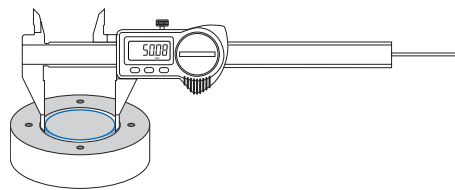
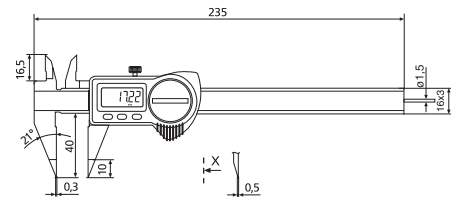
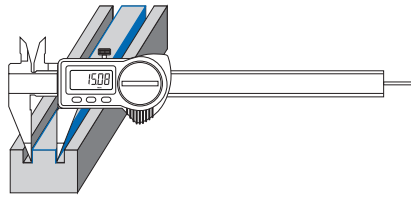
1997501

1998501

	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



1326 DIGI-MET® Pocket calipers for specific measuring tasks



Model

- Protection class IP67
- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Measuring range	Measuring range		Jaw length		Reading		Order no.	List price EUR
	mm	inch	mm	inch	mm	inch		
With pointed jaws								
0 - 150	0 - 6	40	1.6	0.01	.0005	1326 916	447.00	
With fine measuring tips								
0 - 150	0 - 6	40	1.6	0.01	.0005	1326 922	504.00	



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1997501

Accessories

	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



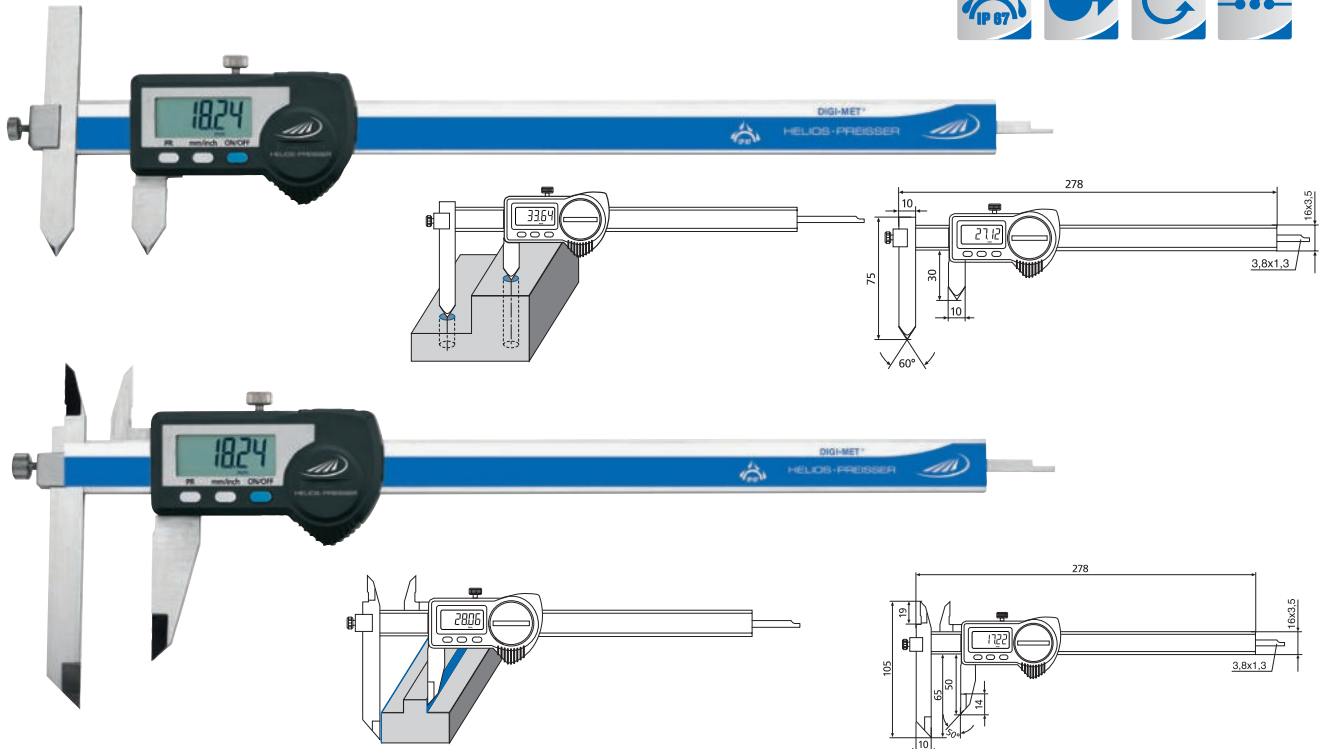
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1326 DIGI-MET® Pocket calipers for specific measuring tasks



1



Model

- Protection class IP67
- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Icon	Measuring range		Jaw length		Reading		Order no.	List price EUR
	mm	inch	mm	inch	mm	inch		
	Moving jaws for measuring the distance between bores							
	10 - 210	0.4 - 8.3	75	3.0	0.01	.0005	1326 924	500.00
	Moving jaws + cross tips							
	0 - 200	0 - 8	65	2.5	0.01	.0005	1326 928	537.00



1998720

1998501

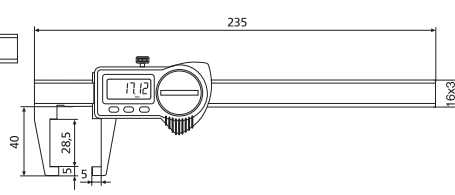
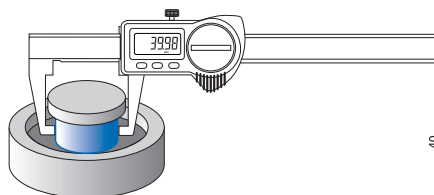
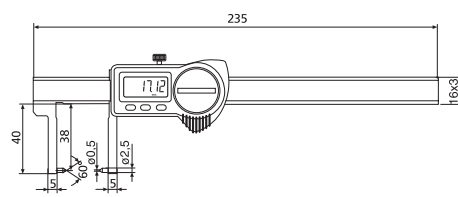
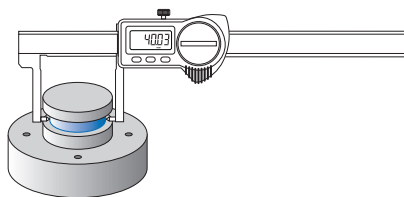
1997501

Accessories

	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



1326 DIGI-MET® Pocket calipers for specific measuring tasks



Model

- Protection class IP67
- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Measuring tips angled inwards	Measuring range		Jaw length		Reading		Order no.	List price EUR
	mm	inch	mm	inch	mm	inch		
Measuring tips angled inwards	0 - 140	0 - 5,5	40	1.6	0.01	.0005	1326 904	646.00
Measuring jaws angled inwards	0 - 150	0 - 6	40	1.6	0.01	.0005	1326 908	552.00

Accessories



1998720

1997501

1998501

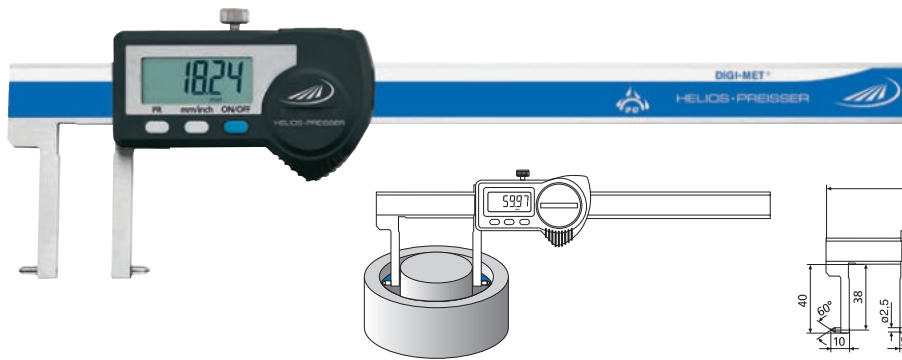
	Order no.	List price EUR
data cable DATA VARIABLE to RS232	1997 501	57.00
data cable DATA VARIABLE to digimatic	1998 501	73.00
data cable DATA VARIABLE to USB	1998 720	82.00



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1326 DIGI-MET® Pocket calipers for specific measuring tasks



Model

- Protection class IP67
- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Measuring system is insensitive to cooling agents and dust

- Housing and operating keys have an excellent chemical resistance
- Inside cross points
- Locking screw

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Measuring tips angled outwards	Measuring range		Jaw length		Reading		Order no.	List price EUR
	mm	inch	mm	inch	mm	inch		
Measuring tips angled outwards	20 - 170	0.8 - 6.7	40	1.6	0.01	.0005	1326 906	641.00
Measuring jaws angled outwards	10 - 160	0.4 - 6.7	40	1.6	0.01	.0005	1326 910	634.00

Accessories



1998720 1997501 1998501

	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



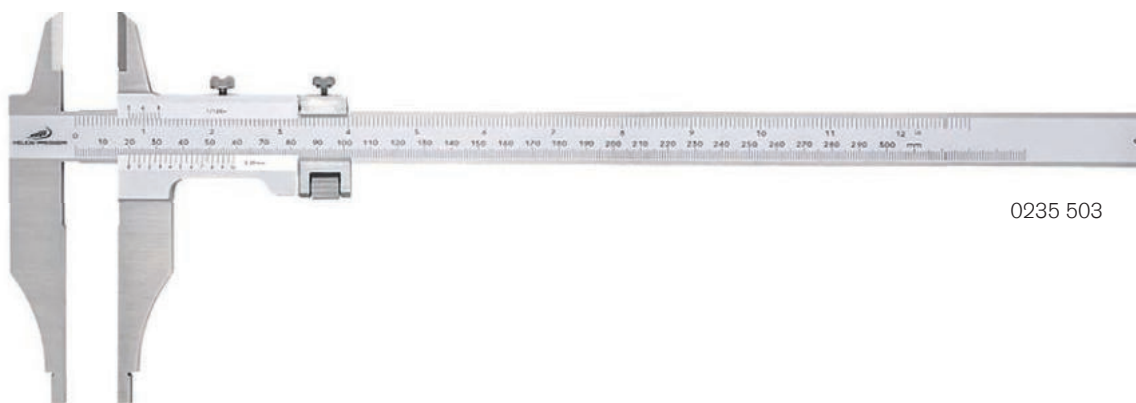
0234 / 0235 Workshop calipers



ISO
13385



0234 503



0235 503

Model

- Stainless steel
- Vernier and reading parts have a satin chrome finish
- ISO 13385
- Factory standard from 1500 mm measuring range
- Locking screw
- Knife points
- Stepped jaws for inside measurement: 10 mm, 20 mm* and 30 mm**
- Low-set master scale
- High-precision laser graduation on vernier and scale

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in carton

Marked	Marked	Measuring range		Jaw length		Reading		Error limit	Order no.	List price
		mm	inch	mm	inch	mm	inch			
Without fine adjustment										
▪		0 - 300	0 - 12	90	3.5	0.05	1/128	0.05	0234 503	185.00
▪		0 - 500	0 - 20	150	6.0	0.05		0.07	0234 508*	552.00
▪		0 - 800	0 - 31	150	6.0	0.05		0.1	0234 514*	708.00
▪		0 - 1000	0 - 39	150	6.0	0.05		0.12	0234 518*	850.00
	▪	0 - 1500	0 - 59	200	8.0	0.05		0.18	0234 524**	1787.00
	▪	0 - 2000	0 - 79	200	8.0	0.05		0.22	0234 526**	2616.00
With fine adjustment										
▪		0 - 300	0 - 12	90	3.5	0.05	1/128	0.05	0235 503	214.00
▪		0 - 500	0 - 20	150	6.0	0.05		0.07	0235 508*	596.00
▪		0 - 800	0 - 31	150	6.0	0.05		0.1	0235 514*	780.00
▪		0 - 1000	0 - 39	150	6.0	0.05		0.12	0235 518*	921.00
	▪	0 - 1500	0 - 59	200	8.0	0.05		0.18	0235 524**	1895.00



0236 / 0237 Workshop calipers

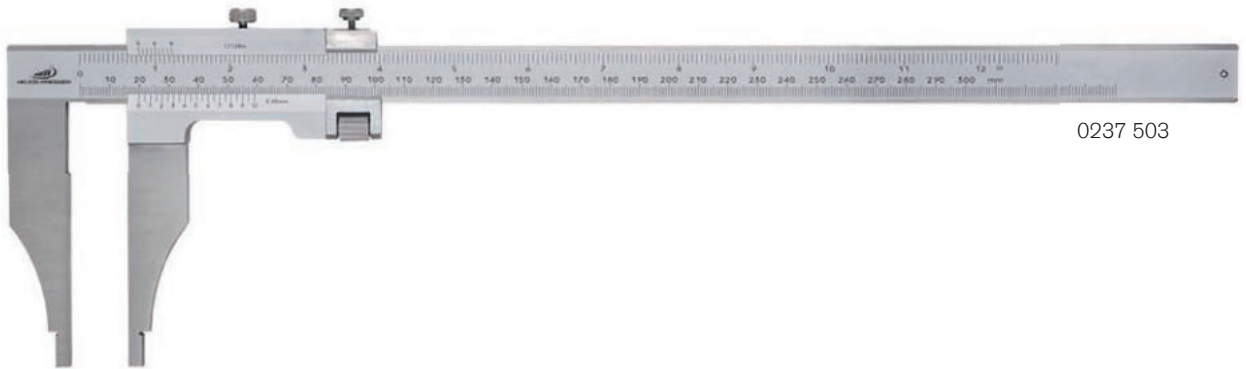


ISO
13385

1



0236 503



0237 503

Model

- Stainless steel
- Vernier and reading parts have a satin chrome finish
- ISO 13385
- Factory standard from 1500 mm measuring range
- Locking screw

- Fine adjustment
- Low-set master scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm
- High-precision laser graduation on vernier and scale

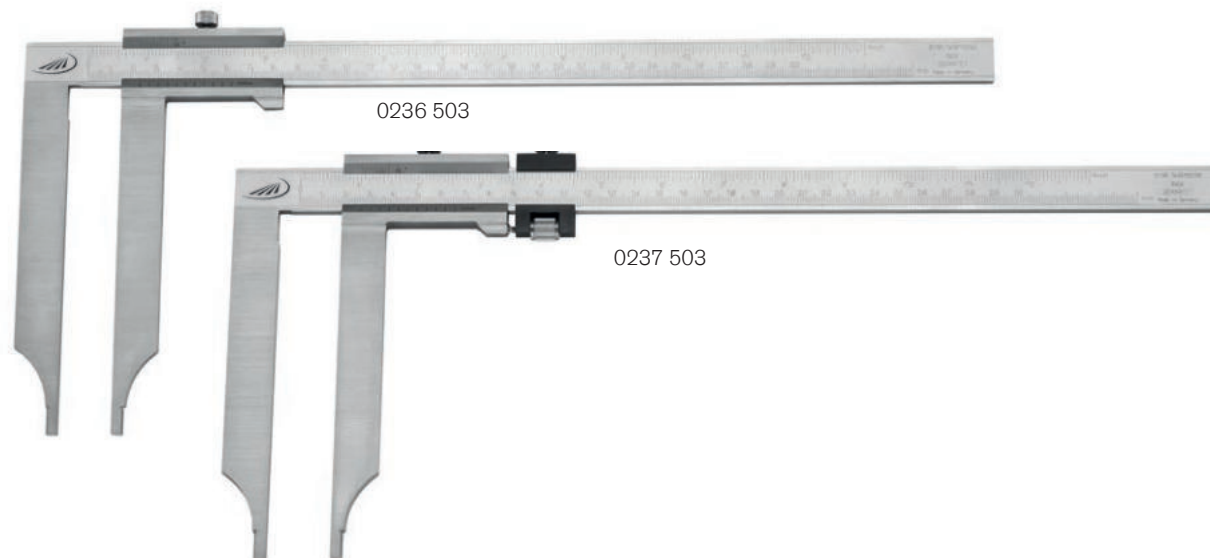
Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in carton

Icon	Measuring range		Jaw length		Reading		Error limit	Order no.	List price	
	mm	inch	mm	inch	mm	inch				mm
Without fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.05	1/128	0.05	0236 503	165.00	
▪	0 - 500	0 - 20	150	6.0	0.05		0.07	0236 508*	459.00	
▪	0 - 800	0 - 31	150	6.0	0.05		0.1	0236 514*	569.00	
▪	0 - 1000	0 - 39	150	6.0	0.05		0.12	0236 518**	709.00	
With fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.05	1/128	0.05	0237 503	197.00	
▪	0 - 500	0 - 20	150	6.0	0.05		0.07	0237 508*	516.00	
▪	0 - 800	0 - 31	150	6.0	0.05		0.1	0237 514*	640.00	
▪	0 - 1000	0 - 39	150	6.0	0.05		0.12	0237 518*	782.00	
▪	0 - 1500	0 - 59	200	8.0	0.05		0.18	0237 524**	1673.00	
▪	0 - 2000	0 - 79	200	8.0	0.05		0.22	0237 526**	2535.00	



0236 / 0237 Workshop calipers with long measuring jaws



Model

- Stainless steel
- Vernier and reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Low-set master scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm
- High-precision laser graduation on vernier and scale

Delivery

- Carton

	Measuring range		Jaw length		Reading		Error limit mm	Order no.	List price EUR	
	mm	inch	mm	inch	mm	inch				
Without fine adjustment										
	0 - 300	12	150	6.0	0.05	1/128	0.1	0236 504	291.00	
	0 - 500	20	200	8.0	0.05		0.14	0236 509*	605.00	
	0 - 500	20	300	12.0	0.05		0.14	0236 510*	722.00	
	0 - 800	31	300	12.0	0.05		0.2	0236 516*	1121.00	
	0 - 1000	39	300	12.0	0.05		0.24	0236 520*	1360.00	
▪	0 - 1500	59	300	12.0	0.05		0.36	0236 525**	1907.00	
▪	0 - 2000	79	300	12.0	0.05		0.44	0236 527**	2825.00	
With fine adjustment										
	0 - 300	0 - 12	150	6.0	0.05	1/128	0.1	0237 504	319.00	
	0 - 500	0 - 20	300	12.0	0.05		0.14	0237 510*	779.00	
	0 - 800	0 - 31	300	12.0	0.05		0.2	0237 516*	1189.00	
	0 - 1000	0 - 39	300	12.0	0.05		0.24	0237 520*	1431.00	
	0 - 1000	0 - 39	500	20.0	0.05		0.24	0237 521**	1931.00	
▪	0 - 1500	0 - 59	300	12.0	0.05		0.36	0237 525**	2020.00	

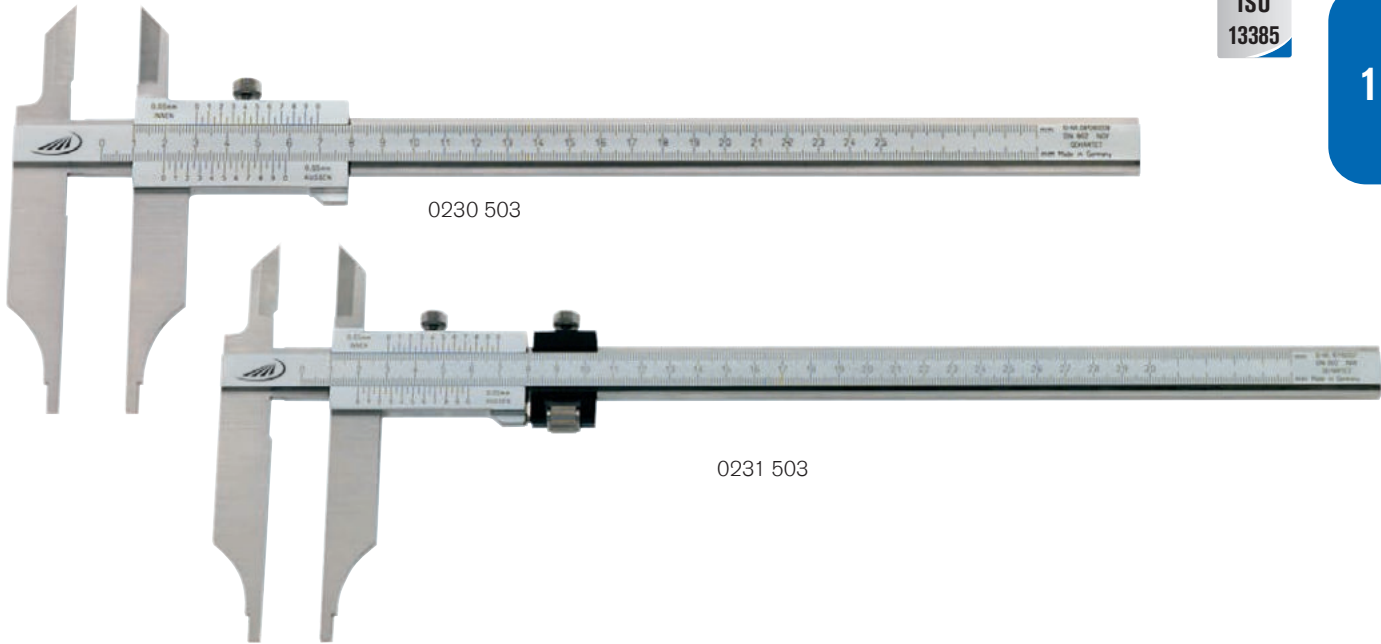


0230 / 0231 Workshop calipers with parallax-free reading



ISO
13385

1



Model

- **Parallax-free reading**
- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Locking screw
- Knife points
- Stepped jaws for inside measurement: 10 mm, for measuring range 500 mm: 20 mm
- Direct reading of internal and external measurements
- High-precision laser graduation on vernier and scale

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in carton

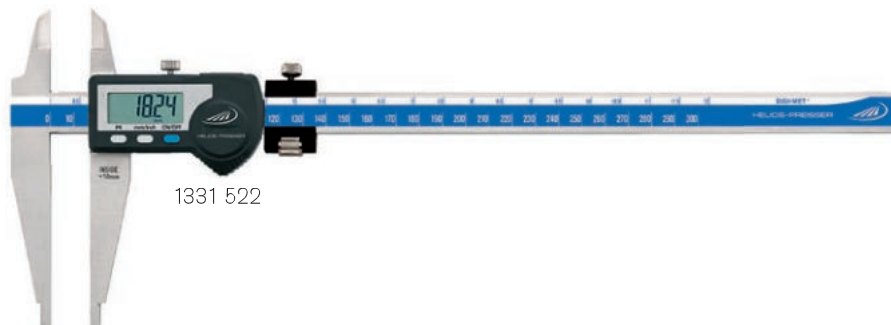
	Measuring range		Jaw length		Reading mm	Error limit mm	Order no.	List price EUR
	mm	inch	mm	inch				
Without fine adjustment								
▪	0 - 300	0 - 12	90	3.5	0.05	0.05	0230 503	201.00
▪	0 - 500	0 - 20	150	6.0	0.05	0.07	0230 508	575.00
With fine adjustment								
▪	0 - 300	0 - 12	90	3.5	0.05	0.05	0231 503	232.00
▪	0 - 500	0 - 20	150	6.0	0.05	0.07	0231 508	628.00



1330 / 1331 DIGI-MET® Workshop calipers



1330 522



1331 522

Model

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- Factory standard
- Knife points
- LCD display:
 - 10 mm with measuring range 300 mm;
 - 12.5 mm from measuring range 500 mm
- Locking screw

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in wooden case

☒	🇸🇰	Measuring range		Jaw length		Reading		Stepped jaws mm	Error limit mm	Order no.	List price EUR
		mm	inch	mm	inch	mm	inch				
With knife points, without fine adjustment											
▪		0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1330 522	449.00
▪		0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1330 528	685.00
▪		0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1330 532	1118.00
▪		0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1330 534	1353.00
With knife points, with fine adjustment											
▪		0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1331 522	521.00
▪		0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1331 528	768.00
▪		0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1331 532	1183.00
▪		0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1331 534	1360.00



1998720



1997501



1998501

Accessories

- Data cable DATA VARIABLE to USB
- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to Digimatic

Order no.

- 1998 720
- 1997 501
- 1998 501

List price EUR

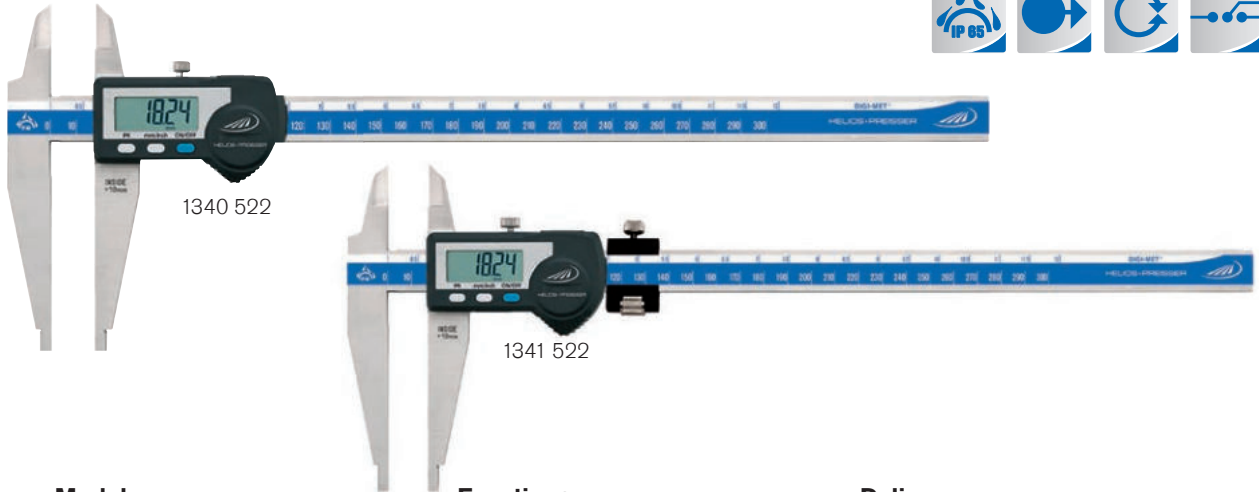
- 82.00
- 57.00
- 73.00



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1340 / 1341 DIGI-MET® Workshop calipers IP65



Model

- Stainless steel
- Inductive measuring system, protection class IP65
- Factory standard
- Knife points
- LCD display:
 - 10 mm with measuring range 300 mm;
 - 12.5 mm from measuring range 500 mm
- Locking screw

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in wooden case

Icon	Measuring range		Jaw length		Reading		Stepped jaws	Error limit	Order no.	List price
	mm	inch	mm	inch	mm	inch				
With knife points, without fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1340 522	486.00
▪	0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1340 528	927.00
▪	0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1340 532	1251.00
▪	0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1340 534	1539.00
With knife points, with fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1341 522	550.00
▪	0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1341 528	990.00
▪	0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1341 532	1313.00
▪	0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1341 534	1601.00



Accessories

- Data cable DATA VARIABLE to USB
- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to digimatic

Order no.

List price

- 1998 720
- 1997 501
- 1998 501

1998720

1997501

1998501



1334 / 1335 DIGI-MET® Workshop calipers



Model

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- Factory standard
- LCD display:
 - 10 mm with measuring range 300 mm;
 - 12.5 mm from measuring range 500 mm
- Locking screw

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in wooden case

☒	☒	Measuring range		Jaw length		Reading		Stepped jaws mm	Error limit mm	Order no.	List price EUR
		mm	inch	mm	inch	mm	inch				
Without fine adjustment											
☒		0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1334 522	416.00
☒		0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1334 528	584.00
☒		0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1334 532	1020.00
☒		0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1334 534	1208.00
With fine adjustment											
☒		0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1335 522	476.00
☒		0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1335 528	672.00
☒		0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1335 532	1097.00
☒		0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1335 534	1260.00



Accessories

- Data cable DATA VARIABLE to USB
- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to Digimatic

Order no.

List price EUR

- 1998 720
- 1997 501
- 1998 501



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1342 / 1343 DIGI-MET® Workshop calipers IP65



1

Model

- Stainless steel
- Inductive measuring system, protection class IP65
- Factory standard
- LCD display:
 - 10 mm with measuring range 300 mm;
 - 12.5 mm from measuring range 500 mm
- Locking screw

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm Measuring range in plastic case
- From 500 mm measuring range in wooden case

Icon	Measuring range		Jaw length		Reading		Stepped jaws	Error limit	Order no.	List price
	mm	inch	mm	inch	mm	inch				
Without fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1342 522	447.00
▪	0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1342 528	824.00
▪	0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1342 532	1141.00
▪	0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1342 534	1419.00
With fine adjustment										
▪	0 - 300	0 - 12	90	3.5	0.01	.0005	10	0.03	1343 522	510.00
▪	0 - 500	0 - 20	150	6.0	0.01	.0005	20	0.04	1343 528	889.00
▪	0 - 800	0 - 31	150	6.0	0.01	.0005	20	0.05	1343 532	1204.00
▪	0 - 1000	0 - 39	150	6.0	0.01	.0005	20	0.06	1343 534	1481.00



Accessories

- Data cable DATA VARIABLE to USB
- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to digimatic

Order no.

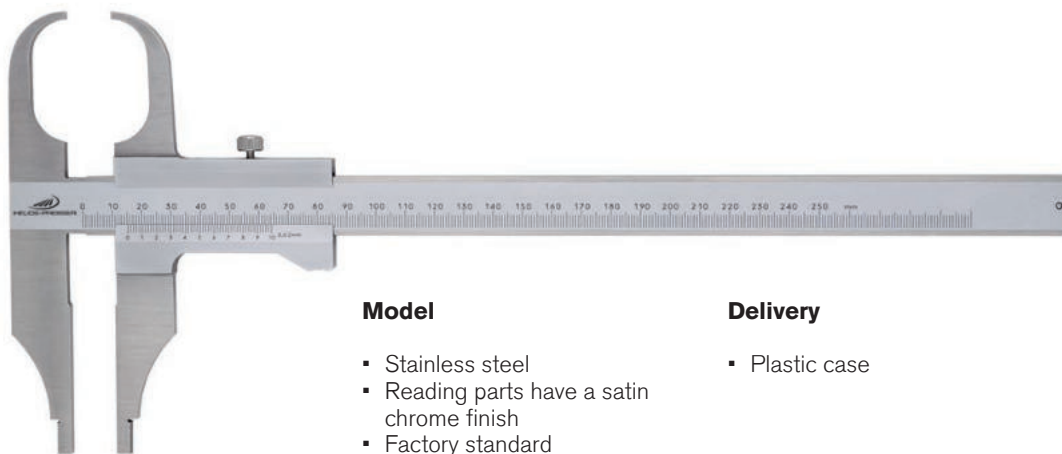
List price

1998 720	82.00
1997 501	57.00
1998 501	73.00



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0266 Caliper with gripper points



Model

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Gripper points length 55 mm

Delivery

- Plastic case

▶▶	▶	Measuring range	Jaw length		Reading	Error limit	Order no.	List price
		mm	mm	inch	mm	mm		EUR
		0 - 250	75	3.0	0.02	0.03	0266 52005	408.00



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1320 DIGI-MET® Pocket caliper with 40 mm inside cross points



1



Model

- Inductive measuring system, resistant to damp and sweat
- Stainless steel
- LCD display 7.5 mm
- ISO 13385
- Locking screw
- Inside cross points
- Four way measurement

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

Icon	Measuring range		Jaw length		Reading		Error limit	Depth gauge	Order no.	List price
	mm	inch	mm	inch	mm	inch	mm	dia. mm		EUR
▪	0 - 150	0 - 6	40	1.6	0.01	.0005	0.03	round 1.5	1320 518	446.00

Accessories



1998720

1998501

1997501

Data cable DATA VARIABLE to USB

Order no.

List price

Data cable DATA VARIABLE to RS232

1998 720

82.00

Data cable DATA VARIABLE to digimatic

1997 501

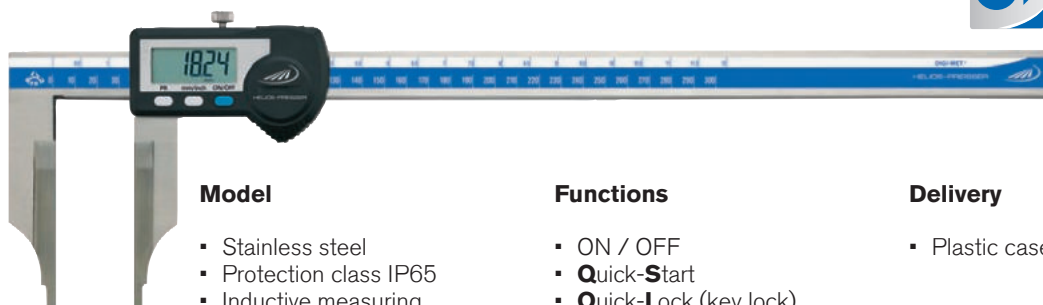
57.00

1998 501

73.00



1353 DIGI-MET® Caliper for external locking grooves



Model

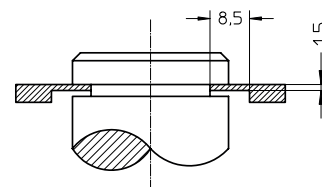
- Stainless steel
- Protection class IP65
- Inductive measuring system
- LCD display 10 mm
- Locking screw
- Factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case

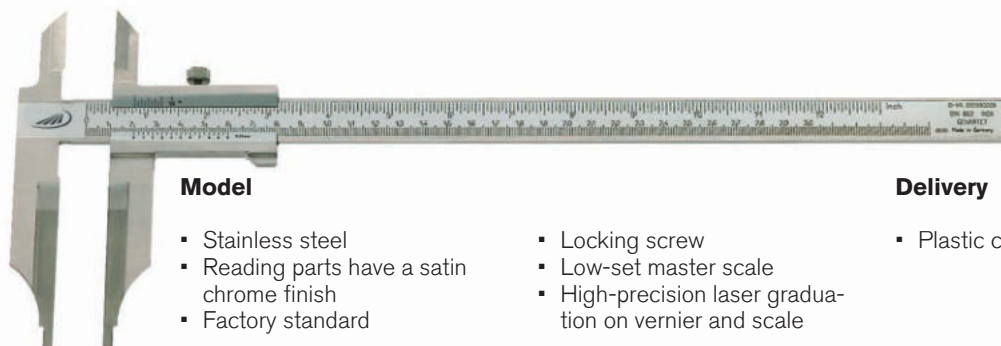


	Measuring range		Jaw length		Reading		Error limit	Order no.	List price
	mm	inch	mm	inch	mm	inch			
	0 - 300	0 - 12	90	3.5	0.01	.0005	0.03	1353 522	554.00

Accessories

	Order no.	List price
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00

0262 Caliper for external locking grooves



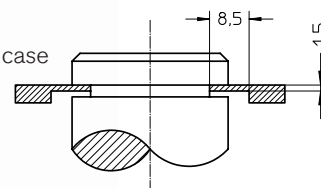
Model

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard

- Locking screw
- Low-set master scale
- High-precision laser graduation on vernier and scale

Delivery

- Plastic case



	Measuring range		Jaw length		Reading		Error limit	Order no.	List price
	mm	inch	mm	inch	mm	inch			
	0 - 300	0 - 12	90	3.5	0.05	1/128	0.03	0262 503	306.00



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1352 DIGI-MET® Calipers for internal grooves



1

Model

- Stainless steel
- LCD display 7.5 mm
- Factory standard
- Locking screw
- IP67: up to 200 mm
- IP65: from 300 mm

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)

Delivery

- Plastic case

- Variable data output RS 232 + Digimatic + USB
- Setting ring sold separately

Measuring range	Jaw length		Reading		Error limit	Order no.	List price
	mm	mm	inch	mm			
10 - 160	25	1.0	0.01	0.06	1352 516	438.00	
20 - 160	40	1.5	0.01	0.06	1352 517	493.00	
26 - 200	60	2.3	0.01	0.06	1352 518	902.00	
35 - 300	100	3.9	0.01	0.06	1352 522	1059.00	

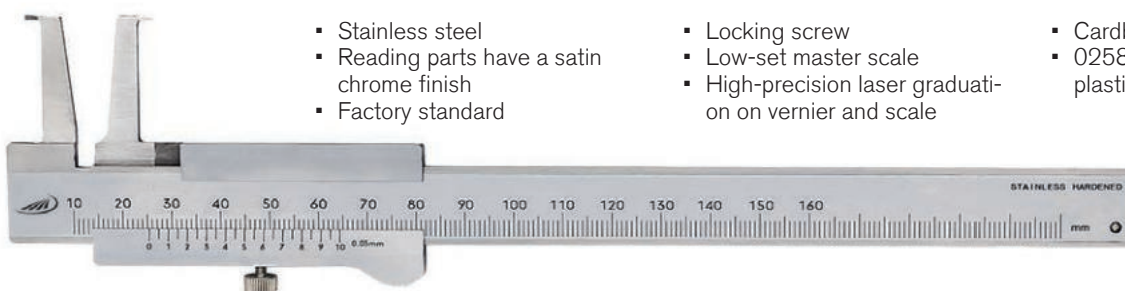
0258 Calipers for internal grooves

Model

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard

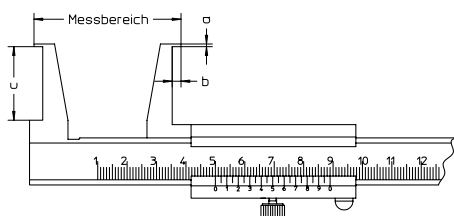
Delivery

- Cardboard box
- 0258503 in plastic case



Measuring range	Jaw length		Reading	Error limit	Order no.	List price
	mm	mm				
10 - 160	25	1.0	0.05	0.1	0258 501	163.00
20 - 160	40	1.5	0.05	0.1	0258 502	217.00
26 - 200	60	2.3	0.05	0.1	0258 503	333.00

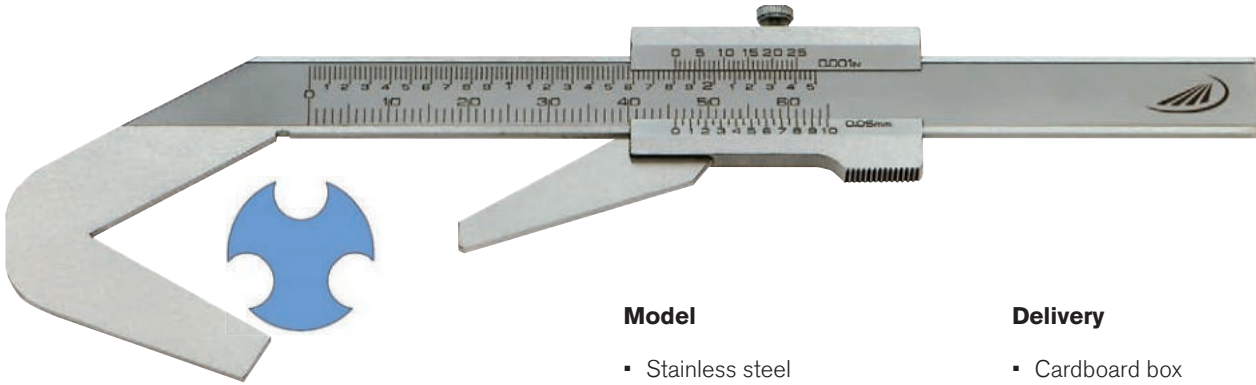
Dimensions of 0258 and 1352



Measuring range mm	a	b	c
10 - 160	0.9	3.0	25
20 - 160	2.0	5.0	40
26 - 200	3.0	7.0	60
35 - 300	5.0	10.0	100



0260 Calipers for 3/5 point measurement



Model

- Stainless steel
- Reading parts have a satin chrome finish
- Locking screw
- Factory standard

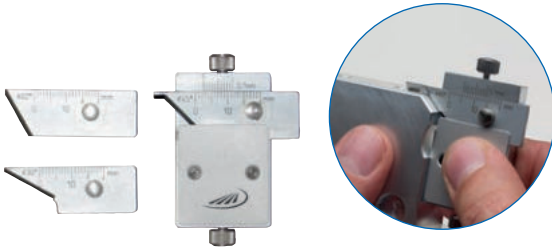
Delivery

- Cardboard box

Marked	Measuring range	Reading		Error limit	Order no.	List price
		mm	inch			
	3 point measurement					
	4 - 40	0.05	1/128	0.05	0260 501	84.00
	5 point measurement					
	2 - 40	0.05	1/128	0.05	0260 502	84.00



0597 Chamfer gauge



Model

- Stainless steel
- Reading 0.1 mm
- Reading parts have a satin chrome finish
- For simultaneously testing of the chamfer angle and the dimensional accuracy
- Dimensions: 48 x 30 x 8.5 mm

Delivery

- 3 interchangeable blades: 30°, 45°, 60°
- Plastic case

Icon	Measuring range	Reading	Order no.	List price
	mm	mm		EUR
	0 - 10	0.10	0597 301	198.00

1

0597 Radius gauge



Model

- To determine radius size workpieces
- Stainless steel
- Reading parts are satin chrome finished

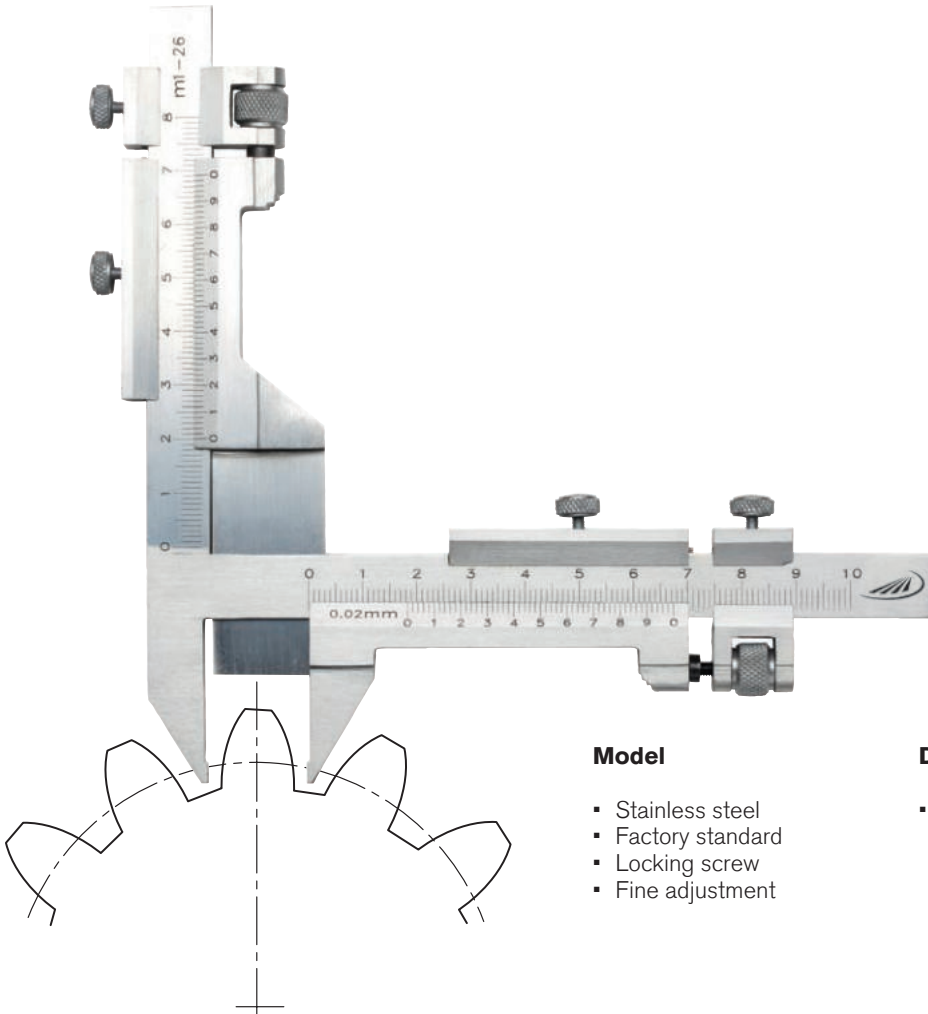
Delivery

- Plastic case

Icon	Measuring range	Reading	Order no.	List price
	mm	mm		EUR
	0 - 10	0.10	0597 305	198.00



0268 Gear tooth calipers



Model

- Stainless steel
- Factory standard
- Locking screw
- Fine adjustment

Delivery

- Wooden case

⌘	🏠	Module	Reading mm	Error limit mm	Order no.	List price EUR
Hardened jaw tips						
		1 - 26	0.02	0.1	0268 201	348.00
Carbide tipped jaw tips						
		1 - 26	0.02	0.1	0268 211	424.00

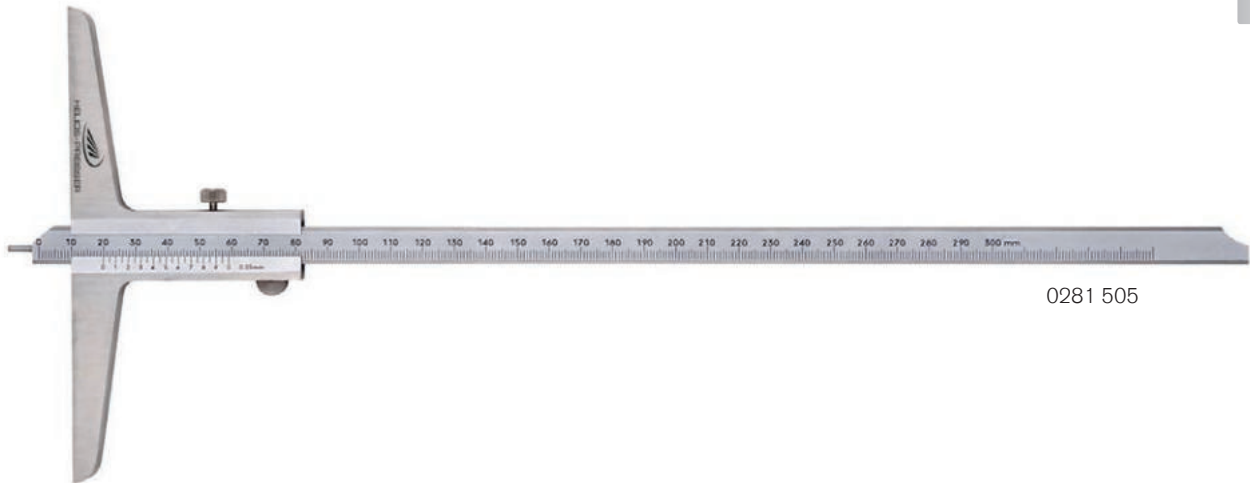


0281 Vernier depth gauges



ISO
13385

1



0281 505

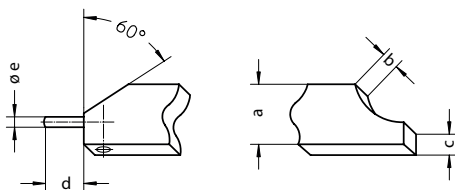
Model

- Stainless steel
- Reading parts have a satin chrome finish
- ISO 13385
- Low-set master scale
- Locking screw
- Measuring rod with interchangeable pin
- Double sided scale
- High-precision laser graduation on vernier and scale

Delivery

- Plastic case

Icon	Measuring range	Length of beam	Reading	Error limit	Order no.	List price
	mm	mm	mm	mm		EUR
▪	0 - 150	100	0.05	0.05	0281 501	101.00
▪	0 - 200	100	0.05	0.05	0281 502	104.00
▪	0 - 300	150	0.05	0.05	0281 505	130.00



Measuring range mm	a	b	c	d	e
150 - 200	8.0	3.0	3.5	8.0	1.5
300	12.0	4.0	4.0	8.0	2.0



0282 Vernier depth gauges



ISO
13385



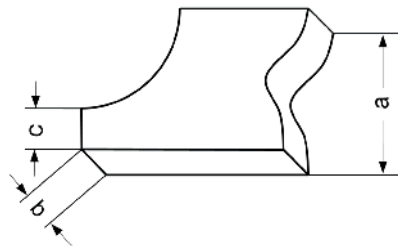
Model

- ISO 13385
- Locking screw
- Straight measuring rod
- Low-set master scale
- High-precision laser graduation on vernier and scale

Delivery

- Plastic case

☒	☒	Measuring range mm	Length of beam mm	Reading mm	Error limit mm	Order no.	List price EUR
Stainless steel, vernier + scale satin chrome finished							
▪		0 - 150	100	0.05	0.05	0282 501	88.00
▪		0 - 200	100	0.05	0.05	0282 502	93.00
▪		0 - 300	100	0.05	0.05	0282 503	105.00
▪		0 - 300	150	0.05	0.05	0282 505	112.00
▪		0 - 500	150	0.05	0.07	0282 507	172.00
▪		0 - 500	250	0.05	0.07	0282 508	262.00
▪		0 - 800	250	0.05	0.10	0282 509	437.00
▪		0 - 1000	250	0.05	0.12	0282 510	618.00



Measuring range mm	a	b	c
150 - 200	8.0	3.0	3.5
250 - 500	12.0	4.0	4.0
500 - 1000	20.0	5.0	10.0

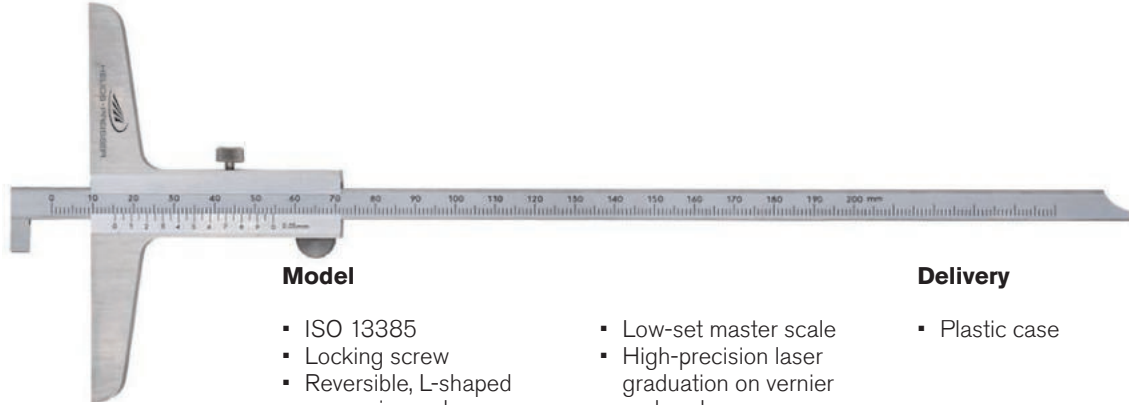


0286 Vernier depth gauges



ISO
13385

1



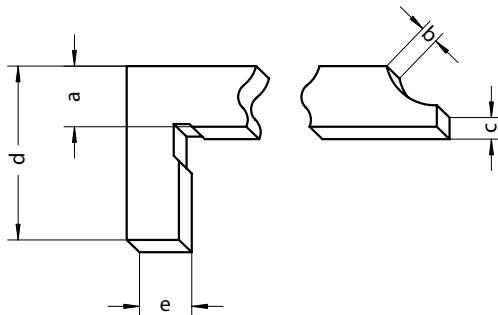
Model

- ISO 13385
- Locking screw
- Reversible, L-shaped measuring rod
- Scales on both sides

Delivery

- Plastic case

Measuring range mm	Length of beam mm	Reading mm	Error limit mm	Order no.	List price EUR
Stainless steel, vernier + scale satin chrome finished					
0 - 150	100	0.05	0.05	0286 501	105.00
0 - 200	100	0.05	0.05	0286 502	106.00
0 - 300	150	0.05	0.05	0286 505	130.00
0 - 500	150	0.05	0.07	0286 507	208.00



Measuring range mm	a	b	c	d	e
150 - 200	8,0	3,0	3,5	20,0	5,0
250 - 500	12,0	4,0	4,0	28,0	10,0

0292 Offset vernier depth gauges



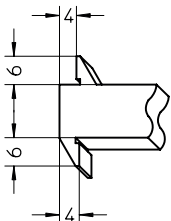
Model

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Reversible, offset meas. rod

Delivery

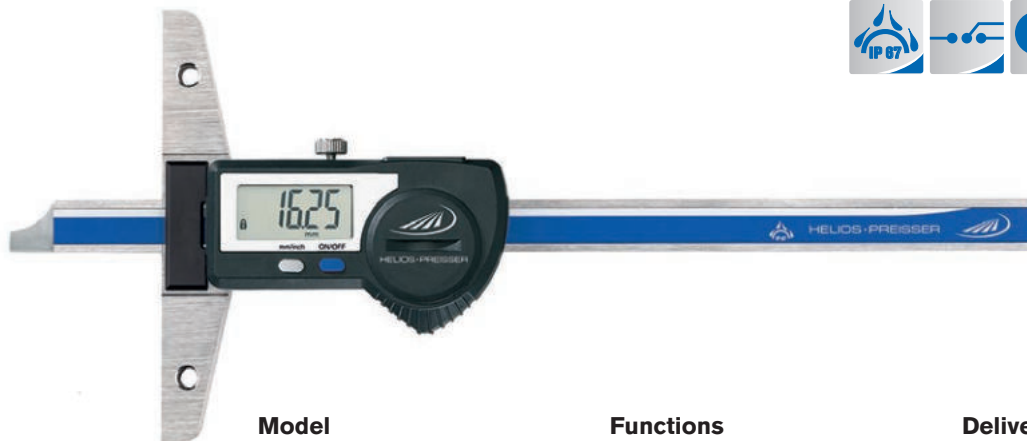
- Plastic case

Measuring range mm	Length of beam mm	Reading mm	Error limit mm	Order no.	List price EUR
0 - 200	100	0.05	0.05	0292 501	100.00
0 - 300	100	0.05	0.05	0292 502	113.00





1361 DIGI-MET® Depth gauges



Model

- Stainless steel
- Protection class IP67
- LCD display 7,5 mm
- ISO 13385
- Locking screw
- Straight measuring rod

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switchin
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case
- From 500 mm measuring range in wooden case
- Screw-on extended measuring bridges must be ordered separately (page 53)

Marked	Measuring range	Measuring range		Length of beam	Reading		Error limit	Order no.	List price
		mm	inch		mm	inch			
▪	0 - 150	0 - 6	100	0.01	.0005	0.03	1361 716	371.00	
▪	0 - 200	0 - 8	100	0.01	.0005	0.03	1361 718	421.00	
▪	0 - 300	0 - 12	150	0.01	.0005	0.04	1361 722	473.00	
▪	0 - 500	0 - 20	150	0.01	.0005	0.05	1361 728	543.00	



1998720

1997501

1998501

Accessories

Data cable DATA VARIABLE to RS232

Data cable DATA VARIABLE to digimatic

Data cable DATA VARIABLE to USB

Order no.

1997 501

1998 501

1998 720

List price

EUR

57.00

73.00

82.00



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1363 DIGI-MET® Depth gauges



Model

- Stainless steel
- Protection class IP67
- LCD display 7.5 mm
- ISO 13385
- Locking screw
- L-shaped measuring rod

Functions

- ON / OFF
- Set to zero at any point
- mm / inch switching
- **Quick-Start**
- **Quick-Lock** (key lock)
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- 300 mm measuring range in plastic case
- 500 mm measuring range in wooden case
- Screw-on extended measuring bridges must be ordered separately (page 53)

Icon	Measuring range		Length of beam	Reading		Error limit	Order no.	List price
	mm	inch		mm	mm			
▪	0 - 300	0 - 12	150	0.01	.0005	0.03	1363 722	484.00
▪	0 - 500	0 - 20	150	0.01	.0005	0.04	1363 728	563.00



1998720

1997501

1998501

Accessories

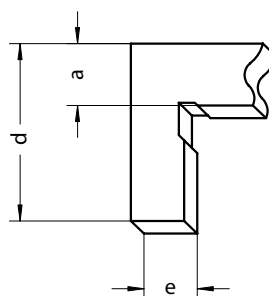
- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to digimatic
- Data cable DATA VARIABLE to USB

Order no.

List price

EUR

Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



Measuring range mm	a	e	d
300	11.6	10	28
500	11.6	10	28



1365 DIGI-MET® Depth gauges



Model

- Stainless steel
- Protection class IP67
- LCD display 7.5 mm
- ISO 13385
- Locking screw
- Replaceable pin

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case
- Screw-on extended measuring bridges must be ordered separately (page 53)

Marked	Marked	Measuring range		Length of beam	Reading		Error limit	Order no.	List price EUR
		mm	inch	mm	mm	inch	mm		
▪		0 - 200	0 - 8	100	0.01	.0005	0.03	1365 722	458.00
▪		0 - 300	0 - 12	150	0.01	.0005	0.04	1365 728	510.00

Accessories



1998720

1997501

1998501

	Order no.	List price EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



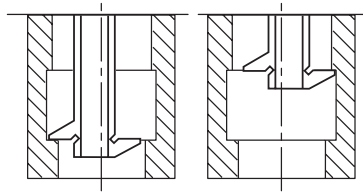
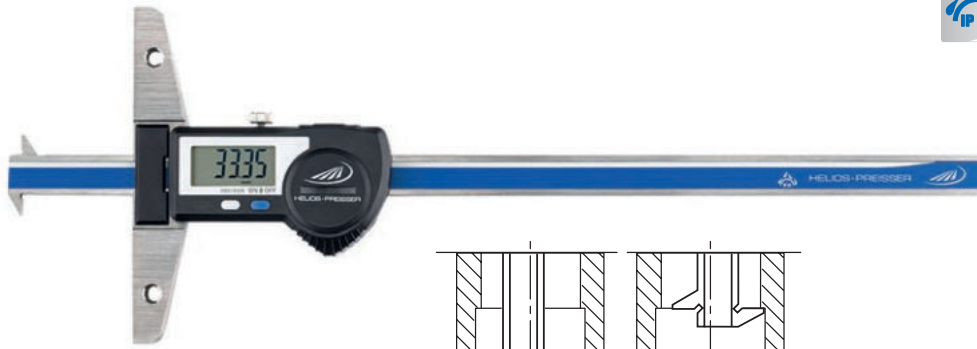
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1367 DIGI-MET® Offset depth gauges



1



Model

- Stainless steel
- Inductive measuring system, protection class IP67
- LCD display 7.5 mm
- Factory standard
- Housing and operating keys have an excellent chemical resistance
- Locking screw

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Variable data output RS 232 + Digimatic + USB

Delivery

- Up to 300 mm measuring range in plastic case
- From 500 mm measuring range in wooden case
- Screw-on extended measuring bridges must be ordered separately (page 53)

Icon	Measuring range		Length of beam	Reading		Error limit	Order no.	List price
	mm	inch		mm	mm			
▪	0 - 200	0 - 8	100	0.01	.0005	0.03	1367 718	476.00
▪	0 - 300	0 - 12	150	0.01	.0005	0.03	1367 722	575.00
▪	0 - 500	0 - 20	150	0.01	.0005	0.03	1367 728	724.00



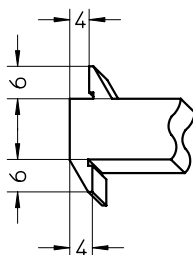
1998720

1997501

1998501

Accessories

	Order no.	List price
		EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00





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1372i DIGI-MET® Depth gauges IP67 with integrated wireless



1372 41660

integrated IW wireless

Wireless Data Transmission

Model

- Stainless steel
- Inductive measuring system, protection class IP67
- ISO 13385
- Locking screw
- LCD display 11 mm
- Measuring pin dia. 1.5 mm

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- **PRESET-Function** (setting a numerical value)
- Set to zero at any point
- mm / inch switching
- Integrated Wireless

Delivery

- Plastic case
- Screw-on extended measuring bridges must be ordered separately (page 53)



More information on our i-series and Integrated Wireless on page 224

Marked *	Measuring range	Length of beam		Reading		Error limit	Order no.	List price
		mm	inch	mm	inch			
▪	0 - 150	0 - 6	100	0.01	.0005	0.03	1372 41660	487.00
▪	0 - 200	0 - 8	100	0.01	.0005	0.03	1372 41860	518.00
▪	0 - 300	0 - 12	150	0.01	.0005	0.04	1372 42260	582.00
▪	0 - 500	0 - 20	150	0.01	.0005	0.05	1372 42860	660.00



1998780

Accessories

	Order no.	List price
i-Stick USB-receiver for Integrated Wireless	1998 780	108.00

Integrated Wireless is intended to be sold within the European Economic Area only



1372 DIGI-MET® Depth gauges IP67



1372 416

Model

- Stainless steel
- Inductive measuring system, protection class IP67
- ISO 13385
- Locking screw
- LCD display 11 mm
- Measuring pin dia. 1.5 mm

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- PRESET-Function (setting a numerical value)
- Set to zero at any point
- mm / inch switching

Delivery

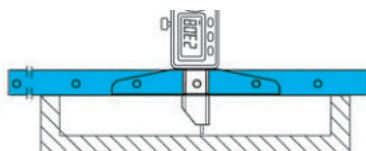
- Plastic case
- Screw-on extended measuring bridges must be ordered separately (page 53)

Icon	Measuring range		Length of beam	Reading		Error limit	Order no.	List price
	mm	inch		mm	mm			
▪	0 - 150	0 - 6	100	0.01	.0005	0.03	1372 416	438.00
▪	0 - 200	0 - 8	100	0.01	.0005	0.03	1372 418	481.00
▪	0 - 300	0 - 12	150	0.01	.0005	0.04	1372 422	536.00
▪	0 - 500	0 - 20	150	0.01	.0005	0.05	1372 428	617.00

1271 Extension depth attachment base



1271 451



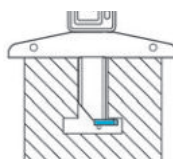
Icon	Measuring bridge length	Order no.	List price
	mm		EUR
	200	1271 451	101.00
	300	1271 452	117.00

1271 Measuring insert for distance measurements



Model

- To be attached to the measuring pin
- Ball dia. 4 mm



Icon	Order no.	List price
		EUR
	1271 455	67.00

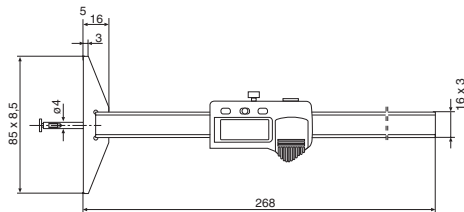
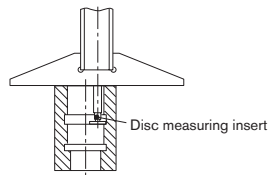
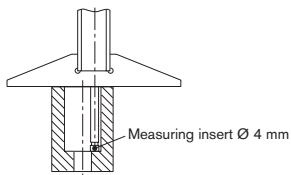


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1376 DIGI-MET® Depth gauge



Example of use



Model

- Stainless steel
- Protection class IP67
- LCD display 7.5 mm
- Locking screw
- ISO 13385

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Reversal of counting direction

- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case
- Disc type insert Ø 7.5 x 1 mm
- Inserts Ø 4 mm, flat and spherical

Measuring range	Length of beam		Reading		Error limit	Order no.	List price
	mm	inch	mm	inch			
0 - 100	0 - 4	85	0.01	.0005	0.02	1376 514	583.00



1998720 1997501 1998501

Accessories

	Order no.	List price
Disc type measuring insert Ø 7.5 x 1 mm	1276 591	21.20
Flat measuring insert Ø 4 mm	1276 592	20.30
Spherical measuring insert Ø 4 mm	1276 593	28.20
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



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1375 DIGI-MET® Small depth gauge



1



Model

- Beam made from stainless steel
- Aluminium body black anodized
- Protection class IP67
- LCD display 7.5 mm
- Factory standard
- Measuring pin Ø 2 mm

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- PRESET-Function (setting a numerical value)
- mm / inch switching
- Variable data output RS 232 + Digimatic + USB

Delivery

- Case

Icon	Measuring range		Length of beam	Reading		Error limit	Order no.	List price
	mm	inch	mm	mm	inch	mm		EUR
	0 - 25	0 - 1	48	0.01	.0005	0.01	1375 502	281.00



1998720 1997501 1998501

Accessories

	Order no.	List price
		EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00



0633 Steel gauge block inspection set for calipers



Model

- EN ISO 3650
- Special steel, hardened
- Tolerance class 1
- Supplied with: setting rings 4 mm and 25 mm

Delivery

- Wooden box

	For measuring range mm	Max. nominal size mm	Order no.	List price EUR
3 pieces	200	30.0 / 41.3 / 131.4	0633 833	635.00
4 pieces	300	30.0 / 41.3 / 131.4 / 243.5	0633 834	847.00
6 pieces	500	30.0 / 41.3 / 131.4 / 243.5 / 281.2 / 481.1	0633 836	1512.00
5 pieces	1000	131.4 / 243.5 / 281.2 / 481.1 / 900	0633 838	2673.00



0003 Wooden cases for calipers



0003 219



0003 231



0003 247

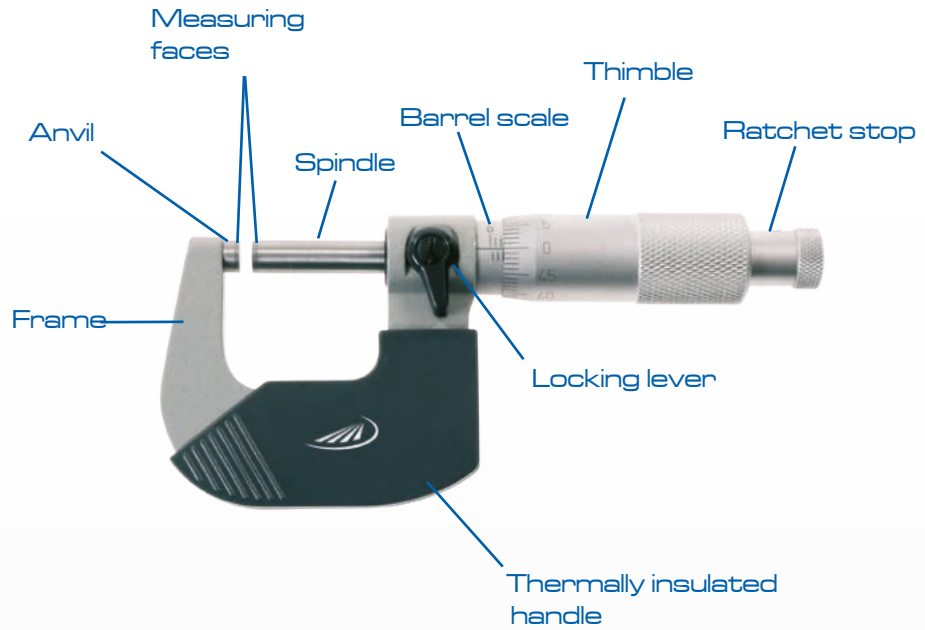
1

	Internal dimensions L x W x H mm	Order no.	List price EUR
With flat foam inlay			
	250 x 90 x 20	0003 219	8.70
	315 x 145 x 20	0003 220	10.40
	370 x 145 x 20	0003 221	13.10
	435 x 175 x 20	0003 222	18.10
	435 x 205 x 20	0003 223	20.20
	610 x 180 x 20	0003 224	30.50
	590 x 220 x 20	0003 225	39.60
	690 x 200 x 20	0003 228	53.00
	690 x 250 x 25	0003 229	54.00
	700 x 315 x 25	0003 230	56.00
	700 x 350 x 21	0003 231	57.00
	1000 x 270 x 25	0003 237	75.00
	1100 x 480 x 25	0003 241	97.00
	1200 x 220 x 25	0003 242	93.00
	1300 x 600 x 25	0003 247	153.00
▪	1800 x 310 x 25	0003 251	172.00
▪	1800 x 380 x 25	0003 252	186.00

Matching wooden boxes on request!



SAMPLES MICROMETERS



Wireless data transmission (Integrated Wireless)



Dust tight and protected against water jets from all directions



Micrometer highlights from our assortment



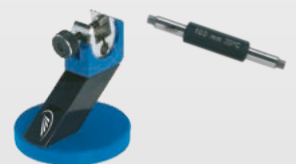
INTERNAL MICROMETERS



SPECIAL MICROMETERS



HOLDER & SETTING STANDARDS



2. CHAPTER MICROMETERS

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60	External micrometers
67	Digital external micrometers
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74	External micrometers with special measuring faces
75	Setting standards for micrometers
76	External micrometers for thread flank measurement
79	External micrometers for gear tooth measurements
79	Wire micrometer
84	Internal micrometers
86	Digital 3 point internal micrometers
88	Digital internal micrometers / with measuring pistol
90	Measuring heads and extensions
91	Depth micrometers



0800 External micrometers



0800 501

**DIN
863-1**

Model

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

Delivery

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

✂	⚙	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	0.5	6.5	17	0.004	0800 501	21.40
		25 - 50	0.5	6.5	17	0.004	0800 502	25.90
		50 - 75	0.5	6.5	17	0.005	0800 503	29.70
		75 - 100	0.5	6.5	17	0.005	0800 504	35.10

0800 Set of external micrometers



Delivery

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

**DIN
863-1**

✂	⚙	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 100	0.5	6.5	17	0800 513	124.00

0807 Holder for external micrometers



Model

- With heavy cast iron base
- Vertically rotating and lockable

Delivery

- Cardboard box

✂	⚙	Measuring range mm	Order no.	List price EUR
		0 - 300	0807 101	64.00



0806 External micrometers with friction clutch



DIN
863-1



0806 501

Model

- 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

Delivery

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

⌘	⌘	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	0.5	6.5	18	0.004	0806 501	38.50
		25 - 50	0.5	6.5	18	0.004	0806 502	42.10
		50 - 75	0.5	6.5	18	0.005	0806 503	45.80
		75 - 100	0.5	6.5	18	0.005	0806 504	49.50

2

0806 Set of external micrometers with friction clutch



DIN
863-1



0806 513

Delivery

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

⌘	⌘	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 100	0.5	6.5	18	0.005	0806 513	181.00



0806 External micrometers



DIN
863-1



Model

- 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

Delivery

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

✕	¼	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	0.5	6.5	17.5	0.004	0806 521	52.00
		25 - 50	0.5	6.5	17.5	0.004	0806 522	84.00
		50 - 75	0.5	6.5	17.5	0.005	0806 523	103.00
		75 - 100	0.5	6.5	17.5	0.005	0806 524	119.00
		100 - 125	0.5	6.5	17.5	0.006	0806 525	162.00
		125 - 150	0.5	6.5	17.5	0.006	0806 526	181.00
		150 - 175	0.5	6.5	17.5	0.007	0806 527	201.00
		175 - 200	0.5	6.5	17.5	0.007	0806 528	221.00

0806 Set of external micrometers



DIN
863-1



Delivery

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

✕	¼	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 100	0.5	6.5	17.5	0806 540	310.00
		100 - 200	0.5	6.5	17.5	0806 542	682.00



0810 External micrometers



DIN
863-1



0810 504

Model

- 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

Delivery

- Wooden case

⌘	⌘	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	1	8	30	0.004	0810 501	312.00
		25 - 50	1	8	30	0.004	0810 502	330.00
		50 - 75	1	8	30	0.005	0810 503	346.00
		75 - 100	1	8	30	0.005	0810 504	367.00

2

0815 External micrometers with deep frame



DIN
863-1



0815 530

Model

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

Delivery

- Wooden case

⌘	⌘	Measuring range mm	Frame depth mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	100	1	8	24	0.004	0815 510	328.00
		0 - 25	150	1	6.5	24	0.004	0815 514	346.00
		0 - 25	250	1	6.5	24	0.004	0815 518	432.00
		0 - 50	50	1	8	24	0.004	0815 530	372.00
		0 - 50	100	1	8	24	0.004	0815 534	549.00
		50 - 100	100	1	8	24	0.005	0815 540	607.00



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0816 External micrometers large spindle distance 50 mm



DIN
863-1



Model

- 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

Delivery

- Wooden case

✕	⊗	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 50	1	8	24	0.004	0816 501	393.00
		50 - 100	1	8	24	0.005	0816 502	443.00
		100 - 150	1	8	24	0.006	0816 503	511.00
		150 - 200	1	8	24	0.007	0816 504	583.00
		200 - 250	1	8	24	0.008	0816 505	664.00
		250 - 300	1	8	24	0.009	0816 506	749.00
		300 - 350	1	10	24	0.01	0816 507	1058.00
		350 - 400	1	10	24	0.011	0816 508	1117.00
		400 - 450	1	10	24	0.012	0816 509	1187.00
		450 - 500	1	10	24	0.013	0816 510	1274.00
		500 - 550	1	10	24	0.015	0816 511	1374.00
		550 - 600	1	10	24	0.017	0816 512	1470.00



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0817 External micrometers with wide range of applications 100 mm



DIN
863-3



2

Model

- 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

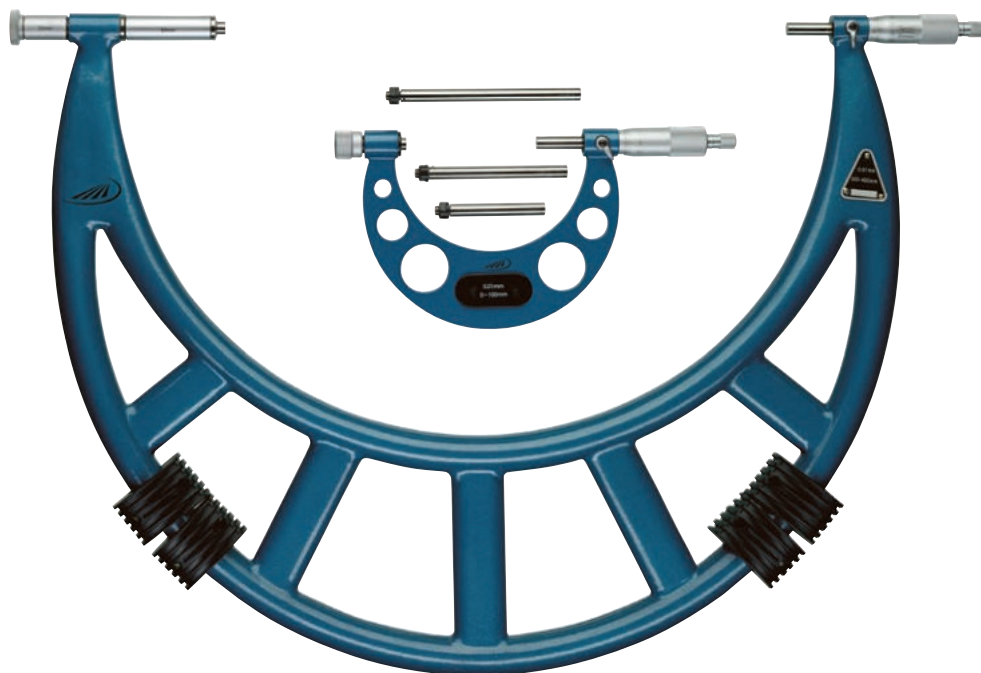
Delivery

- Wooden case

⏪	⏩	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		200 - 300	1	10	24	0.006	0817 512	1263.00
		300 - 400	1	10	24	0.007	0817 514	1313.00
		400 - 500	1	10	24	0.008	0817 516	1470.00
		500 - 600	1	10	24	0.009	0817 518	1668.00
		600 - 700	1	10	24	0.009	0817 520	1866.00
	▪	700 - 800	1	10	24	0.009	0817 522	2070.00
	▪	800 - 900	1	10	24	0.01	0817 524	2278.00
	▪	900 - 1000	1	10	24	0.01	0817 526	2520.00



0819 External micrometers with interchangeable inserts



Model

- 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

Delivery

- Wooden case
- Includes setting standards

✕	¼	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 100	0.5	8	20	0819 501	208.00
		0 - 150	0.5	8	20	0819 502	232.00
		100 - 200	0.5	8	20	0819 503	256.00
		150 - 300	0.5	8	20	0819 505	292.00
		200 - 300	0.5	8	20	0819 510	281.00
		300 - 400	0.5	8	24	0819 511	354.00
		400 - 500	0.5	8	24	0819 512	403.00
		500 - 600	0.5	8	24	0819 513	465.00
		600 - 700	0.5	8	24	0819 514	573.00
	▪	700 - 800	0.5	8	24	0819 515	660.00
	▪	800 - 900	0.5	8	24	0819 516	757.00
	▪	900 - 1000	0.5	8	24	0819 517	855.00
	▪	1000 - 1200	1	8	30	0819 519	1587.00
	▪	1200 - 1400	1	8	30	0819 521	1709.00
	▪	1400 - 1600	1	8	30	0819 523	2013.00
	▪	1600 - 1800	1	8	30	0819 525	2313.00
	▪	1800 - 2000	1	8	30	0819 527	2660.00



0912 Digital micrometers IP54



2

Model

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

Functions

- ON / OFF
- mm / inch switching
- Set to zero at any point

Delivery

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

Icon	Measuring range		Pitch	Spindle dia.	Error limit	Order no.	List price
	mm	inch					
	0 - 25	0 - 1	0.5	6.5	0.006	0912 501	92.00
	25 - 50	1 - 2	0.5	6.5	0.006	0912 502	104.00
	50 - 75	2 - 3	0.5	6.5	0.007	0912 503	119.00
	75 - 100	3 - 4	0.5	6.5	0.007	0912 504	136.00
	100 - 125	4 - 5	0.5	6.5	0.008	0912 505	149.00
	125 - 150	5 - 6	0.5	6.5	0.008	0912 506	164.00
	150 - 175	6 - 7	0.5	6.5	0.009	0912 507	176.00
	175 - 200	7 - 8	0.5	6.5	0.009	0912 508	190.00

0912 Set of digital micrometers



Delivery

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



Icon	Measuring range	Pitch	Spindle dia.	Order no.	List price
	mm	mm	mm		EUR
	0 - 100	0.5	6.5	0912 521	491.00



1866 Digital micrometers IP65



1866 410



1866 510



Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- Hold

▪ Additionally 1866 5xx:

- ORIGIN (Preset value)
- Variable data output USB + Digimatic
- TOL (tolerance value input)

Delivery

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

✕	Measuring range		Pitch mm	Spindle dia. mm	Error limit mm	Order no.	List price EUR
	mm	inch					
Without data output							
	0 - 25	0 - 1	0.5	6.5	0.002	1866 410	234.00
	25 - 50	1 - 2	0.5	6.5	0.002	1866 413	305.00
	50 - 75	2 - 3	0.5	6.5	0.003	1866 417	387.00
	75 - 100	3 - 4	0.5	6.5	0.003	1866 420	441.00
With DataVariable bidirectional							
	0 - 25	0 - 1	0.5	6.5	0.002	1866 510	281.00
	25 - 50	1 - 2	0.5	6.5	0.002	1866 513	337.00
	50 - 75	2 - 3	0.5	6.5	0.003	1866 517	439.00
	75 - 100	3 - 4	0.5	6.5	0.003	1866 520	491.00



1998801

1998802

Accessories

	Order no.	List price EUR
Data cable bidirectional DataVariable to USB	1998 801	111.00
Data cable bidirectional DataVariable to Digimatic	1998 802	96.00



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1866i Digital micrometers IP65 with integrated wireless



1866 41060

integrated IW wireless

Wireless Data Transmission

2

Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- Hold
- ORIGIN (Preset value)
- TOL (tolerance value input)
- Integrated Wireless

Delivery

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

Measuring range	Measuring range		Pitch	Spindle dia.	Error limit	Order no.	List price
	mm	inch					
0 - 25	0 - 1	0.5	6.5	0.002	1866 41060	292.00	
25 - 50	1 - 2	0.5	6.5	0.002	1866 41360	360.00	
50 - 75	2 - 3	0.5	6.5	0.003	1866 41760	439.00	
75 - 100	3 - 4	0.5	6.5	0.003	1866 42060	491.00	

Accessories

	Order no.	List price
		EUR
i-Stick USB-receiver for Integrated Wireless	1998 780	108.00



1998780

More information on our i-series and Integrated Wireless on page 224

Integrated Wireless is intended to be sold within the European Economic Area only



1866i Digital micrometers IP65 linear 5 mm pitch



Specification

- Reading: 0,001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- **Rapid drive**
- Sliding spindle
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- ORIGIN (Preset value)
- Hold
- TOL (tolerance value input)

- Variable data output (1866) USB + Digimatic
- Integrated Wireless (1866i)

Delivery

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

Measuring range	Measuring range		Pitch	Spindle dia.	Error limit	Order no.	List price
	mm	inch					
With DataVariable bidirectional							
0 - 25	0 - 1	5	6.5	0.002	1866 610	383.00	
25 - 50	1 - 2	5	6.5	0.002	1866 613	439.00	
50 - 75	2 - 3	5	6.5	0.003	1866 617	552.00	
75 - 100	3 - 4	5	6.5	0.003	1866 620	597.00	
With Integrated Wireless							
0 - 25	0 - 1	5	6.5	0.002	186661 060	394.00	
25 - 50	1 - 2	5	6.5	0.002	186661 360	450.00	
50 - 75	2 - 3	5	6.5	0.003	186661 760	563.00	
75 - 100	3 - 4	5	6.5	0.003	186662 060	608.00	

Integrated Wireless is intended to be sold within the European Economic Area only

Accessories



Accessories	Order no.	List price
Data cable bidirectional DataVariable to USB	1998 801	111.00
Data cable bidirectional DataVariable to Digimatic	1998 802	96.00
i-Stick USB-receiver for Integrated Wireless	1998 780	108.00



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1866 Digital micrometer BASIC



Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP40
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- Hold

Delivery

- Plastic case

Icon	Measuring range		Pitch mm	Spindle dia. mm	Error limit mm	Order no.	List price EUR
	mm	inch					
	0 - 25	0 - 1	0.5	6.5	0.002	1866 210	198.00

1866i Sets of digital micrometers



Icon	Measuring range		Spindle dia. mm	Order no.	List price EUR
	mm	inch			
With Integrated Wireless					
	0 - 100	0 - 4	6.5	1866 42160	1567.00
With DataVariable bidirectional					
	0 - 100	0 - 4	6.5	1866 521	1533.00

Delivery

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

Accessories

	Order no.	List price EUR
Data cable bidirectional DataVariable to USB	1998 801	111.00
Data cable bidirectional DataVariable to Digimatic	1998 802	96.00
i-Stick USB-receiver for Integrated Wireless	1998 780	108.00



0849 Precision dial micrometers



**DIN
863-3**



0849 501

Model

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 μm
- 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

Delivery

- Plastic case

∇	$\frac{1}{2}$	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 25	0.5	7.5	17.5	0849 501	831.00
		25 - 50	0.5	7.5	17.5	0849 502	988.00

0850 Precision dial micrometers



**DIN
863-3**



0850 511

Model

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 μm
- 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

Delivery

- Wooden case
- Incl. dial comparator gauge

∇	$\frac{1}{2}$	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 25	0.5	7.5	17.5	0850 511	656.00
		25 - 50	0.5	7.5	17.5	0850 512	729.00
		50 - 100	0.5	7.5	17.5	0850 514	775.00
		100 - 150	0.5	7.5	17.5	0850 516	828.00
		150 - 200	0.5	7.5	17.5	0850 518	866.00



0822 Disc micrometers



Model

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

Delivery

- Wooden case

2

Icon	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
	Frame depth 50 mm					
	0 - 15	1	6.5	20	0822 301	108.00
	0 - 25	1	6.5	20	0822 302	163.00
	0 - 50	1	6.5	20	0822 303	299.00
	Frame depth 100 mm					
	0 - 50	1	6.5	20	0822 304	488.00

0824 Micrometers for tube wall measurement



DIN 863-3

Model

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished
- Ratchet stop
- Hardened measuring faces

- Malleable cast iron frame, lacquered

Delivery

- Cardboard box

Icon	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
	Ball dia. 2.5 mm						
	0 - 15	0.5	6.5	20	0.001	0824 302	219.00
	Ball dia. 6.5 mm						
	0 - 25	0.5	6.5	20	0.001	0824 303	221.00



0854 Blade micrometers



**DIN
863-3**



Model

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome finished

Delivery

- Ratchet stop
- Thermally insulated
- Hardened spindle and anvil
- Coated steel frame
- Plastic case
- From measuring range 25 - 50 mm upwards includes a setting standard

⌘	¼	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
Measuring faces dia. 0.8 x 7 mm								
		0 - 25	0.5	8	17.5	0.004	0854 301	290.00
		25 - 50	0.5	8	17.5	0.004	0854 302	352.00
		50 - 75	0.5	8	17.5	0.005	0854 303	377.00
		75 - 100	0.5	8	17.5	0.005	0854 304	410.00



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0898 Settings gauges for micrometers



0898 104

Model

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

⊗	¼	Measuring range mm	Measuring surface dia. mm	Order no.	List price EUR
		25	6.5	0898 101	12.90
		50	6.5	0898 102	21.60
		75	6.5	0898 103	25.50
		100	6.5	0898 104	29.10
		125	6.5	0898 105	33.70
		150	6.5	0898 106	47.70
		175	6.5	0898 107	54.00
		200	6.5	0898 108	59.00
		225	6.5	0898 109	65.00
		250	6.5	0898 110	72.00
		275	6.5	0898 111	76.00
		300	10	0898 112	94.00
		325	10	0898 113	102.00
		350	10	0898 114	109.00
		375	10	0898 115	115.00
		400	10	0898 116	123.00
		425	10	0898 117	131.00
		450	10	0898 118	138.00
		475	10	0898 119	145.00

⊗	¼	Measuring range mm	Measuring surface dia. mm	Order no.	List price EUR
		500	10	0898 120	153.00
		525	10	0898 121	161.00
		550	10	0898 122	168.00
		575	10	0898 123	176.00
		600	10	0898 124	185.00
		625	10	0898 125	193.00
		650	10	0898 126	200.00
		675	10	0898 127	208.00
		700	10	0898 128	217.00
		800	10	0898 132	250.00
		900	10	0898 136	281.00
		1000	10	0898 140	313.00
	▪	1050	10	0898 142	327.00
	▪	1150	10	0898 146	359.00
	▪	1250	10	0898 150	394.00
	▪	1350	10	0898 154	424.00
	▪	1450	10	0898 158	457.00
	▪	1550	10	0898 162	732.00

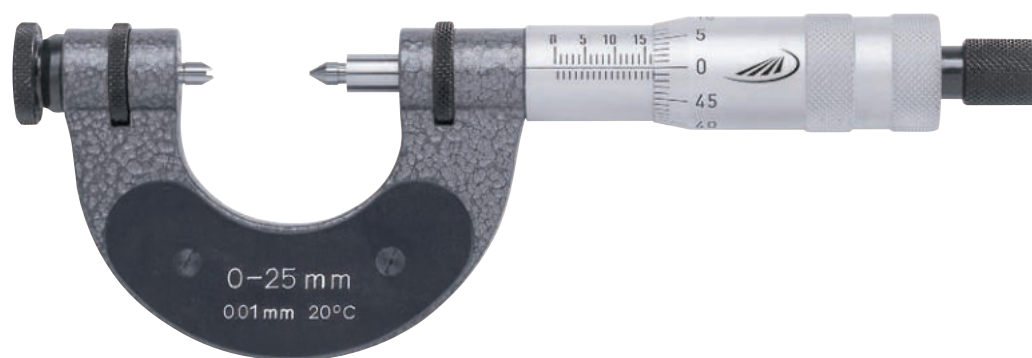
2



0870 Precision micrometers for thread flank measurement



DIN
863-3



Model

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

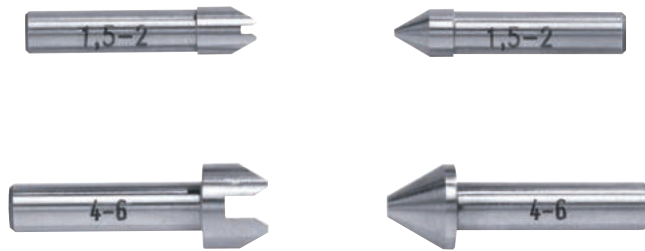
Delivery

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

✕	📏	Measuring range	Pitch	Thimble dia.	Error limit	Spindle adjustment	Required length of setting standard	Order no.	List price
		mm	mm	mm	mm	mm	mm		EUR
For inserts with shank dimensions, dia. 3.5 x 13.5 mm									
		0 - 25	0.5	20	0.004	25	-	0870 301	370.00
		25 - 50	0.5	20	0.004	25	25	0870 302	387.00
		50 - 75	0.5	20	0.005	25	50	0870 303	416.00
		75 - 100	0.5	20	0.005	25	75	0870 304	455.00
		100 - 125	0.5	20	0.006	25	100	0870 305	499.00
		125 - 150	0.5	20	0.006	25	125	0870 306	541.00
		150 - 200	0.5	20	0.007	50	175	0870 307	772.00
		200 - 250	0.5	20	0.008	50	225	0870 309	843.00
		250 - 300	0.5	20	0.009	50	275	0870 311	928.00



0870 Thread flank inserts for external measurement



Model

- 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

Icon	Pitch angle in degrees	Pitch mm	Applicable for UNC, UNF 60°	Thread pitch in TPI mm	Order no.	List price EUR
Metric ISO - threads						
	60°	0.35 - 0.50	72 - 48		0870 901	140.00
	60°	0.60 - 0.80	44 - 32		0870 903	121.00
	60°	0.90 - 1.25	28 - 18		0870 905	121.00
	60°	1.5 - 2.0	16 - 11		0870 907	121.00
	60°	2.5 - 3.5	10 - 7		0870 909	121.00
	60°	4.0 - 6.0	6 - 4		0870 911	140.00
Whitworth - threads						
	55°			60 - 48	0870 921	153.00
	55°			40 - 32	0870 923	132.00
	55°			28 - 22	0870 925	132.00
	55°			20 - 16	0870 927	132.00
	55°			14 - 11	0870 929	132.00
	55°			10 - 7	0870 931	132.00
	55°			6 - 4	0870 933	153.00
Metric ISO - Trapezoid threads (DIN 103)						
	30°	1.5			0870 941	359.00
	30°	2.0			0870 943	261.00
	30°	3.0			0870 945	229.00
	30°	4.0			0870 947	229.00
	30°	5.0 - 6.0			0870 949	229.00
	30°	7.0 - 8.0			0870 951	229.00
	30°	9.0 - 10.0			0870 953	261.00
	30°	12.0 - 14.0			0870 955	359.00




0870 Thread flank setting gauges for external measurement



Model

- 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 treads every pitch requires a separate setting standard**

	Length mm	Pitch angle in degrees	Available for following pitches mm	Error limit µm	Order no.	List price EUR
Metric ISO - threads						
	25	60 °		3	0870 801	88.00
	50	60 °		3	0870 802	90.00
	75	60 °		3	0870 803	91.00
	100	60 °		4	0870 804	92.00
	125	60 °		4	0870 805	93.00
	175	60 °		4	0870 807	103.00
	225	60 °		4	0870 809	117.00
	275	60 °		4	0870 811	128.00
Whitworth - threads						
	25	55 °		3	0870 821	88.00
	50	55 °		3	0870 822	90.00
	75	55 °		3	0870 823	91.00
	100	55 °		4	0870 824	97.00
	125	55 °		4	0870 825	99.00
	175	55 °		4	0870 827	113.00
	225	55 °		4	0870 829	129.00
	275	55 °		4	0870 831	148.00
Metric ISO - Trapezoid threads (DIN 103)*						
	25	30 °	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	4	0870 841	192.00
	50	30 °	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	4	0870 842	198.00
	75	30 °	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	4	0870 843	203.00
	100	30 °	3 / 4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	5	0870 844	211.00
	125	30 °	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	5	0870 845	229.00
	175	30 °	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	5	0870 847	273.00
	225	30 °	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	5	0870 849	333.00
	275	30 °	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	5	0870 851	408.00

* When ordering the respective pitch must be specified



0864 Disc micrometers to measure gear tooth



DIN 863-3

Model

- 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

Delivery

- Wooden case

⌘	⌘	Measuring range mm	Disc dia. mm	Pitch mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
		0 - 25	25	0.5	20	0.004	0864 321	372.00
		25 - 50	25	0.5	20	0.004	0864 322	447.00
		50 - 75	25	0.5	20	0.005	0864 323	484.00
		75 - 100	25	0.5	20	0.005	0864 324	526.00
		100 - 125	25	0.5	20	0.006	0864 325	567.00
		125 - 150	25	0.5	20	0.006	0864 326	608.00
		150 - 175	25	0.5	20	0.007	0864 327	653.00
		175 - 200	25	0.5	20	0.007	0864 328	698.00

2

0890 Wire thickness micrometer



Model

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

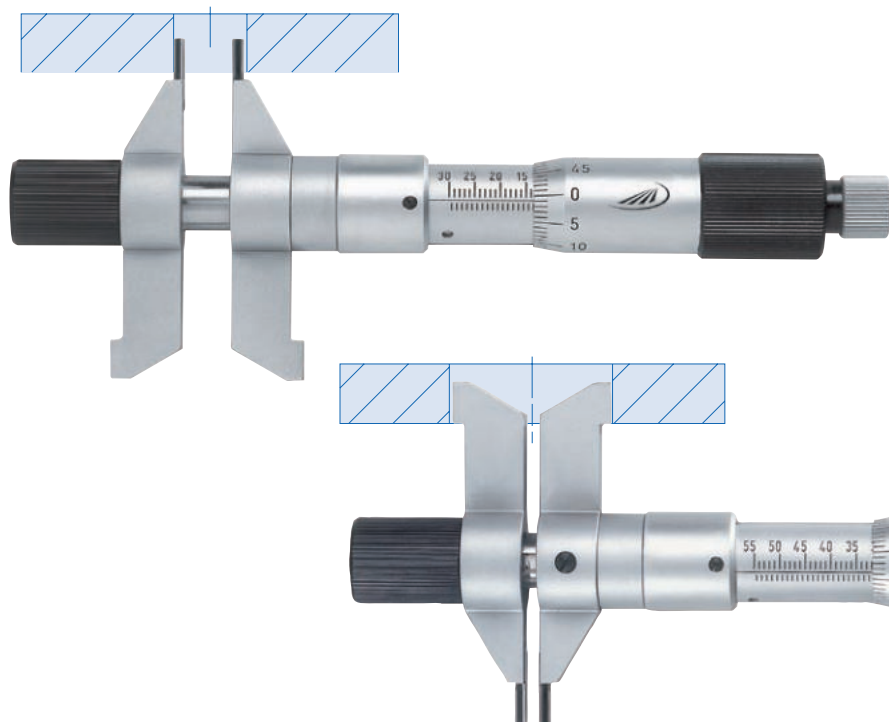
Delivery

- Cardboard box

⌘	⌘	Measuring range mm	Pitch mm	Spindle dia. mm	Thimble dia. mm	Order no.	List price EUR
		0 - 10	0.5	6	18	0890 511	78.00



0884 Internal micrometer with measuring jaws



Model

DIN
863-4

- 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

Delivery

- Wooden case

✂	¼	Measuring range mm	Thimble dia. mm	Pitch mm	Error limit µm	Order no.	List price EUR
		5 - 55	20	0.5	2.5	0884 501	998.00

0885 Internal micrometers with measuring jaws



0885 502

Model

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

Delivery

- Plastic case

✂	¼	Measuring range mm	Thimble dia. mm	Pitch mm	Order no.	List price EUR
		5 - 30	17	0.5	0885 501*	207.00
		25 - 50	17	0.5	0885 502	229.00
		50 - 75	17	0.5	0885 503	241.00
		75 - 100	17	0.5	0885 504	288.00
		100 - 125	17	0.5	0885 505	366.00
		125 - 150	17	0.5	0885 506	422.00
		150 - 175	17	0.5	0885 507	537.00
		175 - 200	17	0.5	0885 508	609.00



0888 Internal micrometers cylindrical version



Model

DIN
863-4

- 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

Delivery

- Wooden case

»	¼	Measuring range mm	Thimble dia. mm	Pitch mm	Error limit µm	Order no.	List price EUR
		25 - 30	15	0.5	4	0888 501	193.00
		30 - 35	15	0.5	4	0888 502	193.00
		35 - 50	15	0.5	4	0888 503	193.00
		50 - 75	16	0.5	5	0888 504	202.00
		75 - 100	17	0.5	5	0888 505	209.00
		100 - 125	20	0.5	6	0888 506	234.00
		125 - 150	20	0.5	6	0888 507	239.00
		150 - 175	20	0.5	7	0888 508	247.00
		175 - 200	20	0.5	7	0888 509	257.00
		200 - 225	20	0.5	8	0888 510	264.00
		225 - 250	20	0.5	8	0888 511	272.00
		250 - 275	20	0.5	9	0888 512	281.00
		275 - 300	20	0.5	9	0888 513	292.00
		300 - 325	20	0.5	10	0888 514	304.00
		325 - 350	20	0.5	10	0888 515	310.00
		350 - 375	20	0.5	11	0888 516	324.00
		375 - 400	20	0.5	11	0888 517	331.00
		400 - 425	20	0.5	12	0888 518	343.00
		425 - 450	20	0.5	12	0888 519	354.00
		450 - 475	20	0.5	13	0888 520	362.00
		475 - 500	20	0.5	13	0888 521	370.00

0888 Holder for internal micrometers



Model

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

»	¼	Order no.	List price EUR
		0888 101	62.00



0892 Internal micrometers with interchangeable extensions



DIN
863-4



0892 501

Model

- DIN 863-4
- Reading: 0.01 mm
- Reading parts are satin chrome finished

Delivery

- Threaded extension rods with thermally insulated handle
- Carbide measuring faces, spherical lapped
- Wooden case

✂	☞	Measuring range mm	Thimble dia. mm	Pitch mm	Extensions	Error limit μm	Order no.	List price EUR
		50 - 150	17	0.5	25 / 50	6	0892 501	473.00
		50 - 250	17	0.5	25 / 50 / 100	8	0892 502	580.00
		50 - 450	17	0.5	25 / 50 / 100 / 200	10	0892 503	714.00
		50 - 850	17	0.5	25 / 50 / 100 / 200 / 400	12	0892 504	900.00
		50 - 1450	17	0.5	25 / 50 / 100 / 200 / 400 / 600	15	0892 505	1142.00

0892 Extensions for internal micrometers



0892 334

✂	☞	Length mm	Order no.	List price EUR
		25	0892 332	90.00
		50	0892 333	91.00
		100	0892 334	101.00
		200	0892 336	123.00
		400	0892 339	163.00
		600	0892 340	229.00



0894 Precision internal micrometers with extensions



DIN
863-4



Model

- 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

- Basic internal micrometer is adjustable: 50 mm. The spindle is tight, so that during measurement the thimble does not adjust itself.

Delivery

- Wooden case

✕	¼	Measuring range mm	Length of extensions mm (tube dia. 17 mm)	Length of extensions mm (tube dia. 32 mm)	Error limit µm	Order no.	List price EUR
		100 - 150	only micrometer, excludes case	-	4	0894 504	281.00
		100 - 300	50 / 100	-	7	0894 510	748.00
		100 - 500	50 / 100 / 200	-	9	0894 514	1009.00
		100 - 900	50 / 100 / 200 / 400	-	11	0894 518	1303.00
		100 - 1300	50 / 100 / 200 / 400 / 400	-	13	0894 522	1604.00
		100 - 1700	50 / 100 / 200 / 400 / 800	-	15	0894 526	1650.00
		100 - 2100	50 / 100 / 200 / 400 / 400 / 800	-	18	0894 530	1936.00
		100 - 2500	50 / 100 / 200 / 400 / 800 / 800	-	21	0894 534	1987.00
		100 - 2000	50 / 100 / 200 / 200	500 / 1 x 1000	18	0894 538	3469.00
		100 - 3000	50 / 100 / 200 / 200	500 / 2 x 1000	30	0894 542	4525.00
		100 - 4000	50 / 100 / 200 / 200	500 / 3 x 1000	40	0894 546	5617.00
	▪	100 - 5000	50 / 100 / 200 / 200	500 / 4 x 1000	50	0894 550	6673.00
	▪	100 - 6000	50 / 100 / 200 / 200	500 / 5 x 1000	60	0894 554	7731.00

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



✕	¼	Length mm	Tube dia. mm	Order no.	List price EUR
		50	17	0894 804	202.00
		100	17	0894 806	229.00
		200	17	0894 810	247.00
		400	17	0894 820	273.00
		800	17	0894 834	310.00
		500	32	0894 854	1019.00
		1000	32	0894 872	1058.00



1921 3 point internal micrometers



**DIN
863-4**



1921 512



1921 534

Model

- 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

Delivery

- Plastic case
- Incl. setting ring
- Calibration certificate for ring and micrometer



Inclusive!

✕	📏	Measuring range mm	Measuring depth mm	Thimble dia. mm	Error limit µm	Order no.	List price EUR
▪		6 - 8	58	16	4	1921 510*	449.00
▪		8 - 10	58	16	4	1921 512*	449.00
▪		10 - 12	58	16	4	1921 514*	449.00
▪		12 - 16	64	16	4	1921 516*	449.00
▪		16 - 20	64	16	4	1921 518*	476.00
▪		20 - 25	68	25	4	1921 520	488.00
▪		25 - 30	68	25	4	1921 522	495.00
▪		30 - 40	76	25	4	1921 524	556.00
▪		40 - 50	76	25	4	1921 526	556.00
▪		50 - 60	79	25	5	1921 528	641.00
▪		60 - 70	79	25	5	1921 530	660.00
▪		70 - 85	97	25	5	1921 532	678.00
▪		85 - 100	97	25	5	1921 534	696.00
▪		100 - 125	132	25	6	1921 536	976.00
▪		125 - 150	132	25	6	1921 538	1153.00
▪		150 - 175	132	25	7	1921 540	1214.00
▪		175 - 200	132	25	7	1921 542	1282.00



1920 Set of 3 point internal micrometers



DIN
863-4



Model

- 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

Delivery

- Plastic case
- Incl. setting ring
- Calibration certificate for ring and micrometer

2

✕	¼	Measuring range mm	Thimble dia. mm	Number of devices	Order no.	List price EUR
▪		6 - 12	16	3	1920 574	1270.00
▪		12 - 20	16	2	1920 576	891.00
▪		20 - 50	25	4	1920 578	2197.00
▪		50 - 100	25	4	1920 580	2624.00

1920 Measuring depth extensions for 3 point internal micrometers



Model

- Suitable for devices 1920, 1921, 1923 and 1924



✕	¼	Measuring range mm	Length mm	Order no.	List price EUR
		6 - 12	75	1920 910	104.00
		12 - 20	75	1920 914	111.00
		20 - 30	100	1920 920	117.00
		30 - 200	100	1920 924	140.00



1923 DIGI-MET® 3 point internal micrometers



Model

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP52
- LCD display 8.5 mm
- Ratchet stop
- For through holes
- From measuring range 12 mm for through and blind holes
- From measuring range 12 mm with carbide tipped measuring faces

Functions

- ON / OFF
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- **Quick-Lock** (key lock)
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Delivery

- Plastic case
- Incl. setting ring
- Calibration certificate for setting ring and micrometer



Inclusive!

✕	☒	Measuring range mm	Measuring depth mm	Error limit µm	Order no.	List price EUR
▪		6 - 8	58	4	1923 510	1239.00
▪		8 - 10	58	4	1923 512	1239.00
▪		10 - 12	58	4	1923 514	1251.00
▪		12 - 16	64	4	1923 516	1251.00
▪		16 - 20	64	4	1923 518	1304.00
▪		20 - 25	68	4	1923 520	1327.00
▪		25 - 30	68	4	1923 522	1339.00
▪		30 - 40	76	4	1923 524	1398.00
▪		40 - 50	76	4	1923 526	1404.00
▪		50 - 60	79	5	1923 528	1510.00
▪		60 - 70	79	5	1923 530	1544.00
▪		70 - 85	97	5	1923 532	1579.00
▪		85 - 100	97	5	1923 534	1639.00
▪		100 - 125	132	6	1923 536	1991.00
▪		125 - 150	132	6	1923 538	2226.00
▪		150 - 175	132	7	1923 540	2397.00
▪		175 - 200	132	7	1923 542	2602.00



1998720



1998501



1997501

Accessories

- Data cable DATA VARIABLE to RS232
- Data cable DATA VARIABLE to digimatic
- Data cable DATA VARIABLE to USB

Order no.

- 1997 501
- 1998 501
- 1998 720

List price EUR

- 57.00
- 73.00
- 82.00



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1923 DIGI-MET® Set of 3 point internal micrometers



Delivery

- Plastic case
- Incl. setting ring
- Calibration certificate for setting ring and micrometer



Measuring range	Error limit	Number of devices	Order no.	List price
				EUR
6 - 12	4 μm	3	1923 574	1996.00
12 - 20	4 μm	2	1923 576	1762.00
20 - 50	4 μm	4	1923 578	2584.00
50 - 100	5 μm	4	1923 580	3171.00



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1998501

1997501

Accessories

	Order no.	List price
		EUR
Data cable DATA VARIABLE to RS232	1997 501	57.00
Data cable DATA VARIABLE to digimatic	1998 501	73.00
Data cable DATA VARIABLE to USB	1998 720	82.00

1923 DIGI-MET® Basic unit for 3 point internal micrometers



Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP52
- LCD display 8.5 mm
- Ratchet stop
- Mounting thread for changing of measuring heads

Functions

- ON / OFF
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- Quick-Lock (key lock)
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Measuring range	Order no.	List price
mm		EUR
6 - 20	1923 100	899.00
20 - 100	1923 200	899.00
100 - 200	1923 300	899.00

Single measuring heads on page 116



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1924 DIGI-MET® 3 point internal measuring pistols



Model

- For through holes
- Mounting thread for changing of measuring heads
- From measuring range 12 mm for through and blind holes
- From measuring range 12 mm with carbide tipped measuring faces
- Digital indicator recommended as display device

Delivery

- Plastic case
- Incl. setting ring
- Without display device
- Calibration certificate **for setting ring** included



Inclusive!

⌘	⚙	Measuring range mm	Measuring depth mm	Order no.	List price EUR
▪		6 - 8	58	1924 510	922.00
▪		8 - 10	58	1924 512	922.00
▪		10 - 12	58	1924 514	934.00
▪		12 - 16	64	1924 516	946.00
▪		16 - 20	64	1924 518	981.00
▪		20 - 25	68	1924 520	981.00
▪		25 - 30	68	1924 522	1016.00
▪		30 - 40	76	1924 524	1069.00
▪		40 - 50	76	1924 526	1075.00
▪		50 - 60	79	1924 528	1169.00
▪		60 - 70	79	1924 530	1215.00
▪		70 - 85	97	1924 532	1257.00
▪		85 - 100	97	1924 534	1316.00
▪		100 - 125	132	1924 536	1621.00
▪		125 - 150	132	1924 538	1868.00
▪		150 - 175	132	1924 540	1996.00
▪		175 - 200	132	1924 542	2232.00



1726506



172650660

Accessories

- DIGI-MET® Indicator
- DIGI-MET® Indicator with integrated wireless

Order no.

- 1726 506
- 172650 660

List price EUR

- 429.00
- 479.00

Calibration certificate for pistol and head only possible in combination with an Indicator



1924 DIGI-MET® Set of 3 point internal measuring pistols



Model

- For through holes
- From measuring range 12 mm for through and blind holes
- From measuring range 12 mm with carbide tipped measuring faces
- Digital indicator recommended as display device

Delivery

- Plastic case
- Incl. setting ring
- Without display device
- Calibration certificate **for setting ring** included

▶	▶	Measuring range mm	Number of devices	Order no.	List price EUR
▪		6 - 12	3	1924 574	1645.00
▪		12 - 20	2	1924 576	1409.00
▪		20 - 50	4	1924 578	2349.00
▪		50 - 100	4	1924 580	3054.00

Calibration certificate for pistol and head on request, only possible in combination with an Indicator

1924 DIGI-MET® Basic unit for 3 point internal measuring pistols



Model

- Mounting thread for changing of measuring heads
- Support for indicators with shaft \varnothing 8 mm
- Measuring range 6-100 mm incl. adapter for 6-20 mm

Delivery

- Plastic case

▶	▶	Measuring range mm	Order no.	List price EUR
		6 - 100	1924 100	564.00
		20 - 100	1924 200	564.00
		100 - 200	1924 300	659.00

Accessories

	Order no.	List price EUR
Replacement adapter 6-20 mm for measuring pistol 1924 100	1924 190	90.00

Single measuring heads on page 90



1922 Individual measuring heads for 1923 / 1924



1922 512



1922 534

Model

- Self centering measuring head with three anvils, offset at intervals of 120°
- From measuring range 12 mm with carbide tipped measuring faces
- From measuring range 12 mm for through and blind holes
- From measuring range 40 mm, measuring heads are made of aluminium to reduce weight
- Can only be used on digital internal micrometers

✂	📏	Measuring range mm	Order no.	List price EUR
		6 - 8	1922 510	341.00
		8 - 10	1922 512	341.00
		10 - 12	1922 514	346.00
		12 - 16	1922 516	346.00
		16 - 20	1922 518	359.00
		20 - 25	1922 520	370.00
		25 - 30	1922 522	383.00
		30 - 40	1922 524	429.00
		40 - 50	1922 526	429.00
		50 - 60	1922 528	511.00
		60 - 70	1922 530	523.00
		70 - 85	1922 532	540.00
		85 - 100	1922 534	558.00
		100 - 125	1922 536	816.00
		125 - 150	1922 538	992.00
		150 - 175	1922 540	1075.00
		175 - 200	1922 542	1111.00

1920 Measuring depth extensions for 3 point internal micrometers



Model

- Suitable for devices 1920, 1921, 1923 and 1924



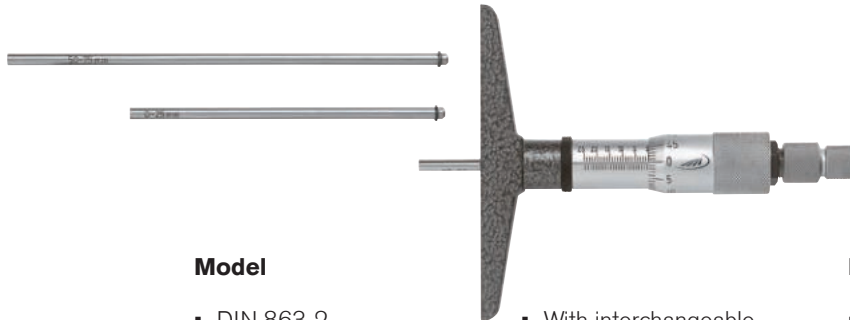
✂	📏	Measuring range mm	Length mm	Order no.	List price EUR
		6 - 12	75	1920 910	104.00
		12 - 20	75	1920 914	111.00
		20 - 30	150	1920 920	117.00
		30 - 200	150	1920 924	140.00



0882 Depth micrometers



DIN
863-2



Model

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

Delivery

- Wooden case

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

»	¼	Measuring range mm	Length of beam mm	Pitch mm	Thimble dia. mm	Error limit mm	Order no.	List price EUR
Measuring faces dia. 0.8 mm, length 8.5 mm								
		0 - 50	50	0.5	20	0.004	0882 300	331.00
		0 - 75	50	0.5	20	0.005	0882 301	360.00
		0 - 100	100	0.5	20	0.005	0882 303	395.00
		0 - 150	100	0.5	20	0.006	0882 304	463.00
		0 - 300	100	0.5	20	0.009	0882 306	744.00

0886 Micrometer heads



DIN
863-2



Model

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

Delivery

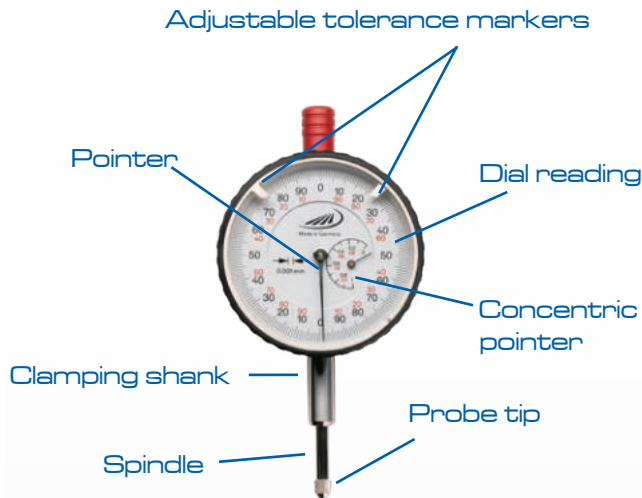
- Plastic case



»	¼	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Attachment dia. mm	Error limit mm	Description	Order no.	List price EUR
		0 - 6.5	3.5	9.5	6.0	0.003	without ratchet stop	0886 503	27.50
		0 - 13	6.5	13.5	9.5	0.003	without ratchet stop	0886 505	31.70
		0 - 25	6.5	18	12	0.003	with ratchet stop	0886 507	27.50
		0 - 25	8	18	12	0.003	ratchet stop, non-rotating spindle	0886 513	48.80



SAMPLES INDICATORS



Specifications

- Housing made from metal or polyamide
- Replacement probe tips M 2.5
- Shockproof devices available
- Water and oil proof devices available

Electronic functions

QuickStart Electronic:
Moving the spindle starts your measurement



QuickLock Function:
Single keys can be locked individually



Data Variable:
Interface for USB, RS 232 & Digimatic



Integrated data transmission
(Integrated Wireless)



Individual tolerance limit values

Data Variable Interface



Combined analogue / digital display

1734i

with integrated wireless

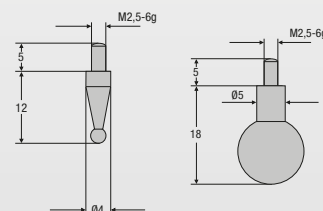
Matching accessories for our Indicators



MEASURING TABLES



MEASURING STANDS



MEASURING INSERTS

3. CHAPTER INDICATORS

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94	Indicators
100	Dial gauges
105	Precision indicators
106	Accessories for dial gauges and precision indicators
108	Measuring inserts for dial gauges
112	Dial test indicators
113	Dial thickness gauge
114	Internal bore gauges for blind holes
115	Crankshaft gauges / Length measuring instruments
116	Comparator gauge UHRTAST
122	Magnetic measuring stands
126	Measuring tables
129	Bench centres
136	Shaft measuring instruments



1722 / 1723 / 1724 DIGI-MET® Indicators



1722 502



1723 502



1724 502

Model

- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M 2.5
- Protection class IP52
- Clamping shank Ø 8 mm
- LCD display with 12 mm high numerals
- Accuracy according to factory standard

Functions

- ON / OFF
- **Quick-Start**
- **Quick-Lock** (key lock)
- Set to zero at any point
- Reversal of counting direction
- mm / inch switching
- Individual key lock

Delivery

- Cardboard box

- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB

Measuring span	Resolution		Error limit	Measuring force	Order no.	List price
	mm	inch				
12.5	0.01	.0005	0.02	0.5 - 1	1722 502	161.00
12.5	0.005	.0001	0.015	0.5 - 1	1723 502	202.00
12.5	0.001	.00005	0.005	0.5 - 1	1724 502	334.00



1998720



1997501



1998501

Accessories

	Order no.	List price
Data cable Data Variable to USB	1998 720	82.00
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Cable release (12,5 mm)	1739 920	16.80



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1726 / 1728 DIGI-MET® Indicators



1726 502



1728 502

Model

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M 2.5
- Protection class IP42
- Clamping shank Ø 8 mm
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- Reversal of counting direction
- Factor input

Delivery

- Cardboard box

Measuring span	Resolution		Error limit		Repeatability	Measuring force	Order no.	List price	
	mm	mm	inch	total span mm					partial span** mm
Reading 0.001 mm									
12.5	0.001*	.00005		0.004	0.002	0.001	0.65 - 0.9	1726 502	389.00
25	0.001*	.00005		0.004	0.002	0.001	0.65 - 1.15	1726 506	429.00
50	0.001*	.00005		0.007	0.002	0.001	1.25 - 2.7	1726 510	754.00
100	0.001*	.00005		0.008	0.002	0.001	1.6 - 3.5	1726 514	934.00
Reading 0.01 mm									
12.5	0.01	.0005		0.02		0.01	0.65 - 0.9	1728 502	326.00
25	0.01	.0005		0.02		0.01	0.65 - 1.15	1728 506	415.00
50	0.01	.0005		0.02		0.01	1.25 - 2.7	1728 510	677.00
100	0.01	.0005		0.02		0.01	1.6 - 3.5	1728 514	866.00

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

** Partial span = 25 steps by step value 0.0005 mm



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1997501

Accessories

	Order no.	List price EUR
Data cable Data Variable to USB	1998 720	82.00
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Cable release (12,5 mm)	1739 910	45.10



1730 DIGI-MET® Indicators



Model

- Aluminium housing
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M 2.5
- Protection class IP54
- Clamping shank Ø 8 mm
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start**
- Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- Reversal of counting direction

Delivery

- Cardboard box

Measuring span	Resolution			Error limit		Repeatability	Measuring force	Order no.	List price
	mm	mm	inch	total span mm	partial span** mm				
12.5	0.001	.00005		0.004	0.002	0.001	0.65 - 0.9	1730 502	431.00
25	0.001	.00005		0.004	0.002	0.001	0.65 - 1.15	1730 506	486.00

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

** Partial span= 25 steps by step value 0.0005 mm



1998720 1998501 1997501

Accessories

	Order no.	List price
Data cable Data Variable to USB	1998 720	82.00
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Cable release (12,5 mm)	1739 910	45.10



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1734 DIGI-MET® indicators with combined analogue / digital display



1734 502



1734 506

Model

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M 2.5
- Protection class IP42
- Clamping shank Ø 8 mm
- Display unit can be rotated through 280°
- LCD display with 8.5 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- MIN / MAX
- TIR (MIN-MAX differential)
- Reversal of counting direction

Delivery

- Cardboard box

Measuring span	Resolution		Error limit		Repeatability	Measuring force	Order no.	List price
	mm	inch	total span mm	partial span** mm				
12.5	0.001	.00005	0.004	0.002	0.001	0.65 - 0.9	1734 502	448.00
25	0.001	.00005	0.004	0.002	0.001	0.65 - 1.15	1734 506	513.00

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

** Partial span= 25 steps by step value 0.0005 mm



1998720

1998501

1997501

Accessories

	Order no.	List price EUR
Data cable Data Variable to USB	1998 720	82.00
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Cable release (12,5 mm)	1739 910	45.10



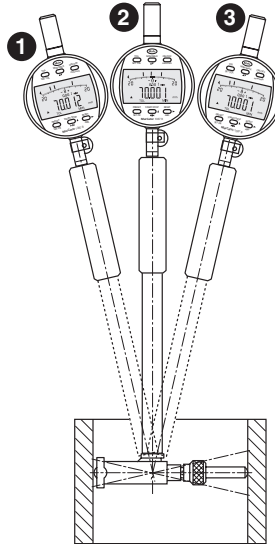
1734 DIGI-MET® indicator with combined analogue / digital display



for comparator gauges



1734 522



Application

The turning point can be determined automatically in measurements with a 2 point internal measuring device through commuting. The actual value is detected and stored by the MIN function and appears on the display.

Model

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M 2.5
- Protection class IP42
- Clamping shank Ø 8 mm
- Display unit can be rotated through 280°
- LCD display with 8.5 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start**
- Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- MIN / MAX
- Reversal of counting direction
- Factor input
- Individual key lock
- Variable data output RS 232 + Digimatic + USB
- PRESET-Function (setting a numerical value)

Delivery

- Cardboard box

Measuring span	Resolution		Error limit		Repeatability	Measuring force	Order no.	List price
	mm	mm	inch	total span mm				
12.5	0.001	.00005	0.004	0.002	0.001	0.65 - 0.9	1734 522	581.00

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

** Partial span = 25 steps by step value 0.0005 mm

Accessories

	Order no.	List price
Cable release (12,5 mm)	1739 910	45.10
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Data cable Data Variable to USB	1998 720	82.00



1998720

1998501

1997501



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1726i / 1734i DIGI-MET® Indicators with integrated wireless



1726 50260



1734 50260



integrated IW wireless

Wireless Data Transmission



Model

- Aluminium housing
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M2.5
- Protection class IP42
- Clamping shank Ø 8mm
- Display can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start**
- Quick-Lock** (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- Reversal of counting direction

- Factor input
- Individual key lock
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digimatic + USB
- Integrated Wireless

Delivery

- Cardboard box

More information on our i-series and Integrated Wireless on page 224

Measuring span	Resolution		Error limit		Repeatability	Measuring force	Order no.	List price	
	mm	mm	inch	total span mm					partial span** mm
12.5	0.0005	.00002		0.004	0.002	0.001	0.65 - 0.9	1726 50260	441.00
25	0.0005	.00002		0.004	0.002	0.001	0.65 - 1.15	1726 50660	479.00
With combined analogue / digital display and MIN / MAX / TIR Function									
12.5	0.0005	.00002		0.004	0.002	0.001	0.65 - 0.85	1734 50260	498.00
25	0.0005	.00002		0.004	0.002	0.001	0.65 - 0.9	1734 50660	561.00

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

** Partial span= 25 steps by step value 0.0005 mm



1998780

Accessories

	Order no.	List price
Data cable Data Variable to USB	1998 720	82.00
Data cable Data Variable to RS232	1997 501	57.00
Data cable Data Variable to digimatic	1998 501	73.00
Cable release (12,5 mm)	1739 910	45.10
i-Stick USB-receiver for Integrated Wireless	1998 780	108.00

Integrated Wireless is intended to be sold in the European Economic Area only



0701 Small dial gauges with lightweight plastic housing



Model

- Lightweight housing made of polyamide
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- DIN 878

Delivery

- Fitted case

DIN
878

☒	☒	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
		Small dial gauge					
		5	0.01	0.5	40	0701 101	51.00
		Shockproof small dial gauge					
		5	0.01	0.5	40	0701 102	64.00

0708 Small dial gauges



0708 101



0708 102

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- With a revolution counter
- DIN 878

Delivery

- Fitted case

DIN
878

☒	☒	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
		10	0.01	1.0	40	0708 101	109.00
		5	0.01	0.5	40	0708 102	69.00
		3	0.01	0.5	32	0708 103	84.00
		3	0.01	0.5	40	0708 104	57.00
		Shockproof small dial gauge					
		3	0.01	0.5	40	0708 105	69.00
		5	0.01	0.5	40	0708 106	92.00



0701 Dial gauges



**DIN
878**



0701 106



0701 110

Model

- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- DIN 878
- 0701 103 = Factory standard

Delivery

- Fitted case

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
Dial gauge, plastic housing	10	0.01	1	58	0701 103	27.10
Dial indicator with shock protection, injection-molded housing	10	0.01	1	58	0701 106	28.20
Dial gauge, metal housing	10	0.01	1	58	0701 110	47.00
Shockproof dial gauge, metal housing	10	0.01	1	58	0701 111	54.00

3

0703 Dial gauges with extended measuring range



0703 101

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- With a concentric pointer
- Factory standard

Delivery

- Fitted case

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
	30	0.01	1	58	0703 101	124.00
	50	0.01	1	58	0703 104	173.00
	80	0.01	1	58	0703 107	346.00



0704 Shockproof dial gauges



**DIN
878**



0704 105



0704 109

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- Shockproof

Delivery

- Fitted case

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
Revolution counter: DIN 878						
	10	0.01	1	58	0704 105	88.00
With fine adjustment of the pointer: DIN 878						
	10	0.01	1	58	0704 106	109.00
Concentric pointer: Factory standard						
	30	0.01	1	58	0704 109	143.00
	50	0.01	1	58	0704 110	184.00

0707 Water and oil proof dial gauges



**DIN
878**



0707 102

Model

- Metal housing, water and oil proof
- Protection class IP67
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- Rubber bellows
- Shockproof
- Outer ring (Bezel) can be rotated through 360°
- DIN 878

Delivery

- Fitted case

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
	3	0.01	0.5	44.5	0707 101	156.00
	10	0.01	1	61.5	0707 102	133.00



0700 Dial gauges, graduation 0.1 mm



0700 102



0700 104

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- Factory standard

Delivery

- Fitted case

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
	10	0.1	10	40	0700 100	76.00
	5	0.1	5	40	0700 101	76.00
	10	0.1	10	58	0700 102	58.00
Straight line revolution counter						
	30	0.1	10	58	0700 104	67.00

0702 Dial gauge with concentric mm display



0702 106

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- With a concentric pointer
- DIN 878

Delivery

- Fitted case

DIN 878

	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
	10	0.01	1	58	0702 106	77.00



0705 Precision dial gauges



0705 102

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- With a revolution counter
- Factory standard

Delivery

- Fitted case

✂	📄	Measuring span mm	Scale graduation value mm	Range per rev. mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
		1	0.001	0.2	40	0705 102	137.00
		1	0.001	0.2	58	0705 104	137.00
		5	0.001	0.2	58	0705 105	143.00
Precision shockproof dial gauge							
		1	0.001	0.2	40	0705 107	145.00
		5	0.001	0.2	58	0705 109	176.00

0706 Error free, shockproof dial gauge



**DIN
878**



0706 102

Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- DIN 878

Delivery

- Fitted case

✂	📄	Measuring span mm	Scale graduation value mm	Dial reading	Overtravel mm	Outer ring (Bezel) Ø mm	Order no.	List price EUR
		0.8	0.01	40-0-40	1	58	0706 102	88.00



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0709 Dial gauges with reverse action plunger



Model

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- Factory standard

Delivery

- Fitted case

☒ ☒	Measuring span	Scale graduation value	Range per rev.	Outer ring (Bezel)	Order no.	List price
	mm	mm	mm	Ø mm		EUR
	3	0.01	0.5	40	0709 101	131.00
	5	0.01	1	58	0709 108	156.00

3

0712 Dial comparator gauge MICROTAST



0712 121



0712 124

Model

- Measuring spindle is made of hardened stainless steel
- Longer measuring spindle
- Replacement probe tip M 2.5
- Clamping shank Ø 8 mm
- Tolerance markers
- Shockproof
- Fine adjustment
- DIN 879

Delivery

- Fitted case

DIN 879

☒ ☒	Measuring span	Scale graduation value	Dial reading	Overtravel	Order no.	List price
	mm	mm		mm		EUR
	0.5	0.01	25-0-25	2.5	0712 121	175.00
	0.1	0.001	50-0-50	3	0712 124	215.00



0710 Magnetic back

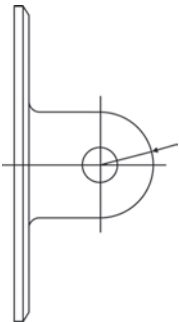


Model

- For dial gauges with outer ring (Bezel) Ø 58 mm
- Allows dial gauges to be used without a holder or a stand
- Magnetic force 220 N
- Cannot be used in conjunction with dial gauges 0701103 and 0701106 or any digital gauges

		Order no.	List price EUR
		0710 101	60.00

0710 Lug back

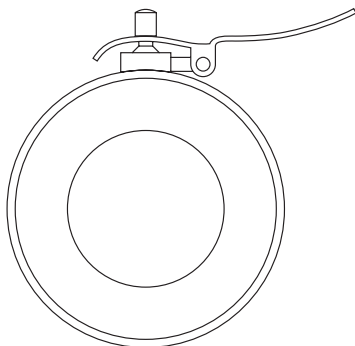


Model

- Ø 5 mm
- For retrofitting
- Cannot be used in conjunction with dial gauges 0701103 and 0701106 or any digital gauges

		Diameter mm	Order no.	List price EUR
For dial gauges with an outer ring (Bezel) dia. 40 mm				
		5	0710 102	7.50
For dial gauges with an outer ring (Bezel) dia. 58 mm				
		5	0710 103	7.70

0710 Spindle lifting lever



Model

- For dial gauges with a measuring span of max. 10 mm
- Cannot be used in conjunction with dial gauges 0701103 and 0701106 or any digital gauges

		Diameter mm	Order no.	List price EUR
For dial gauges with an outer ring (Bezel) dia. 40 mm				
		5	0710 104	11.90
For dial gauges with an outer ring (Bezel) dia. 58 mm				
		5	0710 105	11.90

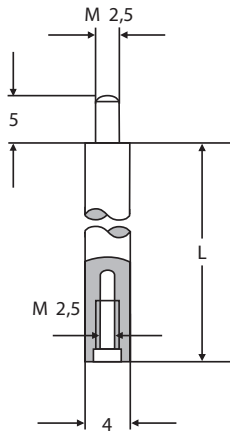


0710 Extensions for dial gauges



Model

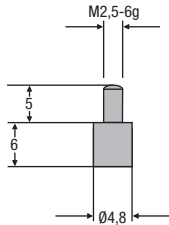
- Special steel
- Thread M 2.5



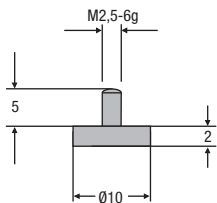
☒	☒	Length mm	Order no.	List price EUR
		10	0710 111	5.10
		15	0710 112	5.10
		20	0710 113	5.10
		25	0710 114	5.10
		30	0710 115	5.10
		35	0710 116	5.10
		40	0710 117	5.10
		45	0710 118	5.10
		50	0710 119	5.10
		55	0710 120	5.10
		60	0710 121	5.10
		65	0710 122	5.10
		70	0710 123	5.10
		75	0710 124	5.10
		80	0710 125	5.10
		85	0710 126	5.10
		90	0710 127	5.10
		95	0710 128	5.10
		100	0710 129	5.10



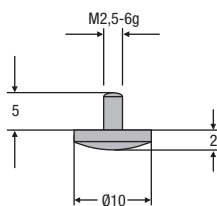
0710 Measuring inserts M 2.5



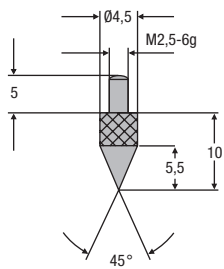
	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	6	0710 161	4.90
	Carbide	6	0710 261	33.60



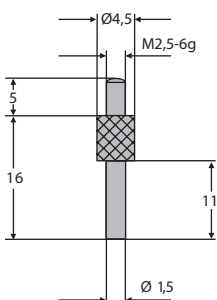
	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	2	0710 162	6.40
	Carbide	2	0710 262	55.00



	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	2	0710 163	7.40
	Carbide	2	0710 263	85.00



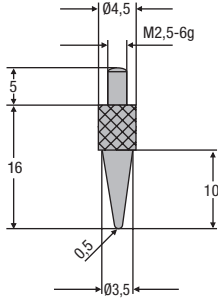
	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	10	0710 164	7.40
	Carbide	10	0710 264	64.00



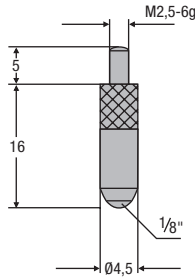
	Material contact surface	Length mm	Diameter	Order no.	List price EUR
	Special steel	16	1.5 mm	0710 165	9.30
	Carbide	16	1.5 mm	0710 265	29.10



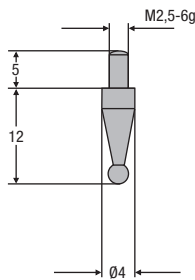
0710 Measuring inserts M 2.5



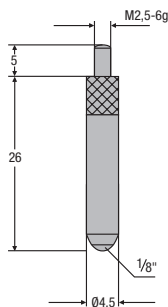
Material contact surface	Length mm	Order no.	List price EUR
Special steel	16	0710 166	6.70



Material contact surface	Length mm	Order no.	List price EUR
Special steel	16	0710 167	4.70
Carbide	16	0710 267	15.50
Ruby	16	0710 367	12.10
Sapphire	16	0710 467	12.10



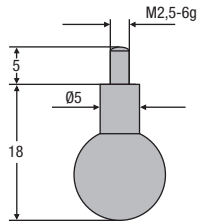
Material contact surface	Length mm	Ball diameter mm	Order no.	List price EUR
Tolerance of the ball diameter +/- 1 µm				
Special steel	12	1	0710 169	9.30
Special steel	12	1.5	0710 170	9.30
Special steel	12	2	0710 171	9.30
Special steel	12	2.5	0710 172	9.30
Special steel	12	3	0710 173	9.30
Special steel	12	3.5	0710 174	9.30
Special steel	12	4	0710 175	9.30
Special steel	12	4.5	0710 176	9.30
Special steel	12	5	0710 177	9.30
Special steel	12	5.5	0710 178	9.30
Special steel	12	6	0710 179	9.30
Special steel	12	6.5	0710 180	9.30



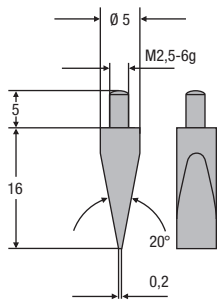
Material contact surface	Length mm	Order no.	List price EUR
Special steel	26	0710 168	4.70
Carbide	26	0710 268	15.50
Ruby	26	0710 368	12.10
Sapphire	26	0710 468	12.10



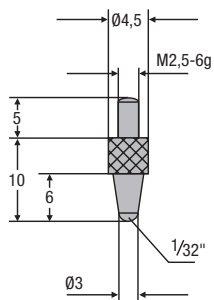
0710 Measuring inserts M 2.5



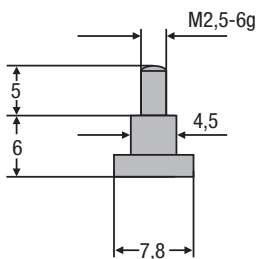
Material contact surface	Length mm	Ball diameter mm	Order no.	List price EUR
Special steel	18	7	0710 181	9.30
Special steel	18	7.5	0710 182	9.30
Special steel	18	8	0710 183	9.30
Special steel	18	8.5	0710 184	9.30
Special steel	18	9	0710 185	9.30
Special steel	18	9.5	0710 186	9.30
Special steel	18	10	0710 187	9.30
Special steel	18	10.5	0710 188	9.30
Special steel	18	11	0710 189	9.30



Material contact surface	Length mm	Order no.	List price EUR
With locknut			
Special steel	16	0710 192	11.40
Carbide	16	0710 292	81.00



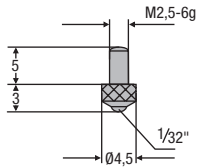
Material contact surface	Length mm	Order no.	List price EUR
Special steel	10	0710 193	4.90



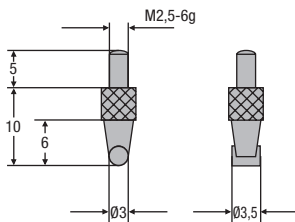
Material contact surface	Length mm	Order no.	List price EUR
Special steel	6	0710 194	6.70



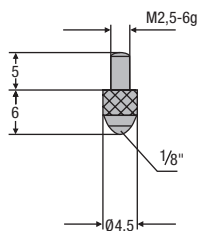
0710 Measuring inserts M 2.5



	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	3	0710 195	1.70



	Material contact surface	Length mm	Diameter mm	Order no.	List price EUR
	With locknut				
	Special steel	10	3 x 3.5	0710 196	12.60



	Material contact surface	Length mm	Order no.	List price EUR
	Special steel	6	0710 197	1.50
	Carbide	6	0710 297	6.50
	Ruby	6	0710 397	9.10
	Sapphire	6	0710 497	9.10



0715 Dial test indicators



0715 101



0715 201

Model

- Carbide tipped measuring inserts, \varnothing 2.0 mm
- Form A in accordance to DIN 2270
- Revolving dial
- 3-piece swallow tail guide
- Automatic reversal of the counting direction
- Measuring force 0.15 N

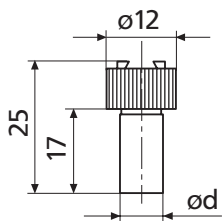
Delivery

- Fitted case

**DIN
2270**

	Measuring range mm	Scale graduation value mm	Range per rev. mm	Stylus length mm	Dial reading	Outer ring (Bezel) \varnothing mm	Order no.	List price EUR
	± 0.4	0.01	0.8	14.5	0-40-0	30	0715 101	91.00
	± 0.4	0.01	0.8	14.5	0-40-0	40.5	0715 103	102.00
	± 0.25	0.01	0.5	41.2	0-25-0	30	0715 201	143.00
	± 0.1	0.002	0.2	14.5	0-100-0	40.5	0715 303	128.00
	± 0.1	0.002	0.2	14.5	0-100-0	30	0715 305	121.00
	± 0.5	0.01	0.5	32.3	0-50-0	40.5	0715 307	181.00

0715 Clamping shanks for dial test indicators

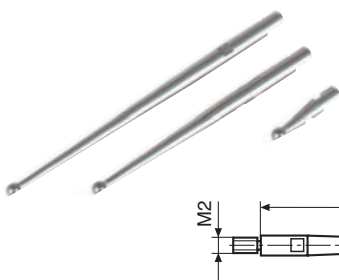


Model

- With swallow tail mounting for dial test indicators and clamping nut

	Diameter	Order no.	List price EUR
	4h6	0715 903	13.70
	8h6	0715 907	13.70

0715 Measuring inserts with carbide ball



	Length mm	Ball diameter mm	Order no.	List price EUR
	14.5	1	0715 915	19.10
	14.5	2	0715 917	15.00
	14.5	3	0715 919	15.00
	32.3	1	0715 921	21.10
	32.3	2	0715 922	15.90
	32.3	3	0715 923	15.80
	41.2	1	0715 925	19.30
	41.2	2	0715 926	15.00
	41.2	3	0715 929	15.00



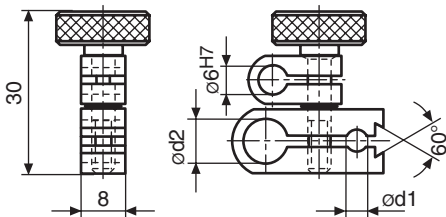
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0715 Key for measuring inserts



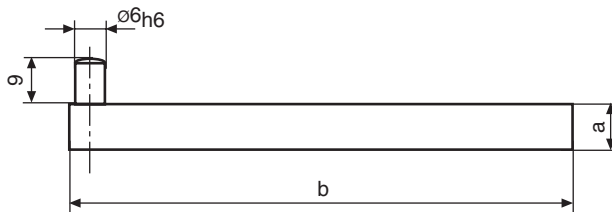
Order no.	List price EUR
0715 940	2.90

0715 Universal clamp



Diameter mm	Order no.	List price EUR
8	0715 950	28.60

0715 Holder



Length mm	Cross-section mm	Order no.	List price EUR
100	9 x 9	0715 955	18.10

0720 Foil thickness gauges



Model

- With a lifting device
- Factory standard
- Frame is made of aluminium alloy
- Revolution counter
- measuring insert dia. 6.35 mm, flat, thermally insulated

Delivery

- Cardboard box

Measuring range mm	Reading mm	Range per rev. mm	Throat depth mm	Order no.	List price EUR
0 - 1	0.001	0.2	30	0720 103	274.00



0728 Internal precision bore gauges for large and deep bores

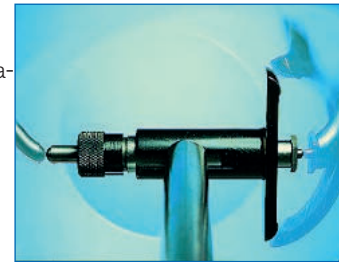


Model

- 2 point comparator measuring instrument with split probe + measuring pin
- Centering plate
- Mounting hole Ø 8 mm
- Ideal in conjunction with dial gauges or dial comparator gauges

Delivery

- Wooden case
- Without dial gauge



✕	📏	Measuring range mm	Repeatability µm	Measuring depth mm	Measuring pins pcs	Measuring discs pcs	Order no.	List price EUR
Fixed measuring pins, hardened special steel, interchangeable contact pins are carbide tipped								
		18 - 35	0.5	110	9	2	0728 105	468.00
		35 - 60	0.5	138	7	2	0728 106	455.00
		50 - 100	0.5	177	11	3	0728 107	520.00
		100 - 160	0.5	234	7	4	0728 108	725.00
		160 - 290	0.5	234	7	4	0728 109	1045.00
		280 - 510	1.5	400	7	4	0728 110	2466.00
Fixed measuring pins and interchangeable contact pins, both pins are carbide tipped								
		4.5 - 6	0.5	80	9		0728 201	1192.00
		6 - 8	0.5	100	7		0728 202	853.00
		8 - 12	0.5	100	9		0728 203	795.00
		12 - 20	0.5	110	9	1	0728 204	552.00
		18 - 35	0.5	110	9	2	0728 205	558.00
		35 - 60	0.5	138	7	2	0728 206	531.00
		50 - 100	0.5	177	11	3	0728 207	621.00
		100 - 160	0.5	234	7	4	0728 208	809.00
		160 - 290	0.5	234	7	4	0728 209	1070.00
		280 - 510	1.5	400	7	4	0728 210	2525.00

0728 Setting device for internal precision bore gauges



Model

- Setting device for accurate adjustment of internal precision bore gauges to the required nominal dimension, with gauge blocks
- The setting jaws are made of carbide and are lapped to gauge block quality
- Setting device can be used in both, the vertical and horizontal measuring axis

Delivery

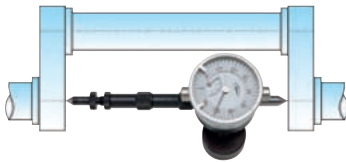
- Wooden case
- Incl. stand (excludes gauge blocks)

✕	📏	For measuring range mm	Error limit µm	Order no.	List price EUR
		4.5 - 160	2	0728 910	1473.00
		18 - 290	2	0728 915	1461.00
		160 - 510	2	0728 920	2114.00



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0735 Crankshaft gauges



⏏	🏠	Measuring range mm	Reading mm	Order no.	List price EUR
		45 - 150	0.01	0735 101	460.00
		60 - 300	0.01	0735 102	415.00
		60 - 500	0.01	0735 103	482.00

0735 Replacement gauge for 0735



Model

- Without backplate

⏏	🏠	Order no.	List price EUR
For measuring range 45 - 150 mm			
		0735 901	254.00
For measuring range 60 - 300 / 60 - 500 mm			
		0735 902	211.00



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0744 Universal comparator gauge UHRTAST





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0744 Comparator gauge UHRTAST



Model

- Comparator gauge for **external and internal measurements** for checking workpieces and setting of machines
- Versatile in use due to wide range of probes and inserts
- Measuring range up to 2000 mm by using optional extensions
- Without indicator
- The direction of the measuring force can be switched, the gauge can be used for external and internal measurements

Delivery

- Wooden case
- Basic instrument without digital indicator, measuring arms and measuring probes (optional)
- Adapter 0744 189

- The adjustment can be conducted with a setting gauge, a combination of gauge blocks, setting ring or a micrometer
- The measuring range of the moveable measuring arm is 12 mm

Accessories

Adapter accessories from 0744 to 0741
 Adapter accessoried from 0741 to 0744

Order no.

0744 188
 0744 189

List price EUR

89.00
 89.00

	Measuring range		Measuring forces	Order no.	List price EUR
	mm	mm			
	0 - 200	25 - 250	external: ~5 N internal: ~5 N	0744 101	2099.00

0744 Pair of probe mounting block



* for external measurement
 ** for internal measurement

	Order no.	List price EUR
	0744 170*	289.00
	0744 171**	289.00

0744 Extensions



Model

- Combinable with the basic instrument and further extensions by sticking together the pipe construction



0744 112



0744 114

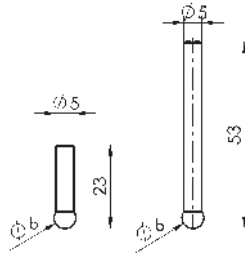
	Length mm	Order no.	List price EUR
	100	0744 112	292.00
	200	0744 114	310.00
	400	0744 116	474.00



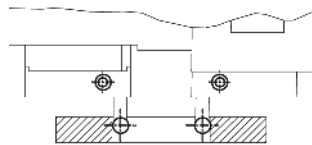
0744 Measuring inserts



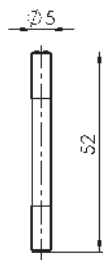
0741 178



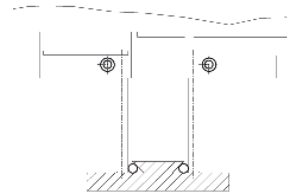
	Length mm	Diameter mm	Order no.	List price
				EUR
	23	6	0741 178	130.00
	53	6	0741 179	130.00



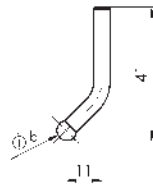
0744 Measuring inserts



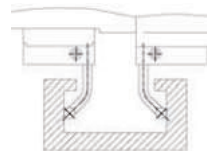
	Length mm	Diameter mm	Order no.	List price
				EUR
	52	5	0741 180	130.00



0744 Pair of offset measuring inserts



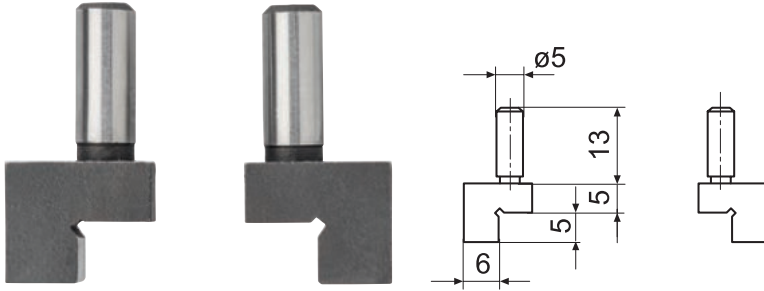
	Length mm	Diameter mm	Order no.	List price
				EUR
	41	6	0741 182	216.00





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0744 Measuring inserts

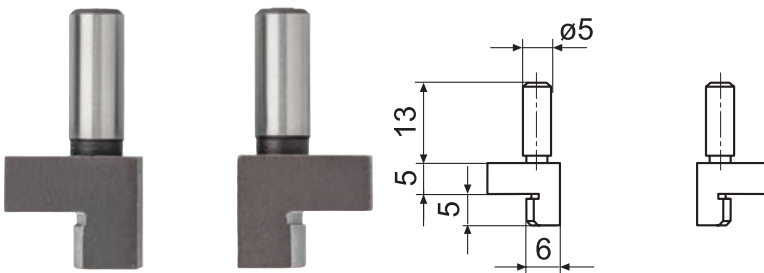


Model

- For measuring external central points

		Order no.	List price
		0744 172	EUR 351.00

0744 Pair of shoulder measuring inserts



Model

- For measuring internal central points

		Order no.	List price
		0744 174	EUR 351.00

0744 Piece of measuring inserts with discs



		Length	Width	Diameter	Dimensions h	Order no.	List price
		mm	mm	mm	mm		EUR
		30	10	11	1	0744 175	111.50
		50	10	11	1	0744 176	111.50



0744 Pairs of measuring arms

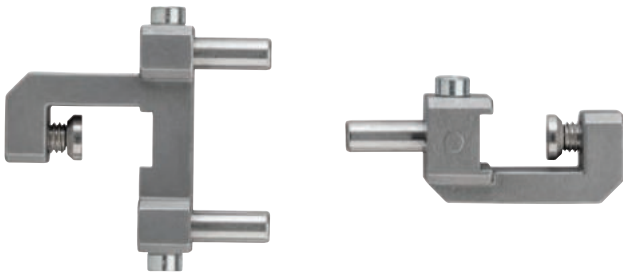


Model

- For mounting of adapter pieces and inserts with shaft-Ø 3.5 mm
- With lasered help rule (mm-divide) as position help for the depth stop pieces

▶▶	▶	Length mm	Order no.	List price EUR
		35	0744 122	326.00
		70	0744 124	348.00

0744 Pair of depth stop attachment for measuring arms



Model

- Stops with anti-tilt 3-point support
- Hardened stop pins, exchangeable and movable

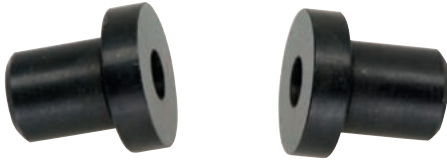
Scope of delivery

- 1 pair of stop pieces with 3 stop pins Ø 5 x 20 mm
- additionally 1 stop pin each Ø 5 x 16 mm and Ø 5 x 10 mm for stop piece 1 point

▶▶	▶	Length mm	Width mm	Height mm	Order no.	List price EUR
		26	13	5	0744 136	297.00



0744 Pair of adapters 5 mm for measuring inserts M2.5



Model

- All measuring inserts for dial gauges with M2.5 can be used (measuring inserts please refer to pages 108-111)

		Order no.	List price
		0744 132	EUR 34.25

0744 Measuring insert plan (piece)



Model

- With cylindrical mounting shank and snap ring for rotatable in the bore of the measuring arms 0744 122 / 124
- Made of hardened steel
- Mounting shank 3.5 mm

		Order no.	List price
		0744 190	EUR 70.00

3

0744 Measuring insert spherical (piece)



Model

- With cylindrical mounting shank and snap ring for rotatable in the bore of the measuring arms 0744 122 / 124
- Made of hardened steel
- Mounting shank 3.5 mm

		Order no.	List price
		0744 192	EUR 70.00



0753 Universal indicator stands with magnetic base



0753 110



0753 120

Model

- Chrome finished columns
- Base with V-groove
- Magnet with ON/OFF switch
- Mounting clamp: Ø 8 mm for indicators
- Integrated fine adjustment

Delivery

- Cardboard box

☒	🏠	Projection	Column height	Column dia.	Arm dia.	Base dimensions	Magnetic force	Order no.	List price
		mm	mm	mm	mm	mm	N		EUR
		140	230	16	12	60 x 50 x 55	500	0753 110	28.10
		180	285	16	16	70 x 46 x 65	600	0753 120	69.00



0750 Universal indicator stands with magnetic base and combi clamp



0750 101

Model

- Chrome plated columns
- Base with V-groove
- Magnet with ON/OFF switch
- **Combi clamp:** Ø 8 mm for dial gauges, swallow tail clamp for dial test indicators
- Intergrated fine adjustment

Delivery

- Cardboard box

Accessories

Replacement crosshead complete

Order no.

List price
EUR

0750 113

47.40

Wooden case for magnet - measuring support

0750 601

28.30

Projection mm	Column height mm	Column dia. mm	Arm dia. mm	Base dimensions mm	Magnetic force N	Order no.	List price EUR
180	500	20	16	75 x 60 x 102	800	0750 102	211.00

0750 Pillar with transverse arm and fine adjustment



Model

- Chrome plated column and transverse arm
- Mounting for indicator:
 - shank mounting Ø 8 mm for dial gauges
 - swallow tail clamp for dial test indicators
- Integrated fine adjustment

Thread	Projection mm	Column height mm	Column dia. mm	Arm dia. mm	Description	Order no.	List price EUR
M12	180	500	20	16	for 0750 102	0750 122	109.00

0750 Magnetic base



0750 111

Model

- Magnetic base with V-groove
- Cling to flat and cylindric parts
- Magnetic force can be switched On / Off by rotary switch

Thread	Base dimensions mm	Magnetic force N	Order no.	List price EUR
M12	75 x 60 x 80	800	0750 112	123.00



0752 Magnetic indicator stands with central lock



0752 101



0752 103

Model

- Column / Arm:
 - 0752 101 steel, chrome finished
 - 0752 103 aluminium, anodized
- Switch magnetic base with V-groove
- Central magnetic clamping system

- **Combi clamp:** Ø 8 mm for dial gauges, swallow tail clamp for dial test indicators
- Intergrated fine adjustment

Delivery

- Cardboard box

☒	☒	Projection mm	Column height mm	Column dia. mm	Base dimensions mm	Magnetic force N	Order no.	List price EUR
		260	310	10	70 x 46 x 65	600	0752 101	163.00
		320	370	18	70 x 46 x 65	600	0752 103	208.00



0754 Universal magnetic holder



Model

- Magnetic base with V-groove
- With mounting hole Ø 8 mm
- Three-sided magnet

Delivery

- Cardboard box

	Max. height mm	Base dimensions mm	Magnetic force N	Order no.	List price EUR
	57	70 x 35	260	0754 101	112.00

0756 Universal magnetic holder



Model

- Cast iron base with two magnets on the bottom of the holder
- With mounting hole Ø 8 mm

Delivery

- Cardboard box

	Max. height mm	Base dimensions mm	Magnetic force N	Order no.	List price EUR
	45	72 x 37	180	0756 101	67.00



0770 Compact measuring stands



0770 102



0770 103



0770 201

Model

- Cast base
- Chrome finished columns
- Hardened steel table
- With dust grooves (Order No. 0770 102 non-stop plane)
- With mounting hole for dial gauges Ø 8 mm

Delivery

- Cardboard box

☒	☒	Measuring height mm	Projection mm	Size of table mm	Column dia. mm	Arm dia. mm	Order no.	List price EUR
With fixed arm								
		100	49	Ø 50	22	-	0770 102	235.00
		100	49	60 x 68	22	-	0770 103	272.00
With adjustable transverse arm								
		100	100	60 x 68	22	18	0770 201	300.00
		150	135	98 x 115	28	20	0770 205	425.00



0772 Measuring stand



Model

- Cast base
- Hardened steel table
- With dust grooves
- With a threaded column and an adjustable transverse arm
- With mounting hole for dial gauges Ø 8 mm

Delivery

- Cardboard box

☒	☒	Measuring height	Projection	Size of table	Column dia.	Arm dia.	Order no.	List price
		mm	mm	mm	mm	mm		EUR
		160	200	170 x 215	35	22	0772 024	856.00

0785 Precision measuring stands



Model

- Base made of hard stone
- Base plate accuracy according to DIN 876-00
- With a threaded column
- With adjustable transverse arm
- With mounting hole for dial gauges Ø 8 mm
- Vertical adjustment by threaded spindle with setting ring

Delivery

- Cardboard box

☒	☒	Measuring height	Projection	Size of table	Column dia.	Arm dia.	Order no.	List price
		mm	mm	mm	mm	mm		EUR
		200	200	150 x 260	35	22	0785 108	721.00
	▪	220	220	300 x 350	35	22	0785 109	1764.00



0763 Universal measuring support



Model

- Column and transverse arm chrome plated
- Column is moving and can be clamped in the T-groove
- Heavy base plate with prismatic base and T-groove
- Mounting for display devices:
 - support for indicators with shaft $\varnothing 8$ mm, swallow tail clamp for dial test indicators
- Integrated fine adjustment

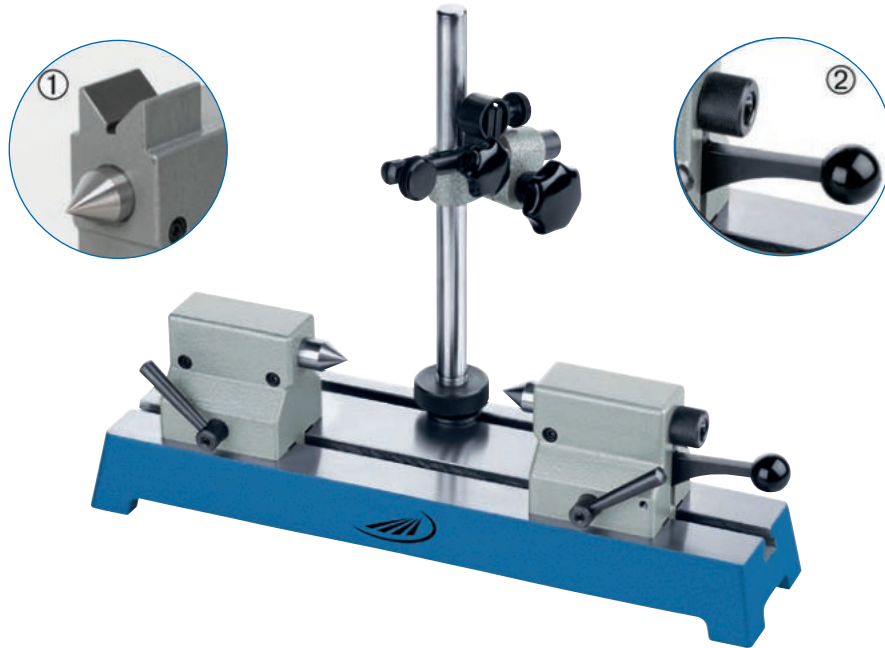
Delivery

- Cardboard box

✂	🏠	Projection mm	Column height mm	Column dia. mm	Arm dia. mm	Base dimensions mm	Order no.	List price EUR
		180	300	16	16	250 x 60 x 35	0763 100	315.00



0780 Bench centres



3

Model

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two adjustable tailstocks
- Left tailstock with fixed centre
- Right tailstock with retractable spring mounted centre, free lift appr. 10 mm

Delivery

- Tailstocks can be clamped via an eccentric clamp
- Tailstock height 75 mm with integrated V-groove support
- Quick-clamping device by clamping lever
- With T-groove and support column
- With mounting hole for dial gauges Ø 8 mm
- Cardboard box

▶	☒	Height of centers	Workpiece load	Distance between centres	Center dia.	T-groove width	Base	Order no.	List price
		mm	p. tailstock max. kg	mm	mm	mm	mm		EUR
		50	5	200	16	10H7	350 x 110	0780 101	682.00
		50	5	350	16	10H7	500 x 110	0780 102	866.00
		75	5	200	16	10H7	350 x 110	0780 104*	780.00
		75	5	350	16	10H7	500 x 110	0780 105*	889.00
	▪	100	20	450	22	12H7	700 x 180	0780 107	2236.00
	▪	150	20	450	22	12H7	700 x 180	0780 108	2493.00

* With integrated V-groove support on the tailstocks for ø 6 - 24 mm

Accessories

	Order no.	List price EUR
Replacement centre, retractable, ø 16 mm (50 - 75 mm)	0780 174	56.00
Replacement centre, fixed, ø 16 mm (50 - 75 mm)	0780 175	44.00
Replacement centre, retractable, ø 22 mm (100 - 150 mm)	0780 177	141.00
Replacement centre, fixed, ø 22 mm (100 - 150 mm)	0780 178	130.00



0780 Bench centres with roller supports



Specification

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two roller supports
- Concentricity tolerance of the rolls 0.005 mm
- Quick-clamping device by clamping lever
- With T-groove and support column
- With mounting hole for dial gauges Ø 8 mm
- Fine adjustment

Delivery

- Cardboard box

✕	📏	Height of roller supports mm	T-groove width mm	Base mm	Contact surface mm	Order no.	List price EUR
		65	10H7	350 x 110	3 - 30	0780 201	630.00
		65	10H7	500 x 110	3 - 30	0780 202	788.00
		100	12H7	700 x 180	4 - 60	0780 206	1578.00



0780 Bench centres with V-groove supports



Specification

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two V-supports
- Quick-clamping device by clamping lever
- Prismatic contact surface 90°
- V-groove surfaces made of hardened steel (replaceable)
- With T-groove and support column
- With mounting hole for dial gauges Ø 8 mm
- Fine adjustment

Delivery

- Cardboard box

Icon	Height of V-supports mm	T-groove width mm	Base mm	Contact surface mm	Order no.	List price EUR
☒	65	10H7	350 x 110	5 - 25	0780 301	597.00
☒	65	10H7	500 x 110	5 - 25	0780 302	754.00
☒	100	10H7	700 x 180	5 - 50	0780 306	1511.00



0780 Pair of v-support inserts



Model

- V-support inserts to place in and for testing of shafts without centrebores
- V-support inserts are exchanged for the pointed alignment centre of the tailstocks

☒	☒	For height of centers	Max. workpiece dia.	Contact surface	Order no.	List price
		mm	mm	mm		EUR
		50/75	15	3 - 15	0780 021	123.00
		100	45	8 - 45	0780 023	157.00

0780 Replacement support column



Model

- Column is moving and can be clamped in the T-groove
- Mounting for indicator:
 - shaft mounting \varnothing 8 mm for dial test indicators
- Integrated fine adjustment

☒	☒	For height of centers	Projection	T-groove width	Column height	Column dia.	Arm dia.	Order no.	List price
		mm	mm	mm	mm	mm	mm		EUR
		50/75	105	10	200	18	14	0780 072	146.00
		100	105	12	240	18	14	0780 073	265.00
		150	105	12	440	18	14	0780 074	292.00



Pair of replacement tailstocks for 0780

Model

- Included in base model 0780
- 75 mm with intergrated V-groove support
- For heavy workpieces with load up to 40 kg on request

	Height of centers mm	Workpiece load p. tailstock max. kg	T-groove width mm	Order no.	List price EUR
	50	5	10	0780 091	429.00
	75	5	10	0780 092	482.00
	100	20	12	0780 093	991.00
	150	20	12	0780 094	1025.00

Pair of V-groove supports for 0780



Model

- For workpieces without centering
- Functional test through applying on e.g. plain lateral surface
- Recognition of form errors
- For exchange of centre supports
- Prismatic contact surface 90°
- V-groove surfaces made of hardened steel (replaceable)
- T-grooves bearing
- Eccentric clamp

	Height of centres* mm	Height of V-supports mm	T-groove width mm	Contact surface mm	Order no.	List price EUR
	65	65	10	5 - 25	0780 032	225.00
	100	100	12	5 - 50	0780 033	310.00

* based on the center of an axis of a shaft Ø 10 mm

Pair of roller supports for 0780



Model

- For exchange of centre supports
- Ball bearing rollers for easy turning of the workpieces
- Concentricity tolerance 0.005 mm

	Height of roller supports* mm	T-groove width mm	Contact surface mm	Order no.	List price EUR
	65	10	3 - 30	0780 042	218.00
	100	12	4 - 60	0780 043	295.00

* based on the center of an axis of a shaft Ø 10 mm



0783 Bench centre



DIN
876-1



Model

- Dark granite work bench
- Flatness tolerance in accordance to DIN 876-1
- Right tailstock with retractable spring mounted centre (quick adjustment lever)
- Left tailstock with fixed centre
- Tailstocks can be adjusted via an eccentric clamp

Delivery

- Carton
- Included:
 - Work bench
 - Support post
 - 1 pair of tailstocks with pointed alignment centre 60° MK 2

☒	☒	Height of centers mm	Workpiece load p. tailstock max. kg	Distance between centres mm	T-groove width mm	Base mm	Order no.	List price EUR
☒	☒	200	24	650	14	1100 x 180	0783 012	3996.00

Accessories	Order no.	List price EUR
Pair of pointed alignment centres	0782 181	254.00
Tailstock	0782 191	1321.00
Measuring support	0783 070	334.00

0782 Pair of roller supports



Model

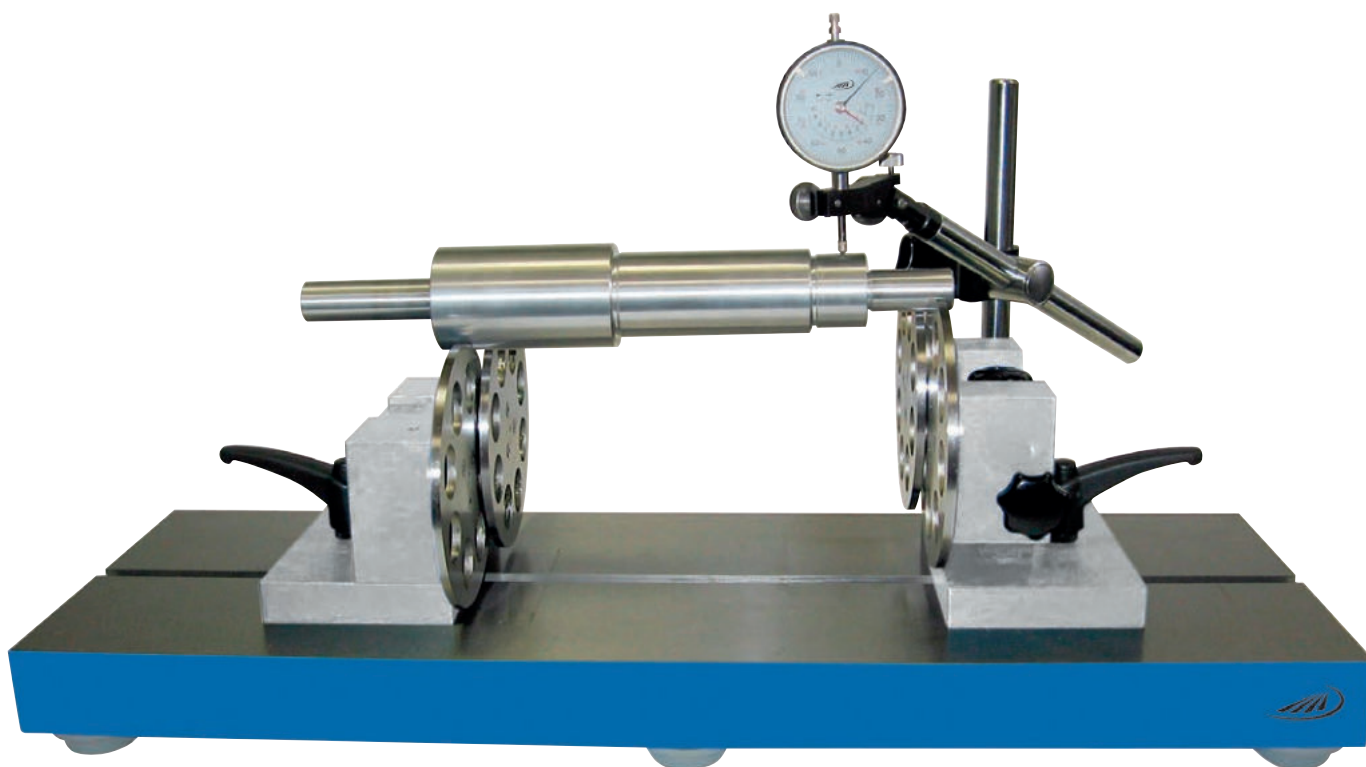
- For exchange of centre supports
- Ball bearing rollers for easy turning of the workpieces
- T-grooves bearing
- Eccentric clamp

☒	☒	Height of roller supports mm	T-groove width mm	Contact surface mm	Order no.	List price EUR
☒	☒	200	14	25 - 100	0782 160	796.00



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0784 Concentricity measuring gauge with disc supports



3

Model

- Centerless concentricity measuring instrument
- High accuracy discs are being mounted on bearings; free of play
- Discs can be slid to either side on the base

Delivery

- One sliding disc can be adjusted up to 30 mm for diametral compensation
- Concentricity accuracy <math>< 5 \mu\text{m}</math>
- Carton
- Includes the support stand, excludes a dial gauge

	Workpiece load p. tailstock max. kg	Distance between the end mm	Disc diameter mm	Max. workpiece dia. mm	Order no.	List price EUR
▪	25	400	120	250	0784 108	3495.00

Accessories

Accessories	Order no.	List price EUR
Replacement discs, pair, Ø 120 mm	0784 181	705.00
Complete support stand for order no. 0784 108	0784 190	198.00



0788 Shaft measuring instrument



Model

- For rapid measurement of diameters, distances, shoulders, taper, roundness, etc.
- For vertical and horizontal alignment
- Vertical base with 3 hardened adjustment support surfaces
- Measuring beam is made of stainless steel
- Load capacity horizontal max. 20 kg

Delivery

- Cardboard box
- Without measuring support, guideway, dial gauge (optional accessories)



application as a bench centre

✕	📄	Height of centers	Distance between centres	T-groove width	Base	Order no.	List price
		mm	mm	mm	mm		EUR
▪		75	550	10 H7	200 x 120	0788 104	1275.00
Accessories						Order no.	List price
Support arm with guideways						0788 180	EUR 259.00



0788 180



0788 Shaft measuring instrument lightweight



Model

- For rapid measurement of distances, shoulders, taper, roundness, etc.
- Vertical and horizontal alignment
- Vertical base with 3 hardened adjustment support surfaces
- Measuring beam is made of hard anodized aluminium profile
- Aluminium tailstocks
- Load capacity horizontal max. 15 kg

Delivery

- Cardboard box
- Without measuring support, guideway, dial gauge (optional accessories)



application as a bench centre

3

	Height of centers	Distance between the end	T-groove width	Base	Order no.	List price
	mm	mm	mm	mm		EUR
	75	550	10 H7	200 x 150	0788 904	1015.00
Accessories						
					Order no.	List price
						EUR
					0788 980	83.00
					0788 990	368.00



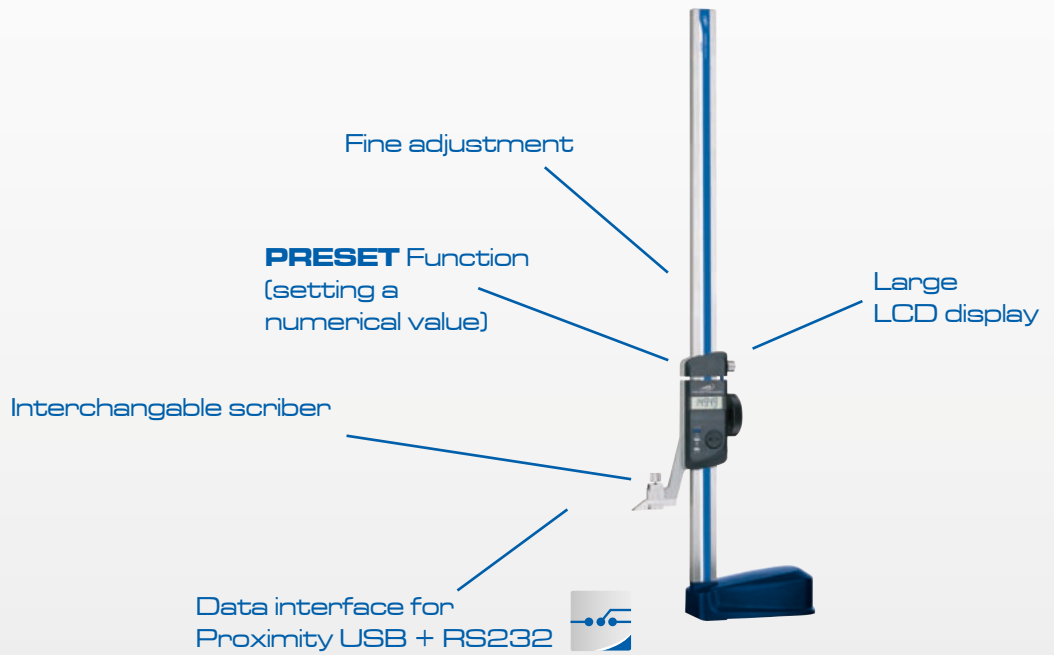
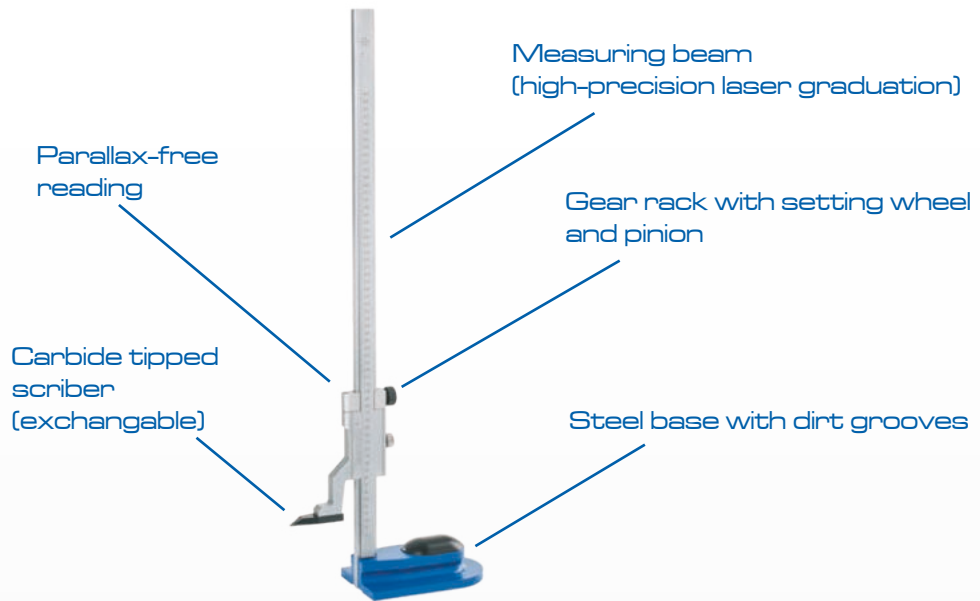
0788 980



0788 990



SAMPLES MARKING GAUGES



More products from our range of **Marking gauges**



MARKING **GAUGES**



DIVIDERS

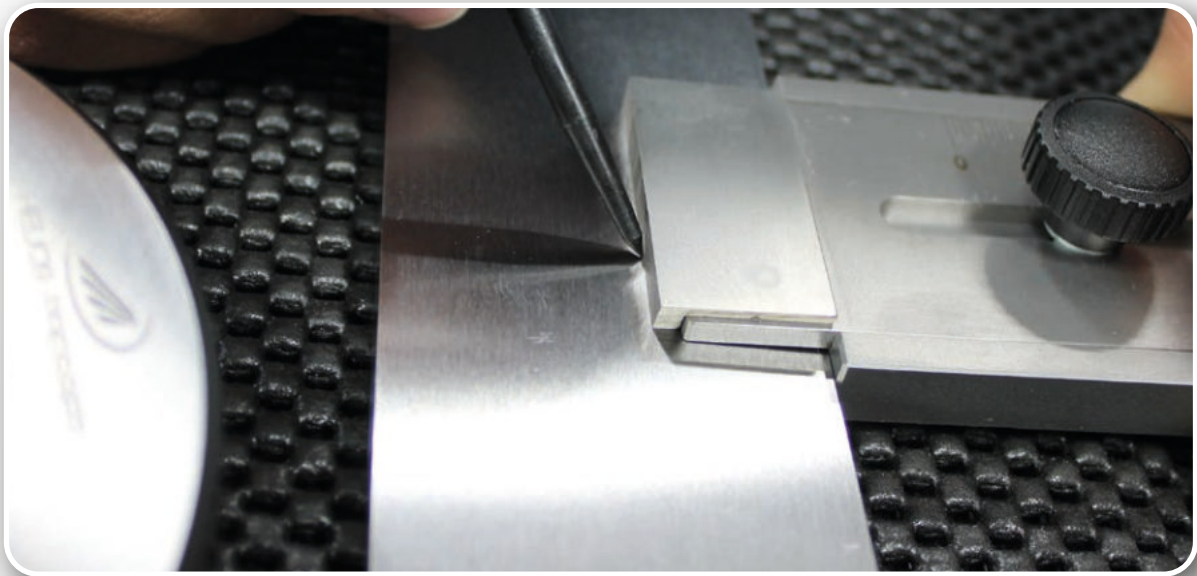


MARKING **CALIPERS**

4. CHAPTER MARKING GAUGES

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140	Scribers
141	Dividers
142	Internal and external calipers
146	Marking calipers / Marking gauges
148	Height and scribing gauges





0300 Scribes



		Length mm	Material	Order no.	List price EUR
With straight screw-in scribe					
		175	Chromium-vanadium steel, hardened	0300 007	2.40
With one straight and one L-shaped screw-in scribe					
		250	Chromium-vanadium steel, hardened	0300 008	2.60
With one straight and one angled screw-in and burnished scribe					
		200	Chromium-vanadium steel, hardened	0300 011	2.40
		250	Carbide-tipped	0300 114	10.00
With a mechanic and pocket clip					
		150	Carbide-tipped	0300 120	14.50
One piece hexagonal body with a pocket clip					
		180	Carbide-tipped	0300 102	6.40
For scribe 0300 008, with straight scribe, plastic handle					
		110	Carbide-tipped	0300 112	5.30

0300 Replacement scribes



		Length mm	Material	Order no.	List price EUR
For scribe 0300 120					
		33	Carbide-tipped	0300 130	3.90



0301 Precision dividers



Model

- With a rivetted hinge
- Hardened needle, shaped ground points
- Special steel

Delivery

- Cardboard box

✂	☒	Length mm	Order no.	List price EUR
		150	0301 001	8.30
		175	0301 002	9.40
		200	0301 003	10.40
		250	0301 004	14.50
		300	0301 005	17.50
		400	0301 006	47.30
		500	0301 007	67.00

0302 / 0306 Dividers with quadrant



Model

- With a rivetted hinge
- Special steel
- Quadrant with robust, milled locking screw
- Hardened points

Delivery

- Cardboard box

✂	☒	Length mm	Order no.	List price EUR
		150	0302 001	12.10
		175	0302 002	13.30
		200	0302 003	14.30
		250	0302 004	18.60
		300	0302 005	24.40
		400	0302 006	68.00
		500	0302 007	84.00
With pencil holder				
		150	0306 001	15.50
		200	0306 003	17.50
		300	0306 005	27.30



0303 Precision internal calipers





Model

- With a rivetted hinge
- Special steel
- Hardened measuring points

Delivery

- Cardboard box

 	Length mm	Order no.	List price EUR
	150	0303 001	8.10
	200	0303 003	10.00
	250	0303 004	10.60
	300	0303 005	12.10
	400	0303 006	14.80
	500	0303 007	18.40

0304 Precision external calipers





Model

- With a rivetted hinge
- Special steel
- Hardened measuring points

Delivery

- Cardboard box

 	Length mm	Order no.	List price EUR
	150	0304 001	8.10
	200	0304 003	10.00
	250	0304 004	10.60
	300	0304 005	12.10
	400	0304 006	14.80
	500	0304 007	18.40
	600	0304 008	27.80
	800	0304 009	39.90
	1000	0304 010	74.00



0310 Spring dividers



Model

- Quick release set screw
- Special steel
- Fixed points
- Hardened points
- Quick release set screw and spring are burnished

Delivery

- Cardboard box

☒	☒	Radius mm	Order no.	List price EUR
		115	0310 102	4.60
		140	0310 103	5.00
		190	0310 105	5.60
		240	0310 107	7.20
		290	0310 108	8.40

0311 Spring dividers



4



Model

- Quick release set screw
- Special steel
- Interchangeable points
- Hardened points
- Quick release set screw and spring are burnished

Delivery

- Cardboard box

☒	☒	Radius mm	Order no.	List price EUR
		90	0311 101	4.90
		115	0311 102	5.70
		140	0311 103	6.70
		190	0311 105	7.90
		240	0311 107	9.60
		290	0311 108	10.30

0311 Pair of replacement points for spring dividers



☒	☒	Material	Order no.	List price EUR
		Special steel, hardened	0311 120	2.60
		Carbide-tipped	0311 121	21.60



0312 Spring internal calipers



Model

- Internal caliper with quick release set screw
- Special steel
- Quick release set screw and spring are burnished

Delivery

- Cardboard box

 	Length mm	Order no.	List price EUR
	100	0312 101	3.90
	150	0312 103	5.60
	200	0312 105	6.70
	250	0312 107	8.30
	300	0312 108	10.00

0313 Spring external calipers



Model

- External caliper with quick release set screw
- Special steel
- Quick release set screw and spring are burnished

Delivery

- Cardboard box

 	Length mm	Order no.	List price EUR
	100	0313 101	3.90
	150	0313 103	5.60
	200	0313 105	6.70
	250	0313 107	8.30
	300	0313 108	10.00



0308 Combined internal / external calipers



Model

- Internal and external caliper
- Stainless steel
- Satin chrome finished scale
- With a rivetted hinge
- mm graduation for internal and external measurement

Delivery

- Cardboard box

✕	☰	Length	Measuring range	Order no.	List price
		mm	mm		
		190	0 - 120	0308 201	106.00
		250	0 - 160	0308 202	128.00
		310	0 - 200	0308 303	156.00
		460	0 - 300	0308 305	184.00

0322 Marking gauges with guide roll



Model

- Stainless steel, hardened
- Reading parts are satin chrome finished
- Guide roll
- Locking screw
- Interchangeable scriber made of hardened steel
- Factory standard

Delivery

- Imitation leather case

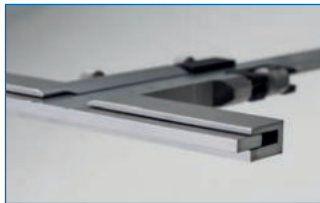
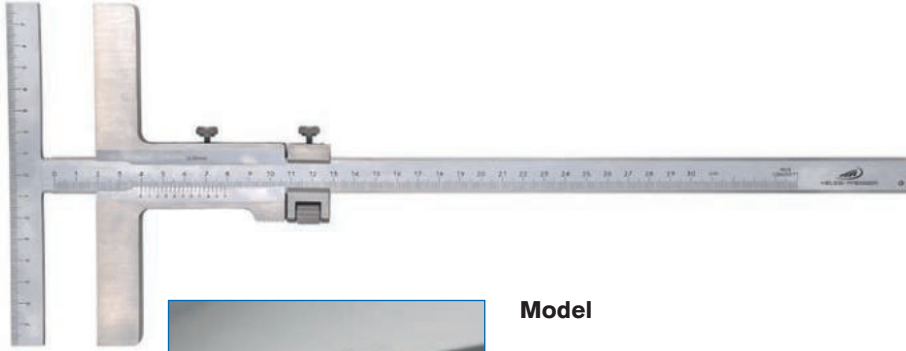
✕	☰	Measuring range	Reading	Order no.	List price
		mm	mm		
		0 - 200	0.1	0322 501	29.20
		0 - 400	0.1	0322 503	45.80

Accessories

	Order no.	List price
		EUR
Replacement scribers ø 2 mm	0322 510	5.20



0344 Marking calipers



Model

- Stainless steel, hardened
- Long T-shaped marking edge
- Factory standard
- Reading parts are satin chrome finished
- Low set master scale
- Fine adjustment
- Locking screw

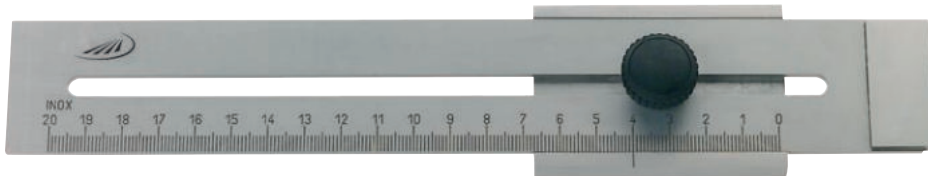
Delivery

- Plastic case

▶◀	🏠	Measuring range	Reading	Rail cross-section	Length of edge	Order no.	List price
		mm	mm	mm	mm		EUR
		0 - 180	0.05	17 x 3,5	135	0344 501	147.00
		0 - 250	0.05	17 x 3,5	135	0344 502	188.00
		0 - 300	0.05	17 x 3,5	160	0344 503	237.00



0321 Marking gauges



Model

- Flat, stable construction
- Stainless steel, chrome finished
- Locking screw
- Hardened stop face
- mm graduated scale
- Factory standard

Delivery

- Cardboard box

☒ ☒	Measuring range mm	Reading mm	Rail cross-section mm	Order no.	List price EUR
	0 - 200	0.1	40	0321 301	25.60
	0 - 250	0.1	40	0321 302	28.70
	0 - 300	0.1	40	0321 303	29.20
	0 - 500	0.1	40	0321 305	56.00

0323 Marking gauges



Model

- Stainless steel
- Locking screw
- For marking by scale as well as for marking of 45° - or 90° - mitres
- mm graduation
- Factory standard

Delivery

- Cardboard box

☒ ☒	Measuring range mm	Reading mm	Rail cross-section mm	Order no.	List price EUR
	100	1	40	0323 308	19.10
	200	1	40	0323 318	24.40



0345 Analogue height and scribing gauges



0345 530

Model

- Measuring beam is made from stainless steel
- Vernier and scale are satin chrome finished
- Parallax-free reading
- Setting screw
- Fine adjustment
- Steel base with dirt grooves
- Scribing possible from base plate level
- Factory standard

Delivery

- With exchangeable scriber, carbide tipped, 75 mm

☒	☒	Measuring range mm	Reading mm	Base dimensions mm	Rail cross-section mm	Order no.	List price EUR
With fine adjustment							
		0 - 300	0.02	145 x 90 x 44	30 x 12	0345 522	439.00
		0 - 600	0.02	165 x 110 x 44	30 x 12	0345 530	549.00

0345 Replacement scribers for 0345



Model

- Carbide tipped
- Packing: individually packed

☒	☒	Length mm	Material	Order no.	List price EUR
		75	Carbide-tipped	0345 910	140.00
		150	Carbide-tipped	0345 912	156.00



0350 Digital height and scribing gauges



0350 722

Model

- Slider and rail stainless and hardened
- LCD display 12 mm
- Handwheel for positioning and measuring
- Steel base
- Fine adjustment and toothed rack
- Factory standard

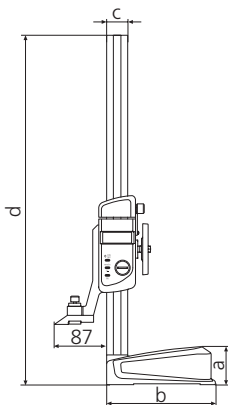
Functions



- ON / OFF
- Zeroing at any position
- mm / inch changeover
- PRESET function (presetting of measured value)
- ABS (display can be set to be set to zero without losing the reference to the preset)
- Data output USB + RS232 and Digimatic

Delivery

- With interchangeable scribing jaws, carbide tipped, 65 mm



	Measuring range mm	Reading mm	Order no.	List price EUR
mit Feineinstellung				
	0 - 350	0,01	0350 722	634.00
	0 - 600	0,01	0350 730	792.00
	0 - 980	0,01	0350 734	1097.00

Order no.	a mm	b mm	c mm	d mm
0350 722	62	180	35	580
0350 730	62	180	35	835
0350 734	66	220	35	1230

0350 Replacement scribers for 0350



Model

- Carton: individually packed

	Length mm	Material	Order no.	List price EUR
	75	Carbide-tipped	0350 910	88.50



0349 DIGI-MET® Height gauges with sliding scriber



0349 722*

Model

- Measuring beam and slide is made from stainless steel and is hardened
- LCD-display 12 mm
- Handwheel for positioning and measuring
- Fine adjustment and rack
- Setting screw
- Steel base with dirt grooves
- Scribing possible from base plate level

Functions

- ON / OFF
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Hold
- ABS (display can be set to zero without losing the Preset value)
- Reversal of counting direction
- Factor input
- Data output Proximity USB + RS232

Delivery

- With **straight** scriber

Range revision!
Information about the successor model on request as soon as available

▶◀	Measuring range		Reading		Base dimensions mm	Beam mm	Order no.	List price EUR
	mm	inch	mm	inch				
	0 - 350	0 - 14	0.01	.0005	180 x 98 x 50	35 x 12	0352 722	840.00
	0 - 600	0 - 24	0.01	.0005	180 x 98 x 50	35 x 12	0352 730	970.00
	0 - 980	0 - 39	0.01	.0005	220 x 120 x 50	35 x 12	0352 734	1190.00

Accessories

Data cable Proximity to USB

List price

1998 760

EUR

166.00

*Figure does not show standard delivery content



0349 Replacement scribers for 0352



		Length mm	Material	Order no.	List price EUR
Cranked scriber, for marking operations from base					
		270	Special steel, hardened	0349 912	150.00
		270	Carbide-tipped	0349 916	191.00
Straight scriber					
		270	Special steel, hardened	0349 910	129.00
		270	Carbide-tipped	0349 914	167.00

Limited measuring range while using a cranked scriber

0331 Replacement scriber for height gauges not any longer included in our catalogue



Order no. Scriber	Order no. Height gauge						Material	Length mm	Shaft mm	List price EUR
	0330...	0331...	0336...	0338...	0340...	0342...				
0334 101	•		•		•	•	straight, carbide tipped	65	8 x 8	85.00
0334 102	•		•		•	•	straight, carbide tipped	75	-	140.00



HELIOS · PREISSER

SAMPLES SQUARES

SQUARE **WITH BASE**

SQUARE **WITHOUT BASE**



HIGH **QUALITY**

MADE IN **GERMANY**

Manufactured according to **DIN 875**

Highest precision:
Accuracy **grade 0**

Blade length up to **2 meters**
(Accuracy grade 2)

Made from **special** or **stainless** steel

More **highlights** from our range of **squares**



ACUTE ANGLE
SQUARES



MITRE SQUARES

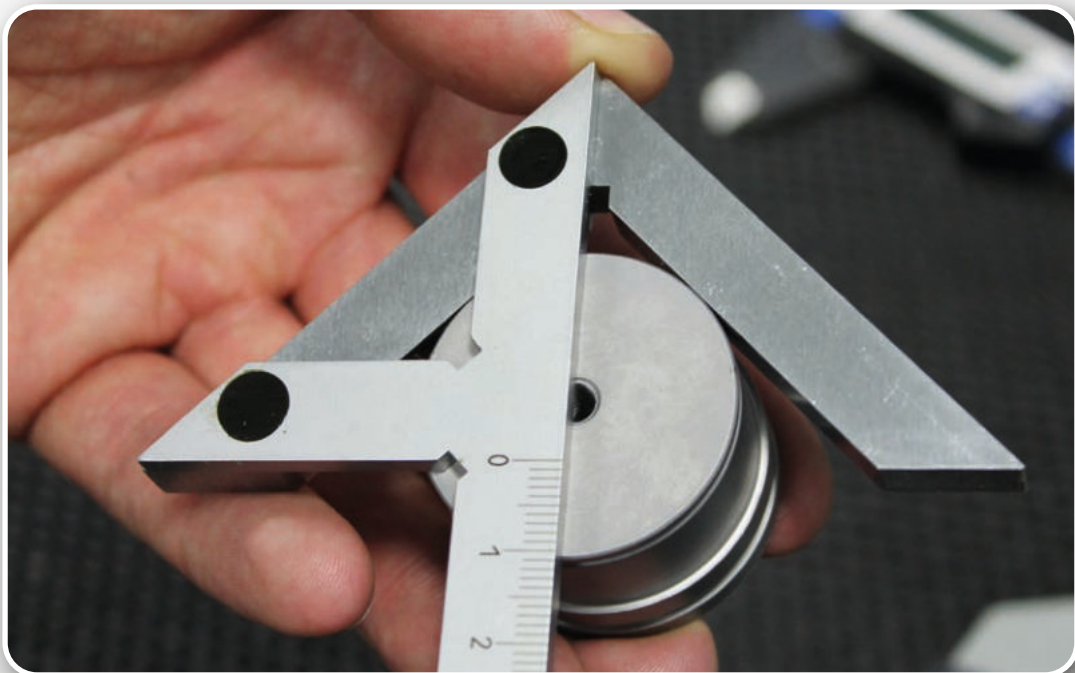


BEVEL
PROTRACTORS

5. CHAPTER SQUARES, PROTRACTORS AND BEVEL PROTRACTORS

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154	Squares with / without base
158	Steel squares
159	Squares with hard and slim blade
161	Knife edge squares
162	Inspection set
163	Centre squares / Flange squares
164	Mitre / Acute angle squares
166	Squares for specific measuring tasks and target groups
168	Wooden cases
169	Protractors
172	Universal bevel protractors





0368 Squares with base accuracy grade 0



Model

- DIN 875
- Accuracy grade 0
- For exact angle testing (for example: tool making)

Delivery

- Cardboard box
- From blade length 1000 mm in a transportation box

		Jaw length mm	Cross-section mm	Order no.	List price EUR	DIN 875
Special steel						
		75 x 50	15 x 5	0368 102	28.50	
		100 x 70	20 x 5	0368 103	31.80	
		150 x 100	25 x 5	0368 104	42.70	
		200 x 130	30 x 6	0368 105	55.00	
		250 x 165	35 x 7	0368 106	73.00	
		300 x 200	40 x 8	0368 107	90.00	
		400 x 265	45 x 10	0368 108	195.00	
		500 x 330	50 x 10	0368 109	287.00	
		600 x 400	50 x 10	0368 110	405.00	
		750 x 500	60 x 12	0368 111	810.00	
	▪	1000 x 660	70 x 15	0368 112	1362.00	
Stainless steel						
		75 x 50	15 x 5	0368 202	55.00	
		100 x 70	20 x 5	0368 203	65.00	
		150 x 100	25 x 5	0368 204	88.00	
		200 x 130	30 x 6	0368 205	119.00	
		250 x 165	35 x 7	0368 206	166.00	
		300 x 200	40 x 8	0368 207	214.00	
		400 x 265	45 x 10	0368 208	331.00	
		500 x 330	50 x 10	0368 209	457.00	
		600 x 400	50 x 10	0368 210	679.00	
		750 x 500	60 x 12	0368 211	1166.00	
	▪	1000 x 660	70 x 15	0368 212	2472.00	

0369 Squares without base accuracy grade 0



Model

- DIN 875
- Accuracy grade 0
- For exact angle testing (for example: tool making)

Delivery

- Cardboard box
- From blade length 1000 mm in a transportation box

		Jaw length mm	Cross-section mm	Order no.	List price EUR	DIN 875
Special steel						
		75 x 50	15 x 5	0369 102	19.80	
		100 x 70	20 x 5	0369 103	21.40	
		150 x 100	25 x 5	0369 104	26.10	
		200 x 130	30 x 6	0369 105	36.10	
		250 x 165	35 x 7	0369 106	48.80	
		300 x 200	40 x 8	0369 107	68.00	
		400 x 265	45 x 10	0369 108	137.00	
		500 x 330	50 x 10	0369 109	179.00	
		600 x 400	50 x 10	0369 110	286.00	
		750 x 500	60 x 12	0369 111	530.00	
	▪	1000 x 660	70 x 15	0369 112	945.00	
Stainless steel						
		75 x 50	15 x 5	0369 202	36.60	
		100 x 70	20 x 5	0369 203	44.30	
		150 x 100	25 x 5	0369 204	55.00	
		200 x 130	30 x 6	0369 205	84.00	
		250 x 165	35 x 7	0369 206	110.00	
		300 x 200	40 x 8	0369 207	135.00	
		400 x 265	45 x 10	0369 208	228.00	
		500 x 330	50 x 10	0369 209	318.00	
		600 x 400	50 x 10	0369 210	534.00	
		750 x 500	60 x 12	0369 211	995.00	
	▪	1000 x 660	70 x 15	0369 212	1866.00	





0385 Inspection squares with base accuracy grade 0, hardened



Model

- DIN 875
- Accuracy grade 0
- For exact angle testing (for example: tool making)

Delivery

- Cardboard box

**DIN
875**

		Jaw length mm	Cross-section mm	Order no.	List price EUR
Special steel					
		50 x 40	15 x 4	0385 102	28.60
		75 x 50	15 x 4	0385 103	30.50
		100 x 70	20 x 5	0385 104	36.50
		150 x 100	25 x 6	0385 105	55.00
		200 x 130	30 x 7	0385 106	76.00
		300 x 200	40 x 8	0385 108	132.00
Stainless steel					
		50 x 40	15 x 4	0385 202	39.60
		75 x 50	15 x 4	0385 203	44.00
		100 x 70	20 x 5	0385 204	55.00
		150 x 100	25 x 6	0385 205	73.00
		200 x 130	30 x 7	0385 206	93.00
		300 x 200	40 x 8	0385 208	137.00

0386 Inspection squares without base accuracy grade 0, hardened



Model

- DIN 875
- Accuracy grade 0
- For exact angle testing (for example: tool making)

Delivery

- Cardboard box

**DIN
875**

5

		Jaw length mm	Cross-section mm	Order no.	List price EUR
Special steel					
		50 x 40	15 x 4	0386 102	21.60
		75 x 50	15 x 4	0386 103	23.20
		100 x 70	20 x 5	0386 104	28.30
		150 x 100	25 x 6	0386 105	35.10
		200 x 130	30 x 7	0386 106	45.20
		300 x 200	40 x 8	0386 108	87.00
Stainless steel					
		50 x 40	15 x 4	0386 202	27.30
		75 x 50	15 x 4	0386 203	30.90
		100 x 70	20 x 5	0386 204	36.50
		150 x 100	25 x 6	0386 205	47.30
		200 x 130	30 x 7	0386 206	61.00
		300 x 200	40 x 8	0386 208	121.00



0370 Squares with base accuracy grade 1



Model

- DIN 875
- Accuracy grade 1
- For angle testing in production and factory

Delivery

- Cardboard box
- From blade length 1000 mm in a transportation box

		Jaw length mm	Cross-section mm	Order no.	List price EUR
Special steel					
		75 x 50	15 x 5	0370 102	17.60
		100 x 70	20 x 5	0370 103	19.80
		150 x 100	25 x 5	0370 104	26.50
		200 x 130	30 x 6	0370 105	33.70
		250 x 165	35 x 7	0370 106	45.10
		300 x 200	40 x 8	0370 107	57.00
		400 x 265	45 x 10	0370 108	112.00
		500 x 330	50 x 10	0370 109	164.00
		600 x 400	50 x 10	0370 110	232.00
		750 x 500	60 x 12	0370 111	463.00
	▪	1000 x 660	70 x 15	0370 112	778.00
Stainless steel					
		75 x 50	15 x 5	0370 202	19.40
		100 x 70	20 x 5	0370 203	21.70
		150 x 100	25 x 5	0370 204	32.70
		200 x 130	30 x 6	0370 205	42.90
		250 x 165	35 x 7	0370 206	59.00
		300 x 200	40 x 8	0370 207	78.00
		400 x 265	45 x 10	0370 208	198.00
		500 x 330	50 x 10	0370 209	254.00
		600 x 400	50 x 10	0370 210	395.00
		750 x 500	60 x 12	0370 211	611.00
	▪	1000 x 660	70 x 15	0370 212	988.00

**DIN
875**

0371 Squares without base accuracy grade 1



Model

- DIN 875
- Accuracy grade 1
- For angle testing in production and factory

Delivery

- Cardboard box
- From blade length 1000 mm in a transportation box

		Jaw length mm	Cross-section mm	Order no.	List price EUR
Special steel					
		75 x 50	15 x 5	0371 102	12.60
		100 x 70	20 x 5	0371 103	13.90
		150 x 100	25 x 5	0371 104	17.00
		200 x 130	30 x 6	0371 105	21.90
		250 x 165	35 x 7	0371 106	30.50
		300 x 200	40 x 8	0371 107	38.90
		400 x 265	45 x 10	0371 108	93.00
		500 x 330	50 x 10	0371 109	121.00
		600 x 400	50 x 10	0371 110	168.00
		750 x 500	60 x 12	0371 111	316.00
	▪	1000 x 660	70 x 15	0371 112	541.00
Stainless steel					
		75 x 50	15 x 5	0371 202	13.80
		100 x 70	20 x 5	0371 203	15.30
		150 x 100	25 x 5	0371 204	18.60
		200 x 130	30 x 6	0371 205	27.90
		250 x 165	35 x 7	0371 206	37.80
		300 x 200	40 x 8	0371 207	47.40
		400 x 265	45 x 10	0371 208	156.00
		500 x 330	50 x 10	0371 209	198.00
		600 x 400	50 x 10	0371 210	304.00
		750 x 500	60 x 12	0371 211	556.00
	▪	1000 x 660	70 x 15	0371 212	896.00

**DIN
875**



0372 Squares with base accuracy grade 2



Model

- Special steel
- DIN 875
- Accuracy grade 2
- For angle testing in production and factory

Delivery

- Cardboard box
- From blade length 1500 mm in a transportation box

**DIN
875**

☒	☒	Jaw length mm	Cross-section mm	Order no.	List price EUR
		75 x 50	15 x 5	0372 102	14.10
		100 x 70	20 x 5	0372 103	15.80
		150 x 100	25 x 5	0372 104	21.20
		200 x 130	30 x 6	0372 105	27.00
		250 x 165	35 x 7	0372 106	36.10
		300 x 175	35 x 7	0372 107	44.90
		400 x 200	35 x 7	0372 108	67.00
		500 x 250	40 x 8	0372 109	82.00
		600 x 300	40 x 8	0372 110	108.00
		750 x 375	45 x 10	0372 111	136.00
		1000 x 500	50 x 10	0372 112	198.00
	▪	1500 x 750	60 x 12	0372 113	867.00
	▪	2000 x 1000	60 x 12	0372 114	1071.00

0373 Squares without base accuracy grade 2



Model

- Special steel
- DIN 875
- Accuracy grade 2
- For angle testing in production and factory

Delivery

- Cardboard box
- From blade length 1500 mm in a transportation box

**DIN
875**

5

☒	☒	Jaw length mm	Cross-section mm	Order no.	List price EUR
		75 x 50	15 x 5	0373 102	10.10
		100 x 70	20 x 5	0373 103	11.10
		150 x 100	25 x 5	0373 104	13.60
		200 x 130	30 x 6	0373 105	17.50
		250 x 165	35 x 7	0373 106	22.50
		300 x 175	35 x 7	0373 107	30.30
		400 x 200	35 x 7	0373 108	47.90
		500 x 250	40 x 8	0373 109	67.00
		600 x 300	40 x 8	0373 110	86.00
		750 x 375	45 x 10	0373 111	106.00
		1000 x 500	50 x 10	0373 112	164.00
	▪	1500 x 750	60 x 12	0373 113	788.00
	▪	2000 x 1000	60 x 12	0373 114	947.00



0374 Steel squares with base



Model

- Special steel, zinc coated
- Factory standard
- Simple design for angle test in steel and metal construction

Delivery

- Cardboard box
- From blade length 1500 mm in a transportation box

✂	📏	Jaw length mm	Cross-section mm	Order no.	List price EUR
		100 x 70	20 x 5	0374 404	11.90
		150 x 100	20 x 5	0374 408	13.30
		200 x 130	20 x 5	0374 410	16.10
		250 x 160	25 x 5	0374 412	19.40
		300 x 180	25 x 5	0374 414	23.70
		400 x 230	30 x 5	0374 416	29.90
		500 x 280	30 x 5	0374 418	39.70
		600 x 330	30 x 5	0374 420	54.00
		750 x 375	30 x 5	0374 424	64.00
		1000 x 500	30 x 5	0374 428	96.00
	▪	1500 x 750	40 x 5	0374 430*	225.00
	▪	2000 x 1000	40 x 5	0374 432*	330.00

*polished

0375 Steel squares without base



Model

- Special steel, zinc coated
- Factory standard
- Simple design for angle test in steel and metal construction

Delivery

- Cardboard box
- From blade length 1500 mm in a transportation box

✂	📏	Jaw length mm	Cross-section mm	Order no.	List price EUR
		100 x 70	20 x 5	0375 404	8.70
		150 x 100	20 x 5	0375 408	9.20
		200 x 130	20 x 5	0375 410	9.70
		250 x 160	25 x 5	0375 412	11.90
		300 x 180	25 x 5	0375 414	13.00
		400 x 230	30 x 5	0375 416	17.90
		500 x 280	30 x 5	0375 418	19.80
		600 x 330	30 x 5	0375 420	24.30
		750 x 375	30 x 5	0375 424	28.80
		1000 x 500	30 x 5	0375 428	37.20
	▪	1500 x 750	40 x 5	0375 430*	109.00
	▪	2000 x 1000	40 x 5	0375 432*	164.00

*polished



0376 Squares with hard and slim blade, accuracy grade 1



Model

Delivery

**DIN
875**

- Special steel
- DIN 875
- Accuracy grade 1
- For angle testing in production and factory

- Cardboard box



✂	☒	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
		75 x 50	14 x 3	14 x 10	0376 102	13.90
		100 x 70	16 x 3	16 x 10	0376 103	14.80
		150 x 100	22 x 3	20 x 12	0376 104	18.60
		200 x 130	24 x 3	24 x 14	0376 105	30.60

0376 Squares with hard and slim blade, accuracy grade 2



Model

Delivery

**DIN
875**

- Special steel
- DIN 875
- Accuracy grade 2
- For angle testing in production and factory

- Cardboard box



✂	☒	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
		75 x 50	14 x 2	14 x 10	0376 112	13.00
		100 x 70	18 x 2	16 x 10	0376 113	13.80
		150 x 100	22 x 3	20 x 12	0376 114	16.70
		200 x 130	24 x 3	24 x 14	0376 115	23.40
		250 x 160	28 x 3	28 x 16	0376 116	28.90
		300 x 175	30 x 3	32 x 18	0376 117	34.40



0390 Squares with hard and slim blade, hardened, accuracy grade 0



Model

- DIN 875
- Accuracy grade 0
- For exact angle testing (for example: tool making)

Delivery

- Cardboard box

**DIN
875**



▶	☒	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
Special steel						
		50 x 40	16 x 2	14 x 10	0390 102	40.80
		75 x 50	18 x 2	14 x 10	0390 103	40.80
		100 x 70	18 x 2	16 x 10	0390 104	47.30
		150 x 100	22 x 3	20 x 12	0390 105	60.00
		200 x 130	26 x 3	24 x 14	0390 106	82.00
		300 x 200	32 x 3	30 x 18	0390 108	137.00
Stainless steel						
		50 x 40	16 x 2	14 x 10	0390 202	54.00
		75 x 50	18 x 2	14 x 10	0390 203	61.00
		100 x 70	18 x 2	16 x 10	0390 204	78.00
		150 x 100	22 x 3	20 x 12	0390 205	101.00
		200 x 130	26 x 3	24 x 14	0390 206	126.00
		300 x 200	32 x 3	30 x 18	0390 208	193.00

0391 Knife edge squares with hard and slim blade, hardened, accuracy grade 00



Model

- With knife edge
- DIN 875
- Accuracy grade 00
- For exact flatness testing (for example: in production)

Delivery

- Cardboard box

**DIN
875**



▶	☒	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
Special steel, non-glare knife edge						
		50 x 40	16 x 2	14 x 10	0391 102	64.00
		75 x 50	18 x 2	14 x 10	0391 103	64.00
		100 x 70	18 x 2	16 x 10	0391 104	83.00
		150 x 100	22 x 3	20 x 12	0391 105	104.00
		200 x 130	26 x 3	24 x 14	0391 106	140.00
		300 x 200	32 x 3	30 x 18	0391 108	204.00
Stainless steel						
		50 x 40	16 x 2	14 x 10	0391 202	76.00
		75 x 50	18 x 2	14 x 10	0391 203	85.00
		100 x 70	18 x 2	16 x 10	0391 204	96.00
		150 x 100	22 x 3	20 x 12	0391 205	123.00
		200 x 130	26 x 3	24 x 14	0391 206	158.00
		300 x 200	32 x 3	30 x 18	0391 208	256.00



0388 Knife edge squares, hardened, accuracy grade 00



Model

- DIN 875
- Accuracy grade 00
- For exact angle and flatness testing (for example: tool making)

Delivery

- Cardboard box

DIN 875

	Jaw length mm	Cross-section mm	Order no.	List price EUR
Special steel, non-glare knife edge				
	50 x 40	14 x 4	0388 102	22.80
	75 x 50	15 x 4	0388 103	27.10
	100 x 70	20 x 5	0388 104	32.40
	150 x 100	25 x 6	0388 105	43.60
	200 x 130	30 x 7	0388 106	61.00
	300 x 200	40 x 8	0388 108	106.00
Stainless steel				
	50 x 40	14 x 4	0388 202	27.10
	75 x 50	15 x 4	0388 203	31.80
	100 x 70	20 x 5	0388 204	38.40
	150 x 100	25 x 6	0388 205	49.50
	200 x 130	30 x 7	0388 206	74.00
	300 x 200	40 x 8	0388 208	161.00
	500 x 330	40 x 10	0388 210	762.00

0394 Knife edge squares



0394 101

Model

- **0394101**
- Reading parts are satin chrome finished
- Sliding knife 7 x 7 x 60 mm
- Angle $\pm 5^\circ$
- Handle 40 x 23 x 9 mm
- For testing on short edges and grooves through the sliding knife edge

Delivery

- Wooden case

	Dimensions mm	Cross-section mm	Order no.	List price EUR
	60 x 35 x 13	7 x 7 x 100	0394 101	239.00

Accessories	Order no.	List price EUR
Replacement rule for 0394	0394 104	43.20



0387 Knife edge squares



Model

- Stainless steel
- DIN 875
- Accuracy grade 00
- Angle 90°
- Knife edge on the inside

Delivery

- Cardboard box

**DIN
875**

✕	📏	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
		25 x 20	5 x 3.5	6 x 3.5	0387 200	20.20
		40 x 28	5 x 3.5	8 x 3.5	0387 201	20.20

0397 5 piece inspection set



Model

set consisting of:

- Knife edge square, stainless steel 75 x 50 mm
- Knife edge square, stainless steel 40 x 28 mm
- Knife edge square, stainless steel 25 x 20 mm
- Knife edge rule, special steel 100 mm
- Gauge block scribe 60 x 9 x 9 mm

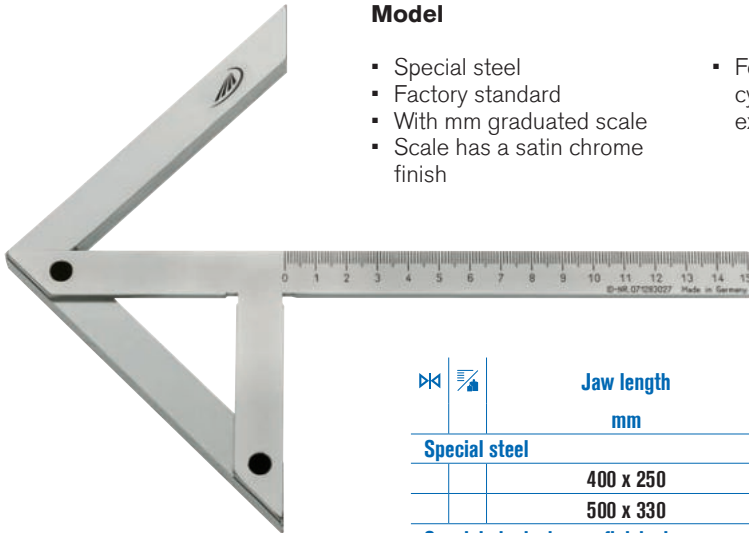
Delivery

- Wooden case

✕	📏	Order no.	List price EUR
		0397 101	208.00



0380 Centre squares



Model

- Special steel
- Factory standard
- With mm graduated scale
- Scale has a satin chrome finish
- For marking the centre of cylindrical workpieces, for example spindles, slices

Delivery

- Cardboard box

☰ ☱	Jaw length mm	For shaft dia. up to mm	Order no.	List price EUR
Special steel				
	400 x 250	380	0380 108	296.00
	500 x 330	530	0380 109	526.00
Special steel, chrome finished				
	100 x 70	90	0380 103	65.00
	150 x 130	190	0380 104	77.00
	200 x 150	220	0380 105	96.00
	250 x 160	230	0380 106	106.00
	300 x 180	280	0380 107	115.00

0396 Flange squares



Model

- Special steel, zinc coated
- Factory standard
- For accurately aligning flanges e.g. in plumbing and sanitary works in pipeline

Delivery

- Cardboard box
- From blade length 600 mm in transportation box

☰ ☱	Jaw length mm	Cross-section mm	Order no.	List price EUR
	300 x 300	30 x 5	0396 414	18.60
	400 x 400	30 x 5	0396 416	22.00
	500 x 500	30 x 5	0396 418	26.00
	▪ 600 x 600	30 x 5	0396 420	32.70
	▪ 800 x 800	30 x 5	0396 426	39.50



0395 Mitre squares 120°





Model

- Special steel
- Factory standard

Delivery

- Cardboard box

 	Jaw length mm	Cross-section mm	Order no.	List price EUR
Flat, without base				
	50 x 50	15 x 5	0395 132	9.70
	75 x 75	18 x 5	0395 133	12.40
	100 x 100	20 x 5	0395 134	15.00

0395 Mitre squares 135°





Model

- Special steel
- Factory standard

Delivery

- Cardboard box

 	Jaw length mm	Cross-section mm	Order no.	List price EUR
With base				
	120 x 80	20 x 5	0395 142	21.60
	150 x 100	20 x 5	0395 143	24.40
	200 x 130	25 x 5	0395 144	31.80
Flat, without base				
	50 x 50	15 x 5	0395 136	9.70
	75 x 75	18 x 5	0395 137	12.40
	100 x 100	20 x 5	0395 138	15.00
	120 x 80	20 x 5	0395 146	15.90
	150 x 100	20 x 5	0395 147	21.60
	200 x 130	25 x 5	0395 148	29.10



0395 Acute angle squares 60°



Model

- Special steel
- Factory standard

Delivery

- Cardboard box

		Jaw length mm	Cross-section mm	Order no.	List price EUR
With base					
		120 x 80	20 x 5	0395 122	29.90
		150 x 100	20 x 5	0395 123	34.20
		200 x 130	25 x 5	0395 124	45.80
Flat, without base					
		120 x 80	20 x 5	0395 126	21.50
		150 x 100	20 x 5	0395 127	23.90
		200 x 130	25 x 5	0395 128	33.60

0395 Acute angle squares 45°



Model

- Special steel
- Factory standard

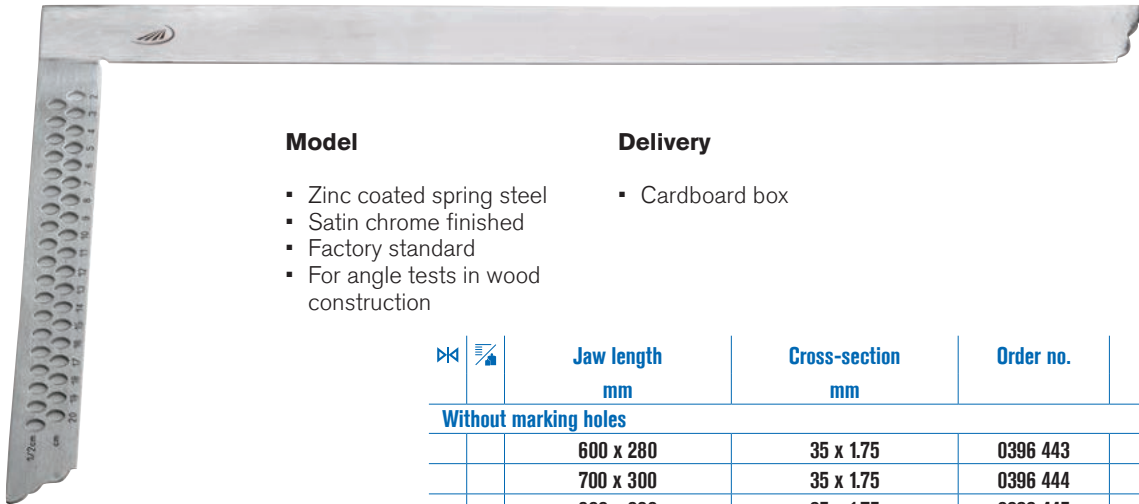
Delivery

- Cardboard box

		Jaw length mm	Cross-section mm	Order no.	List price EUR
With base					
		120 x 80	20 x 5	0395 102	31.60
		150 x 100	20 x 5	0395 103	35.10
		200 x 130	25 x 5	0395 104	47.30
Flat, without base					
		120 x 80	20 x 5	0395 106	22.30
		150 x 100	20 x 5	0395 107	24.40
		200 x 130	25 x 5	0395 108	35.10



0396 Carpenters squares



Model

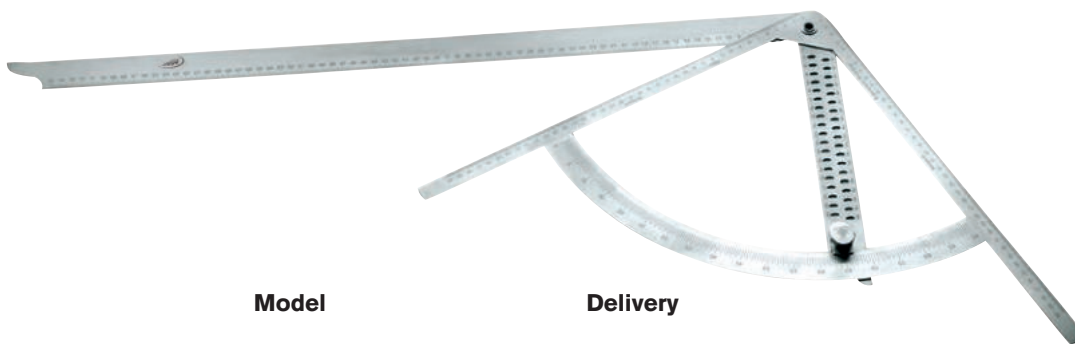
- Zinc coated spring steel
- Satin chrome finished
- Factory standard
- For angle tests in wood construction

Delivery

- Cardboard box

✂	✂	Jaw length mm	Cross-section mm	Order no.	List price EUR
Without marking holes					
		600 x 280	35 x 1.75	0396 443	11.90
		700 x 300	35 x 1.75	0396 444	14.00
		800 x 320	35 x 1.75	0396 445	15.20
		1000 x 380	35 x 1.75	0396 446	19.50
With marking holes					
		600 x 280	35 x 1.75	0396 453	14.90
		700 x 300	35 x 1.75	0396 454	16.80
		800 x 320	35 x 1.75	0396 455	18.80
		1000 x 380	35 x 1.75	0396 456	22.90

0396 Alpha squares with marking holes



Model

- Stainless steel
- Long blade with mm graduation, short blade used as adjustable protractor and for marking and production of wood joints 0°-90°

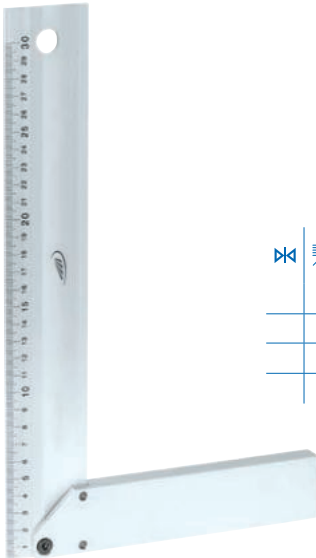
Delivery

- Cardboard box

✂	✂	Jaw length mm	Cross-section mm	Order no.	List price EUR
		430 x 795	35	0396 290	109.00



0396 Joiner squares with mitre



Model

- Aluminium
- mm graduation

Delivery

- Cardboard box

	Jaw length mm	Cross section with narrow beam mm	Cross section with wide beam mm	Order no.	List price EUR
	250 x 148	40 x 14	50 x 5	0396 982	13.50
	300 x 164	40 x 14	50 x 5	0396 983	15.90
	400 x 195	40 x 14	50 x 5	0396 984	19.00

0396 Adjustable square



Model

- Special steel, zinc coated
- Satin chrome finished
- Screw hinge
- For transferring, marking and setting of individual angles

Delivery



- Cardboard box

	Jaw length mm	Cross-section mm	Order no.	List price EUR
	200	20 x 8	0396 432	11.10
	250	25 x 8	0396 433	13.70
	300	25 x 8	0396 434	16.70
	400	25 x 8	0396 435	21.50
	500	25 x 8	0396 436	23.90



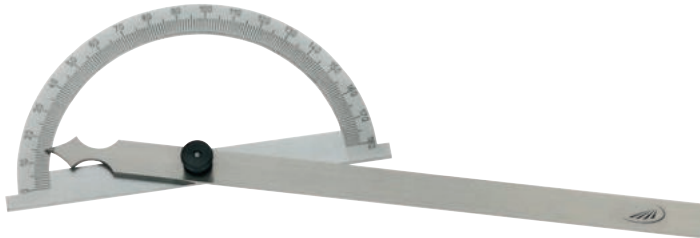
0003 Wooden cases for squares



 	Jaw length mm	Internal dimensions L x W x H mm	Order no.	List price EUR
For squares with base				
	150 x 100	160 x 105 x 27	0003 284	7.70
	200 x 130	210 x 135 x 34	0003 286	10.20
	250 x 165	260 x 170 x 38	0003 288	21.80
	300 x 200	312 x 205 x 42	0003 290	21.80
	400 x 265	412 x 270 x 48	0003 292	41.50
	500 x 330	512 x 335 x 54	0003 294	46.80
For flat type squares				
	150 x 100	160 x 105 x 22	0003 283	6.90
	200 x 130	210 x 135 x 27	0003 285	8.70
	250 x 165	260 x 170 x 27	0003 287	9.60
	300 x 200	312 x 205 x 27	0003 289	13.10
	400 x 265	412 x 270 x 27	0003 291	37.60
	500 x 330	512 x 335 x 27	0003 293	41.90
For squares with and without base				
	50 x 40	55 x 45 x 22	0003 280	4.90
	75 x 50	80 x 55 x 22	0003 281	5.30
	100 x 70	105 x 75 x 22	0003 282	5.60



0411 Protractors



Model

- Locking screw
- High precision, laser graduated degree scale
- Factory standard
- 0 - 180°

Delivery

- Cardboard box

	Jaw length mm	Graduated arc dia. mm	Order no.	List price EUR
Special steel, satin chrome finished graduated arc				
	120	80	0411 301	28.30
	150	120	0411 302	36.50
	200	150	0411 303	40.50
	300	200	0411 304	59.00
	500	300	0411 305	117.00
	600	300	0411 306	147.00
	800	300	0411 307	159.00
	600	400	0411 308	166.00
	800	400	0411 309	175.00
	1000	400	0411 310	216.00

0412 Protractors



Model

- Locking screw
- Stainless steel
- Factory standard
- 0 - 180°
- High precision, laser graduated degree scale

Delivery

- Cardboard box

	Jaw length mm	Graduated arc dia. mm	Order no.	List price EUR
	120	80	0412 201	39.90
	150	120	0412 202	43.20
	200	150	0412 203	44.50
	300	200	0412 204	62.00



0413 Protractors



0413 301

Model

- Locking screw
- Special steel
- Factory standard
- 0 - 180°
- High precision, laser graduated degree scale
- Graduated in opposite directions
- Satin chrome finished

Delivery

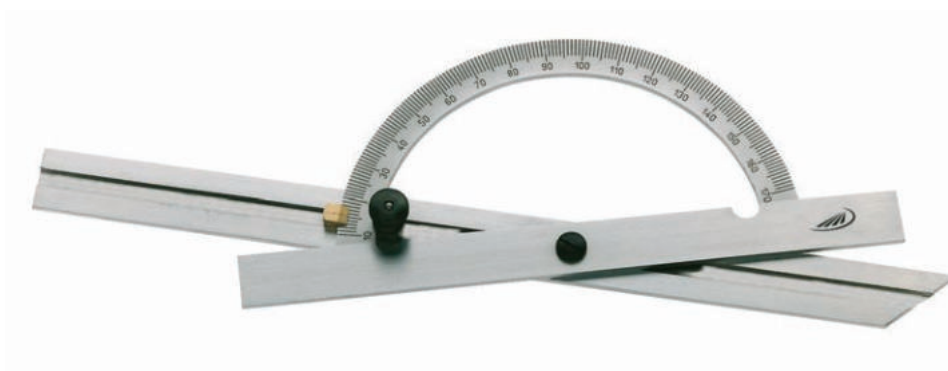
- Cardboard box



0413 302

		Dimensions	Jaw length	Order no.	List price
		mm	mm		EUR
		Ø 85	150	0413 301	27.00
		85 x 50	150	0413 302	28.10

0415 Bevel protractors



Model

- Locking screw
- Special steel, pointer arm is satin chrome finished
- Factory standard
- Adjustable stop bar 10° - 170°
- High precision, laser graduated degree scale

Delivery

- Cardboard box

		Jaw length	Graduated arc dia.	Order no.	List price
		mm	mm		EUR
		150	100	0415 301	74.00
		300	150	0415 302	114.00
		400	200	0415 303	155.00
		500	250	0415 304	212.00
		600	300	0415 305	241.00



0416 Bevel protractors with double stop rail



Model

- Locking screw
- Special steel, pointer arm is satin chrome finished
- Factory standard
- Adjustable stop bar
10° - 170°
- High precision, laser graduated degree scale
- Two-way adjustable stop bar

Delivery

- Cardboard box

✕	☰	Jaw length	Graduated arc dia.	Order no.	List price
		mm	mm		EUR
		150	100	0416 301	147.00
		300	150	0416 302	192.00
		400	200	0416 303	248.00
		500	250	0416 304	411.00
		600	300	0416 305	476.00



0425 DIGI-MET® Universal bevel protractors



Model

- Clamping unit
- Stainless steel
- Factory standard
- Reversible measuring range:
 - 1 x 360°
 - 2 x 180°
 - 4 x 90°
- Reversible indication
 - degree and minutes
 - decimal degree

Functions

- ON / OFF
- Set to zero at any point
- Data output Opto RS 232

Delivery

- Wooden case

✕	☰	Blade length mm	Reading mm	Order no.	List price EUR
		150	0.01° or 1'	0425 701	1486.00
		200	0.01° or 1'	0425 702	1501.00
		300	0.01° or 1'	0425 703	1513.00

Accessories

	Order no.	List price EUR
data cable opto to RS232	0996 701	87.00
data cable opto to USB	0996 705	166.00



0996701



0996705



0420 Universal level protractors



Model

- Locking screw
- Stainless steel
- Factory standard
- Vernier scale reading 5 minutes

Delivery

- Cardboard box

Measuring range in °	Blade length mm	Order no.	List price EUR
4 x 90 °	150 / 200 / 300	0420 522	89.00

Accessories

	Order no.	List price EUR
Replacement magnifying lense	0420 121	18.40
Replacement blade 150 mm	0420 206	20.80
Replacement blade 200 mm	0420 207	21.80
Replacement blade 300 mm	0420 208	22.00



0420121



0420122



0420124

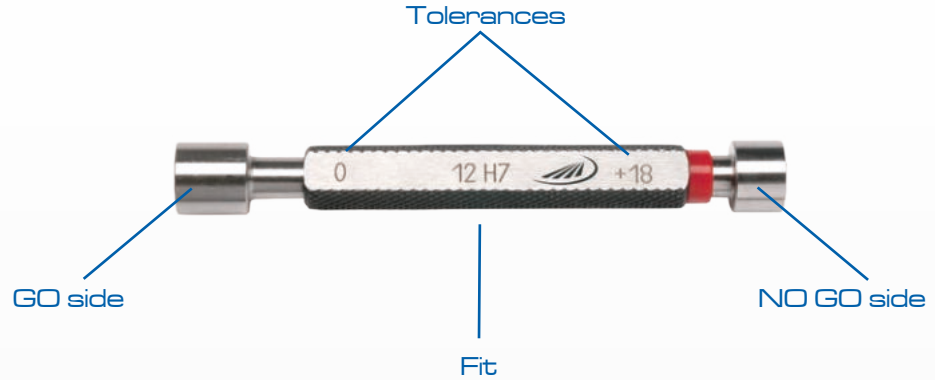


0420206



SAMPLES GAUGES

PLUG GAUGES



BESTSELLER:

FEELER GAUGE **TAPES** IN **SINGLE BOXES**



NOW AVAILABLE FROM **STAINLESS STEEL**



AS **SET** IN OUR CONVENIENT **WALLHOLDER**

Incl. holder for feeler gauge tapes

6. CHAPTER GAUGES, RULES INSPECTION EQUIPMENT

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216	Plug gauges
218	Thread plug- and ring gauges



0460 Flexible steel rules



0460 204



0460 222



0460 242

Model

- Stainless spring band steel
- EC grade II
- Rules with special graduations or other scales are available upon request

		Length mm	Cross-section mm	Order no.	List price EUR
Scales: mm top and bottom					
		150	13 x 0.5	0460 201	1.30
		200	13 x 0.5	0460 202	1.30
		300	15 x 0.5	0460 204	1.90
		500	20 x 0.5	0460 205	4.90
		1000	20 x 0.5	0460 206	10.40
		300	30 x 1.0	0460 207	3.70
		500	30 x 1.0	0460 208	8.70
		1000	30 x 1.0	0460 209	18.10
		1500	30 x 1.0	0460 210	29.10
		2000	30 x 1.0	0460 211	35.10
		3000	30 x 1.0	0460 212	82.00
	▪	3000	30 x 2.0	0460 213	126.00
Scales: 1/2 mm top, mm bottom					
		150	13 x 0.5	0460 221	1.30
		200	13 x 0.5	0460 222	1.30
		250	15 x 0.5	0460 223	1.90
		300	15 x 0.5	0460 224	1.90
		500	20 x 0.5	0460 225	4.90
		1000	20 x 0.5	0460 226	10.40
		300	30 x 1.0	0460 227	3.70
		500	30 x 1.0	0460 228	8.70
		1000	30 x 1.0	0460 229	18.10
		1500	30 x 1.0	0460 230	29.10
		2000	30 x 1.0	0460 231	35.10
		3000	30 x 1.0	0460 232	82.00
	▪	3000	30 x 2.0	0460 233	126.00
Scales: 1/16", 1/32", 1/64" top; 1/2 mm, 1/1 mm bottom					
		150	13 x 0.5	0460 241	1.30
		200	13 x 0.5	0460 242	1.30
		250	15 x 0.5	0460 243	1.90
		300	15 x 0.5	0460 244	1.90
		500	20 x 0.5	0460 245	4.90
		1000	20 x 0.5	0460 246	10.40
		300	30 x 1.0	0460 247	3.70
		500	30 x 1.0	0460 248	8.70
		1000	30 x 1.0	0460 249	18.10
		1500	30 x 1.0	0460 250	29.10
		2000	30 x 1.0	0460 251	35.10
		3000	30 x 1.0	0460 252	82.00



0460 Flexible steel rules, satin chrome



0460 502



0460 522

Model

- Stainless spring band steel
- Scales satin chrome finished
- EC grade II

		Length mm	Cross-section mm	Order no.	List price EUR
Scales: mm top and bottom					
		150	13 x 0.5	0460 501	3.10
		200	13 x 0.5	0460 502	4.90
		300	15 x 0.5	0460 504	5.60
		500	20 x 0.5	0460 505	12.10
		1000	20 x 0.5	0460 506	24.60
		300	30 x 1.0	0460 507	6.40
		500	30 x 1.0	0460 508	13.30
		1000	30 x 1.0	0460 509	27.80
	▪	1500	35 x 1.5	0460 510	82.00
	▪	2000	35 x 1.5	0460 511	128.00
Scales: 1/2 mm top, mm bottom					
		150	13 x 0.5	0460 521	3.10
		200	13 x 0.5	0460 522	4.90
		300	15 x 0.5	0460 524	5.60
		500	20 x 0.5	0460 525	12.10
		1000	20 x 0.5	0460 526	24.60
		300	30 x 1.0	0460 527	6.40
		500	30 x 1.0	0460 528	13.30
		1000	30 x 1.0	0460 529	27.80

0453 Aluminium straight edges, anodized



0453 422

Model

- Bevelled edge
- Non-glare mm graduation
- Factory standard

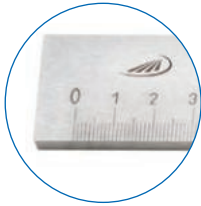
		Length mm	Cross-section mm	Order no.	List price EUR
		300	50 x 5	0453 422	10.10
		600	50 x 5	0453 430	14.90
		1000	50 x 5	0453 434	22.00



0451 Graduated straight rules acc. to DIN 866, type A



DIN
866-A



Model

- Both-sided 10 mm protective ends
- mm graduated scale

Delivery

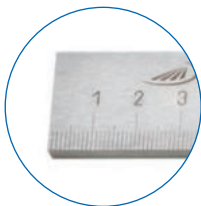
- Cardboard box
- From 2000 mm in transportation box

	Length mm	Cross-section mm	Order no.	List price EUR
Special steel				
	500	30 x 6	0451 101	29.10
	1000	40 x 8	0451 102	67.00
▪	1500	40 x 8	0451 103	120.00
▪	2000	50 x 10	0451 104	166.00
▪	3000	50 x 10	0451 105	343.00
▪	4000	60 x 12	0451 106	623.00
Stainless steel				
	500	30 x 6	0451 201	52.00
	1000	40 x 8	0451 202	119.00
▪	1500	40 x 8	0451 203	176.00
▪	2000	50 x 10	0451 204	309.00
▪	3000	50 x 10	0451 205	623.00
▪	4000	60 x 12	0451 206	1125.00

0452 Graduated straight rules acc. to DIN 866, type B



DIN
866-B



Model

- Graduated scale begins directly on the end of rule, the other end has a 10 mm protective end
- mm graduated scale

Delivery

- Cardboard box
- From 2000 mm in transportation box

	Length mm	Cross-section mm	Order no.	List price EUR
Special steel				
	500	25 x 5	0452 101	22.90
	1000	30 x 6	0452 103	45.20
▪	1500	30 x 6	0452 104	66.00
▪	2000	40 x 8	0452 105	108.00
▪	2500	40 x 8	0452 106	170.00
▪	3000	40 x 8	0452 107	188.00
▪	4000	50 x 10	0452 108	358.00
▪	5000	60 x 12	0452 109	643.00
Stainless steel				
	500	25 x 5	0452 201	30.60
	1000	30 x 6	0452 203	67.00
▪	1500	30 x 6	0452 204	114.00
▪	2000	40 x 8	0452 205	181.00
▪	2500	40 x 8	0452 206	345.00
▪	3000	40 x 8	0452 207	359.00
▪	4000	50 x 10	0452 208	645.00
▪	5000	60 x 12	0452 209	1229.00





0458 Steel scale tapes for circumference and diameter



0458 104



0458 102

Model

- Factory standard
- Vernier 0.1 mm
- Main scale graduation 1 mm

Delivery

- Cardboard box

▶	🏠	For circumference mm	For dia. mm	Order no.	List price EUR
Spring band steel					
		60 - 950	20 - 300	0458 102	43.20
		940 - 2200	300 - 700	0458 103	52.00
		2190 - 3460	700 - 1100	0458 104	67.00
		3450 - 4720	1100 - 1500	0458 105	81.00
		4710 - 5980	1500 - 1900	0458 106	96.00
		5960 - 7230	1900 - 2300	0458 107	111.00
		7220 - 8500	2300 - 2700	0458 108	273.00
		8480 - 9760	2700 - 3100	0458 109	292.00
		9730 - 11010	3100 - 3500	0458 110	376.00
		11000 - 12260	3500 - 3900	0458 111	576.00
		12250 - 13500	3900 - 4300	0458 112	588.00
		13500 - 14760	4300 - 4700	0458 113	599.00
Stainless spring band steel					
		60 - 950	20 - 300	0458 202	77.00
		940 - 2200	300 - 700	0458 203	97.00
		2190 - 3460	700 - 1100	0458 204	119.00
		3450 - 4720	1100 - 1500	0458 205	157.00
		4710 - 5980	1500 - 1900	0458 206	190.00



0454 Straight edges, with bevelled edge



Model

- Special steel
- Zinc coated
- Factory standard

Delivery

- Cardboard box
- From 2000 mm in transportation box

☒ ☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
		400	40 x 5	0454 424	10.60
		500	40 x 5	0454 428	13.20
	▪	1000	40 x 5	0454 434	26.20
	▪	1500	40 x 5	0454 438	47.60
	▪	2000	40 x 5	0454 440	73.00
	▪	3000	50 x 8	0454 444	191.00

0455 Straight edges with bevelled edge, mm graduation



Model

- Special steel
- Zinc coated
- Factory standard
- Graduated scale begins directly on the end of rule, the other end has a 10 mm protective end

Delivery

- Cardboard box
- From 2000 mm in transportation box

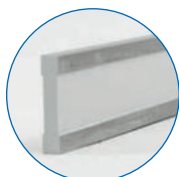
☒ ☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
		400	40 x 5	0455 424	19.50
		500	40 x 5	0455 428	24.40
	▪	1000	40 x 5	0455 434	46.30
	▪	1500	40 x 5	0455 438	83.00
	▪	2000	40 x 5	0455 440	121.00
	▪	3000	50 x 8	0455 444	255.00



0464 Steel rules made of special steel, accuracy grade 0



rectangular cross section



I shaped cross section, 2 hand slots

Model

- Special steel
- Measuring surfaces are finely grinded
- Flatness of measuring surfaces according to DIN 874

Delivery

- Cardboard box
- From 2000 mm in transportation box

☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Special steel, rectangular cross section					
		500	50 x 10	0464 101	75.00
		750	50 x 10	0464 102	106.00
		1000	60 x 12	0464 103	166.00
	▪	1500	70 x 15	0464 104	280.00
Special steel, I shaped cross section, 2 hand slots					
	▪	2000	80 x 15	0464 105	502.00
	▪	2500	100 x 16	0464 106	853.00
	▪	3000	120 x 20	0464 107	1309.00
	▪	4000	140 x 20	0464 108	2249.00

0465 Steel rules made of special steel, accuracy grade 1

☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Special steel, rectangular cross section					
		500	40 x 8	0465 101	36.50
		750	50 x 10	0465 102	60.00
		1000	50 x 10	0465 103	82.00
	▪	1500	60 x 12	0465 104	149.00
Special steel, I shaped cross section, 2 hand slots					
	▪	2000	70 x 15	0465 105	303.00
	▪	2500	80 x 15	0465 106	566.00
	▪	3000	100 x 16	0465 107	972.00
	▪	4000	120 x 20	0465 108	1570.00

0466 Steel rules made of special steel, accuracy grade 2

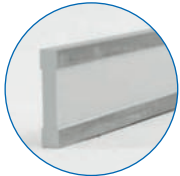
☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Special steel, rectangular cross section					
		500	30 x 6	0466 101	25.10
		750	40 x 8	0466 102	44.00
		1000	40 x 8	0466 103	51.00
	▪	1500	50 x 10	0466 104	96.00
	▪	2000	60 x 12	0466 105	131.00
	▪	2500	70 x 15	0466 106	289.00
	▪	3000	80 x 15	0466 107	451.00
Special steel, I shaped cross section, 2 hand slots					
	▪	4000	100 x 16	0466 108	1072.00



0464 Steel rules made of stainless steel, accuracy grade 0



rectangular cross section



I shaped cross section, 2 hand slots

Model

- Special steel
- Measuring surfaces are finely grinded
- Flatness of measuring surfaces according to DIN 874

Delivery

- Cardboard box
- From 2000 mm in transportation box

☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Stainless steel, rectangular cross section					
		500	50 x 10	0464 201	118.00
		750	50 x 10	0464 202	161.00
		1000	60 x 12	0464 203	303.00
	▪	1500	70 x 15	0464 204	502.00
Stainless steel, I shaped cross section, 2 hand slots					
	▪	2000	80 x 15	0464 205	928.00
	▪	2500	100 x 16	0464 206	1615.00
	▪	3000	120 x 18	0464 207	2856.00
	▪	4000	140 x 20	0464 208	5095.00

0465 Steel rules made of stainless steel, accuracy grade 1



☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Stainless steel, rectangular cross section					
		500	40 x 8	0465 201	67.00
		750	50 x 10	0465 202	103.00
		1000	50 x 10	0465 203	185.00
	▪	1500	60 x 12	0465 204	289.00
Stainless steel, I shaped cross section, 2 hand slots					
	▪	2000	70 x 15	0465 205	681.00
	▪	2500	80 x 15	0465 206	1037.00
	▪	3000	100 x 16	0465 207	1998.00
	▪	4000	120 x 18	0465 208	2942.00

0466 Steel rules made of stainless steel, accuracy grade 2



☒	☒	Length mm	Cross-section mm	Order no.	List price EUR
Stainless steel, rectangular cross section					
		500	30 x 6	0466 201	43.20
		750	40 x 8	0466 202	76.00
		1000	40 x 8	0466 203	111.00
	▪	1500	50 x 10	0466 204	230.00
	▪	2000	60 x 12	0466 205	388.00
	▪	2500	70 x 15	0466 206	645.00
	▪	3000	80 x 15	0466 207	921.00
Stainless steel, I shaped cross section, 2 hand slots					
	▪	4000	100 x 16	0466 208	1715.00





0512 Knife edge rules



0512 101

**DIN
874**

Model

- DIN 874 Sheet 2, accuracy grade 00
- Thermally insulated
- Pointed tip at one end
- Special steel: glare free and burnished knife edge
- Stainless steel: non glare knife edge up to 500 mm

Delivery

- Up to 500 mm in imitation leather case. From 500 mm individually packed

		Length mm	Cross-section mm	Order no.	List price EUR
Special steel, hardened and grinded					
		75	25 x 5	0512 101	11.90
		100	25 x 5	0512 102	13.30
		125	25 x 5	0512 103	15.00
		150	25 x 5	0512 104	17.10
		200	29 x 7	0512 105	22.30
		300	29 x 7	0512 106	41.90
		400	33 x 10	0512 107	75.00
		500	33 x 10	0512 108	118.00
Stainless steel, hardened and grinded					
		75	25 x 5	0512 201	15.50
		100	25 x 5	0512 202	18.10
		125	25 x 5	0512 203	18.90
		150	25 x 5	0512 204	21.10
		200	29 x 7	0512 205	24.40
		300	29 x 7	0512 206	53.00
		400	33 x 10	0512 207	96.00
		500	33 x 10	0512 208	131.00
		600	45 x 10	0512 209	253.00
		750	60 x 12	0512 210	512.00
		1000	60 x 12	0512 211	671.00

0512 Wooden cases for knife edge rules



		Length mm	Order no.	List price EUR
		75	0512 601	6.10
		100	0512 602	6.10
		125	0512 603	6.10
		150	0512 604	7.40
		200	0512 605	8.60
		300	0512 606	9.70
		400	0512 607	12.20
		500	0512 608	18.40
		600	0512 609	18.40
		750	0512 610	36.70
		1000	0512 611	42.80



0504 V-blocks (pair)



Model

- Special cast iron
- 90° grooves
- Machined in pairs

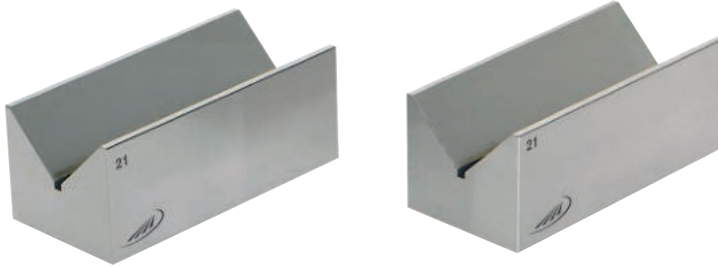
Delivery

- In pairs
- Cardboard box

▶▶	▧	Base dimensions mm	For shaft dia. mm	Accuracy grade	Order no.	List price EUR
Parallelism tolerance < 0.008 mm, V-grooves and base finely grinded						
		100 x 40 x 30	6 - 40	0	0504 012	105.00
		150 x 50 x 40	8 - 50	0	0504 013	164.00
		200 x 70 x 50	8 - 70	0	0504 014	252.00
Parallelism tolerance < 0.016 mm, V-grooves and base grinded						
		100 x 40 x 30	6 - 40	1	0504 112	75.00
		150 x 50 x 40	8 - 50	1	0504 113	100.00
		200 x 70 x 50	8 - 70	1	0504 114	164.00
Parallelism tolerance < 0.064 mm, V-grooves and base milled						
		100 x 40 x 30	6 - 40	3	0504 312	52.00
		150 x 50 x 40	8 - 50	3	0504 313	76.00
		200 x 70 x 50	8 - 70	3	0504 314	124.00



0520 V-blocks (pair)



Model

- Special steel, hardened
- Parallelism from prism to base 0.004 mm
- 90° grooves
- Machined in pairs

Delivery

- In pairs
- Cardboard box

▶◀	⊗	Base dimensions L x W x H mm	For shaft dia. mm	Order no.	List price EUR
		75 x 35 x 30	5 - 40	0520 101	150.00
		100 x 47 x 40	5 - 55	0520 102	198.00
		150 x 55 x 45	5 - 60	0520 103	262.00
		200 x 65 x 55	5 - 75	0520 104	366.00
		250 x 85 x 70	5 - 100	0520 105	500.00



0522 V-blocks with clamp



Specification

- Stainless special steel, hardened
- Parallelism from prism to base 0,004 mm
- 2 x 90° grooves

Delivery

- Cardboard box

	Dimensions L x W x H mm	For shaft dia. mm	Order no.	List price EUR
	50 x 40 x 40	5 - 30	0522 201	150.00
	75 x 55 x 55	5 - 50	0522 202	183.00
	100 x 75 x 75	7 - 70	0522 203	263.00

0522 Double V-blocks (pairs) with clamp



Specification

- Stainless special steel, hardened
- Parallelism from prism to base 0.004 mm

Delivery

- 2 x 90° grooves
- Machined in pairs
- In pairs
- Cardboard box

	Dimensions L x W x H mm	For shaft dia. mm	Order no.	List price EUR
Special steel, hardened				
	50 x 40 x 40	5 - 30	0522 101	230.00
	75 x 55 x 55	5 - 50	0522 102	281.00
	100 x 75 x 75	7 - 70	0522 103	405.00
Stainless special steel, hardened				
	50 x 40 x 40	5 - 30	0522 206	286.00
	75 x 55 x 55	5 - 50	0522 207	348.00
	100 x 75 x 75	7 - 70	0522 208	500.00



0524 Double V-blocks (pairs) with clamp lateral tilting



Specification

- Stainless special steel, hardened
- Flatness, parallelism and symmetry tolerance 0.004 mm
- Right-angled tolerance faces to prism 0.01
- 2 x 90° grooves
- Machined in pairs

Delivery

- In pairs
- Cardboard box

☒	☒	Dimensions mm	For shaft dia. mm	Order no.	List price EUR
		60 x 58 x 40	5 - 30	0524 101	254.00
		75 x 70 x 54	5 - 30	0524 102	314.00
		100 x 96 x 75	7 - 70	0524 103	472.00

0522 Clamp for double V-blocks



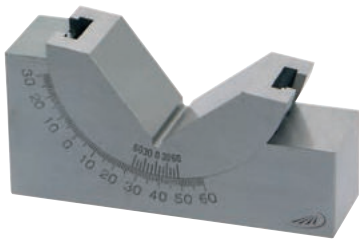
Delivery

- In pairs
- Cardboard box

☒	☒	Suitable for prisms	Order no.	List price EUR
		0522 201 / 0522 101 / 0522 206 / 0524 101	0522 111	36.10
		0522 202 / 0522 102 / 0522 207 / 0524 102	0522 112	41.70
		0522 203 / 0522 103 / 0522 208 / 0524 103	0522 113	51.00



0525 Adjustable V-blocks 0-60°



Model

- Special steel, hardened
- Locking device
- Vernier reading

Delivery

- Cardboard box

▶	📏	Dimensions mm	For shaft dia. mm	Order no.	List price EUR
		75 x 25 x 33	4 - 28	0525 101	136.00
		102 x 30 x 46	4 - 40	0525 102	145.00
		102 x 46 x 46	4 - 40	0525 103	155.00

0536 Set of parallel blocks



0536 202



0536 211

Model

- Special steel, hardened

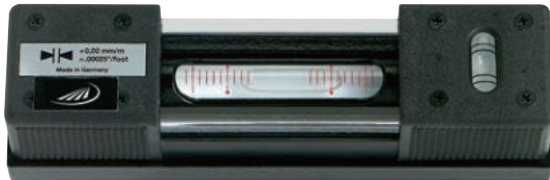
Delivery

- Wooden case

▶	📏	Measuring range mm	Height mm	Width mm	Number of devices	Height tolerance µm	Order no.	List price EUR
Set consists of 9 pairs, length 100 mm								
		10 - 42	10 / 14 / 18 / 22 / 26 / 30 / 34 / 38 / 42	4	9	± 5	0536 220	117.00
Set consists of 9 pairs, length 150 mm								
		10 - 42	10 / 14 / 18 / 22 / 26 30 / 34 / 38 / 42	4	9	± 5	0536 230	159.00
Set consists of 14 pairs, length 150 mm								
		14 - 50	14 / 16 / 18 / 20 22 / 24 / 26 / 28 30 / 32 / 35 / 40 45 / 50	10	14	± 5	0536 202	494.00



0550 Machine levels



DIN 877

Model

- DIN 877
- V-groove in the base
- Longitudinal level grinded and graduated
- Transverse level
- Thermally insulated

Delivery

- Case

✕	☒	Length mm	Order no.	List price EUR
Reading 0.02 mm/m				
		160	0550 021	318.00
		200	0550 022	349.00
		250	0550 023	380.00
		300	0550 024	412.00
Reading 0.1 mm/m				
		160	0550 101	225.00
		200	0550 102	256.00
		250	0550 103	288.00
		300	0550 104	318.00
Reading 0.3 mm/m				
		160	0550 131	175.00
		200	0550 132	206.00
		250	0550 133	236.00
		300	0550 134	268.00

0556 Frame levels



DIN 877

Model

- DIN 877
- V-grooves on 3 sides
- Longitudinal level
- Grinded and graduated
- Transverse level
- Thermally insulated

Delivery

- Case

✕	☒	Dimensions mm	Order no.	List price EUR
Reading 0.02 mm/m				
		150 x 150	0556 022	611.00
		200 x 200	0556 023	698.00
		300 x 300	0556 024	983.00
Reading 0.1 mm/m				
		100 x 100	0556 101	375.00
		150 x 150	0556 102	437.00
		200 x 200	0556 103	547.00
		300 x 300	0556 104	872.00



0563 Magnetic angle gauge



Model

- Centre punch
- Dial face 360°
- Magnetic 90° splayed base

Delivery

- Cardboard box

	Order no.	List price
	0563 001	EUR 470.00

0580 Combined lathe and thread cutting gauge



Model

- Special steel
- Cuts for trapezoidal (Acme), Whitworth and metric threads

	Dimensions	Measuring range	Order no.	List price
	mm 90 x 40 x 2	in ° 40-80°	0580 101	EUR 8.40

0580 Combined lathe and thread cutting gauge



Model

- Special steel
- Cuts for trapezoidal (Acme), Whitworth and metric threads
- With clearance angle

	Dimensions	Measuring range	Order no.	List price
	mm 90 x 40 x 2	in ° 0-30° and 40-80°	0580 111	EUR 12.10



0580 Combined lathe and thread cutting gauge



Model

- Special steel
- For square threads and trapezoidal threads, Whitworth and metric threads

		Dimensions mm	Order no.	List price EUR
		90 x 40 x 2	0580 121	8.50

0595 ACME Thread gauge



Model

- Special steel
- Cuts for trapezoidal threads

		Dimensions mm	Type of thread	Order no.	List price EUR
		60 x 20 x 2	Trapezoidal threads	0595 130	3.50

0595 Thread cutting gauge



Model

- Special steel
- Cuts for Whitworth or metric threads

		Dimensions mm	Type of thread	Order no.	List price EUR
Metric ISO - threads 60°					
		74 x 24 x 2	Whitworth-thread	0595 142	3.10
Whithworth - threads 55°					
		74 x 24 x 2	Whitworth-thread	0595 140	3.10



0581 DIN thread conversion and fit slide rules



0581 101

Model

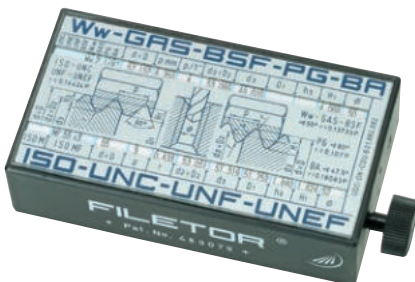
- For reading the most important theoretical dimensions of thread tolerance



0581 123

Description	Order no.	List price EUR
Aluminium anodized		
Fine thread slide rule	0581 101	24.40
DIN thread slide rule	0581 103	16.50
DIN fit slide rule	0581 105	22.60
Plastic		
DIN thread slide rule	0581 123	11.90
DIN fit slide rule	0581 125	10.40

0582 ISO thread converter - Filetor



Model

- For direct reading of all standard information for determining of threads
- Plastic housing

Dimensions mm	Order no.	List price EUR
60 x 30 x 110	0582 110	75.00



0582 ISO tolerance indicator - Tolerator



Model

- For direct reading of all standard information of all ISO-tolerance values
- Plastic housing

Icon	Dimensions	Order no.	List price
	mm		
☒	60 x 30 x 110	0582 120	75.00

0582 mm/inch converter



Model

- Direct reading of inch to millimeter conversion
- Plastic housing

Icon	Dimensions	Order no.	List price
	mm		
☒	60 x 30 x 110	0582 130	75.00

0589 Profile gauge



Model

- Spring pins
- Pin-dia. 1.0 mm

Icon	Dimensions	Order no.	List price
	mm		
☒	154 x 85	0589 101	19.10
	350 x 150	0589 103	59.00

0595 Welding gauge blank



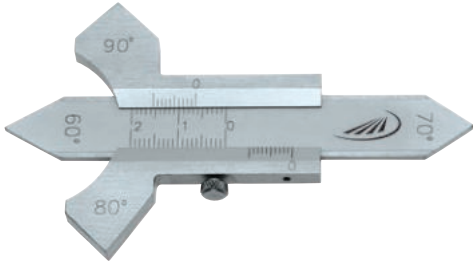
Model

- Special steel
- Pure
- For easy testing of fillet weld thicknesses of rectangular parts

Icon	For measuring range	Order no.	List price
	mm		
☒	3 - 12	0595 110	14.90



0595 Welding gauge



Ausführung

- Special steel
- Locking screw
- Angel 60°, 70°, 80° and 90°
- to measure the height of flat welds and fillet weld thicknesses

For measuring range	Reading	Order no.	List price
mm	mm		EUR
20 mm	0,10	0595 101	23.90

4,30

0595 Welding gauge blank

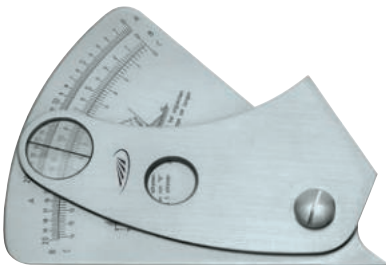


Model

- Aluminium
- Pure, for fast reading of the weld dimensions

For measuring range	Order no.	List price
mm		EUR
0 - 5	0595 115	4.30

0595 Welding gauge



Model

- Stainless steel
- Reading accuracy 0.2 mm
- Easy to read the result due to the reference line in the reading window
- Quick and easy inspection of welding seam heights

Dimensions	Order no.	List price
mm		EUR
108 x 81.5 x 3.2	0595 251	103.00



0597 Radius gauge



Model

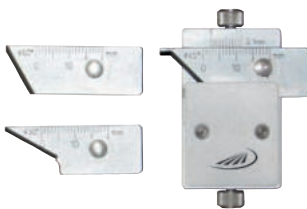
- To determine radius size work-pieces
- Stainless steel
- Reading parts are satin chrome finished

Delivery

- Plastic case
- Interchangeable blade: 45°

Measuring range mm	Reading mm	Order no.	List price EUR
0 - 10	0.10	0597 305	198.00

0597 Chamfer gauge



Model

- Stainless steel
- Reading parts are satin chrome finished
- For simultaneously testing of the chamfer angle and the dimensional accuracy
- Dimensions: 48 x 30 x 8.5 mm

Delivery

- Plastic case
- 3 interchangeable blades: 30°, 45°, 60°

Measuring range mm	Reading mm	Order no.	List price EUR
0 - 10	0.10	0597 301	198.00

0600 Tapered hole gauges



0600 101

Model

- Reading 0.1 mm

Measuring range mm	Order no.	List price EUR
Special steel, flat		
1 - 15	0600 101	29.10



0598 Tapered hole gauges



Model

- Special steel
- Reading parts matted

	Measuring range mm	Reading mm	Order no.	List price EUR
Special steel				
	0.5 - 7.0	0.10	0598 103	55.00
	2.0 - 7.0	0.10	0598 105	55.00
Plastic				
	0.5 - 11	0.10	0598 601	55.00

0599 Nozzle / small hole gauges

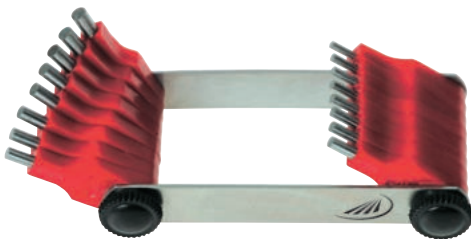


Model

- Special steel
- Cone 1:10
- Nickel plated housing

	Measuring range mm	Reading mm	Order no.	List price EUR
	0 - 5	0.01	0599 102	67.00

0599 Nozzle gauges



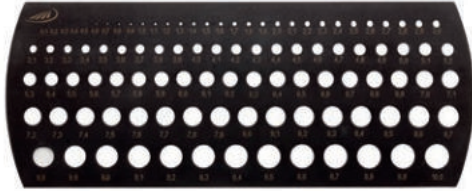
Model

- With steel pins
- Plastic handle
- Manufacturing tolerance ± 0.01 mm

	Measuring range mm	Increment mm	Number of pairs	Order no.	List price EUR
	0.45 - 1.5	0.05	20	0599 151	8.10
	1.5 - 3.0	0.1	16	0599 152	8.10



0601 Drill and steel wire hole gauges (millimeter)



Model

- Special steel, nitrided

Measuring range mm	Increment mm	Order no.	List price EUR
0.7 - 10	0.1	0601 103	103.00

0604 Radius gauges



Model

- Concave and convex
- Locking nut
- Milled finish

Measuring range mm	Number of blades	Order no.	List price EUR
Special steel			
1.0 - 7.0	17	0604 002	7.70
7.5 - 15	16	0604 004	8.50
15.5 - 25	15	0604 006	8.50
Stainless steel			
1.0 - 7.0	17	0604 202	10.20
7.5 - 15	16	0604 204	12.60
15.5 - 25	15	0604 206	12.60



0605 Screw pitch gauges



☒	☒	Measuring range mm	Number of blades	Description	Order no.	List price EUR
		0.25 - 6.0	24	Metric threads according to ISO	0605 101	2.90
		0.40 - 7.0	20	Combined metric threads according to SI System	0605 102	2.60
		4.00 - 62.0	28	Whitworth threads according to DIN	0605 103	2.60
		8.00 - 28.0	6	Whitworth pipe threads	0605 104	2.60
		0.40 - 7.0 / 4.0 - 62.0	48	Combined metric SI and Whitworth threads	0605 105	3.90
		0.25 - 6.0 / 4.0 - 62.0	52	Combined metric and Whitworth threads	0605 106	4.10
		4.00 - 42.0	30	US - threads	0605 108	3.40
		10.0 - 40.0	14	US - threads SAE	0605 109	3.70
		4.00 - 64.0	22	UNC - threads	0605 110	3.40
		12.0 - 80.0	16	UNF - threads	0605 111	3.40
		4.00 - 26.0	20	BSF - threads	0605 112	3.90

0606 / 0607 Feeler gauges



0606 121



0607 201



0607 401

Model

- Conical blades
- Width 10mm
- Blade length 100 mm
- Locking nut

☒	☒	Measuring range mm	Number of blades	Order no.	List price EUR
Spring band steel					
		0.03 - 0.1	8	0606 121	1.90
		0.05 - 0.5	8	0606 123	1.90
		0.05 - 1.0	13	0606 127	1.90
		0.05 - 1.0	20	0606 130	2.90
		0.1 - 0.5	21	0606 132	3.40
		0.05 - 2.0	21	0606 133	6.40
		0.03 - 1.0	32	0606 136	5.80
Stainless spring band steel					
		0.05 - 0.5	8	0607 201	4.40
		0.05 - 1.0	13	0607 202	6.90
		0.05 - 1.0	20	0607 203	10.00
Brass (anti-magnetic)					
		0.05 - 0.5	8	0607 401	7.50
		0.05 - 1.0	13	0607 402	9.20
		0.05 - 1.0	20	0607 403	13.10



0606 Feeler gauges, long version



Model

- Cylindrical blades
- Width 13 mm

Measuring range	Length	Number of blades	Order no.	List price
mm	mm			EUR
0.05 - 0.5	150	8	0606 150	3.90
0.05 - 0.5	200	8	0606 152	4.70
0.05 - 0.5	300	8	0606 154	6.70
0.05 - 1.0	200	13	0606 160	10.10
0.05 - 1.0	300	13	0606 162	11.50
0.05 - 1.0	200	20	0606 170	12.10
0.05 - 1.0	300	20	0606 172	15.30
0.1 - 2.0	200	20	0606 176	20.20
0.1 - 2.0	300	20	0606 178	29.60

0608 Feeler gauges, accuracy grade T3



Model

- Conical blades
- Width 10 mm

Measuring range	Number of blades	Order no.	List price
mm			EUR
0.1 - 0.4	6	0608 140	2.20
0.05 - 1.0	13	0608 143	5.20
0.05 - 1.0	20	0608 144	8.20
0.03 - 1.0	32	0608 149	18.80



0612 Feeler gauge tapes in single boxes - INOX



Model

- Stainless steel
- Width 12.7 mm
- Length 5 m
- Tape from 0.08 mm upwards marked with dimension

Delivery

- Plastic box

✕	☒	Nominal size mm	Order no.	List price EUR
		0.01	0612 501	51.00
		0.02	0612 502	38.90
		0.03	0612 503	17.00
		0.04	0612 504	17.00
		0.05	0612 505	14.70
		0.06	0612 506	12.40
		0.07	0612 507	12.40
		0.08	0612 508	12.40
		0.09	0612 509	12.40
		0.10	0612 510	12.40
		0.12	0612 512	12.40
		0.15	0612 515	12.40
		0.18	0612 518	12.40
		0.20	0612 520	12.40
		0.25	0612 525	12.40

0612 Set of feeler gauge tapes in wallholder - INOX



Model

- Refillable with selected feeler gauges
- Wall holder made of steel, gloss coated
- With size labels

Delivery

- With holder and mounting fittings

✕	☒	Dimensions mm	Measuring range mm	Number of boxes	Order no.	List price EUR
		330 x 100 x 110	0.01 - 0.25	15	0612 180	285.00

0611 Accessories for feeler gauge tapes



0611 195



0611 197



0611 198

✕	☒	Description	Dimensions mm	Order no.	List price EUR
		Holder for feeler gauge tape	125 x 17	0611 195	3.40
		Wallholder for 0.01 - 0.25 mm	330 x 100 x 110	0611 197	44.00
		Wallholder for 0.3 - 1.0 mm	330 x 210 x 220	0611 198	67.00



0611 Feeler gauge tapes in single boxes



Model

- Hardened carbon steel
- Width 12.7 mm
- Length 5 m
- Tape from 0.08 mm upwards marked with dimension

Delivery

- Plastic box

☒ ☒	Nominal size mm	Order no.	List price EUR
	0.005	0611 300	90.00
	0.01	0611 501	51.00
	0.02	0611 502	38.90
	0.03	0611 503	14.70
	0.04	0611 504	14.70
	0.05	0611 505	12.40
	0.06	0611 506	10.80
	0.07	0611 507	10.80
	0.08	0611 508	10.80
	0.09	0611 509	10.80
	0.10	0611 510	10.80
	0.12	0611 512	10.80
	0.15	0611 515	10.80
	0.18	0611 518	10.80
	0.20	0611 520	10.80
	0.25	0611 525	10.80
	0.30	0611 530	10.80
	0.35	0611 535	12.40
	0.40	0611 540	12.40
	0.45	0611 545	12.40
	0.50	0611 550	12.40
	0.55	0611 552	18.60
	0.60	0611 554	18.60
	0.65	0611 556	18.60
	0.70	0611 558	18.60
	0.75	0611 560	18.60
	0.80	0611 562	18.60
	0.85	0611 564	18.60
	0.90	0611 566	19.80
	0.95	0611 568	19.80
	1.0	0611 570	19.80

0611 Set of feeler gauge tapes in wallholder



Model

- Refillable with selected feeler gauges
- Wall holder made of steel, gloss coated
- With size labels

Delivery

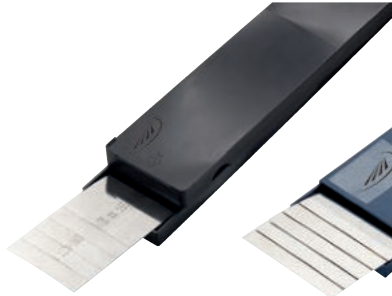
- With holder and mounting fittings

☒ ☒	Dimensions mm	Measuring range mm	Number of boxes	Order no.	List price EUR
	330 x 100 x 110	0.01 - 0.25	15	0611 180	261.00
	330 x 210 x 220	0.3 - 1.0	15	0611 190	283.00



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0613 Precision reference sheets



0613 607



0613 709



0613 812

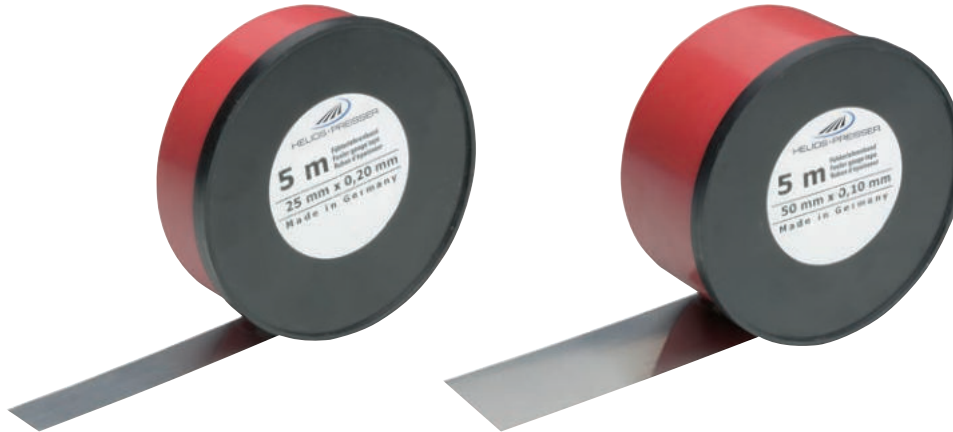
Nominal size mm	Carbon steel, 50 x 300 mm, 10 pieces		Stainless steel, 100 x 500 mm, 5 pieces		Stainless steel, 150 x 500 mm, 5 pieces	
	Order no.	List price EUR	Order no.	List price EUR	Order no.	List price EUR
0.01	0613 607	77.00				
0.02	0613 609	41.40	0613 709	58.00		
0.025					0613 812	64.00
0.03	0613 614	29.10				
0.04	0613 616	29.10				
0.05	0613 618	29.10	0613 718	34.50	0613 818	52.00
0.06	0613 620	19.90				
0.07	0613 622	19.90				
0.075					0613 824	52.00
0.08	0613 626	19.90				
0.09	0613 628	19.90				
0.10	0613 630	20.60	0613 730	32.40	0613 830	48.60
0.12	0613 632	20.60				
0.15	0613 634	20.60	0613 734	32.40	0613 834	48.60
0.18	0613 636	20.60				
0.20	0613 638	20.60	0613 738	40.80	0613 838	61.00
0.25	0613 640	20.60			0613 840	61.00
0.30	0613 642	20.60	0613 742	40.80	0613 842	61.00
0.35	0613 644	22.80				
0.40	0613 646	22.80	0613 746	46.00	0613 846	72.00
0.45	0613 648	22.80				
0.50	0613 650	22.80	0613 750	53.00	0613 850	83.00
0.60	0613 652	36.50	0613 752	64.00		
0.70	0613 654	36.50	0613 754	64.00		
0.80	0613 656	36.50	0613 756	77.00		
0.90	0613 658	36.50	0613 758	77.00		
1.00	0613 660	36.50	0613 760	85.00	0613 860	133.00



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0613 Feeler gauge tapes



Nominal size mm	Carbon steel, width 25 mm length 5 m		Carbon steel, width 50 mm length 5 m		Stainless steel, width 100 mm length 5 m		Stainless steel, width 150 mm length 5 m	
	Order no.	List price EUR	Order no.	List price EUR	Order no.	List price EUR	Order no.	List price EUR
0.01	0613 107	77.00	0613 207	111.00				
0.02	0613 109	41.40	0613 209	60.00	0613 309	106.00		
0.025							0613 412	121.00
0.03	0613 114	29.10	0613 214	41.90				
0.04	0613 116	29.10	0613 216	41.90				
0.05	0613 118	29.10	0613 218	41.90	0613 318	64.00	0613 418	97.00
0.06	0613 120	19.90	0613 220	28.60				
0.07	0613 122	19.90	0613 222	28.60				
0.075							0613 424	97.00
0.08	0613 126	19.90	0613 226	28.60				
0.09	0613 128	19.90	0613 228	28.60				
0.10	0613 130	20.60	0613 230	29.70	0613 330	60.00	0613 430	93.00
0.12			0613 232	29.70				
0.15	0613 134	20.60	0613 234	29.70	0613 334	60.00	0613 434	93.00
0.18			0613 236	29.70				
0.20	0613 138	20.60	0613 238	29.70	0613 338	77.00	0613 438	117.00
0.25			0613 240	29.70			0613 440	117.00
0.30	0613 142	20.60	0613 242	29.70	0613 342	77.00	0613 442	117.00
0.35			0613 244	32.40				
0.40	0613 146	22.80	0613 246	32.40	0613 346	87.00	0613 446	129.00
0.45			0613 248	32.40				
0.50	0613 150	22.80	0613 250	32.40	0613 350	100.00	0613 450	150.00
0.60	0613 152	36.50	0613 252	53.00	0613 352	119.00		
0.70	0613 154	36.50	0613 254	53.00	0613 354	119.00		
0.80	0613 156	36.50	0613 256	53.00	0613 356	143.00		
0.90	0613 158	36.50	0613 258	53.00	0613 358	143.00		
1.00	0613 160	36.50	0613 260	53.00	0613 360	163.00		



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0584 Comparative surface roughness standards



Model

- 6 manufacturing processes
- 30 comparative standards

Delivery

- Plastic case

	Order no.	List price EUR
 	0584 101	358.00



0623 Individual steel gauge blocks, tolerance class 0



Model

- EN ISO 3650
- Special steel, hardened

Nominal size mm	Order no.	List price EUR
0.5	0623 100	47.60
1.0	0623 102	40.30
1.10	0623 170	40.30
1.20	0623 220	40.30
1.30	0623 270	40.30
1.40	0623 320	40.30
1.50	0623 370	40.30
1.60	0623 375	40.30
1.70	0623 380	40.30
1.80	0623 385	40.30
1.90	0623 390	40.30
2.00	0623 395	40.30
2.50	0623 400	42.80
3.00	0623 405	42.80
3.50	0623 410	42.80
4.00	0623 415	42.80
4.50	0623 420	42.80
5.00	0623 425	42.80
5.50	0623 430	42.80
6.00	0623 435	42.80
6.50	0623 440	42.80
7.00	0623 445	42.80
7.50	0623 450	42.80
8.00	0623 455	42.80
8.50	0623 460	42.80
9.00	0623 465	42.80
9.50	0623 470	42.80
10.00	0623 475	52.00
11.00	0623 500	52.00

Nominal size mm	Order no.	List price EUR
12.00	0623 510	52.00
13.00	0623 520	52.00
14.00	0623 530	52.00
15.00	0623 540	52.00
16.00	0623 550	52.00
17.00	0623 560	52.00
18.00	0623 570	52.00
19.00	0623 580	52.00
20.00	0623 590	52.00
21.00	0623 600	52.00
22.00	0623 610	52.00
23.00	0623 620	52.00
24.00	0623 630	52.00
25.00	0623 640	52.00
30.00	0623 650	61.00
40.00	0623 670	61.00
50.00	0623 680	61.00
60.00	0623 690	61.00
70.00	0623 700	61.00
80.00	0623 710	76.00
90.00	0623 720	76.00
100.00	0623 730	91.00
125.00	0623 740	319.00
150.00	0623 750	319.00
175.00	0623 760	319.00
200.00	0623 770	381.00
300.00	0623 780	544.00
400.00	0623 790	706.00
500.00	0623 800	976.00



0624 Individual steel gauge blocks, tolerance class 1



Model

- EN ISO 3650
- Special steel, hardened

Nominal size mm	Order no.	List price EUR
0.5	0624 100	31.70
1.0	0624 102	27.00
1.001	0624 104	27.00
1.002	0624 106	27.00
1.003	0624 108	27.00
1.004	0624 110	27.00
1.005	0624 112	27.00
1.006	0624 114	27.00
1.007	0624 116	27.00
1.008	0624 118	27.00
1.009	0624 120	27.00
1.01	0624 122	27.00
1.02	0624 130	27.00
1.03	0624 135	27.00
1.04	0624 140	27.00
1.05	0624 145	27.00
1.06	0624 150	27.00
1.07	0624 155	27.00
1.08	0624 160	27.00
1.09	0624 165	27.00
1.10	0624 170	27.00
1.11	0624 175	27.00
1.12	0624 180	27.00
1.13	0624 185	27.00
1.14	0624 190	27.00
1.15	0624 195	27.00
1.16	0624 200	27.00
1.17	0624 205	27.00
1.18	0624 210	27.00
1.19	0624 215	27.00
1.20	0624 220	27.00
1.21	0624 225	27.00
1.22	0624 230	27.00
1.23	0624 235	27.00
1.24	0624 240	27.00
1.25	0624 245	27.00
1.26	0624 250	27.00
1.27	0624 255	27.00
1.28	0624 260	27.00
1.29	0624 265	27.00

Nominal size mm	Order no.	List price EUR
1.30	0624 270	27.00
1.31	0624 275	27.00
1.32	0624 280	27.00
1.33	0624 285	27.00
1.34	0624 290	27.00
1.35	0624 295	27.00
1.36	0624 300	27.00
1.37	0624 305	27.00
1.38	0624 310	27.00
1.39	0624 315	27.00
1.40	0624 320	27.00
1.41	0624 325	27.00
1.42	0624 330	27.00
1.43	0624 335	27.00
1.44	0624 340	27.00
1.45	0624 345	27.00
1.46	0624 350	27.00
1.47	0624 355	27.00
1.48	0624 360	27.00
1.49	0624 365	27.00
1.50	0624 370	27.00
1.60	0624 375	27.00
1.70	0624 380	27.00
1.80	0624 385	27.00
1.90	0624 390	27.00
2.00	0624 395	27.00
2.50	0624 400	28.10
3.00	0624 405	28.10
3.50	0624 410	28.10
4.00	0624 415	28.10
4.50	0624 420	28.10
5.00	0624 425	28.10
5.50	0624 430	28.10
6.00	0624 435	28.10
6.50	0624 440	28.10
7.00	0624 445	28.10
7.50	0624 450	28.10
8.00	0624 455	28.10
8.50	0624 460	28.10
9.00	0624 465	28.10

Nominal size mm	Order no.	List price EUR
9.50	0624 470	28.10
10.00	0624 475	34.20
11.00	0624 500	34.20
12.00	0624 510	34.20
13.00	0624 520	34.20
14.00	0624 530	34.20
15.00	0624 540	34.20
16.00	0624 550	34.20
17.00	0624 560	34.20
18.00	0624 570	34.20
19.00	0624 580	34.20
20.00	0624 590	34.20
21.00	0624 600	34.20
22.00	0624 610	34.20
23.00	0624 620	34.20
24.00	0624 630	34.20
25.00	0624 640	34.20
30.00	0624 650	40.30
35.00	0624 660	40.30
40.00	0624 670	40.30
50.00	0624 680	40.30
60.00	0624 690	40.30
70.00	0624 700	40.30
80.00	0624 710	51.00
90.00	0624 720	51.00
100.00	0624 730	60.00
125.00	0624 740	194.00
150.00	0624 750	194.00
175.00	0624 760	194.00
200.00	0624 770	230.00
300.00	0624 780	331.00
400.00	0624 790	428.00
500.00	0624 800	592.00



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0625 Individual steel gauge blocks, tolerance class 2



Model

- EN ISO 3650
- Special steel, hardened

Nominal size mm	Order no.	List price EUR
0.5	0625 100	25.60
1.0	0625 102	22.00
1.001	0625 104	22.00
1.002	0625 106	22.00
1.003	0625 108	22.00
1.004	0625 110	22.00
1.005	0625 112	22.00
1.006	0625 114	22.00
1.007	0625 116	22.00
1.008	0625 118	22.00
1.009	0625 120	22.00
1.01	0625 122	22.00
1.02	0625 130	22.00
1.03	0625 135	22.00
1.04	0625 140	22.00
1.05	0625 145	22.00
1.06	0625 150	22.00
1.07	0625 155	22.00
1.08	0625 160	22.00
1.09	0625 165	22.00
1.10	0625 170	22.00
1.11	0625 175	22.00
1.12	0625 180	22.00
1.13	0625 185	22.00
1.14	0625 190	22.00
1.15	0625 195	22.00
1.16	0625 200	22.00
1.17	0625 205	22.00
1.18	0625 210	22.00
1.19	0625 215	22.00
1.20	0625 220	22.00
1.21	0625 225	22.00
1.22	0625 230	22.00
1.23	0625 235	22.00
1.24	0625 240	22.00
1.25	0625 245	22.00
1.26	0625 250	22.00
1.27	0625 255	22.00
1.28	0625 260	22.00
1.29	0625 265	22.00

Nominal size mm	Order no.	List price EUR
1.30	0625 270	22.00
1.31	0625 275	22.00
1.32	0625 280	22.00
1.33	0625 285	22.00
1.34	0625 290	22.00
1.35	0625 295	22.00
1.36	0625 300	22.00
1.37	0625 305	22.00
1.38	0625 310	22.00
1.39	0625 315	22.00
1.40	0625 320	22.00
1.41	0625 325	22.00
1.42	0625 330	22.00
1.43	0625 335	22.00
1.44	0625 340	22.00
1.45	0625 345	22.00
1.46	0625 350	22.00
1.47	0625 355	22.00
1.48	0625 360	22.00
1.49	0625 365	22.00
1.50	0625 370	22.00
1.60	0625 375	22.00
1.70	0625 380	22.00
1.80	0625 385	22.00
1.90	0625 390	22.00
2.00	0625 395	22.00
2.50	0625 400	22.00
3.00	0625 405	22.00
3.50	0625 410	22.00
4.00	0625 415	22.00
4.50	0625 420	22.00
5.00	0625 425	22.00
5.50	0625 430	22.00
6.00	0625 435	22.00
6.50	0625 440	22.00
7.00	0625 445	22.00
7.50	0625 450	22.00
8.00	0625 455	22.00
8.50	0625 460	22.00
9.00	0625 465	22.00

Nominal size mm	Order no.	List price EUR
9.50	0625 470	22.00
10.00	0625 475	27.00
11.00	0625 500	27.00
12.00	0625 510	27.00
13.00	0625 520	27.00
14.00	0625 530	27.00
15.00	0625 540	27.00
16.00	0625 550	27.00
17.00	0625 560	27.00
18.00	0625 570	27.00
19.00	0625 580	27.00
20.00	0625 590	27.00
21.00	0625 600	27.00
22.00	0625 610	27.00
23.00	0625 620	27.00
24.00	0625 630	27.00
25.00	0625 640	27.00
30.00	0625 650	31.70
35.00	0625 660	31.70
40.00	0625 670	31.70
50.00	0625 680	31.70
60.00	0625 690	31.70
70.00	0625 700	31.70
80.00	0625 710	40.30
90.00	0625 720	40.30
100.00	0625 730	47.60
125.00	0625 740	156.00
150.00	0625 750	156.00
175.00	0625 760	156.00
200.00	0625 770	166.00
300.00	0625 780	262.00
400.00	0625 790	308.00
500.00	0625 800	403.00



0633 Gauge block holders with rapid adjustment



☒	☒	Measuring range mm	Order no.	List price EUR
		0 - 50	0633 136	206.00
		0 - 100	0633 137	235.00
		0 - 200	0633 138	282.00
		100 - 200	0633 139	259.00
		100 - 300	0633 140	306.00
		200 - 400	0633 141	353.00
		300 - 500	0633 142	399.00
		400 - 600	0633 143	436.00
		500 - 800	0633 144	505.00
		800 - 1000	0633 145	705.00

0633 Radiused measuring jaws with cylindrical shoulders / pair



☒	☒	Nominal size mm	Measuring depth mm	Order no.	List price EUR
		4	8	0633 150	242.00
		10	15	0633 151	242.00
		16	20	0633 152	259.00
		20	40	0633 153	317.00
		30	65	0633 154	447.00
		40	95	0633 155	582.00

0633 Plane / parallel jaws, pair

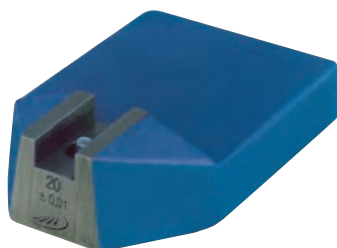


Model

- For external measurement

☒	☒	Dimensions mm	Order no.	List price EUR
For external measurements				
		100 x 9 x 20	0633 174	235.00
		125 x 9 x 20	0633 175	277.00
For internal and external measurements				
		100 x 9 x 20	0633 176	436.00
		125 x 9 x 20	0633 177	517.00

0633 Stand for gauge block holder



Model

- Special steel, hardened

☒	☒	Dimensions mm	Order no.	List price EUR
		103 x 70 x 27	0633 182	183.00



0633 Gauge block maintenance set



Model

- Set consists of:
- Linen cloth
 - Chamois leather
 - 1 jar of anti corrosion oil
 - Oil stone
 - Fine paint brush
 - Broad paint brush
 - User manual

Delivery

- Wooden case

Order no.	List price EUR
0633 001	354.00

0633 Steel gauge block inspection sets for micrometers



Model

- EN ISO 3650
- Special steel, hardened
- Tolerance class 1

Delivery

- Wooden case

Max. nominal size mm	Order no.	List price EUR
10 pieces, excludes the optical flat		
2.5 / 5.1 / 7.7 / 10.3 / 12.9 / 15.0 / 17.6 / 20.2 / 22.8 / 25.0	0633 810	310.00
5 pieces with optical flat		
5.1 / 10.3 / 15.0 / 20.2 / 25.0	0633 805	383.00
8 pieces with optical flat		
5.1 / 10.3 / 15.0 / 20.2 / 25.0 / 50.0 / 75.0 / 100	0633 808	511.00

0633 Steel gauge block inspection set for calipers



Model

- EN ISO 3650
- Special steel, hardened
- Tolerance class 1
- Supplied with setting rings 4 mm and 25 mm

Delivery

- Wooden case

For measuring range mm	Max. nominal size mm	Order no.	List price EUR
3 pieces			
200	30.0 / 41.3 / 131.4	0633 833	635.00
4 pieces			
300	30.0 / 41.3 / 131.4 / 243.5	0633 834	847.00
6 pieces			
500	30.0 / 41.3 / 131.4 / 243.5 / 281.2 / 481.1	0633 836	1512.00
5 pieces			
1000	131.4 / 243.5 / 281.2 / 481.1 / 900	0633 838	2673.00



0633 Parallel steel gauge block sets



Model

- EN ISO 3650
- Special steel, hardened

Delivery

- Wooden case

		Number of gauge blocks	Max. nominal size mm	Increment mm	Order no.	List price EUR
Tolerance class 0						
		103	1.005 1.01 - 1.49 0.5 - 24.5 25.0 - 100.0	- 0.01 0.5 25	0633 014	1002.00
		87	1.001 - 1.009 1.01 - 1.49 0.5 - 9.5 10.0 - 100.0	0.001 0.01 0.5 10	0633 016	916.00
		47	1.005 1.01 - 1.09 1.11 - 1.19 1.1 - 1.9 1.0 - 9.0 10.0 - 100.0	- 0.01 0.01 0.1 1 10	0633 018	596.00
		32	1.005 1.01 - 1.09 1.1 - 1.9 1.0 - 9.0 10.0 - 30.0 50.0	- 0.01 0.1 1 10 -	0633 020	436.00
Tolerance class 1						
		103	1.005 1.01 - 1.49 0.5 - 24.5 25.0 - 100.0	- 0.01 0.5 25	0633 114	771.00
		87	1.001 - 1.009 1.01 - 1.49 0.5 - 9.5 10.0 - 100.0	0.001 0.01 0.5 10	0633 116	588.00
		47	1.005 1.01 - 1.09 1.11 - 1.19 1.1 - 1.9 1.0 - 9.0 10.0 - 100.0	- 0.01 0.01 0.1 1 10	0633 118	363.00
		32	1.005 1.01 - 1.09 1.1 - 1.9 1.0 - 9.0 10.0 - 30.0 50.0	- 0.01 0.1 1 10 -	0633 120	264.00



0633 Parallel steel gauge block sets



Model

- EN ISO 3650
- Special steel, hardened

Delivery

- Wooden case

	Number of gauge blocks	Max. nominal size mm	Increment mm	Order no.	List price EUR
Tolerance class 2					
	103	1.005 1.01 - 1.49 0.5 - 24.5 25.0 - 100.0	- 0.01 0.5 25	0633 214	487.00
	87	1.001 - 1.009 1.01 - 1.49 0.5 - 9.5 10.0 - 100.0	0.001 0.01 0.5 10	0633 216	385.00
	47	1.005 1.01 - 1.09 1.11 - 1.19 1.1 - 1.9 1.0 - 9.0 10.0 - 100.0	- 0.01 0.01 0.1 1 10	0633 218	263.00
	32	1.005 1.01 - 1.09 1.1 - 1.9 1.0 - 9.0 10.0 - 30.0 50.0	- 0.01 0.1 1 10 -	0633 220	174.00



0636 Pin gauge holder



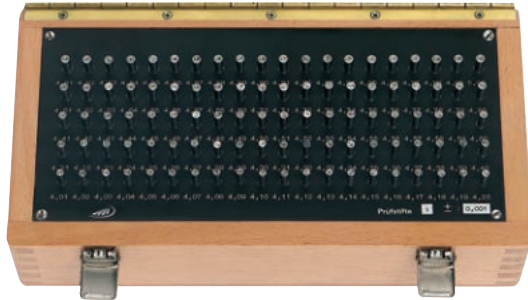
Model

- Die cast
- With locking screw

▶▶	▶	Measuring range mm	Length mm	Order no.	List price EUR
		1 - 2	60	0636 392	14.90
		2 - 4	68	0636 393	17.10
		4 - 6	76	0636 394	32.40
		6 - 8	84	0636 395	41.50
		8 - 10	92	0636 396	47.80



0636 Set of pin gauges



Model

- DIN 2269
- Made out of high quality gauge steel

Delivery

- Wooden case

DIN
2269

Icon	Length mm	Number of pins	Max. nominal size mm	Increment mm	Order no.	List price EUR
Special steel, hardened and aged - Tolerance class 1						
	40	51	0.5 - 1.0	0.01	0636 301	916.00
	70	21	1.0 - 2.0	0.05	0636 321	278.00
	70	21	2.0 - 3.0	0.05	0636 322	278.00
	70	21	3.0 - 4.0	0.05	0636 323	343.00
	70	21	4.0 - 5.0	0.05	0636 324	343.00
	70	21	5.0 - 6.0	0.05	0636 325	343.00
	70	21	6.0 - 7.0	0.05	0636 326	419.00
	70	21	7.0 - 8.0	0.05	0636 327	419.00
	70	21	8.0 - 9.0	0.05	0636 328	419.00
	70	21	9.0 - 10.0	0.05	0636 329	419.00
	70	101	1.0 - 2.0	0.01	0636 341	1166.00
	70	100	2.01 - 3.0	0.01	0636 342	1166.00
	70	100	3.01 - 4.0	0.01	0636 343	1477.00
	70	100	4.01 - 5.0	0.01	0636 344	1477.00
	70	100	5.01 - 6.0	0.01	0636 345	1477.00
	70	100	6.01 - 7.0	0.01	0636 346	1817.00
	70	100	7.01 - 8.0	0.01	0636 347	1817.00
	70	100	8.01 - 9.0	0.01	0636 348	1817.00
	70	100	9.01 - 10.0	0.01	0636 349	1817.00
	70	91	1.0 - 10.0	0.1	0636 351	1489.00
	70	81	1.0 - 5.0	0.05	0636 352	1353.00
Special steel, hardened and aged - Tolerance class 2						
	70	101	1.0 - 2.0	0.01	0636 372	815.00
	70	100	2.01 - 3.0	0.01	0636 373	815.00
	70	100	3.01 - 4.0	0.01	0636 374	1073.00
	70	100	4.01 - 5.0	0.01	0636 375	1073.00
	70	100	5.01 - 6.0	0.01	0636 376	1073.00
	70	100	6.01 - 7.0	0.01	0636 377	1300.00
	70	100	7.01 - 8.0	0.01	0636 378	1475.00
	70	100	8.01 - 9.0	0.01	0636 379	1475.00
	70	100	9.01 - 10.0	0.01	0636 380	1475.00



0643 Snap gauge, double jaw



Model

- Dimensions 3 to 100 mm
- Gauge steel
- Hardened measuring faces
- Dimensions acc. DIN 2230
- Manufacturing tolerances: according to DIN 7163

Delivery

- Available on request
- **Important: Please mention dimension and fit**

0649 Adjustable snap gauges



Model

- Special cast iron
- 1 fixed measuring face, 2 adjustable square measuring faces

Delivery

- Cardboard box

☒	☒	Max. nominal size mm	Order no.	List price EUR
		0 - 6	0649 201	82.00
		6 - 13	0649 202	82.00
		13 - 19	0649 203	82.00
		19 - 26	0649 204	84.00
		26 - 32	0649 205	84.00
		32 - 38	0649 206	88.00
		38 - 44	0649 207	88.00
		44 - 51	0649 208	92.00
		51 - 57	0649 209	92.00
		57 - 64	0649 210	96.00

☒	☒	Max. nominal size mm	Order no.	List price EUR
		64 - 70	0649 211	96.00
		70 - 78	0649 212	105.00
		78 - 87	0649 213	105.00
		87 - 97	0649 215	117.00
		97 - 106	0649 216	133.00
		106 - 116	0649 217	133.00
		116 - 125	0649 219	159.00
		125 - 135	0649 220	207.00
		135 - 144	0649 222	237.00
		144 - 156	0649 223	237.00



0656 Ring gauges



Model

- DIN 2250-1 (C)
- Hardened gauge steel
- For setting internal measuring instruments

DIN
2250-1

⏏	📏	Nominal size	Order no.	List price	⏏	📏	Nominal size	Order no.	List price
		mm		EUR			mm		EUR
		12,5	0656 303	57.00			52	0656 353	108.00
		17,5	0656 304	85.00			55	0656 354	118.00
		225	0656 305	1007.00			58	0656 355	122.00
		275	0656 306	1108.00			60	0656 356	128.00
		3	0656 309	65.00			62	0656 357	131.00
		3,5	0656 310	57.00			65	0656 358	139.00
		4	0656 311	57.00			68	0656 359	149.00
		4,5	0656 312	57.00			70	0656 360	155.00
		5	0656 313	56.00			72	0656 361	161.00
		6	0656 314	54.00			75	0656 362	165.00
		7	0656 315	54.00			78	0656 363	174.00
		8	0656 316	54.00			80	0656 364	180.00
		9	0656 317	54.00			82	0656 365	190.00
		10	0656 318	54.00			85	0656 366	202.00
		11	0656 319	56.00			88	0656 367	216.00
		12	0656 320	57.00			90	0656 368	223.00
		13	0656 321	58.00			92	0656 369	232.00
		14	0656 322	58.00			95	0656 370	247.00
		15	0656 323	59.00			98	0656 371	259.00
		16	0656 324	59.00			100	0656 372	268.00
		17	0656 325	60.00			105	0656 373	280.00
		18	0656 326	60.00			110	0656 374	295.00
		19	0656 327	61.00			115	0656 375	307.00
		20	0656 328	64.00			120	0656 376	321.00
		21	0656 329	64.00			125	0656 377	335.00
		22	0656 330	64.00			130	0656 378	346.00
		23	0656 331	67.00			135	0656 379	361.00
		24	0656 332	68.00			140	0656 380	374.00
		25	0656 333	69.00			145	0656 381	387.00
		26	0656 334	72.00			150	0656 382	401.00
		27	0656 335	72.00			155	0656 383	438.00
		28	0656 336	73.00			160	0656 384	473.00
		30	0656 337	67.00			165	0656 385	508.00
		32	0656 338	76.00			170	0656 386	545.00
		33	0656 339	76.00			175	0656 387	582.00
		34	0656 340	77.00			180	0656 388	617.00
		35	0656 341	77.00			185	0656 389	654.00
		36	0656 342	78.00			190	0656 390	689.00
		37	0656 343	81.00			195	0656 391	726.00
		38	0656 344	82.00			200	0656 392	761.00
		40	0656 345	83.00			210	0656 393	803.00
		42	0656 346	87.00			220	0656 394	838.00
		44	0656 347	92.00			230	0656 395	877.00
		45	0656 348	94.00			240	0656 396	917.00
		46	0656 349	96.00			250	0656 397	956.00
		47	0656 350	100.00			260	0656 398	996.00
		48	0656 351	102.00			270	0656 399	1033.00
		50	0656 352	105.00					



0637 Plug gauges



Model

- Manufacturing tolerances: according to DIN 7150-2 and DIN 7164
- Fit H7
- All cylindrical

✂	📏	Dimensions acc. to Din	Nominal size mm	Order no.	List price EUR
Gauge steel, hardened					
		2245-1	2	0637 103	35.10
		2245-1	2.2	0637 104	35.10
		2245-1	2.5	0637 105	35.10
		2245-1	2.8	0637 106	25.50
		2245-1	3	0637 107	25.50
		2245-1	3.5	0637 108	22.80
		2245-1	4	0637 109	22.80
		2245-1	4.5	0637 110	22.80
		2245-1	5	0637 111	21.60
		2245-1	6	0637 112	21.60
		2245-1	7	0637 113	22.80
		2245-1	8	0637 114	22.80
		2245-1	9	0637 115	24.40
		2245-1	10	0637 116	25.50
		2245-1	11	0637 117	25.50
		2245-1	12	0637 118	27.10
		2245-1	13	0637 119	28.30
		2245-1	14	0637 120	28.30
		2245-1	15	0637 121	29.10
		2245-1	16	0637 122	29.10
		2245-1	17	0637 123	30.50
		2245-1	18	0637 124	31.60
		2245-1	19	0637 125	31.60
		2245-1	20	0637 126	31.60
		2245-1	21	0637 127	33.30
		2245-1	22	0637 128	34.00
		2245-1	23	0637 129	35.10
		2245-1	24	0637 130	35.10
		2245-1	25	0637 131	36.50
		2245-1	26	0637 132	37.90
		2245-1	27	0637 133	37.90
		2245-1	28	0637 134	39.00
		2245-1	30	0637 135	39.00
		2245-1	32	0637 136	43.20

✂	📏	Dimensions acc. to Din	Nominal size mm	Order no.	List price EUR
		2245-1	33	0637 137	44.00
		2245-1	34	0637 138	45.20
		2245-1	35	0637 139	45.20
		2245-1	36	0637 140	46.40
		2245-1	37	0637 141	47.30
		2245-1	38	0637 142	48.60
		2245-1	40	0637 144	51.00
		2245-2	42	0637 146	52.00
		2245-2	43	0637 147	64.00
		2245-2	44	0637 148	56.00
		2245-2	45	0637 149	57.00
		2245-2	46	0637 150	58.00
		2245-2	47	0637 151	60.00
		2245-2	48	0637 152	61.00
		2245-2	50	0637 154	64.00
		2245-2	52	0637 155	67.00
		2245-2	55	0637 156	72.00
		2245-2	58	0637 157	76.00
		2245-2	60	0637 158	78.00
		2245-2	62	0637 159	83.00
		2245-2	65	0637 160	83.00
		2245-2	68	0637 161	91.00
		2245-2	70	0637 162	92.00
		2245-2	72	0637 163	94.00
		2245-2	75	0637 164	100.00
		2245-2	78	0637 165	104.00
		2245-2	80	0637 166	105.00
		2245-2	82	0637 167	108.00
		2245-2	85	0637 168	112.00
		2245-2	88	0637 169	118.00
		2245-2	90	0637 170	119.00
		2245-2	92	0637 171	122.00
		2245-2	95	0637 172	124.00
		2245-2	98	0637 173	129.00
		2245-2	100	0637 174	131.00



0637 Plug gauge set



Model

- DIN 2245
- Hardened gauge steel
- GO and NO GO

Delivery

- Wooden box

DIN
2245

✕	☒	Number of gauges	ISO fit	Nominal size mm	Order no.	List price EUR
		(3, 4, 5, 6, 8, 10, 12)				
		7	H7	3 - 12	0637 190	167.00



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0658 Thread plug gauges



**DIN
2280**

Model

- DIN 2280
- For standard metric ISO threads DIN 13
- Gauge steel, hardened

✂	📏	ISO Fit	Type of thread	Nominal size mm	Thread pitch mm	Order no.	List price EUR
		6H	M	3.0	0.50	0658 009	77.00
		6H	M	4.0	0.70	0658 011	73.00
		6H	M	5.0	0.80	0658 012	72.00
		6H	M	6.0	1.00	0658 013	68.00
		6H	M	8.0	1.25	0658 015	72.00
		6H	M	10.0	1.50	0658 017	76.00
		6H	M	12.0	1.75	0658 019	82.00

0658 Set of thread plug gauges



Delivery

- Wooden box

**DIN
2280**

✂	📏	Tolerance class	Type of thread	Max. nominal size mm	Order no.	List price EUR
		(M3, M4, M5, M6, M8, M10, M12)				
		6H	M	M3 - M12	0658 090	285.00

0658 GO thread ring gauges



Model

- DIN 2285-1
- GO thread ring gauge
- For standard metric ISO threads DIN 13
- Hardened gauge steel

**DIN
2285-1**

✂	📏	ISO Fit	Type of thread	Nominal size mm	Thread pitch mm	Order no.	List price EUR
		6g	M	3.0	0.50	0658 509	60.00
		6g	M	4.0	0.70	0658 511	56.00
		6g	M	5.0	0.80	0658 512	56.00
		6g	M	6.0	1.00	0658 513	56.00
		6g	M	8.0	1.25	0658 515	57.00
		6g	M	10.0	1.50	0658 517	67.00
		6g	M	12.0	1.75	0658 519	78.00



0658 NO GO thread ring gauges



Model

- DIN 2299-1
- NO GO thread ring gauge
- For standard metric ISO threads DIN 13
- Hardened gauge steel

DIN
2299-1

☒	☒	ISO Fit	Type of thread	Nominal size mm	Thread pitch mm	Order no.	List price EUR
		6g	M	3.0	0.50	0658 609	60.00
		6g	M	4.0	0.70	0658 611	56.00
		6g	M	5.0	0.8	0658 612	56.00
		6g	M	6.0	1.0	0658 613	56.00
		6g	M	8.0	1.25	0658 615	57.00
		6g	M	10.0	1.5	0658 617	67.00
		6g	M	12.0	1.75	0658 619	78.00

0658 Thread ring gauges GO



Model

- 7-pieces
- Hardened gauge steel
- For standard metric ISO threads DIN 13
- Fit 6g

Delivery

- Wooden case

DIN
2285-1

☒	☒	ISO Fit	Type of thread	Nominal size mm	Order no.	List price EUR
		(M3, M4, M5, M6, M8, M10, M12)				
		6g	M	3 - 12	0658 590	285.00

0658 Thread ring gauges NO GO



Model

- 7-pieces
- Hardened gauge steel
- For standard metric ISO threads DIN 13

Delivery

- Wooden case

DIN
2299-1

☒	☒	ISO Fit	Type of thread	Nominal size mm	Order no.	List price EUR
		(M3, M4, M5, M6, M8, M10, M12)				
		6g	M	3 - 12	0658 690	285.00

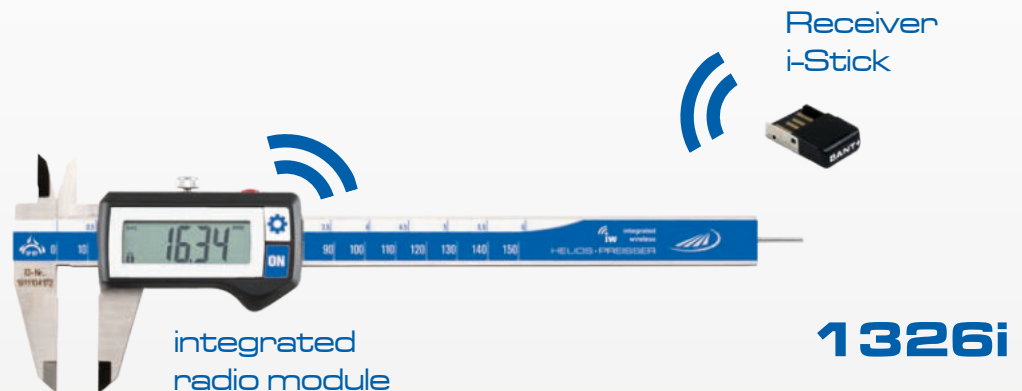
SAMPLES DATA TRANSMISSION

 **integrated
IW wireless**

NO CABLE
NO RADIO MODULE

Thanks to the integrated wireless system our measuring devices from series **i** offer simple data transmission without additional cables

Transmission of data directly to MS Excel® or into any application on Windows via keyboard interface



DATA Variable



ONE INTERFACE
MANY OPTIONS



OUT **STANDARD** FOR
DATA TRANSMISSION
WITH CABLES

USB + RS 232 + DIGIMATIC

7. CHAPTER DATA TRANSMISSION

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Data cables Data Variable / Software

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Data cables Opto / BlueDat

234

Integrated Wireless



1998 / 1997 Data cable DATA VARIABLE



Our Interface: Data Variable



DATA-Button

To transfer the measured results

Possible connections



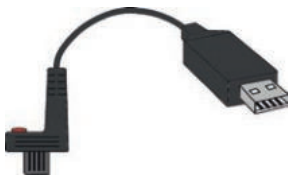
USB

RS 232

Digimatic

Model

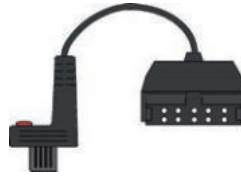
- Available for all DIGI-MET measuring instruments with a variable data output (DATA VARIABLE)
- Length 2 m
- With a data transfer button on the plug-in jack
- For use with MarCom Professional software to transfer the measured results to PC, laptop or workstation



1998 720



1997 501



1998 501

⏪	⏩	Description	Order no.	List price EUR
		Cable DataVariable for RS 232	1997 501	57.00
		Cable DataVariable for Digimatic	1998 501	73.00
		Cable DataVariable for USB	1998 720	82.00
Bidirectional (for suitable micrometers only)				
		Data cable bidirectional DataVariable to USB	1998 801	111.00
		Data cable bidirectional DataVariable to Digimatic	1998 802	96.00

1998 Software MarCom Professional



Model

Software for easy data acquisition, for all measuring instruments with variable data output (DATA VARIABLE) and integrated wireless (IW)

- Connection to more than 100 measuring instruments with USB data cable possible
- Data transmission with virtual interface box MUX 50 format possible
- Connection of two serial COM-interfaces possible
- Several foot switches via USB connectable, the measuring instruments can be freely assigned
- USB Hubs connectable as measuring instrument interface
- Wireless data transfer with Integrated Wireless (IW) devices
- Wireless data transfer via **blueDAT**

System requirements

IBM AT compatible PC, MS Windows 7 / 8 / 10, USB-interface from version 2.0 MS EXCEL® from version 97



⏪	⏩	Description	Order no.
		MarCom Professional	1998 710

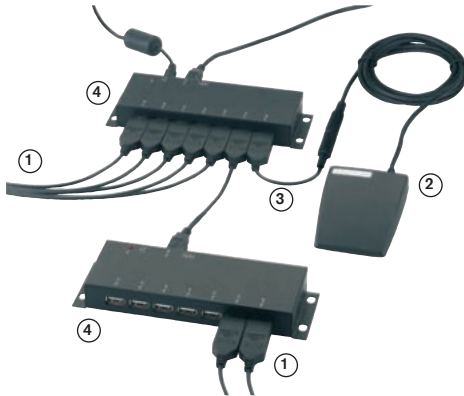


HELIOS · PREISSER

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1998 Accesories for data aquisition with MarCom

Example: possible measuring station setup



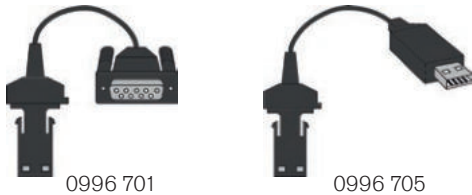
Model

- 1. USB-cable to devices
- 2. Foot switch with jack plug
- 3. USB-adapter-cable for foot switch
- 4. USB-hub for connecting several devices

☒	☒	Description	Order no.	List price EUR
		Cable DataVariable for USB	1998 720	82.00
		USB-adapter cable for foot switch	1998 722	68.00
		USB-hub sevenfold with plug-in power supply	1998 730	136.00
		Foot-switch* (length of the cable 2 m)	1998 732	82.00

* To connect to the MarCom, the USB-adapter cable Ref. No. 1998 722 is required

0996 Data cable opto



☒	☒	Description	Order no.	List price EUR
		Cable Opto for RS232	0996 701	87.00
		Cable Opto for USB	0996 705	166.00

1998 blueDAT - wireless data transmission (bluetooth)



Model

Available for all DIGI-MET measuring instruments with a variable data output (DATA VARIABLE)

- Reach: approx. 10 m
- With a data transfer button on the plug-in jack
- USB receiver for use with MarCom Professional software to transfer the measured results to PC, laptop or workstation

☒	☒	Description	Order no.	List price EUR
		blueDAT USB receiver	1998 740	114.00
		blueDAT for DATA Variable	1998 742	410.00
		blueDAT for RS 232 opto	1998 744	410.00
		blueDAT for RS 232 Proximity	1998 746	561.00
		blueDAT for RS 232 Power (Powered through cable)	1998 748	561.00



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1998 i-Stick USB-receiver for Integrated Wireless



**integrated
iW wireless**
Wireless Data Transmission



☒	☒	Number of channels	Frequency band	Radio range	Number of i-Sticks per workspace	Number of devices max.	For measuring instruments	Order no.	List price
			MHz						EUR
		3	2400	up to 6 meters	4	32 (8 per i-Stick)	1326i / 1371i / 1726i / 1734i / 1866i	1998 780	108.00



1998 i-Stick USB-receiver for Integrated Wireless



Description

- **Measurement without the nuisance of additional modules:** Unlike conventional wireless solutions, which have a large external transmitter with separate battery, the transmitter in Integrated Wireless is fully integrated.
- **Highly mobile:** Integrated Wireless gives you much more mobility. There is no cable to get in the way, either at the measuring station or when measuring on or at the machine or at large workpieces
- **Easy data transfer:** With Integrated Wireless you can transfer your measured values to the PC simply using the i-Stick. As with a data cable, the measured values are accepted via the MarCom software directly into MS Excel® or via a keyboard code into any Windows application
- **Reliable transfer:** With Integrated Wireless you can be sure that your data will arrive safely. Measuring instruments with Integrated Wireless display messages to confirm whether the transmitted data has been correctly transferred or whether you are within receiving range of the i-Stick receiver
- **Long battery life:** The integrated wireless interface makes the measuring instrument exceptionally energy-efficient. And unlike conventional wireless systems, no additional battery is required
- **Affordable:** With Integrated Wireless you can connect up to 8 measuring instruments per i-Stick receiver. Expensive interface boxes are no longer necessary. With even one connected measuring instrument you get a wireless connection for the price of a cable

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