



HELIOS · PREISSER



Metrology



precision for professionals

A STRONG BRAND FOR PROFESSIONAL

METROLOGY:



HELIOS•PREISSER

With a combined 175 years of experience in metrology, the two traditional company brands; Helios and Preisser Messtechnik have joined together to become a new, strong brand: HELIOS•PREISSER.

With this new brand name we can combine the know-how and the experiences developed over the years as separate brands. We have also composed a concise statement concerning our brand and underlining our core competency: Professional metrology.

The demands and the requirements of the professional user also underlines our new global trade mark:

precision for professionals.

Our aim is to establish a globally recognised brand image which we will strongly focus on in the future; to develop a highly recognised brand and to ensure that our product positioning as well as our product philosophy is more understandable.

As a German quality brand HELIOS•PREISSER develops, manufactures and distributes via specialised technical traders and retailers a very comprehensive metrology programme. At our head office in Gammertingen our qualified staff in conjunction with the deployment of the modern technology are able to reach a high vertical degree of manufacturing; which also leads to substantial advantages in the flexibility, stock availability and guaranteeing a high quality product.

In our new HELIOS•PREISSER catalogue you can obtain a better impression of our wide ranging and competent product program. Our new catalogue has been completely revised, updated and extended with numerous new products. A great deal of material has been processed and the relevant information has been compiled in a clear and compact format as well as the use of pictograms, not just improving this catalogue but also making it easier to use.

The central focus of our activities is always you, the customer; we strive to be your reliable and competent partner.

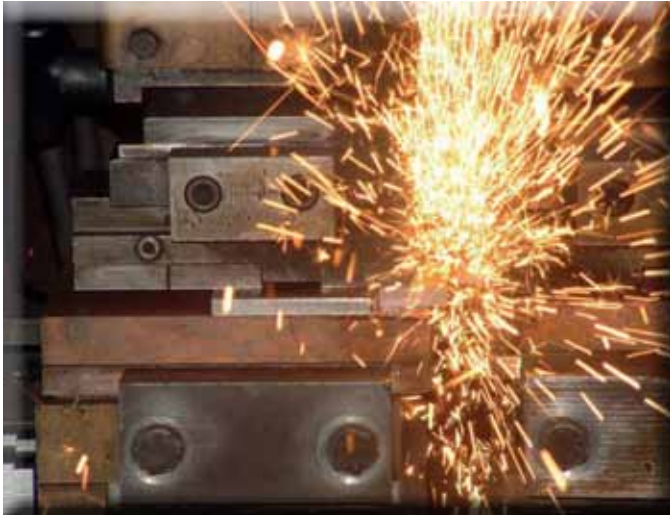
Just ask us and you will be convinced of the superior quality of our products and services.

HELIOS•PREISSER

A handwritten signature in black ink, appearing to read 'Rainer Fahrenholz'.

Rainer Fahrenholz
Marketing and Sales Manager

VERSATILE MANUFACTURING



Flash welding



CNC machining centre



CNC grinding



Induction hardening



HELIOS•PREISSER

TOGETHER WE HAVE 175 YEARS OF EXPERIENCE IN METROLOGY

The two companies which gave birth to the HELIOS•PREISSER brand still have their roots in their respective company histories:



In 1910 Wilhelm Schneider founded in Esslingen a company „Fabrik für Meßwerkzeuge“, which was later renamed “Helios Messtechnik“.

In 2007 Helios ventured a partnership with “Preisser Messtechnik“ for joint sales and distribution, thus began the „HELIOS•PREISSER distribution centre“.



In 1939; Albert Barth, Willi Hirschvogel and Erich Preißer established a company in Mägerkingen: “Barth und Preisser“, which manufactured hand measuring instruments.

The company headquarters was moved in 1981 to Gammertingen, where on approx. 5000 m², hand measuring instruments are still being produced. The product range was broadened in 2002 to incorporate squares and rules with the takeover of "Messzeugbau Sachsen GmbH“.

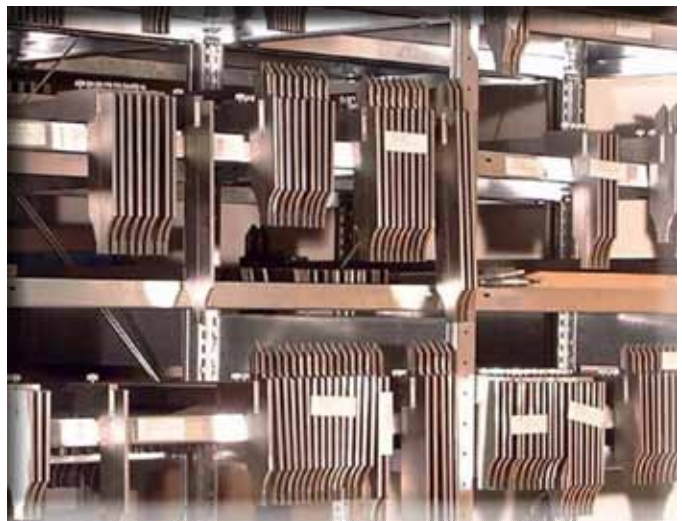
In the course of sales and distribution partnership, HELIOS•PREISSER has its headquarters in Gammertingen on the Swabian Alb. With our 120 qualified members of staff we develop, manufacture and globally distribute high-quality hand measuring instruments for the professional application.



QUALITY "MADE IN GERMANY"



Quality control



Storage facilities



Laser graduation



Modern laser technology

YOUR BENEFITS AT A GLANCE:

German manufacturer of high quality hand measuring instruments

We at HELIOS•PREISSER can draw upon our decades of experience in developing, producing and selling professional hand measuring instruments. In Gammertingen, which lies in the Swabian Alb, we have 5,000 m² of production facilities with approx. 120 qualified staff, in conjunction with the most modern technology we produce high quality products to satisfy the highest demands. Together with our production site in Saxony, where we manufacture squares and rules we produce a **broad range of hand measuring instruments “Made in Germany”**. Our quality management system for development, manufacturing, procurement, marketing and selling corresponds to the strict requirements of the DIN EN ISO 9001.

Includes a calibration certificate

Quality can only be achieved in accordance to different legal regulations, standards and guidelines as well as internal quality management requirements such as accurately calibrated measuring and inspection instrument. Therefore HELIOS•PREISSER offers with many of our calipers an **initial calibration with a test certification free of charge**. Please refer to the product tables.

Special designed products to suit individual customer requirements

Where the others quit is where our challenge begins. You are certainly aware that there are some situations where a standard product does not function properly, supplies inaccurate results or is simply not an ideal solution to begin with. In cases like this you require an unique product to serve you, then **tell us what kind a measuring instrument you need** – we are glad to offer you our advice and make you an individual offer specified to your requirements and tailored to your needs.

Product availability and shorter response times

How often does it occur that a new measuring task has to be solved, however the ideal measuring instrument for this application is either missing or defective? Irrespective of the price is; how soon can I get my desired measuring instrument delivered? This is where you can rely on our well-stocked warehouse at HELIOS•PREISSER. Due to our advance planning in purchasing, production, logistics and distribution we always strive to have a broad range of products in stock. **Challenge us – we are ready and waiting for you!**

Distribution exclusively through specialist traders

HELIOS•PREISSER co-operates with **more than 5,000 specialist dealers world-wide** thus we can ensure that when required there is always a competent partner close to you.

Customer orientation and service

We strive daily in all areas of our company to improve quality of both our products and services to meet the needs of our customers.

Finally, a major role is service: **our calibration laboratory and repair department aim to provide a precise and fast completion of your order**. We hope that this round up our business activities as woken your interest, for more information please do not hesitate to contact us.

ONLINE WE CAN BE REACHED 24 HOURS A DAY, EVERY DAY

The screenshot shows the homepage of the HELIOS-PREISSER website. At the top left, there is a language selector set to 'German | English' and a search bar. The top right features the 'HP HELIOS-PREISSER' logo. A navigation menu on the left lists 'Home', 'Company', 'Special offer', 'Products', 'Services', and 'Contact'. The main content area is titled 'Home' and features a heading 'HELIOS-PREISSER – precision for professionals'. Below this, there are three paragraphs of text: the first introduces the brand as a combination of Helios and Preisser Messtechnik; the second states the company's core competency is 'Professional metrology'; the third notes that the demands of professional users underline the new global trade mark. A section titled 'Our Helios-Preisser metrology catalogue – to browse online:' includes a thumbnail of the catalogue and a 'Price list HELIOS-PREISSER' link. A list of instructions follows: 'Click the arrow keys to move to the next or previous catalogue page.', 'To visit a particular page, enter the page number in the field below.', and 'For simpler and quicker orientation there is also a contents index.' The footer contains icons for 'Print', 'Favourites', 'Recommend', '@ email', and 'Terms of use | Login help'.

German | English

Search

HP
HELIOS-PREISSER

Home

HELIOS-PREISSER – precision for professionals

A strong brand name for professional metrology

With a combined 175 years of experience in metrology, the two traditional company brands; Helios and Preisser Messtechnik have joined together to become a new, strong brand: **HELIOS-PREISSER**.

With this new brand name we can combine the know-how and the experiences developed over the years as separate brands. We have also composed a concise statement concerning our brand and underlining our core competency: **Professional metrology**.

The demands and the requirements of the professional user also underlines our new global trade mark:

precision for professionals

Our aim is to establish a globally recognised brand image which we will strongly focus on in the future; to develop a highly recognised brand and to ensure that our product positioning as well as our product philosophy is more understandable.

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Our Helios-Preisser metrology catalogue – to browse online:











Price list HELIOS-PREISSER

- Click the arrow keys to move to the next or previous catalogue page.
- To visit a particular page, enter the page number in the field below.
- For simpler and quicker orientation there is also a contents index.









Print Favourites Recommend @ email Terms of use | Login help

Visit us on our homepage:
www.HELIOS-PREISSER.de

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	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
	Data output: OPTO or Data variable
	Accuracy according to DIN

CHAPTER 1 - CALIPERS

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Pocket vernier caliper 0184

HP

DIN
862



Specification

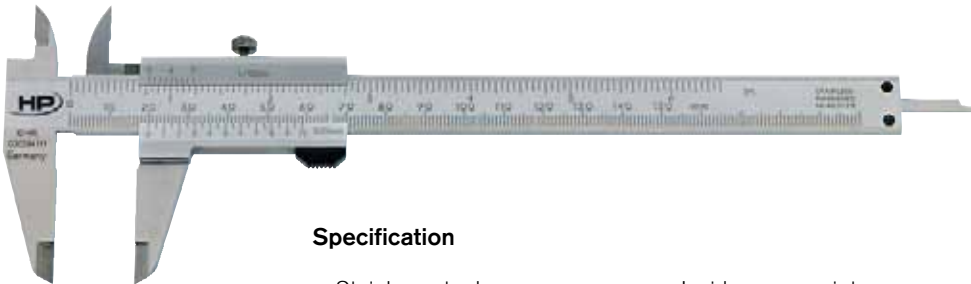
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Thumb clamp
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	F.O.C.	Satin	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0184 501	21.80

Pocket vernier caliper 0185

HP

DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- High-set locking screw
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	F.O.C.	Satin	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0185 501	21.80

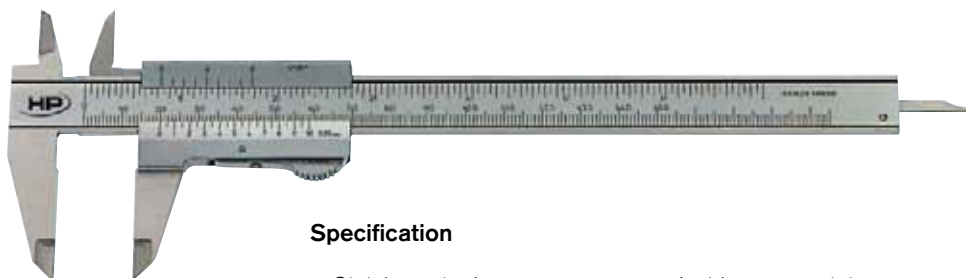




Pocket vernier caliper 0188



DIN
862



Specification

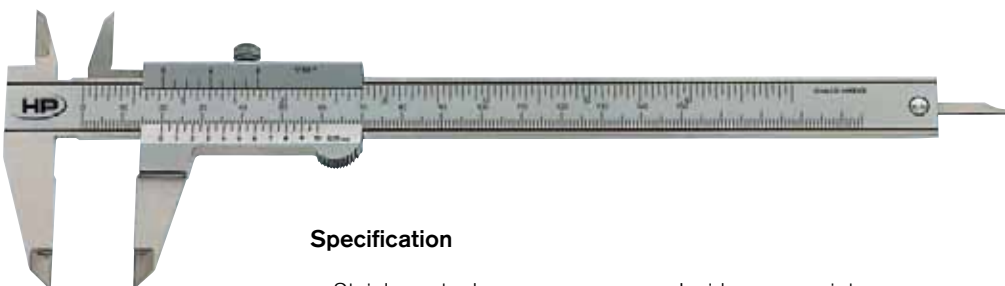
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Thumb clamp
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	QuickLock	QuickStart	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0188 501	18.90

Pocket vernier caliper 0189



DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- High-set locking screw
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

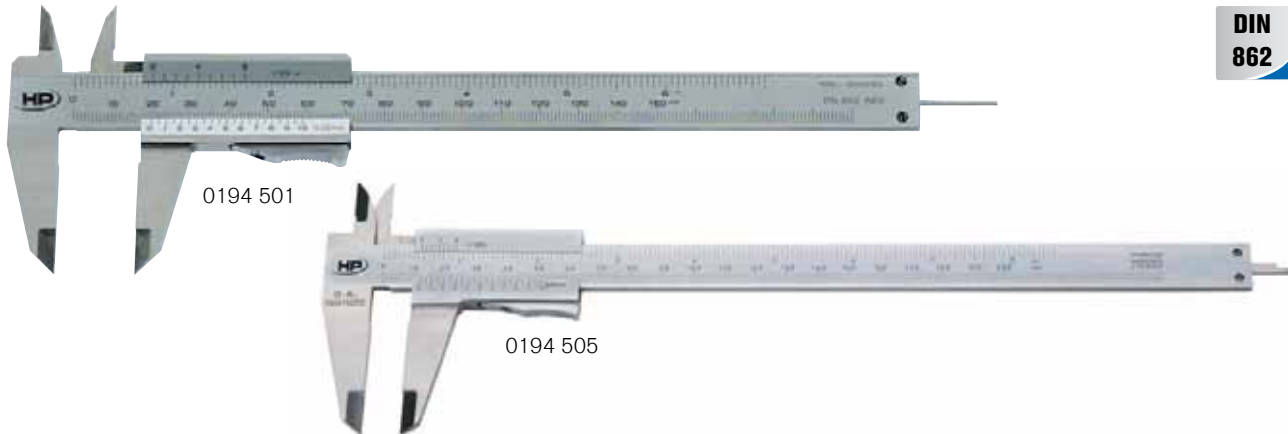
Home	QuickLock	QuickStart	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0189 501	18.90



Pocket vernier caliper 0194



DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Thumb clamp
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	Marked *	Marked *	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	round dia. 1.8 mm	0194 501	22.90
▪			200	8	40	1.57	0.05	1/128	rectangular	0194 505	28.30

Pocket vernier caliper 0195



DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- High-set locking screw
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	Marked *	Marked *	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	round dia. 1.8 mm	0195 501	22.90
▪			200	8	40	1.57	0.02	1/1000	rectangular	0195 505	31.30

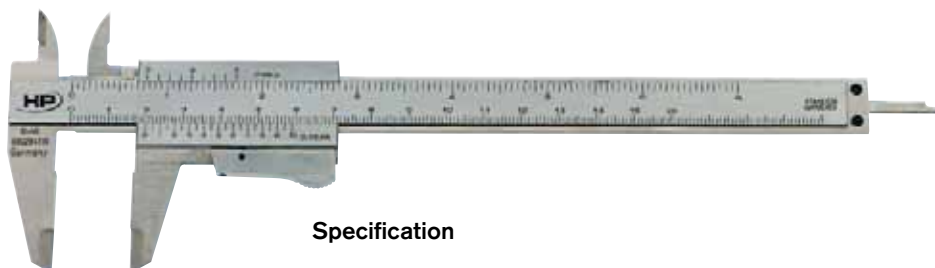




Pocket vernier caliper 0198



DIN
862



Specification

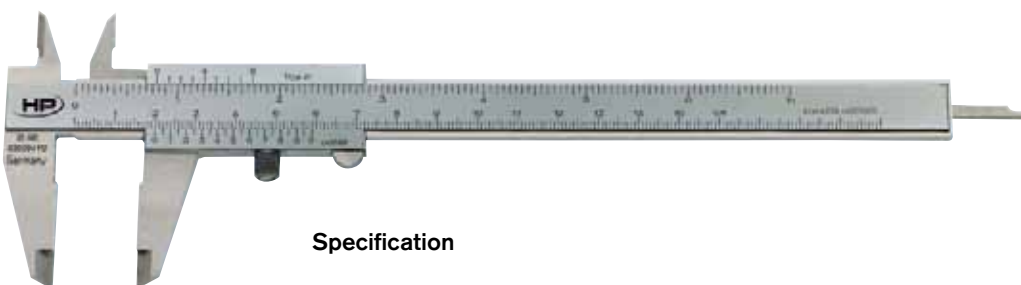
- Parallax-free reading
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Thumb clamp
- Inside cross points
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	QuickLock	QuickStart	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0198 501	26.40

Pocket vernier caliper 0199



DIN
862



Specification

- Parallax-free reading
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Low-set locking screw
- Inside cross points
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

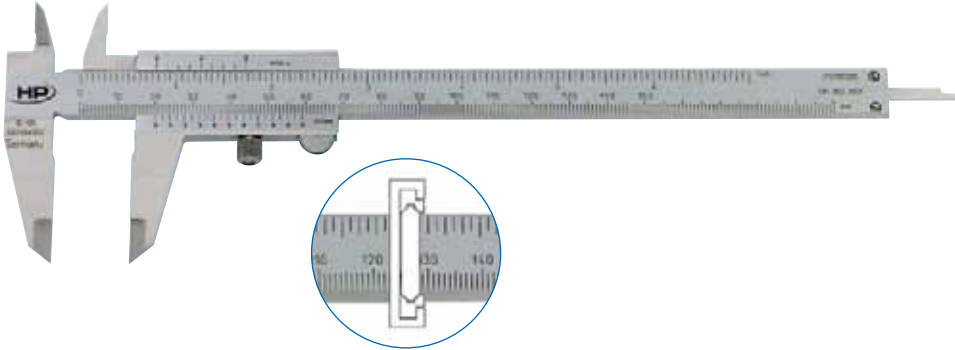
Home	QuickLock	QuickStart	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0199 501	26.40



Precision pocket vernier caliper PRISMA 0203

HP

DIN
862



Specification

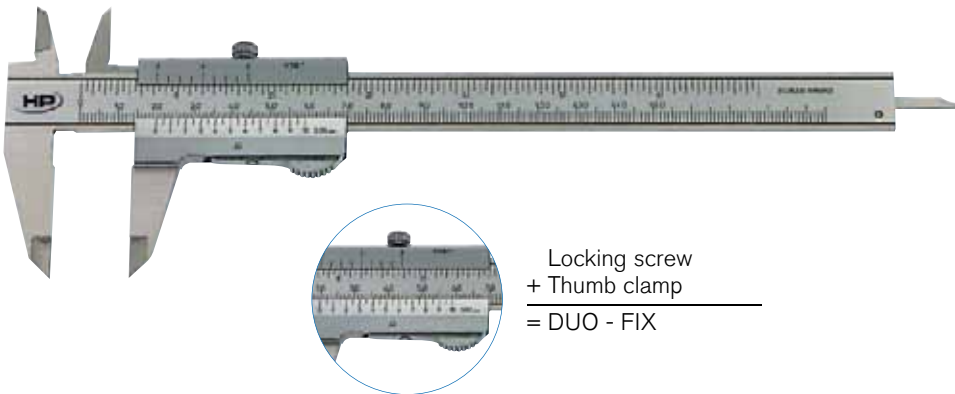
- Parallax-free reading
- Double V-guide
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Low-set locking screw
- Inside cross points
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	F.O.C.	Satin	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0203 501	43.80

Pocket vernier caliper DUO - FIX 0190

HP

DIN
862



Locking screw
+ Thumb clamp
= DUO - FIX

Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Thumb clamp **and** locking screw
- Inside cross points
- Low-set master scale
- Four way measurement
- Includes thread table
- Packaging: Imitation leather case

Home	F.O.C.	Satin	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			150	6	40	1.57	0.05	1/128	rectangular	0190 501	22.90





2 piece measuring tool set 0206



Set 0206 501 consists of:

- Pocket vernier caliper: 150 mm
- Micrometer: 0-25 mm
- Packaging:
Wooden case

	Ref. No.	List price Euro
▪	0206 501	53.00

8 piece measuring tool set 0212



Illustration: Measuring tool set 0212 501

Set 0212 501 consists of:

- Pocket vernier caliper: 150 mm
- Micrometer: 0-25 mm
- Flexible steel rule: 200 mm
- Knife-edge square: 100 x 70 mm, DIN 875/00
- Knife-edge straight edge: 100 mm
- Dividers: 125 mm
- Scriber: 175 mm
- Centre punch: 100 mm
- Packaging:
Wooden case

Set 0212 502 consists of:

- Pocket vernier caliper: 150 mm
- Micrometer: 0-25 mm
- Flexible steel rule: 200 mm
- Flat square: 100 x 70 mm, DIN 875/2
- Knife-edge straight edge: 100 mm
- Dividers: 125 mm
- Scriber: 175 mm
- Centre punch: 100 mm
- Packaging:
Wooden case

	Ref. No.	List price Euro
▪	0212 501	96.00
▪	0212 502	81.00



Dial caliper 0216

HP



DIN
862

0216 501

Specification

- Stainless steel
- Satin chrome scale
- DIN 862 (only 0216 501)
- Locking screw
- One pointer revolution = 10 mm
- Adjustable dial face
- Packaging: Fitted case



0216 521

□	⊗	⚙	Measuring range		Jaw length		Length of cross points	Reading	Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	mm			
▪			150	6	40	1.57	15	0.05	rectangular	0216 501	75.00
With extra long inside cross points (40 mm) - Factory standard											
▪			150	6	40	1.57	40	0.05	rectangular	0216 521	319.00

Dial caliper 0217 / 0218

HP



DIN
862

Specification

- Stainless steel
- Satin chrome scale
- DIN 862
- Locking screw
- Inside cross points
- One pointer revolution with 0217 = 2 mm with 0218 = 1 mm
- Four way measurement
- Packaging: Fitted case

□	⊗	⚙	Measuring range		Jaw length		Reading	Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm			
▪	▪		150	6	40	1.57	0.02	rectangular	0217 501	59.00
▪			200	8	40	1.57	0.02	rectangular	0217 502	118.00
▪	▪		150	6	40	1.57	0.01	rectangular	0218 501	79.00



DIGI-MET® QuickStart Electronic

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

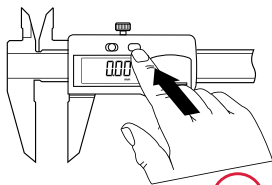


All digital calipers with the **QuickStart-Electronic** also have the **QuickLock** Function. Only set the zero position once, zero position remains stored for all further measurements. When the **QuickLock** Function is activated a lock symbol appears in the display, this ensures that the zero position 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.

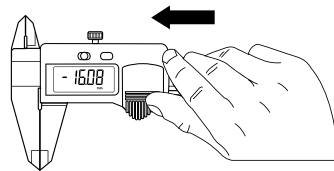
Conventional

① Switch ON



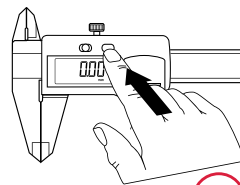
1

② Close the measuring jaws



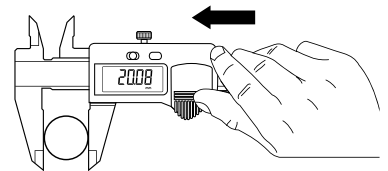
2

③ Set to zero



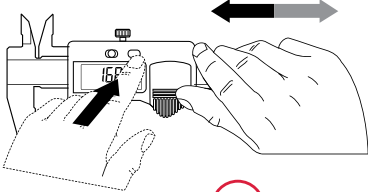
3

④ Result of measurement



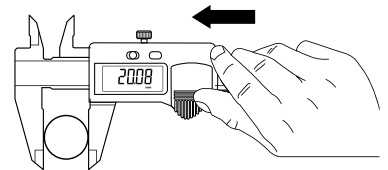
4

QuickStart Electronic



1

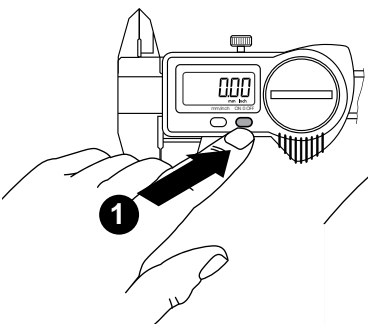
Press the ON key or move the slide



4

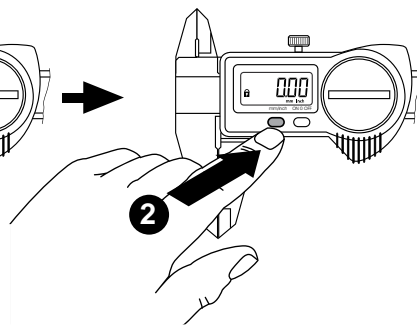
DIGI-MET® QuickLock Function

1. Set to zero



1

2. Activate the QuickLock Function



2



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)



DIGI-MET® Pocket caliper 1220

HP



DIN 862



1220 417



1220 518

Specification

- Inductive measuring system, resistant to damp and sweat
- Stainless steel
- LCD display 7.5 mm
- DIN 862
- Locking screw
- Inside cross points
- Four way measurement with measuring ranges 150 and 200 mm
- Three way measurement with measuring range 300 mm
- Packaging: Plastic case, 1220 518 = Wooden case

Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB

Home	Back	List	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
Without data output											
▪	▪		150	6	40	1.57	0.01	.0005	round	1220 416	99.00
▪	▪		150	6	40	1.57	0.01	.0005	rectangular	1220 417	99.00
With DATA VARIABLE											
▪	▪		150	6	40	1.57	0.01	.0005	round	1220 516	129.00
▪	▪		150	6	40	1.57	0.01	.0005	rectangular	1220 517	129.00
▪			200	8	40	1.57	0.01	.0005	rectangular	1220 519	162.00
▪			300	12	60	2.34	0.01	.0005	without	1220 522	208.00
With extra long inside cross points (40 mm)											
			150	6	40	1.57	0.01	.0005	round	1220 518	349.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Pocket caliper 1226



Specification

- Protection class IP 67
- Stainless steel
- LCD display 7.5 mm
- DIN 862
- Meas. system is insensitive to cooling agents and dust
- 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
- Packaging: Plastic case

Electronic functions

- ON/OFF switch
- QuickLock** Function
- Zero setting at any position
- mm/inch conversion

			Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪	▪		150	6	40	1.57	0.01	.0005	round	1226 416	143.00
▪	▪		150	6	40	1.57	0.01	.0005	rectangular	1226 417	143.00
▪	▪		200	8	50	2.00	0.01	.0005	rectangular	1226 418	199.00
▪	▪		300	12	65	2.50	0.01	.0005	without	1226 422	251.00
With carbide tipped measuring jaws											
			150	6	40	1.57	0.01	.0005	round	1226 914	299.00

Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40

DIGI-MET® Pocket caliper 0220



Specification

- Protection class IP 65
- Measuring system is insensitive to fluids and cooling agents
- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Inside cross points
- Four way measurement
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- Automatic OFF
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

			Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪	▪		150	6	40	1.57	0.01	.0005	rectangular	0220 721	143.00
▪	▪		200	8	40	1.57	0.01	.0005	rectangular	0220 723	209.00
Accessories											
			Battery, 3V-Lithium, CR 2032							0220 704	3.40
			Cable for Opto to RS 232							0996 701	67.00
			Cable for Opto to USB							0996 705	127.50



DIGI-MET® PRISMA Pocket caliper 1222

HP



Specification

- With double prisma guide
- Stainless steel
- DIN 862
- LCD display 7.5 mm
- Locking screw
- Inside cross points
- Four way measurement
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB

Home	Back	Menu	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
Without data output											
▪	▪		150	6	40	1.57	0.01	.0005	round dia. 1.5 mm	1222 416	162.00
With DATA VARIABLE											
▪	▪		150	6	40	1.57	0.01	.0005	round dia. 1.5 mm	1222 516	167.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60

Replacement battery for DIGI-MET® instruments

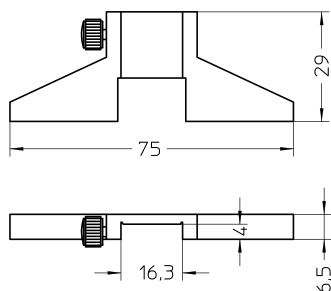
HP



	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40

Depth attachment base

HP



Specification

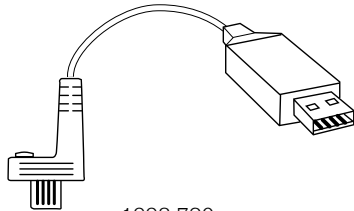
- Stainless steel
- Suitable for all pocket calipers
- Bridge length: 75 mm
- Dimensions: 75 x 7 mm
- Packaging: Individually packed

	Ref. No.	List price Euro
Depth attachment base	0220 705	19.50

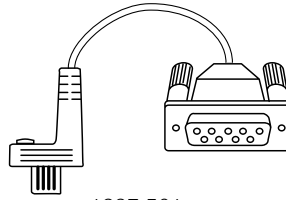




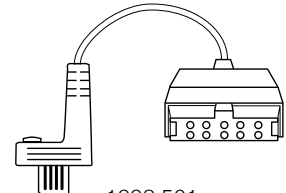
Connecting cables for DIGI-MET® instruments



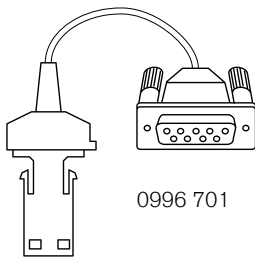
1998 720



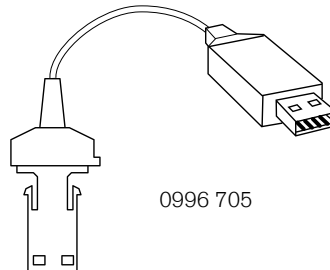
1997 501



1998 501



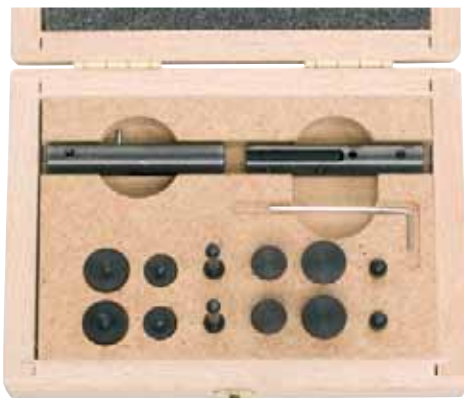
0996 701



0996 705

	Ref. No.	List price Euro
Cable for USB incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50

Measuring tool set »Extensions« 0145



Set consists of:

- Pair of measuring inserts with disc, disc dia. 6 / 10 / 12,5 mm
- Pair of measuring inserts with 60° cone, dia. 9 / 12,5 mm
- Pair of measuring inserts with cylindrical surfaces 1.5 mm
- Insert holder, right / left
- Allen wrench $\frac{3}{64}$ " (1.2 mm)
- Packaging: Wooden case

	Ref. No.	List price Euro
Measuring tool set »Extensions«	0145 110	149.00



Measure distances between bore holes



Measure grooves



Measure distances



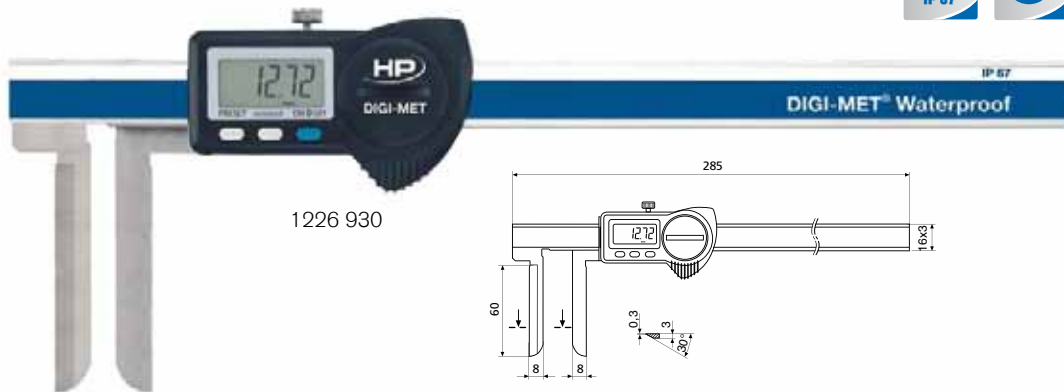
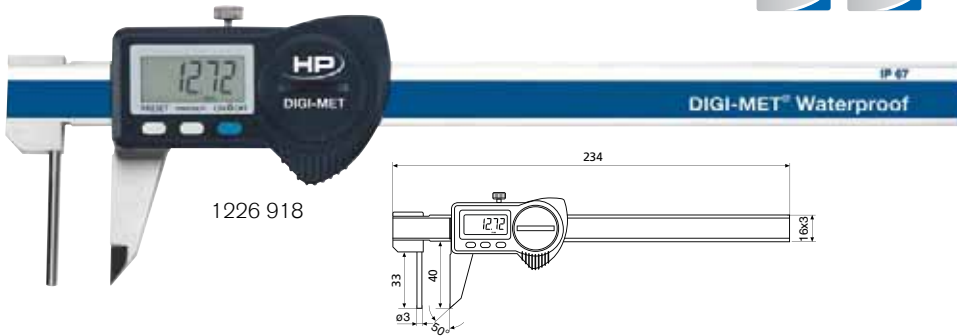
Measure distances between bore holes



Measure grooves



DIGI-MET® Pocket caliper 1226 for specific measuring tasks



Specification

- Protection class IP 67
- 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
- Locking screw
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

	Measuring range	mm		inch		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
Wall thickness pocket caliper									
▪	0 - 150	0 - 6	40	1.57	0.01	.0005	1226 918	439.00	
With long narrow measuring jaws									
▪	10 - 200	4 - 8	60	2.36	0.01	.0005	1226 930	569.00	

Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.

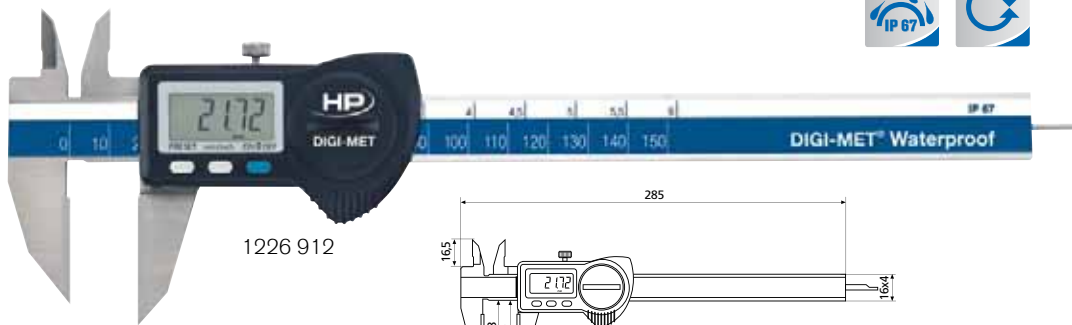
0220 704

List price Euro

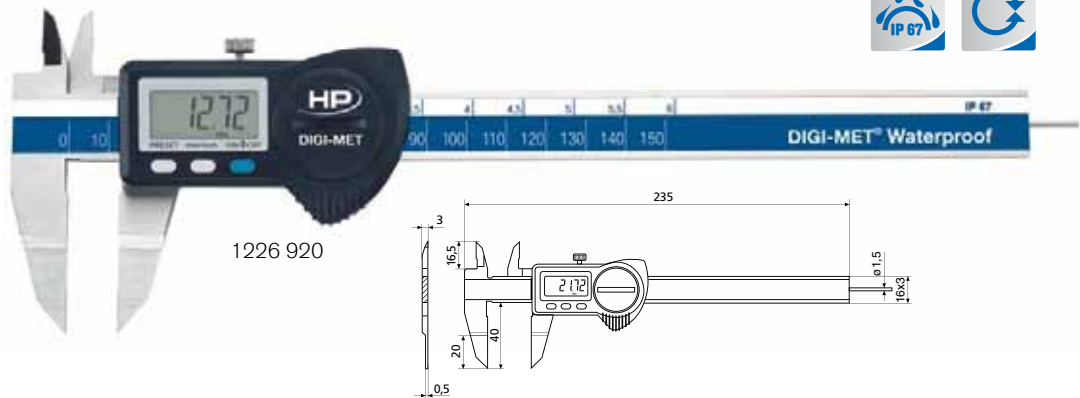
3.40



DIGI-MET® Pocket caliper 1226 for specific measuring tasks



1226 912



1226 920



Specification

- Protection class IP 67
- 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
- Locking screw
- Inside cross points
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

	Measuring range	Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch		
Scribing / marking pocket caliper with carbide tipped measuring faces							
▪	200	8	33 / 40	1.29 / 1.57	0.01	.0005	1226 912 249.00
Blade type pocket caliper							
▪	150	6	40	1.57	0.01	.0005	1226 920 475.00

Accessories

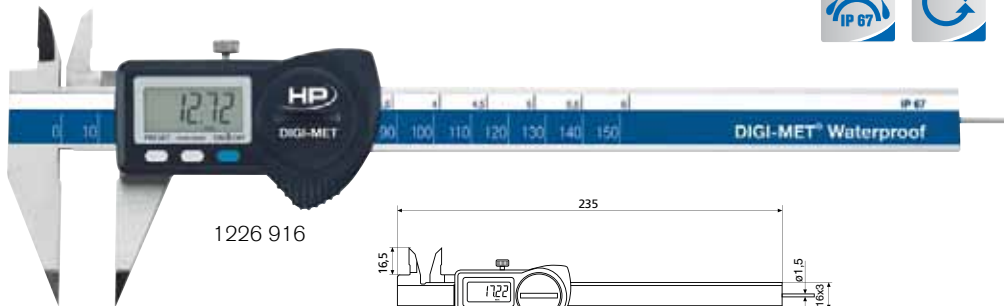
Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40

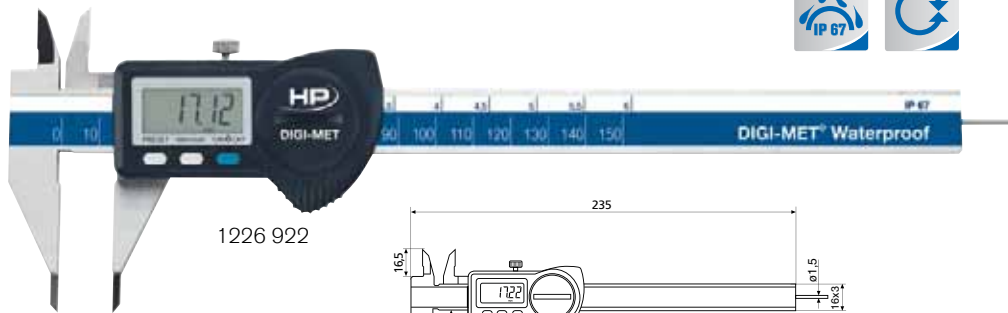
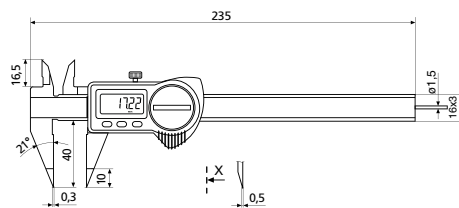


DIGI-MET® Pocket caliper 1226 for specific measuring tasks

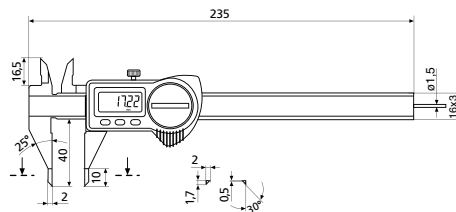
HP



1226 916



1226 922



Specification

- Protection class IP 67
- 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
- Locking screw
- Inside cross points
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

		Measuring range		Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
Point type pocket caliper	▪	150	6	40	1.57	0.01	.0005	1226 916	345.00
Pocket calipers with pointed measuring jaws	▪	150	6	40	1.57	0.01	.0005	1226 922	389.00

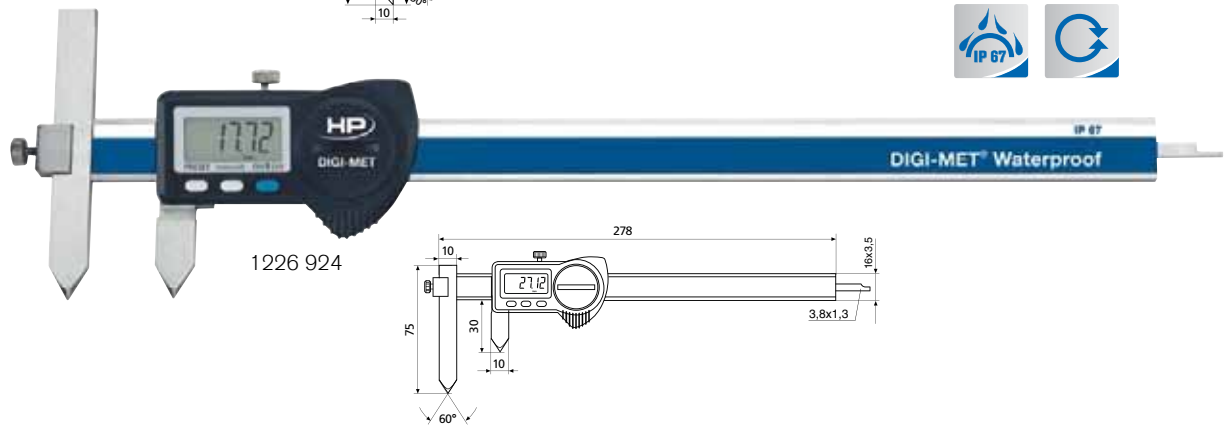
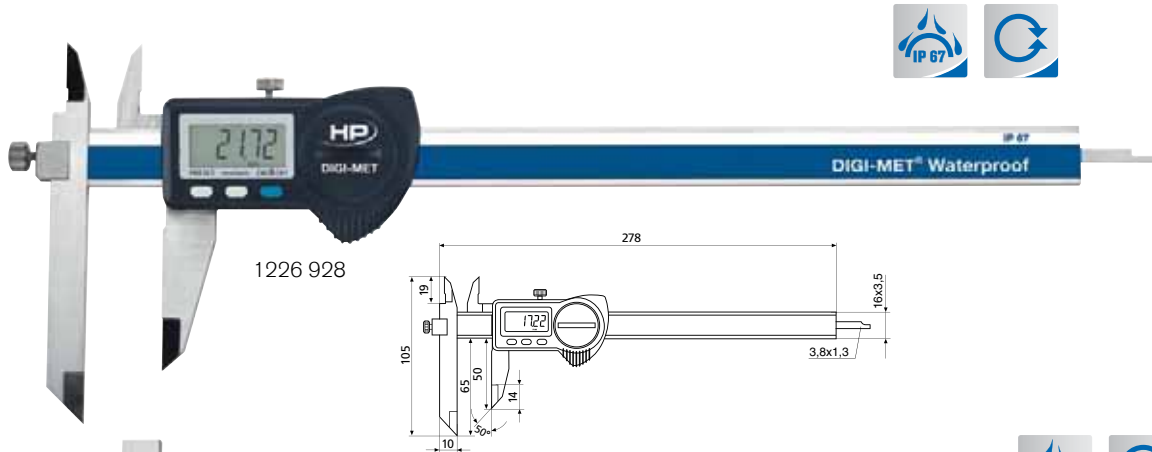
Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40



DIGI-MET® Pocket caliper 1226 for specific measuring tasks



Specification

- Protection class IP 67
- 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
- Locking screw
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

		Measuring range		Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
Offset type pocket caliper with adjustable measuring jaws + inside cross points									
▪		0 - 200	0 - 8	65 / 50	2.55 / 1.96	0.01	.0005	1226 928	415.00
Offset centreline pocket caliper with adjustable measuring jaws ideal for bore hole distance measurement									
▪		10 - 210	.4 - 8.3	75 / 30	2.95 / 1.18	0.01	.0005	1226 924	385.00

Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40

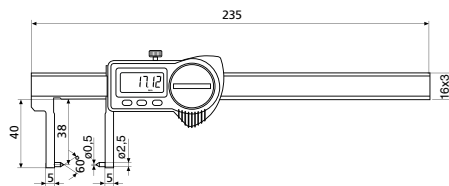


DIGI-MET® Pocket caliper 1226 for specific measuring tasks

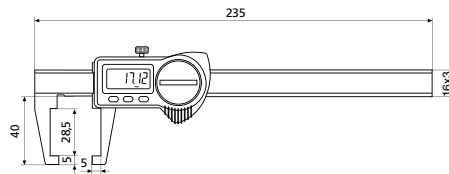
HP



1226 904



1226 908



Specification

- Protection class IP 67
- 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
- Locking screw
- Packaging: Wooden case

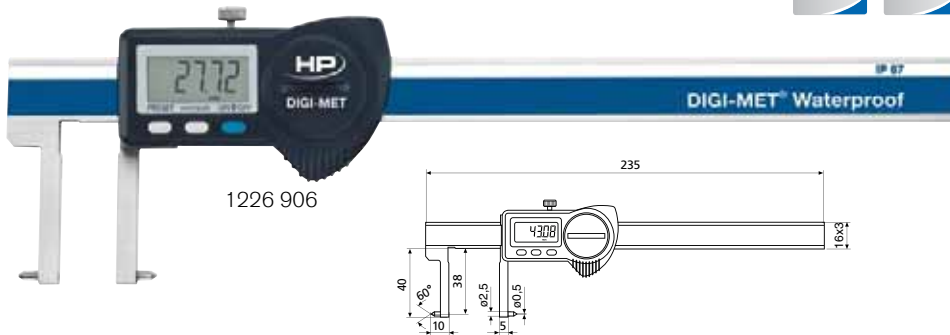
Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

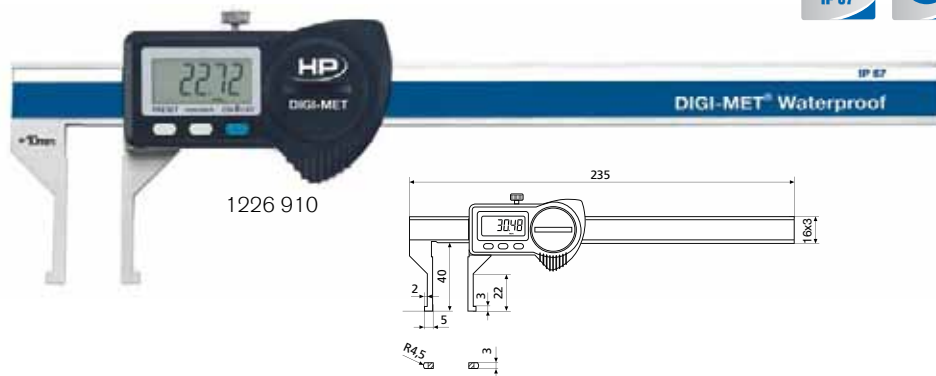
		Measuring range		Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
Outwardly angled anvils									
▪		150	6	40	1.57	0.01	.0005	1226 904	499.00
Outwardly angled measuring jaws									
▪		150	6	40	1.57	0.01	.0005	1226 908	425.00
Accessories								Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032								0220 704	3.40



DIGI-MET® Pocket caliper 1226 for specific measuring tasks



1226 906



1226 910

Specification

- Protection class IP 67
- 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
- Locking screw
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- PRESET Function (setting a numerical value)

	Measuring range	mm		inch		Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch				
Inwardly angled anvils											
▪	20 - 170	.8 - 6.7	40	1.57	0.01	.0005	1226 906	495.00			
Inwardly angled measuring jaws											
▪	10 - 160	.4 - 6.3	40	1.57	0.01	.0005	1226 910	489.00			

Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40



Workshop caliper 0230 / 0231

HP

DIN
862



Specification

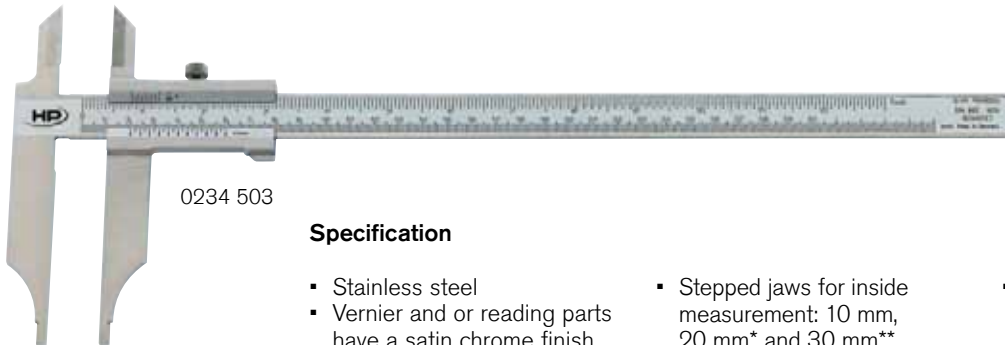
- **Parallax-free reading**
- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Knife points
- Stepped jaws for inside measurement: 10 mm, for measuring range 500 mm: 20 mm
- Direct reading of internal and external measurements
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	mm		
Without fine adjustment										
▪	▪		200	8	80	3.0	0.05	0.05	0230 501	118.00
▪	▪		250	10	80	3.0	0.05	0.05	0230 502	138.00
▪	▪		300	12	90	3.5	0.05	0.05	0230 503	153.00
▪			500	20	150	6.0	0.05	0.05	0230 508	445.00
With fine adjustment										
▪	▪		200	8	80	3.0	0.05	0.05	0231 501	141.00
▪	▪		250	10	80	3.0	0.05	0.05	0231 502	160.00
▪	▪		300	12	90	3.5	0.05	0.05	0231 503	174.00
▪			500	20	150	6.0	0.05	0.05	0231 508	485.00





Workshop caliper 0234



0234 503

Specification

- Stainless steel
- Vernier and or reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Stepped jaws for inside measurement: 10 mm, 20 mm* and 30 mm**
- Knife points
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box for calipers up to a meas. range 1000 mm, larger measuring ranges are individually packed

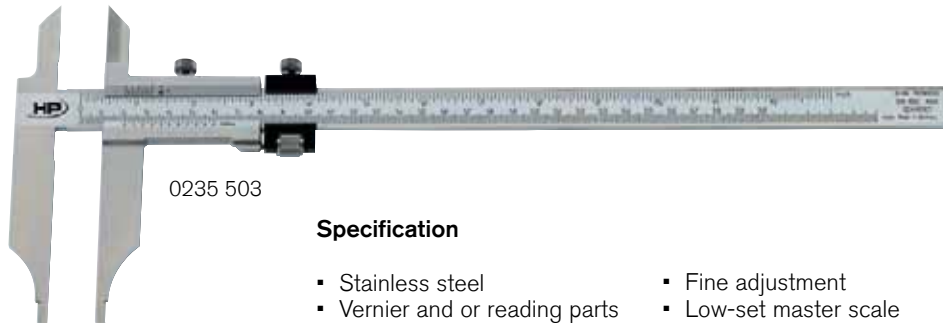
			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated										
▪	▪		200	8	80	3.0	0.05	1/128	0234 201	95.00
▪	▪		250	10	80	3.0	0.05	1/128	0234 202	116.00
▪	▪		300	12	90	3.5	0.05	1/128	0234 203	124.00
▪	▪		400	16	125	5.0	0.05		0234 205*	291.00
▪	▪		500	20	150	6.0	0.05		0234 208*	365.00
▪	▪		600	24	150	6.0	0.05		0234 211*	426.00
▪	▪		800	31	150	6.0	0.05		0234 214*	485.00
▪	▪		1000	39	150	6.0	0.05		0234 218*	589.00
▪		▪	1250	49	200	8.0	0.05		0234 222**	943.00
▪		▪	1500	59	200	8.0	0.05		0234 224**	1,220.00
▪		▪	2000	79	200	8.0	0.05		0234 226**	1,781.00
Vernier + scale satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0234 501	106.00
▪	▪		250	10	80	3.0	0.05	1/128	0234 502	130.00
▪	▪		300	12	90	3.5	0.05	1/128	0234 503	142.00
▪	▪		400	16	125	5.0	0.05		0234 505*	330.00
▪	▪		500	20	150	6.0	0.05		0234 508*	425.00
▪	▪		600	24	150	6.0	0.05		0234 511*	483.00
▪	▪		800	31	150	6.0	0.05		0234 514*	548.00
▪	▪		1000	39	150	6.0	0.05		0234 518*	657.00
▪		▪	1250	49	200	8.0	0.05		0234 522**	1,074.00
▪		▪	1500	59	200	8.0	0.05		0234 524**	1,382.00
▪		▪	2000	79	200	8.0	0.05		0234 526**	2,024.00



Workshop caliper 0235

HP

DIN
862



0235 503

Specification

- Stainless steel
- Vernier and/or reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Knife points
- Fine adjustment
- Low-set master scale
- Stepped jaws for inside measurement: 10 mm, 20 mm* and 30 mm**
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box for calipers up to a meas. range 1000 mm, larger measuring ranges are individually packed

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0235 201	119.00
▪	▪		250	10	80	3.0	0.05	1/128	0235 202	138.00
▪	▪		300	12	90	3.5	0.05	1/128	0235 203	146.00
▪	▪		400	16	125	5.0	0.05		0235 205*	337.00
▪	▪		500	20	150	6.0	0.05		0235 208*	411.00
▪	▪		600	24	150	6.0	0.05		0235 211*	471.00
▪	▪		800	31	150	6.0	0.05		0235 214*	540.00
▪	▪		1000	39	150	6.0	0.05		0235 218*	628.00
▪		▪	1250	49	200	8.0	0.05		0235 222**	1,032.00
▪		▪	1500	59	200	8.0	0.05		0235 224**	1,304.00
▪		▪	2000	79	200	8.0	0.05		0235 226**	1,926.00
Vernier + scale satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0235 501	128.00
▪	▪		250	10	80	3.0	0.05	1/128	0235 502	153.00
▪	▪		300	12	90	3.5	0.05	1/128	0235 503	164.00
▪	▪		400	16	125	5.0	0.05		0235 505*	375.00
▪	▪		500	20	150	6.0	0.05		0235 508*	460.00
▪	▪		600	24	150	6.0	0.05		0235 511*	523.00
▪	▪		800	31	150	6.0	0.05		0235 514*	603.00
▪	▪		1000	39	150	6.0	0.05		0235 518*	713.00
▪		▪	1250	49	200	8.0	0.05		0235 522**	1,152.00
▪		▪	1500	59	200	8.0	0.05		0235 524**	1,465.00
▪		▪	2000	79	200	8.0	0.05		0235 526**	2,160.00



Workshop caliper 0236



DIN
862



0236 503

Specification

- Stainless steel
- Vernier and or reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Low-set master scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm (0236 230)
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box for calipers up to a meas. range 1000 mm, larger measuring ranges are individually packed

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0236 201	82.00
▪	▪		250	10	80	3.0	0.05	1/128	0236 202	100.00
▪	▪		300	12	90	3.5	0.05	1/128	0236 203	112.00
▪	▪		400	16	125	5.0	0.05		0236 205*	230.00
▪	▪		500	20	150	6.0	0.05		0236 208*	304.00
▪	▪		600	24	150	6.0	0.05		0236 211*	364.00
▪	▪		800	31	150	6.0	0.05		0236 214*	388.00
▪	▪		1000	39	150	6.0	0.05		0236 218*	485.00
▪		▪	1250	49	200	8.0	0.05		0236 222**	753.00
▪		▪	1500	59	200	8.0	0.05		0236 224**	1,026.00
▪		▪	2000	79	200	8.0	0.05		0236 226**	1,414.00
▪		▪	3000***	118	200	8.0	0.05		0236 230	2,339.00
Vernier + scale satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0236 501	93.00
▪	▪		250	10	80	3.0	0.05	1/128	0236 502	117.00
▪	▪		300	12	90	3.5	0.05	1/128	0236 503	127.00
▪	▪		400	16	125	5.0	0.05		0236 505*	270.00
▪	▪		500	20	150	6.0	0.05		0236 508*	354.00
▪	▪		600	24	150	6.0	0.05		0236 511*	423.00
▪	▪		800	31	150	6.0	0.05		0236 514*	440.00
▪	▪		1000	39	150	6.0	0.05		0236 518*	549.00
▪		▪	1250	49	200	8.0	0.05		0236 522**	901.00
▪		▪	1500	59	200	8.0	0.05		0236 524**	1,209.00
▪		▪	2000	79	200	8.0	0.05		0236 526**	1,824.00

*** = Factory standard



Workshop caliper with extra long measuring jaws 0236



0236 204

Specification

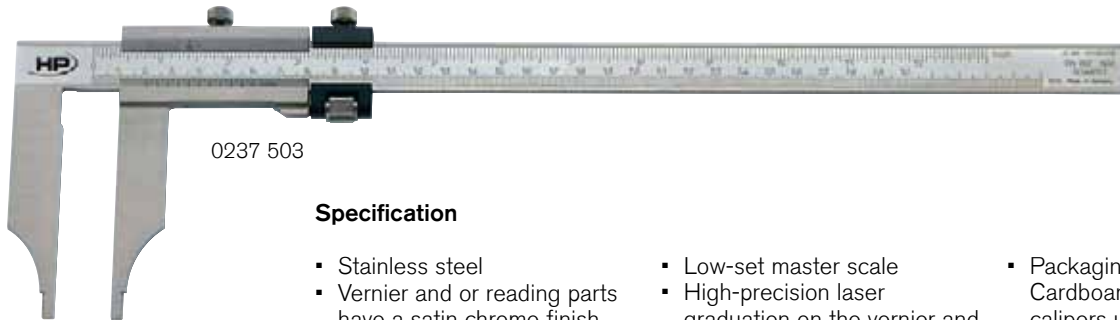
- Stainless steel
- Vernier and/or reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Without knife points
- Without fine adjustment
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm (0236 231)
- Packaging: Cardboard box for calipers up to a measuring range 1000 mm, larger measuring ranges are individually packed

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated:										
			300	12	150	6.0	0.05	1/128	0236 204	208.00
			400	16	150	5.0	0.05		0236 206*	297.00
			400	16	200	8.0	0.05		0236 207*	362.00
			500	20	200	8.0	0.05		0236 209*	403.00
			500	20	250	10.0	0.05		0236 210*	485.00
			600	24	200	8.0	0.05		0236 212*	506.00
			600	24	300	12.0	0.05		0236 213*	621.00
			800	31	200	8.0	0.05		0236 215*	586.00
			800	31	300	12.0	0.05		0236 216*	749.00
			800	31	400	16.0	0.05		0236 217*	869.00
			1000	39	200	8.0	0.05		0236 219*	719.00
			1000	39	300	12.0	0.05		0236 220*	802.00
			1000	39	500	20.0	0.05		0236 221*	1,209.00
		▪	1500	59	300	12.0	0.05		0236 225**	1,241.00
		▪	2000	79	300	12.0	0.05		0236 227**	1,725.00
		▪	3000	118	300	12.0	0.05		0236 231	2,853.00
Vernier + scale satin chrome plated:										
			300	12	150	6.0	0.05	1/128	0236 504	225.00
			400	16	150	6.0	0.05		0236 506*	346.00
			400	16	200	8.0	0.05		0236 507*	420.00
			500	20	200	8.0	0.05		0236 509*	467.00
			500	20	250	10.0	0.05		0236 510*	557.00
			600	24	200	8.0	0.05		0236 512*	527.00
			600	24	300	12.0	0.05		0236 513*	687.00
			800	31	200	8.0	0.05		0236 515*	680.00
			800	31	300	12.0	0.05		0236 516*	866.00
			800	31	400	16.0	0.05		0236 517*	1,017.00
			1000	39	200	8.0	0.05		0236 519*	833.00
			1000	39	300	12.0	0.05		0236 520*	1,052.00
			1000	39	500	20.0	0.05		0236 521*	1,437.00
		▪	1500	59	300	12.0	0.05		0236 525**	1,476.00
		▪	2000	79	300	12.0	0.05		0236 527**	2,186.00





Workshop caliper 0237



0237 503

**DIN
862**

Specification

- Stainless steel
- Vernier and/or reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Fine adjustment
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm (0237 230)
- Packaging: Cardboard box for calipers up to a measuring range 1000 mm, larger measuring ranges are individually packed

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0237 201	105.00
▪	▪		250	10	80	3.0	0.05	1/128	0237 202	124.00
▪	▪		300	12	90	3.5	0.05	1/128	0237 203	136.00
▪	▪		400	16	125	5.0	0.05		0237 205*	276.00
▪	▪		500	20	150	6.0	0.05		0237 208*	351.00
▪	▪		600	24	150	6.0	0.05		0237 211*	411.00
▪	▪		800	31	150	6.0	0.05		0237 214*	443.00
▪	▪		1000	39	150	6.0	0.05		0237 218*	540.00
▪		▪	1250	49	200	8.0	0.05		0237 222**	837.00
▪		▪	1500	59	200	8.0	0.05		0237 224**	1,112.00
▪		▪	2000	79	200	8.0	0.05		0237 226**	1,554.00
▪		▪	3000***	118	200	8.0	0.05		0237 230	2,542.00
Vernier + scale satin chrome plated:										
▪	▪		200	8	80	3.0	0.05	1/128	0237 501	115.00
▪	▪		250	10	80	3.0	0.05	1/128	0237 502	140.00
▪	▪		300	12	90	3.5	0.05	1/128	0237 503	151.00
▪	▪		400	16	125	5.0	0.05		0237 505*	315.00
▪	▪		500	20	150	6.0	0.05		0237 508*	399.00
▪	▪		600	24	150	6.0	0.05		0237 511*	467.00
▪	▪		800	31	150	6.0	0.05		0237 514*	494.00
▪	▪		1000	39	150	6.0	0.05		0237 518*	604.00
▪		▪	1250	49	200	8.0	0.05		0237 522**	984.00
▪		▪	1500	59	200	8.0	0.05		0237 524**	1,294.00
▪		▪	2000	79	200	8.0	0.05		0237 526**	1,961.00

*** = Factory standard



Workshop caliper with extra long measuring jaws 0237

HP



0237 504

Specification

- Stainless steel
- Vernier and or reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Fine adjustment
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Stepped jaws for inside measurement: 10 mm, 20 mm*, 30 mm** and 50 mm (0237 231)
- Packaging: Cardboard box for calipers up to a meas. range 1000 mm, larger measuring ranges are individually packed

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Vernier satin chrome plated										
			300	12	150	6.0	0.05	1/128	0237 204	231.00
			400	16	150	6.0	0.05		0237 206*	343.00
			400	16	200	8.0	0.05		0237 207*	409.00
			500	20	200	8.0	0.05		0237 209*	450.00
			500	20	250	10.0	0.05		0237 210*	531.00
			600	24	200	8.0	0.05		0237 212*	550.00
			600	24	300	12.0	0.05		0237 213*	668.00
			800	31	200	8.0	0.05		0237 215*	642.00
			800	31	300	12.0	0.05		0237 216*	804.00
			800	31	400	16.0	0.05		0237 217*	926.00
			1000	39	200	8.0	0.05		0237 219*	776.00
			1000	39	300	12.0	0.05		0237 220*	859.00
			1000	39	500	20.0	0.05		0237 221*	1,265.00
		▪	1500	59	300	12.0	0.05		0237 225**	1,326.00
		▪	2000	79	300	12.0	0.05		0237 227**	1,864.00
		▪	3000	118	300	12.0	0.05		0237 231	3,055.00
Vernier + scale satin chrome plated										
			300	12	150	6.0	0.05	1/128	0237 504	247.00
			400	16	150	6.0	0.05		0237 506*	390.00
			400	16	200	8.0	0.05		0237 507*	465.00
			500	20	200	8.0	0.05		0237 509*	511.00
			500	20	250	10.0	0.05		0237 510*	602.00
			600	24	200	8.0	0.05		0237 512*	615.00
			600	24	300	12.0	0.05		0237 513*	733.00
			800	31	200	8.0	0.05		0237 515*	735.00
			800	31	300	12.0	0.05		0237 516*	920.00
			800	31	400	16.0	0.05		0237 517*	1,073.00
			1000	39	200	8.0	0.05		0237 519*	886.00
			1000	39	300	12.0	0.05		0237 520*	1,106.00
			1000	39	500	20.0	0.05		0237 521*	1,493.00
		▪	1500	59	300	12.0	0.05		0237 525**	1,562.00
		▪	2000	79	300	12.0	0.05		0237 527**	2,323.00





Lightweight workshop caliper 0238



0238 508

Specification

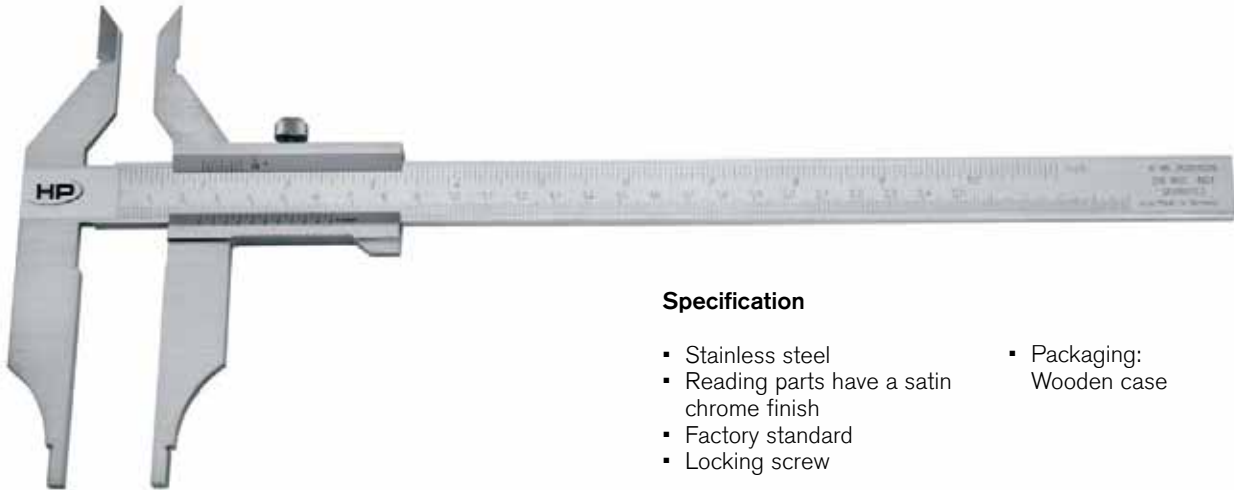
- To reduce weight, both the slide and beam are made of aluminium, with a hard anodized surface coating (1100 HV)
- Measuring faces are made of hardened stainless steel
- Factory standard
- Parallax-free reading
- Smoother, more even movement due to the double V-guide
- Locking screw
- Knife points
- Stepped jaws for inside measurement 20 mm
- Packaging: Wooden case for calipers up to 1000 mm, larger measuring ranges caliper is in a cardboard box

	🏠	🔒	🌧️	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
				mm	inch	mm	inch	mm	mm		
▪				300	12	90	3.5	0.02	0.02	0238 503	299.00
▪				500	20	150	6.0	0.02	0.02	0238 508	472.00
▪				800	32	150	6.0	0.02	0.02	0238 514	631.00
▪				1000	39	150	6.0	0.02	0.02	0238 518	739.00
		▪		1500	59	200	8.0	0.05	0.05	0238 524	1,918.00
		▪		2000	79	200	8.0	0.05	0.05	0238 526	2,233.00



Caliper with cross points 0265

HP



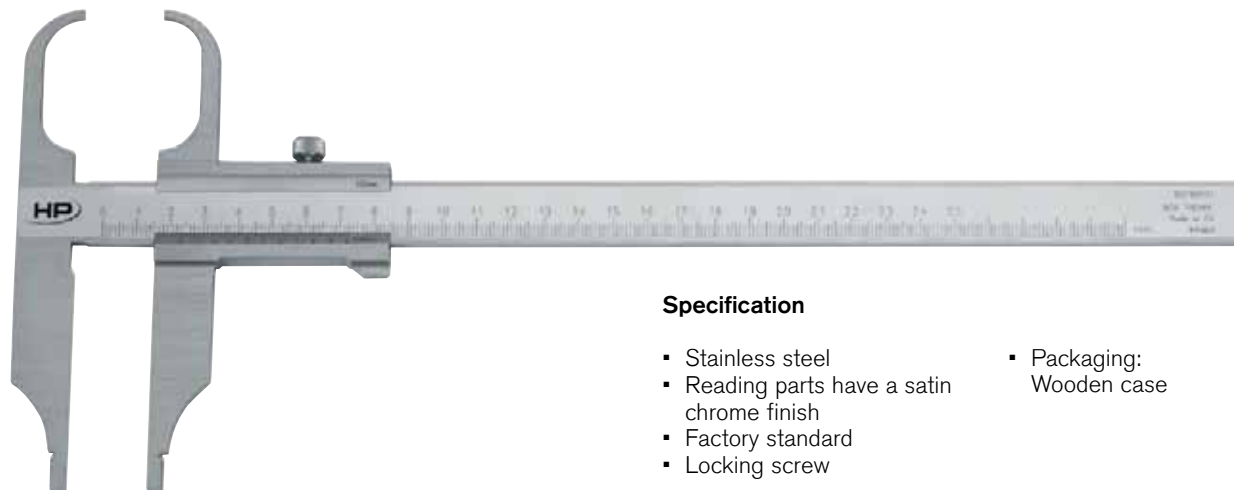
Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Packaging: Wooden case

Home	F.O.C.	Satin	Measuring range		Length of cross points		Reading		Cross section	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			250	10	75	3.15	0.02	0.001	20 x 5	0265 52005	235.00

Caliper with gripper points 0266

HP



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Packaging: Wooden case

Home	F.O.C.	Satin	Measuring range		Length of gripper points		Reading		Cross section	Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch			
▪			250	10	75	3.15	0.02	0.001	20 x 5	0266 52005	315.00

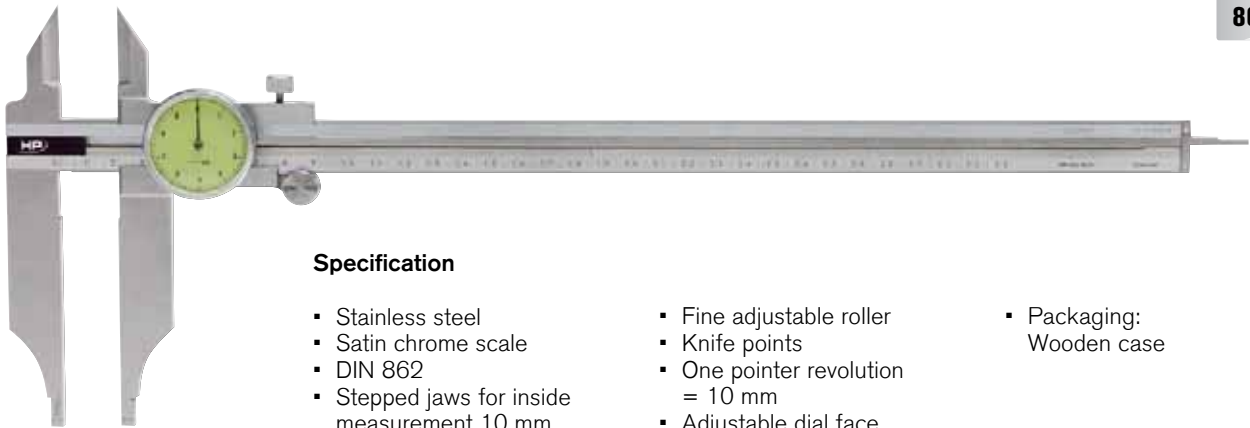




Workshop dial caliper 0219



DIN
862



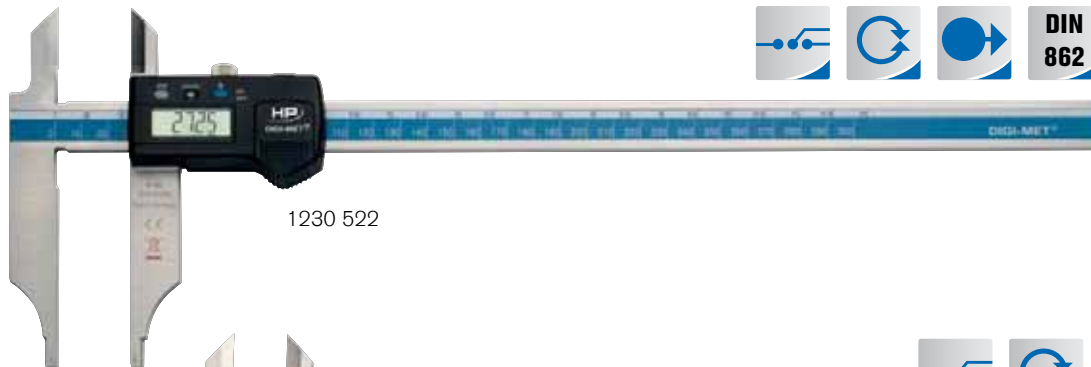
Specification

- Stainless steel
- Satin chrome scale
- DIN 862
- Stepped jaws for inside measurement 10 mm
- Locking screw
- Fine adjustable roller
- Knife points
- One pointer revolution = 10 mm
- Adjustable dial face
- Packaging: Wooden case

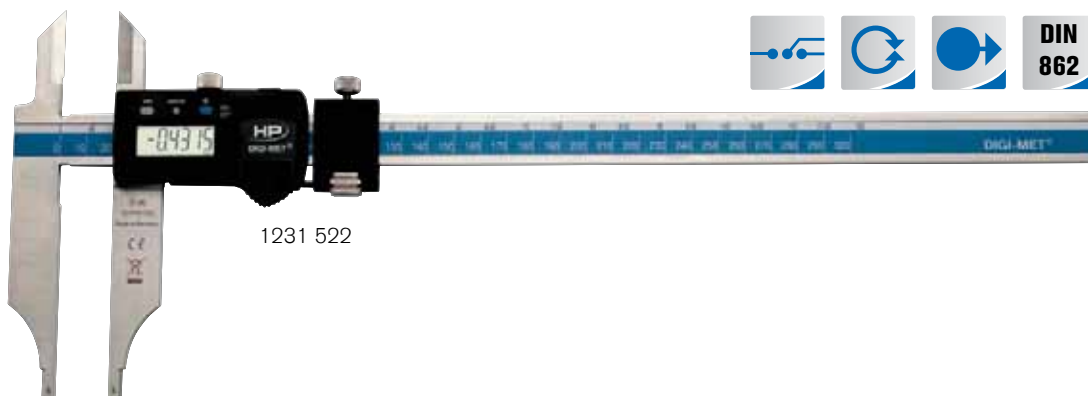
Home	QuickLock	QuickStart	Measuring range		Jaw length		Reading	Depth gauge	Ref. No.	List price
			mm	inch	mm	inch				
▪			300	12	90	3.5	0.05	rectangular	0219 503	261.00



DIGI-MET® Workshop caliper 1230 / 1231



1230 522



1231 522



Specification

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- DIN 862
- Knife points
- LCD display: 8.5 mm for measuring range 300 mm, 12.5 mm from measuring range 500 mm
- Locking screw
- Stepped jaws for inside measurement: 10 mm for measuring range 300 mm, 20 mm for measuring range 500 mm up to 1000 mm
- Packaging: Wooden case

Electronic functions

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

Home	Back	Menu	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Without fine adjustment										
▪	▪		300	12	90	3.5	0.01	.0005	1230 522	349.00
▪	▪		500	20	125	5.0	0.01	.0005	1230 528	529.00
▪	▪		800	31	150	6.0	0.01	.0005	1230 532	864.00
▪	▪		1000	39	150	6.0	0.01	.0005	1230 534	1,047.00
With fine adjustment										
▪	▪		300	12	90	3.5	0.01	.0005	1231 522	402.00
▪	▪		500	20	125	5.0	0.01	.0005	1231 528	593.00
▪	▪		800	31	150	6.0	0.01	.0005	1231 532	915.00
▪	▪		1000	39	150	6.0	0.01	.0005	1231 534	1,052.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Workshop caliper 1234 / 1235

HP



1234 522



1235 522

Specification

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- DIN 862
- LCD display: 8.5 mm for measuring range 300 mm, 12.5 mm from measuring range 500 mm
- Locking screw
- Stepped jaws for inside measurement: 10 mm for measuring range 300 mm, 20 mm for measuring range 500 mm up to 1000 mm
- Packaging: Wooden case

Electronic functions

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

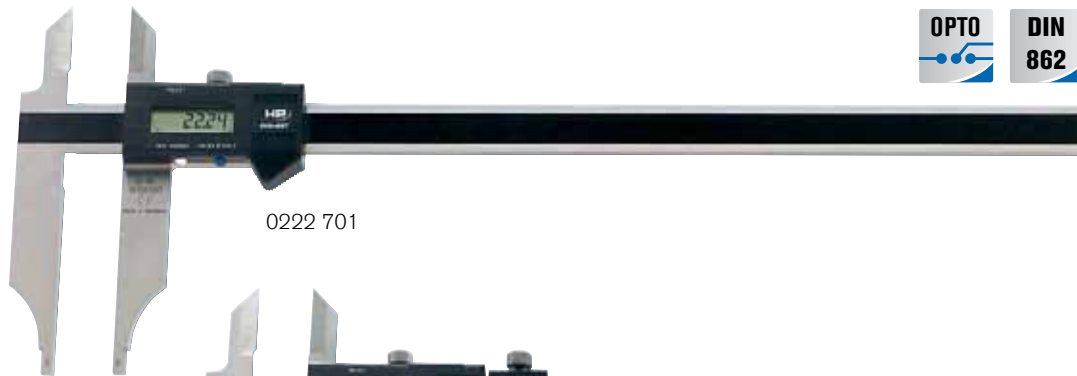
Icon 1	Icon 2	Icon 3	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Without fine adjustment										
▪	▪		300	12	90	3.5	0.01	.0005	1234 522	321.00
▪	▪		500	20	125	5.0	0.01	.0005	1234 528	451.00
▪	▪		800	31	150	6.0	0.01	.0005	1234 532	789.00
▪	▪		1000	39	150	6.0	0.01	.0005	1234 534	933.00
With fine adjustment										
▪	▪		300	12	90	3.5	0.01	.0005	1235 522	368.00
▪	▪		500	20	125	5.0	0.01	.0005	1235 528	519.00
▪	▪		800	31	150	6.0	0.01	.0005	1235 532	849.00
▪	▪		1000	39	150	6.0	0.01	.0005	1235 534	975.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Workshop caliper 0222 / 0223



0222 701



0223 701

Specification

- Stainless steel
- LCD display 6 mm
- Locking screw
- Knife points
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Without fine adjustment										
Stepped jaws for inside measurement 10 mm, DIN 862:										
▪	▪		300	12	90	3.5	0.01	.0005	0222 701	341.00
Stepped jaws for inside measurement 20 mm, DIN 862:										
▪	▪		500	20	125	5.0	0.01	.0005	0222 702	502.00
▪	▪		800	31	150	6.0	0.01	.0005	0222 703	822.00
▪	▪		1000	39	150	6.0	0.01	.0005	0222 704	942.00
Stepped jaws for inside measurement 30 mm, Factory standard:										
		▪	1500	59	200	8.0	0.01	.0005	0222 724	2,335.00
		▪	2000	79	200	8.0	0.01	.0005	0222 726	2,801.00
With fine adjustment										
Stepped jaws for inside measurement 10 mm, DIN 862:										
▪	▪		300	12	90	3.5	0.01	.0005	0223 701	380.00
Stepped jaws for inside measurement 20 mm, DIN 862:										
▪	▪		500	20	125	5.0	0.01	.0005	0223 702	564.00
▪	▪		800	31	150	6.0	0.01	.0005	0223 703	871.00
▪	▪		1000	39	150	6.0	0.01	.0005	0223 704	1,003.00
Stepped jaws for inside measurement 30 mm, Factory standard:										
		▪	1500	59	200	8.0	0.01	.0005	0223 724	2,491.00
		▪	2000	79	200	8.0	0.01	.0005	0223 726	2,887.00

Accessories

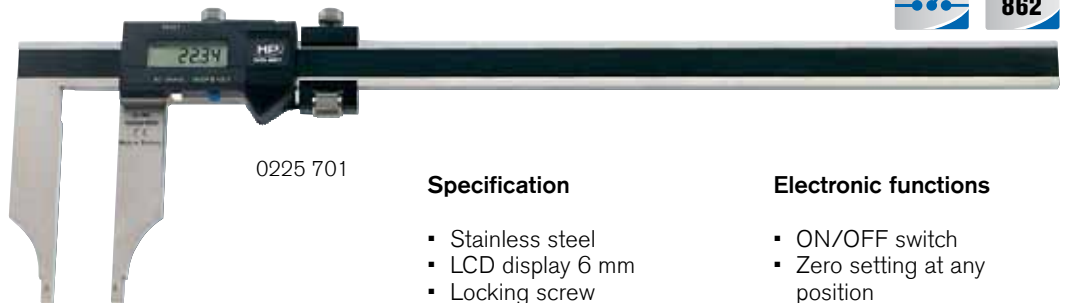
	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



DIGI-MET® Workshop caliper 0224 / 0225



0224 701



0225 701

Specification

- Stainless steel
- LCD display 6 mm
- Locking screw
- Without knife points
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Without fine adjustment										
Stepped jaws for inside measurement 10 mm, DIN 862:										
▪	▪		300	12	90	3.5	0.01	.0005	0224 701	310.00
Stepped jaws for inside measurement 20 mm, DIN 862:										
▪	▪		500	20	125	5.0	0.01	.0005	0224 702	428.00
▪	▪		800	31	150	6.0	0.01	.0005	0224 703	749.00
▪	▪		1000	39	150	6.0	0.01	.0005	0224 704	862.00
Stepped jaws for inside measurement 30 mm, Factory standard:										
	▪		1500	59	200	8.0	0.01	.0005	0224 724	2,111.00
	▪		2000	79	200	8.0	0.01	.0005	0224 726	2,559.00
With fine adjustment										
Stepped jaws for inside measurement 10 mm, DIN 862:										
▪	▪		300	12	90	3.5	0.01	.0005	0225 701	347.00
Stepped jaws for inside measurement 20 mm, DIN 862:										
▪	▪		500	20	125	5.0	0.01	.0005	0225 702	493.00
▪	▪		800	31	150	6.0	0.01	.0005	0225 703	807.00
▪	▪		1000	39	150	6.0	0.01	.0005	0225 704	929.00
Stepped jaws for inside measurement 30 mm, Factory standard:										
	▪		1500	59	200	8.0	0.01	.0005	0225 724	2,226.00
	▪		2000	79	200	8.0	0.01	.0005	0225 726	2,642.00

Accessories

	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



DIGI-MET® Workshop caliper 0221

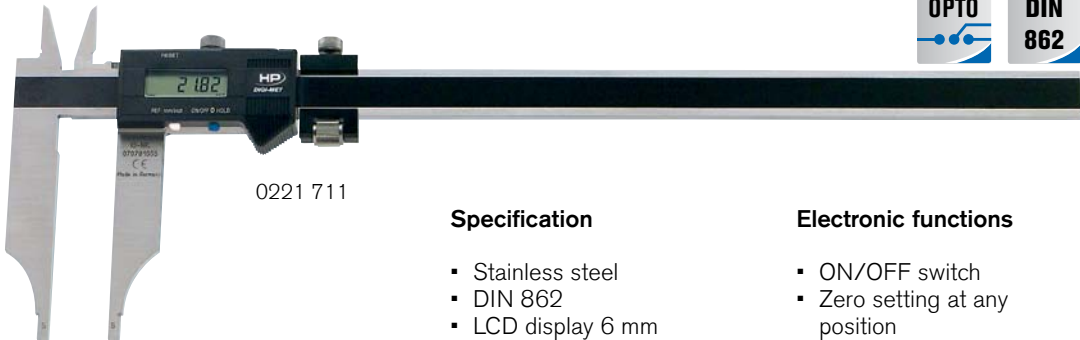
HP

OPTO
DIN
862



0221 701

OPTO
DIN
862



0221 711

Specification

- Stainless steel
- DIN 862
- LCD display 6 mm
- Locking screw
- Inside cross points
- Three way measurement
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

		Measuring range		Jaw length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
Without fine adjustment									
Stepped jaws for inside measurement 10 mm:									
▪		300	12	90	3.5	0.01	.0005	0221 701	483.00
Stepped jaws for inside measurement 20 mm:									
▪		500	20	125	5.0	0.01	.0005	0221 702	624.00
With fine adjustment									
Stepped jaws for inside measurement 10 mm:									
▪		300	12	90	3.5	0.01	.0005	0221 711	516.00
Stepped jaws for inside measurement 20 mm:									
▪		500	20	125	5.0	0.01	.0005	0221 712	684.00

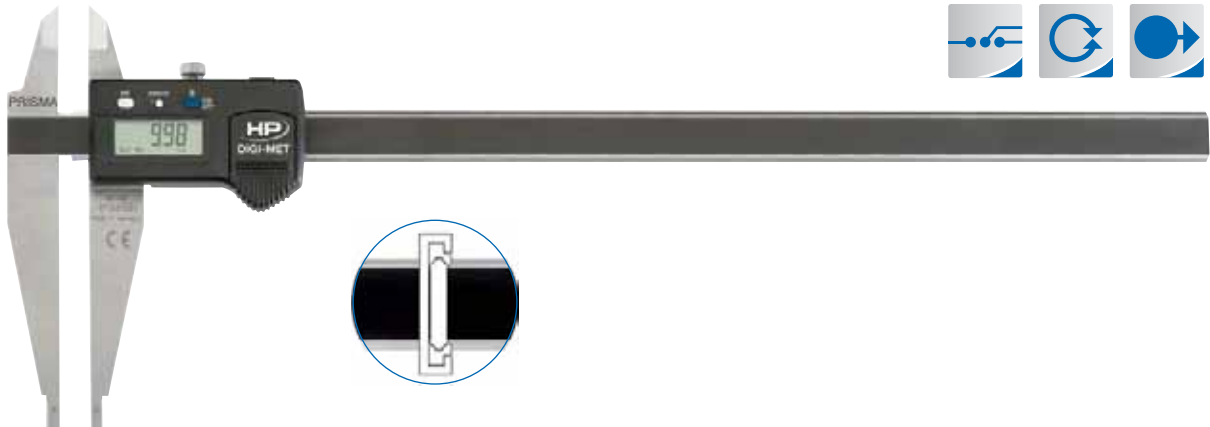
Accessories

	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50





DIGI-MET® PRISMA Workshop caliper 1238



Specification

- With the double prisma guide, movement of the slide is almost free of play
- Stainless steel
- Accuracy in accordance to DIN 862
- LCD display 7.5 mm
- Locking screw
- Knife points
- Stepped jaws for inside measurement 10 mm
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS232 + Digimatic + USB
- PRESET Function (setting a numerical value)

Home	Back	List	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		300	12	90	3.5	0.01	.0005	1238 522	414.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Workshop caliper Leichtbauweise 0228



0228 702

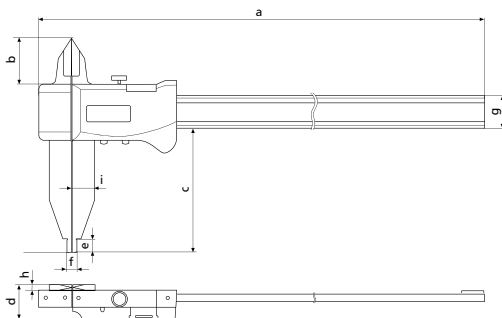
Specification

- To reduce weight, both the slide and beam are made of aluminium, with a hard anodized surface coating (1100 HV)
- Measuring faces are made of hardened stainless steel
- Factory standard
- Smoother, more even movement due to the double V-guide
- LCD display 10.5 mm
- Locking screw
- Knife points
- Packaging: Wooden case

Electronic functions

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

	Home	F.O.C.	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			300	12	90	3.5	0.01	.0005	0228 701	429.00
▪			500	20	150	6.0	0.01	.0005	0228 702	597.00
▪			800	31	150	6.0	0.01	.0005	0228 703	840.00
▪			1000	39	150	6.0	0.01	.0005	0228 704	991.00



Dimensions	a	b	c	d	e	f	g	h	i
300	450	33	90	24.5	10	10	25.0	4.5	17.0
500	726	42	150	33.5	15	20	31.9	6.0	29.0
800	1026	42	150	33.5	15	20	31.9	6.0	29.0
1000	1226	42	150	33.5	15	20	31.9	6.0	29.0





DIGI-MET® Caliper with cross points 0265



Specification

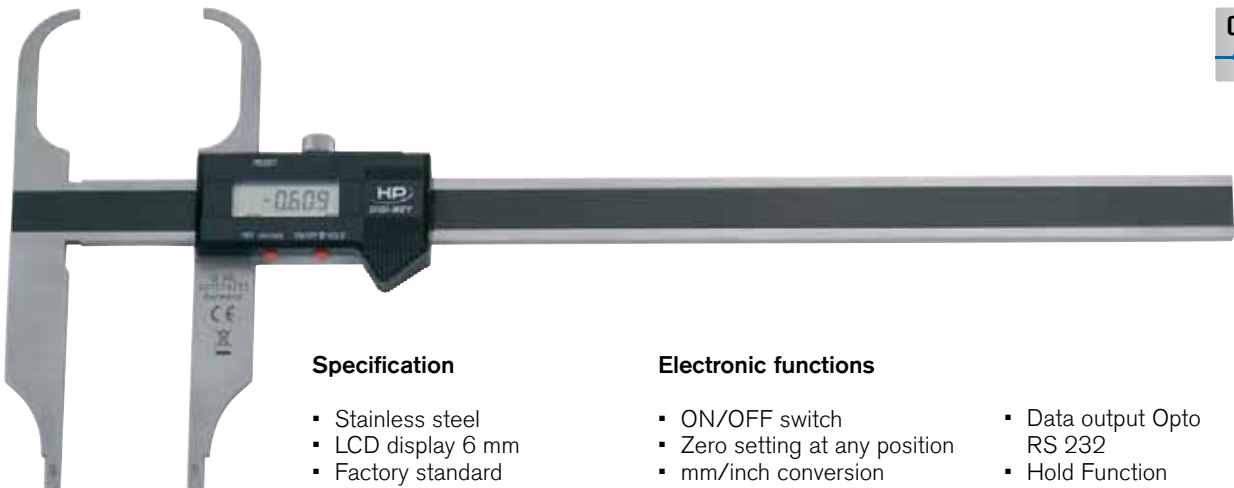
- Stainless steel
- LCD display 6 mm
- Factory standard
- Locking screw
- Inside cross points
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

Home	QuickLock	QuickStart	Measuring range		Length of cross points		Reading		Cross section	Ref. No.	List price
			mm	inch	mm	inch	mm	inch			
▪			250	10	75	3.15	0.01	0.005	20 x 5	0265 720	435.00

DIGI-MET® Caliper with gripper points 0266



Specification

- Stainless steel
- LCD display 6 mm
- Factory standard
- Locking screw
- Gripper points
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

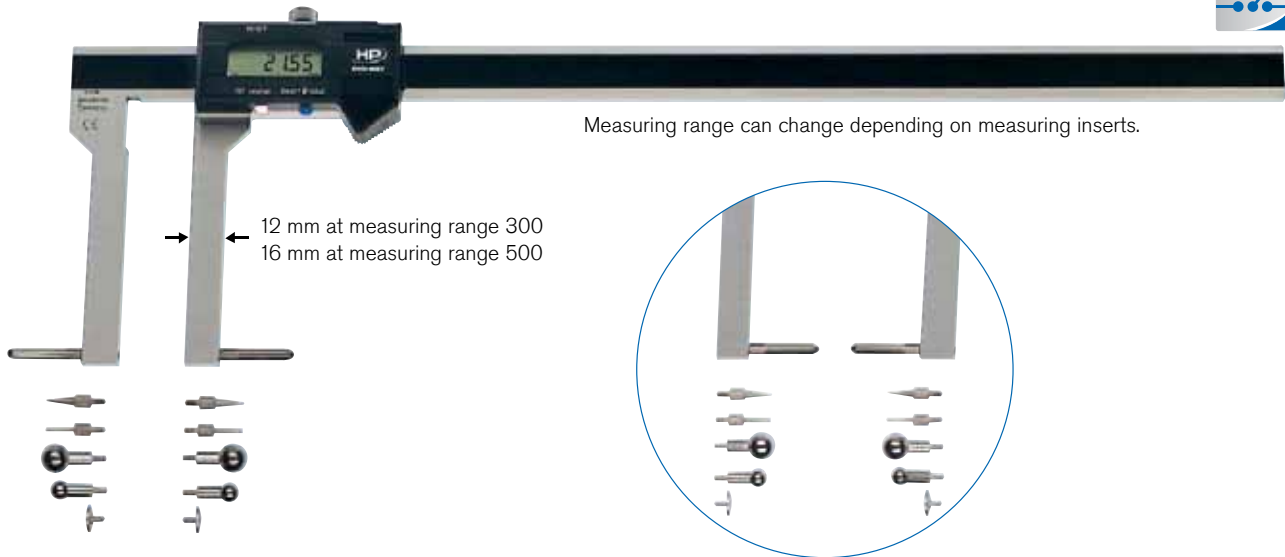
Home	QuickLock	QuickStart	Measuring range		Length of gripper points		Reading		Cross section	Ref. No.	List price
			mm	inch	mm	inch	mm	inch			
▪			250	10	75	3.15	0.01	0.005	20 x 5	0266 720	515.00



DIGI-MET® Universal caliper 0226

HP

OPTO



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

Specification

- Stainless steel
- Factory standard
- LCD display 6 mm
- Locking screw
- Suitable for all measuring inserts with a M 2.5 mm thread, see pages 3/15 to 3/17
- **Measuring inserts must be ordered separately**
- Packaging: Wooden case

Electronic functions

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

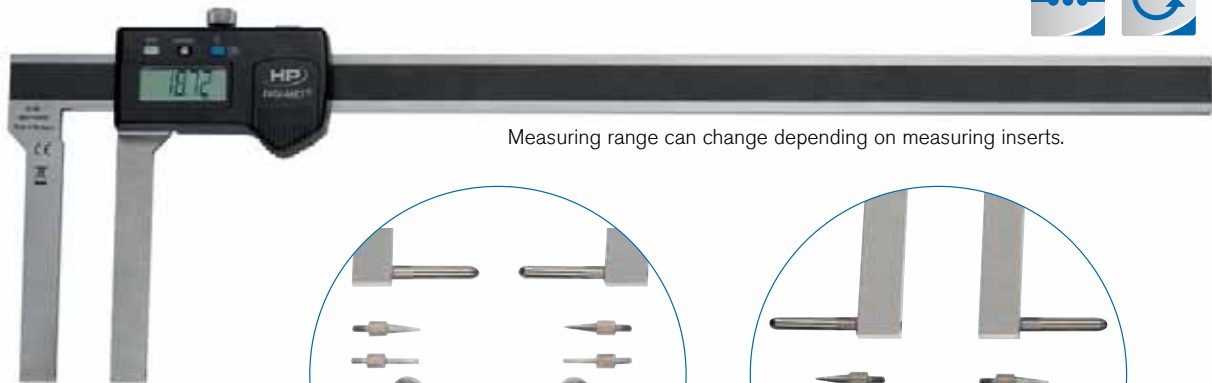
			Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			300	12	90	3.5	0.01	.0005	0226 701	496.00
▪			500	20	100	4.0	0.01	.0005	0226 702	642.00

Accessories

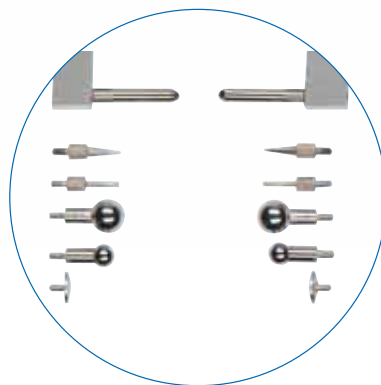
	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



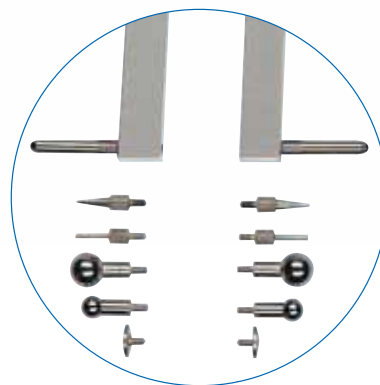
DIGI-MET® Universal caliper 1248



Measuring range can change depending on measuring inserts.



▪ for external measurements



▪ for internal measurements

Specification

- Stainless steel
- Factory standard
- LCD display 8.5 and/or 12.5 mm
- Locking screw
- Suitable for all measuring inserts with a M 2.5 mm thread, see pages 3/15 to 3/17
- **Measuring inserts must be ordered seperately**
- Packaging: Wooden case

Electronic functions

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

	🏠	🔒	📊	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
				mm	inch	mm	inch	mm	inch		
▪				300	12	90	3.5	0.01	.0005	1248 722	529.00
▪				500	20	100	4.0	0.01	.0005	1248 728	679.00

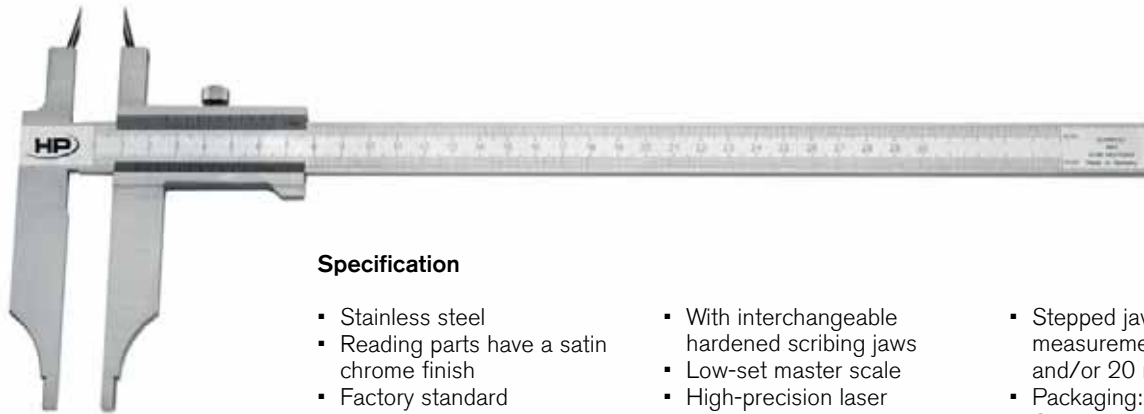
Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



Contraction vernier caliper 0250

HP



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- With interchangeable hardened scribing jaws
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Stepped jaws for inside measurement: 10 mm and/or 20 mm*
- Packaging: Cardboard box

			Measuring range mm	Jaw length mm	Reading		Ref. No.	List price Euro
					mm	mm		
Direct reading for internal and external measurement:								
▪			300	90	0.05	0.05	0250 501	222.00
▪			500	150	0.05	0.05	0250 502*	606.00
▪			600	150	0.05	0.05	0250 503*	719.00
▪			800	150	0.05	0.05	0250 504*	907.00
▪			1000	150	0.05	0.05	0250 505*	1,102.00
Contraction scale divisions 1.0% ▪ 1.5% ▪ 2.0% ▪ 1/1 mm:								
▪			300	90	0.1		0250 511	240.00
			500	150	0.1		0250 512*	636.00
			600	150	0.1		0250 513*	756.00
			800	150	0.1		0250 514*	972.00
			1000	150	0.1		0250 515*	1,181.00
Contraction scale divisions 0.5% ▪ 0.8% ▪ 1.0% ▪ 1/1 mm:								
▪			300	90	0.1		0250 521	240.00
			500	150	0.1		0250 522*	636.00
			600	150	0.1		0250 523*	756.00
			800	150	0.1		0250 524*	972.00
			1000	150	0.1		0250 525*	1,181.00
Contraction scale divisions 1.0% ▪ 1.25% ▪ 1.5% ▪ 1/1 mm:								
▪			300	90	0.1		0250 531	240.00
			500	150	0.1		0250 532*	636.00
			600	150	0.1		0250 533*	756.00
			800	150	0.1		0250 534*	972.00
			1000	150	0.1		0250 535*	1,181.00
Contraction scale divisions 1.75% ▪ 2.0% ▪ 2.5% ▪ 1/1 mm:								
▪			300	90	0.1		0250 541	240.00
			500	150	0.1		0250 542*	636.00
			600	150	0.1		0250 543*	756.00
			800	150	0.1		0250 544*	972.00
			1000	150	0.1		0250 545*	1,181.00
Contraction scale divisions 1.0% ▪ 1.25% ▪ 2.0% ▪ 1/1 mm:								
▪			300	90	0.1		0250 551	240.00
			500	150	0.1		0250 552*	636.00
			600	150	0.1		0250 553*	756.00
			800	150	0.1		0250 554*	972.00
			1000	150	0.1		0250 555*	1,181.00





Contraction vernier caliper 0250



			Measuring range mm	Jaw length mm	Reading		Ref. No.	List price Euro
					mm	mm		
Contraction scale divisions 0.3% ▪ 0.4% ▪ 0.6% ▪ 1/1 mm:								
▪			300	90	0.1		0250 561	240.00
			500	150	0.1		0250 562*	636.00
			600	150	0.1		0250 563*	756.00
			800	150	0.1		0250 564*	972.00
			1000	150	0.1		0250 565*	1,181.00
Contraction scale divisions 1.0% ▪ 1.25% ▪ 1.5% ▪ 2.0%:								
▪			300	90	0.1		0250 571	251.00
			500	150	0.1		0250 572*	701.00
			600	150	0.1		0250 573*	834.00
			800	150	0.1		0250 574*	1,050.00
			1000	150	0.1		0250 575*	1,275.00

Interchangeable points (pair) for contraction vernier caliper



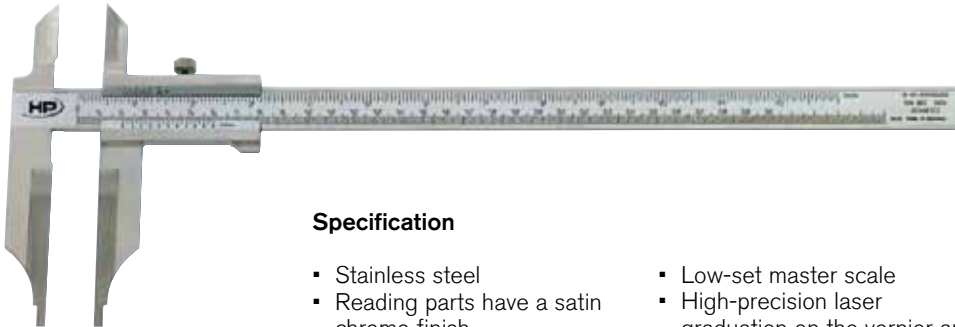
Specification

- dia. 3.0 mm and/or
- dia. 4.0 mm*

			for measuring ranges	Material	Ref. No.	List price Euro
▪			500 + 600 mm	Hardened steel	0250 102	6.10
▪			800 + 1000 mm	Hardened steel	0250 103*	6.10
▪			300 mm	Carbide	0250 201	51.00
▪			500 + 600 mm	Carbide	0250 202	74.00



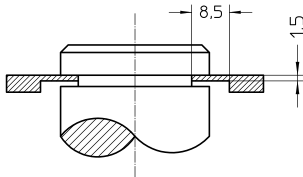
Caliper for external locking grooves 0262



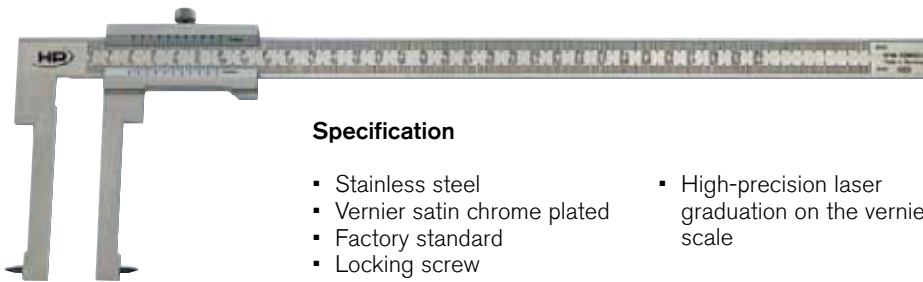
Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

□	⊗	⚡	Measuring range		Jaw length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			300	12	90	3.5	0.05	1/128	0262 503	236.00



Brake drum vernier caliper 0252



Specification

- Stainless steel
- Vernier satin chrome plated
- Factory standard
- Locking screw
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

□	⊗	⚡	Measuring range		Jaw length mm	Reading		Ref. No.	List price Euro
			Internal mm	External mm		mm	mm		
▪			40 - 300	0 - 300	90	0.05	0.05	0252 201	124.00
▪			50 - 500	0 - 500	150	0.05	0.05	0252 202	240.00
▪			50 - 600	0 - 600	200	0.05	0.05	0252 203	262.00

Replacement points for brake drum vernier caliper

□	⊗	⚡	For measuring range	Ref. No.	List price Euro
▪			300 mm	0252 291	2.10
▪			500 + 600 mm	0252 293	3.40



Brake disc inspection gauge 0253



Specification

- Special steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- With trailing vernier
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

			Measuring range mm	Jaw length mm	Reading mm	Ref. No.	List price Euro
For motorcycles:			0 - 50	30	0.1	0253 300	73.00
For cars:			0 - 50	50	0.1	0253 301	73.00
For buses:			0 - 80	50	0.1	0253 302	93.00

Replacement points for brake disc inspection gauge



			Ref. No.	List price Euro
▪			0253 391	3.40



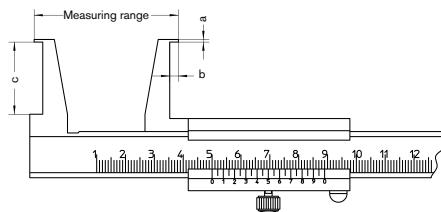
Caliper for internal grooves 0258



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

Home	Double Arrow	Scale	Measuring range mm	Jaw length mm	Reading mm	Ref. No.	List price Euro
▪			10 - 160	25	0.05	0258 501	125.00
▪			20 - 160	40	0.05	0258 502	167.00
▪			26 - 200	60	0.05	0258 503	256.00
▪			30 - 250	80	0.05	0258 504	290.00
▪			35 - 300	100	0.05	0258 505	324.00



Dimensions for the digital version are identical

Measuring range mm	Jaw dimensions mm	
	A	C
10 - 160	0.9	3.0
20 - 160	2.0	5.0
26 - 200	3.0	7.0
30 - 250	4.0	8.5
35 - 300	5.0	10.0

DIGI-MET® Caliper for internal grooves 0258



Specification

- Stainless steel
- LCD display 6 mm
- Factory standard
- Locking screw
- Packaging: Wooden case

Electronic functions

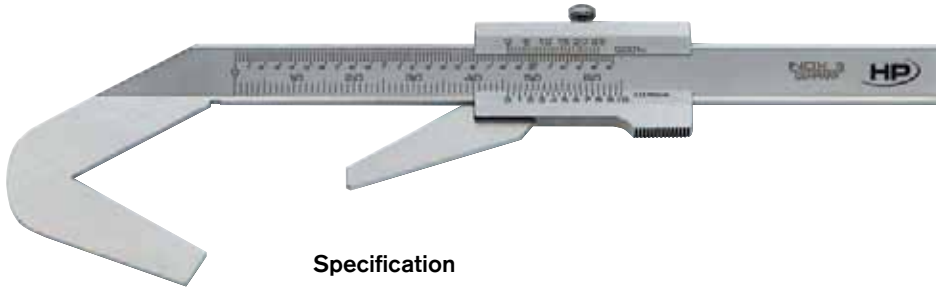
- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function
- PRESET Function (setting a numerical value)

Home	Double Arrow	Scale	Measuring range mm	Jaw length mm	inch	Reading mm	inch	Ref. No.	List price Euro
▪			10 - 160	25	1.0	0.01	.0005	0258 701	338.00
▪			20 - 160	40	1.5	0.01	.0005	0258 702	380.00
▪			26 - 200	60	2.3	0.01	.0005	0258 703	697.00
▪			30 - 250	80	3.1	0.01	.0005	0258 704	786.00
▪			35 - 300	100	3.9	0.01	.0005	0258 705	819.00





Caliper for 3/5 point measurement 0260



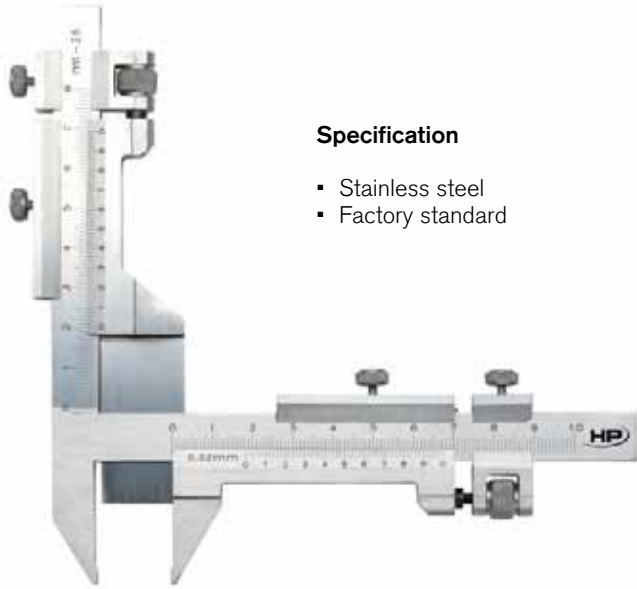
Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Packaging: Individually packed

	Measuring range mm	Reading		Ref. No.	List price Euro
		mm	inch		
3 point measurement:					
▪	4 - 40	0.05	0.001	0260 501	64.00
5 point measurement:					
▪	2 - 40	0.05	0.001	0260 502	64.00



Gear tooth caliper 0268



Specification

- Stainless steel
- Factory standard
- Locking screw
- Fine adjustment
- Packaging: Individually packed

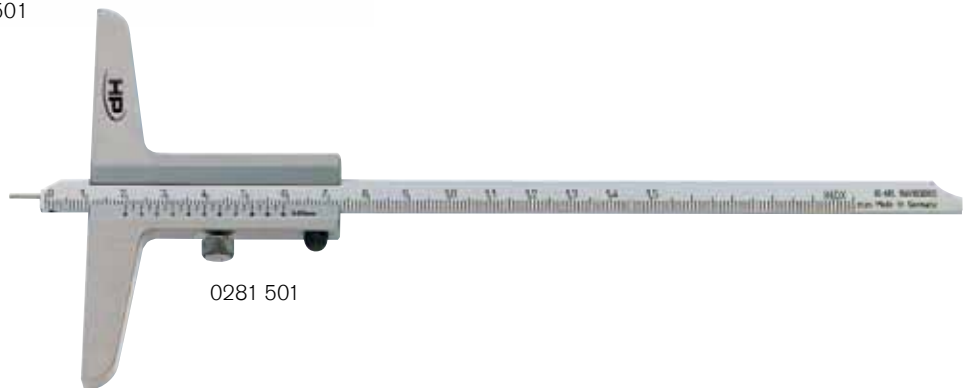
			Module mm	Reading mm	Ref. No.	List price Euro
Hardened jaw tips:						
▪			1 - 26	0.02	0268 201	269.00
Carbide tipped jaw tips:						
▪			1 - 26	0.02	0268 211	327.00



Vernier depth gauge 0280 / 0281



0280 501

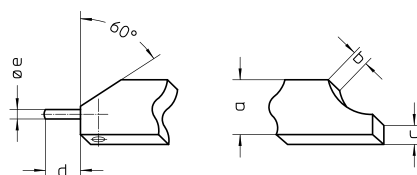


0281 501

Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Low-set master scale
- Locking screw
- Measuring rod with interchangeable pin
- High-precision laser graduation on the vernier and scale
- Packaging: Imitation leather case

🏠	🔍	🌧️	Measuring range		Base length		Reading mm	Ref. No.	List price Euro
			mm	inch	mm	inch			
Vernier satin chrome plated, measuring rod with interchangeable pin:									
▪	▪		80		50	2	0.05	0280 501	44.50
Vernier satin chrome plated, reversible measuring rod with interchangeable pin:									
▪	▪		150	6	100	4	0.05	0281 201	70.00
▪	▪		200	8	100	4	0.05	0281 202	73.00
▪	▪		250	10	130	5	0.05	0281 204	82.00
▪	▪		300	12	150	6	0.05	0281 205	92.00
Vernier + scale satin chrome plated, reversible measuring rod with interchangeable pin:									
▪	▪		150	6	100	4	0.05	0281 501	77.00
▪	▪		200	8	100	4	0.05	0281 502	80.00
▪	▪		250	10	130	5	0.05	0281 504	91.00
▪	▪		300	12	150	6	0.05	0281 505	100.00



Meas. range mm	a	b	c	d	e
150 - 200	8	3	3.5	8	1.5
250 - 300	12	4	4	8	2



Vernier depth gauge 0282

HP

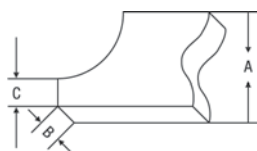
DIN
862



Specification

- DIN 862
- Locking screw
- Straight measuring rod
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box for calipers up to 1000 mm, larger measuring ranges are individually packed

			Measuring range		Base length		Reading mm	Ref. No.	List price Euro
			mm	inch	mm	inch			
Special steel, vernier satin chrome plated:									
▪	▪		150	6	100	4	0.05	0282 101	42.00
▪	▪		200	8	100	4	0.05	0282 102	43.80
▪	▪		250	10	130	5	0.05	0282 104	52.00
▪	▪		300	12	150	6	0.05	0282 105	58.00
▪	▪		500	20	250	10	0.05	0282 108	122.00
▪	▪		800	31	250	10	0.05	0282 109	212.00
▪	▪		1000	39	250	10	0.05	0282 110	294.00
Stainless steel, vernier satin chrome plated:									
▪	▪		150	6	100	4	0.05	0282 201	62.00
▪	▪		200	8	100	4	0.05	0282 202	64.00
▪	▪		300	12	100	4	0.05	0282 203	74.00
▪	▪		250	10	130	5	0.05	0282 204	71.00
▪	▪		300	12	150	6	0.05	0282 205	78.00
▪	▪		400	16	150	6	0.05	0282 206	87.00
▪	▪		500	20	150	6	0.05	0282 207	120.00
▪	▪		500	20	250	10	0.05	0282 208	185.00
▪	▪		800	31	250	10	0.05	0282 209	307.00
▪	▪		1000	39	250	10	0.05	0282 210	436.00
		▪	1500	59	300	12	0.05	0282 212	1,065.00
		▪	2000	79	300	12	0.05	0282 213	1,399.00
Stainless steel, vernier + scale satin chrome plated:									
▪	▪		150	6	100	4	0.05	0282 501	68.00
▪	▪		200	8	100	4	0.05	0282 502	71.00
▪	▪		300	12	100	4	0.05	0282 503	81.00
▪	▪		250	10	130	5	0.05	0282 504	78.00
▪	▪		300	12	150	6	0.05	0282 505	85.00
▪	▪		500	20	150	6	0.05	0282 507	133.00
▪	▪		500	20	250	10	0.05	0282 508	203.00
▪	▪		800	31	250	10	0.05	0282 509	337.00
▪	▪		1000	39	250	10	0.05	0282 510	478.00



Measuring range mm	Maß 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
1500	25.0	6.0	13.0
2000	30.0	7.0	13.0



Vernier depth gauge 0286



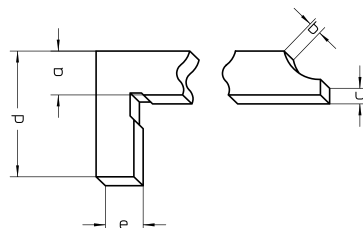
DIN
862



Specification

- DIN 862
- Locking screw
- Reversible, L shaped measuring rod
- Scales on both sides
- Low-set master scale
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box for calipers up to 1000 mm, larger measuring ranges are individually packed

Home	QuickLock	QuickStart	Measuring range		Base length		Reading	Ref. No.	List price
			mm	inch	mm	inch			
Special steel, vernier satin chrome plated:									
▪	▪		150	6	100	4	0.05	0286 101	51.00
▪	▪		200	8	100	4	0.05	0286 102	52.00
▪	▪		250	10	130	5	0.05	0286 104	64.00
▪	▪		300	12	150	6	0.05	0286 105	70.00
Stainless steel, vernier satin chrome plated:									
▪	▪		150	6	100	4	0.05	0286 201	74.00
▪	▪		200	8	100	4	0.05	0286 202	76.00
▪	▪		250	10	130	5	0.05	0286 204	85.00
▪	▪		300	12	150	6	0.05	0286 205	92.00
▪	▪		400	16	150	6	0.05	0286 206	114.00
▪	▪		500	20	150	6	0.05	0286 207	145.00
▪	▪		500	20	250	10	0.05	0286 208	243.00
▪	▪		800	31	250	10	0.05	0286 209	381.00
▪	▪		1000	39	250	10	0.05	0286 210	529.00
		▪	1500	59	300	12	0.05	0286 212	1,144.00
		▪	2000	79	300	12	0.05	0286 213	1,475.00
Stainless steel, vernier + scale satin chrome plated:									
▪	▪		150	6	100	4	0.05	0286 501	81.00
▪	▪		200	8	100	4	0.05	0286 502	82.00
▪	▪		250	10	130	5	0.05	0286 504	94.00
▪	▪		300	12	150	6	0.05	0286 505	100.00
▪	▪		500	20	150	6	0.05	0286 507	160.00
▪	▪		500	20	250	10	0.05	0286 508	338.00
▪	▪		800	31	250	10	0.05	0286 509	455.00
▪	▪		1000	39	250	10	0.05	0286 510	581.00



Meas. range mm	a	b	c	d	e
150 - 200	8	3	3.5	20	5
250 - 500	12	4	4	28	10
500 - 1000	20	5	10	70	19
1500	25	6	10	90	24
2000	30	7	10	90	29



Contraction vernier depth gauge 0289



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- Factory standard
- Locking screw
- Straight measuring rod
- Low-set master scale
- Scales on both sides
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

			Measuring range mm	Base length mm	Reading mm	Ref. No.	List price Euro
Contraction scale divisions: 1.0% ▪ 1.5% ▪ 2.0% ▪ 1/1 mm							
▪			300	150	0.1	0289 511	165.00
▪			500	150	0.1	0289 512	248.00
Contraction scale divisions: 0.5% ▪ 0.8% ▪ 1.0% ▪ 1/1 mm							
▪			300	150	0.1	0289 521	165.00
▪			500	150	0.1	0289 522	248.00
Contraction scale divisions: 1.0% ▪ 1.25% ▪ 1.5% ▪ 1/1 mm							
▪			300	150	0.1	0289 531	165.00
▪			500	150	0.1	0289 532	248.00
Contraction scale divisions: 1.75% ▪ 2.0% ▪ 2.5% ▪ 1/1 mm							
▪			300	150	0.1	0289 541	165.00
▪			500	150	0.1	0289 542	248.00
Contraction scale divisions: 1.0% ▪ 1.25% ▪ 2.0% ▪ 1/1 mm							
▪			300	150	0.1	0289 551	165.00
▪			500	150	0.1	0289 552	248.00
Contraction scale divisions: 0.3% ▪ 0.4% ▪ 0.6% ▪ 1/1 mm							
▪			300	150	0.1	0289 561	165.00
▪			500	150	0.1	0289 562	248.00
Contraction scale divisions: 1.0% ▪ 1.25% ▪ 1.5% ▪ 2.0%							
▪			300	150	0.1	0289 571	176.00
▪			500	150	0.1	0289 572	262.00

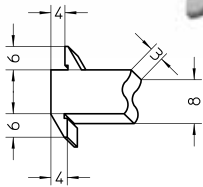




Offset vernier depth gauge 0292



DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Reversible, offset meas. rod
- Low-set master scale
- Scales on both sides
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

Icon 1	Icon 2	Icon 3	Measuring range		Base length		Reading	Ref. No.	List price
			mm	inch	mm	inch			
▪			200	8	100	4	0.05	0292 501	76.00
▪			300	12	100	4	0.05	0292 502	86.00

Vernier depth gauge 0294



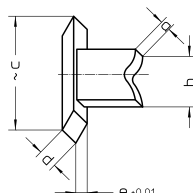
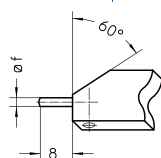
DIN
862



Specification

- Stainless steel
- Reading parts have a satin chrome finish
- DIN 862
- Locking screw
- Sliding measuring base
- With measuring plate and pin
- Low-set master scale
- Scales on both sides
- High-precision laser graduation on the vernier and scale
- Packaging: Cardboard box

Icon 1	Icon 2	Icon 3	Measuring range		Sliding measuring base	Reading	Ref. No.	List price
			mm	inch				
▪			250	10	200 x 10	0.02	0294 504	410.00
▪			500	20	400 x 16	0.02	0294 505	654.00
▪			750	30	400 x 20	0.02	0294 506	1,017.00
▪			1000	40	600 x 20	0.02	0294 507	1,379.00



Meas. range mm	a	b	c	d	e	f
250 - 500	12	4	18	6	2	2
750 - 1000	20	5	30	8	3	3

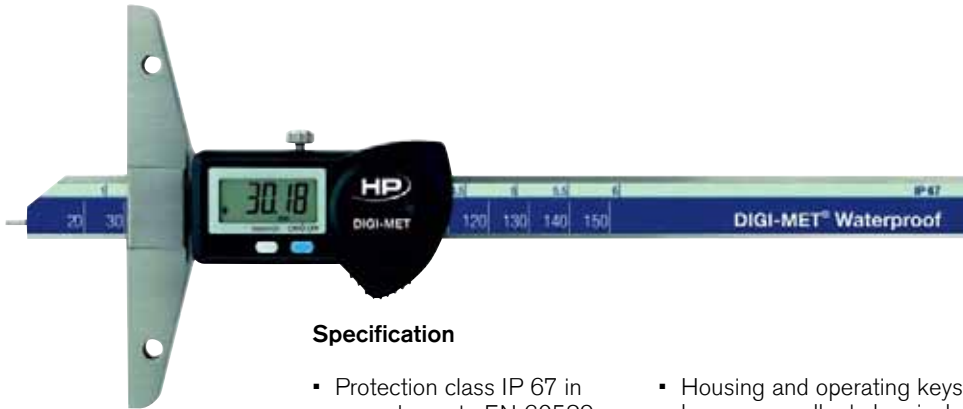


DIGI-MET® Depth gauge 1271

HP



DIN
862



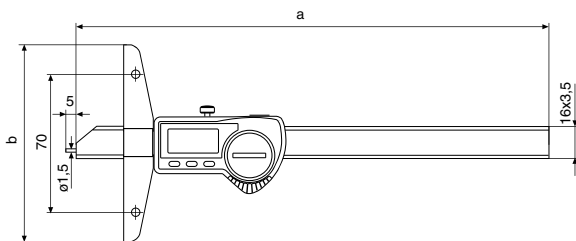
Specification

- Protection class IP 67 in accordance to EN 60529
- Measuring system is insensitive to cooling agents and dust
- Stainless steel
- DIN 862
- Housing and operating keys have an excellent chemical resistance
- Locking screw
- LCD display 7.5 mm
- Measuring pin dia. 1.5 mm
- Packaging: Fitted case

Electronic functions

- ON/OFF switch
- QuickLock Function zero position is protected against operating error
- Zero setting at any position
- mm/inch conversion

Household	F.O.C.	IP 67	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		150	6	100	4	0.01	.0005	1271 416	338.00
▪	▪		300	12	150	6	0.01	.0005	1271 422	414.00
▪	▪		500	20	150	6	0.01	.0005	1271 428	477.00



Dimensions	a	b
150 mm	234	100
300 mm	384	150
500 mm	584	150

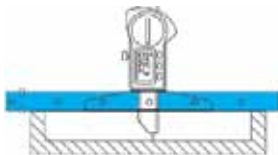
Accessories

Battery, 3V-Lithium, CR 2032

Ref. No.	List price Euro
0220 704	3.40

Extension depth attachment base

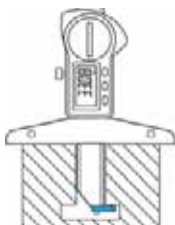
HP



Household	F.O.C.	IP 67	Depth attachment base length mm	Ref. No.	List price Euro
▪			200	1271 451	77.00
▪			300	1271 452	90.00

Measuring insert for distance measurements

HP

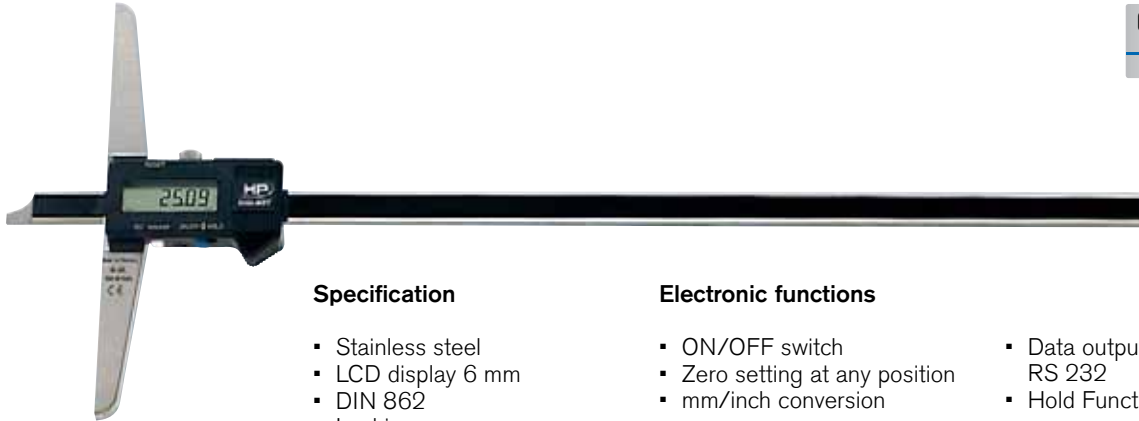


- To be attached to the measuring pin

Household	F.O.C.	IP 67	Ref. No.	List price Euro
▪			1271 455	33.60



DIGI-MET® Depth gauge 0274



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Straight measuring rod
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

Home	QuickLock	QuickStart	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		200	8	100	4	0.01	.0005	0274 700	300.00
▪	▪		300	12	150	6	0.01	.0005	0274 701	335.00
▪	▪		500	20	150	6	0.01	.0005	0274 702	397.00
▪	▪		1000	39	250	10	0.01	.0005	0274 704	1,598.00
		▪	1500	59	250	10	0.01	.0005	0274 712	1,824.00
		▪	2000	79	250	10	0.01	.0005	0274 713	2,164.00

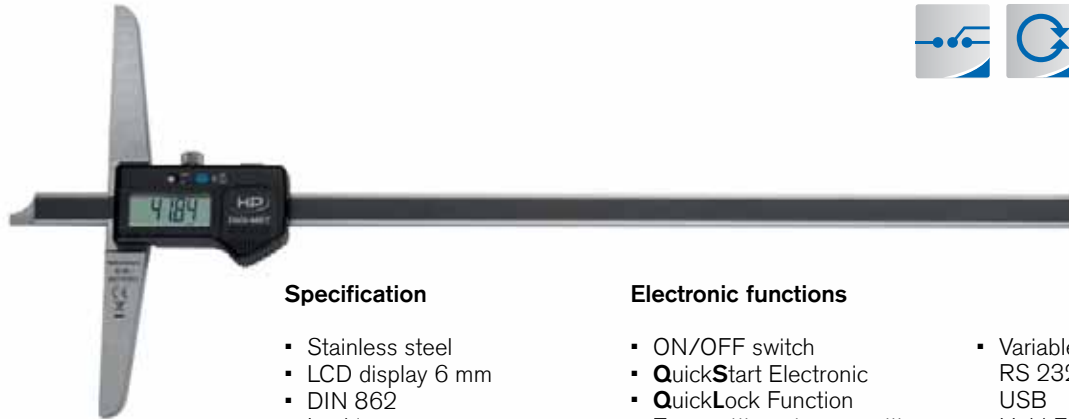
Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



DIGI-MET® Depth gauge 1260

HP



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Straight measuring rod
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output
RS 232 + Digimatic +
USB
- Hold Function (measured
value memory)

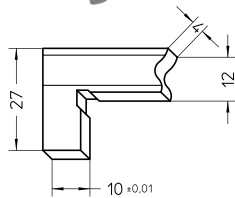
	⏏	⏏	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			200	8	100	4	0.01	.0005	1260 718	325.00
▪			300	12	150	6	0.01	.0005	1260 722	365.00
▪			500	20	150	6	0.01	.0005	1260 728	419.00
▪			1000	39	250	10	0.01	.0005	1260 734	1,195.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Depth gauge 0275



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- L shaped measuring rod

- Larger measuring ranges are available upon request
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

Home	Lock	Data	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		300	12	150	6	0.01	.0005	0275 701	364.00
▪	▪		500	20	150	6	0.01	.0005	0275 702	439.00

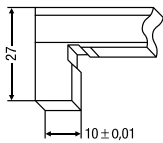
Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



DIGI-MET® Depth gauge 1262

HP



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- L shaped measuring rod
- Larger measuring ranges are available upon request
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB
- Hold Function

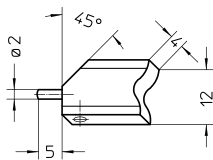
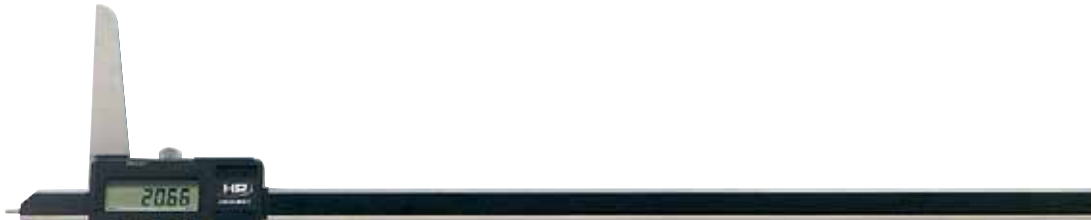
			Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		300	12	150	6	0.01	.0005	1262 722	375.00
▪	▪		500	20	150	6	0.01	.0005	1262 728	435.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for Opto to RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Depth gauge 0276



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Replaceable pin, dia. 2 x 5 mm

- Larger measuring ranges are available upon request
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- mm/inch conversion
- Zero setting at any position
- Data output Opto RS 232
- Hold Function

Home	QuickLock	QuickStart	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		200	8	100	4	0.01	.0005	0276 700	341.00
▪	▪		300	12	150	6	0.01	.0005	0276 701	382.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50

Replacement measuring pin for 0276



Home	QuickLock	QuickStart	Ref. No.	List price Euro
▪			0276 711	5.50



DIGI-MET® Depth gauge 1264

HP



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Replaceable pin, dia. 2 x 5 mm
- Larger measuring ranges are available upon request
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB
- Hold Function

	⏪	📏	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		300	12	150	6	0.01	.0005	1264 722	353.00
▪	▪		500	20	150	6	0.01	.0005	1264 728	394.00

Accessories

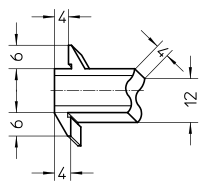
	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Offset depth gauge 0278



0278 700



0278 720



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Offset measuring rod

- Larger measuring ranges are available upon request
- Packaging: Wooden case

Electronic functions

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

- Data output Opto RS 232 - only for gauges 0278 700 to 0278 702
- Hold Function

Home	QuickLock	QuickStart	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		200	8	100	4	0.01	.0005	0278 700	368.00
▪	▪		300	12	150	6	0.01	.0005	0278 701	464.00
▪	▪		500	20	150	6	0.01	.0005	0278 702	561.00
Protection class IP65, reversible measuring rod:										
			200	8	100	4	0.01	.0005	0278 720	409.00
			300	12	150	6	0.01	.0005	0278 721	513.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701*	67.00
Cable for Opto to USB	0996 705*	127.50

* Only for Ref. No. 0278 700 - 0278 702



DIGI-MET® Offset depth gauge 1266

HP



Specification

- Stainless steel
- LCD display 8.5 mm
- Factory standard
- Housing and operating keys have an excellent chemical resistance
- Locking screw
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB

Home	Calibration	Menu	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪	▪		300	12	150	6	0.01	.0005	1266 722	445.00
▪	▪		500	20	150	6	0.01	.0005	1266 728	559.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB, incl. Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60





DIGI-MET® Small depth gauge 0277



Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Measuring pin, dia. 2 mm
- Packaging:
Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

	Measuring range		Base length		Reading		Ref. No.	List price Euro
	mm	inch	mm	inch	mm	inch		
▪	25	1	48	1.89	0.01	.0005	0277 701	217.00

Accessories		Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032		0220 704	3.40
Cable for Opto to RS 232		0996 701	67.00
Cable for Opto to USB		0996 705	127.50



DIGI-MET® Depth gauge 1276

HP



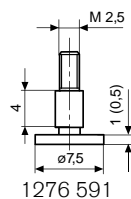
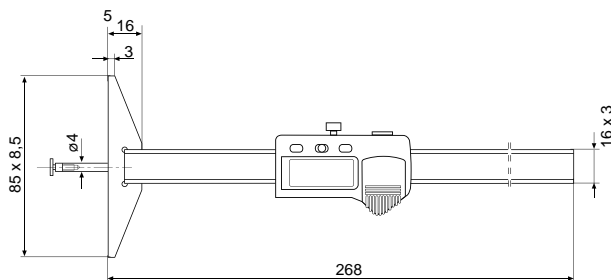
Specification

- Stainless steel
- LCD display 6 mm
- Locking screw
- Replaceable measuring insert dia. 7.5 x 1 mm
- Measuring insert dia. 4 mm, flat and spherical are included
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB
- Reversal of counting direction
- PRESET Function (setting a numerical value)

□	⊗	⚡	Measuring range		Base length		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			100	4	85	3.4	0.01	.0005	1276 514	450.00



Accessories

	Ref. No.	List price Euro
Disc type measuring insert dia. 7.5 x 1 mm	1276 591	16.30
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® Depth gauge 0279 / 1268



Specification

- Stainless steel
- LCD display 6 mm
- Locking screw
- **The sliding measuring base must be ordered separately**
- Packaging: Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function

Icon	Icon	Measuring range		Base length		Reading		Ref. No.	List price Euro
		mm	inch	mm	inch	mm	inch		
▪		300	12	150	6	0.01	.0005	0279 701	343.00
▪		500	20	150	6	0.01	.0005	0279 703	404.00
With QuickStart Electronic + QuickLock Function									
		300	12	150	6	0.01	.0005	1268 722	375.00
		500	20	150	6	0.01	.0005	1268 728	425.00

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701*	67.00
Cable for Opto to USB	0996 705*	127.50

* Only for Ref. No. 0279 701 and 0279 703

Measuring base, hardened



Icon	Icon	Icon	Dimensions mm	Ref. No.	List price Euro
▪			300 x 16	0279 722	237.00
▪			400 x 16	0279 723	248.00



DIGI-MET® Depth gauge for one-handed operation 1278

HP



Specification

- Stainless steel
- Locking screw
- Factory standard
- Constant measuring force through spring pressure
- Interchangeable measuring inserts, M 2.5 mm thread
- Included in delivery: ball measuring inserts dia. 1/8" for depth measurement
- All measuring inserts with a M 2.5 mm thread size can be used
- Measuring inserts for **core hole bores** (for additional costs) see table
- Packaging: Wooden case

Electronic functions

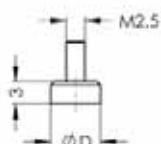
- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Function
- Zero setting at any position
- mm/inch conversion
- Variable data output RS 232 + Digimatic + USB
- **PRESET** Function (setting a numerical value)

	⏏	⏏	Measuring range		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch		
▪			0 - 60	0 - 2.4	0.01	.0005	1278 505	687.00
▪			0 - 100	0 - 4.0	0.01	.0005	1278 508	739.00

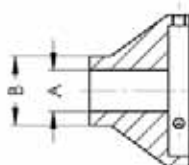
Measuring inserts for core hole bores

	⏏	⏏	⏏	Thread size	Core diameter	Measuring insert diameter	Ref. No.	List price Euro
				mm	mm	mm		
▪				M 16 x 1.5	14.38	14.32	1278 923	24.50
▪				M 16 x 1	14.92	14.87	1278 924	24.50
				M 12 x 1.25	10.65	10.59	1278 936	24.50
				M 12 x 1	10.92	10.87	1278 938	24.50
				M 10 x 1	8.92	8.87	1278 940	24.50
				M 10 x 0.75	9.19	9.13	1278 942	24.50
				M 8 x 1	6.92	6.87	1278 944	24.50
				M 8 x 0.75	7.19	7.14	1278 946	24.50
				M 6 x 0.75	5.19	5.14	1278 948	24.50
				M 5 x 0.5	4.46	4.41	1278 950	24.50
				M 16	13.84	13.79	1278 952	24.50
				M 12	10.11	10.05	1278 954	24.50
				M 10	8.38	8.32	1278 956	24.50
				M 8	6.65	6.59	1278 958	24.50
				M 6	4.92	4.87	1278 960	24.50
				M 5	4.13	4.08	1278 962	24.50
				16 pieces - set			1278 930	359.00

Measuring inserts



Reduction

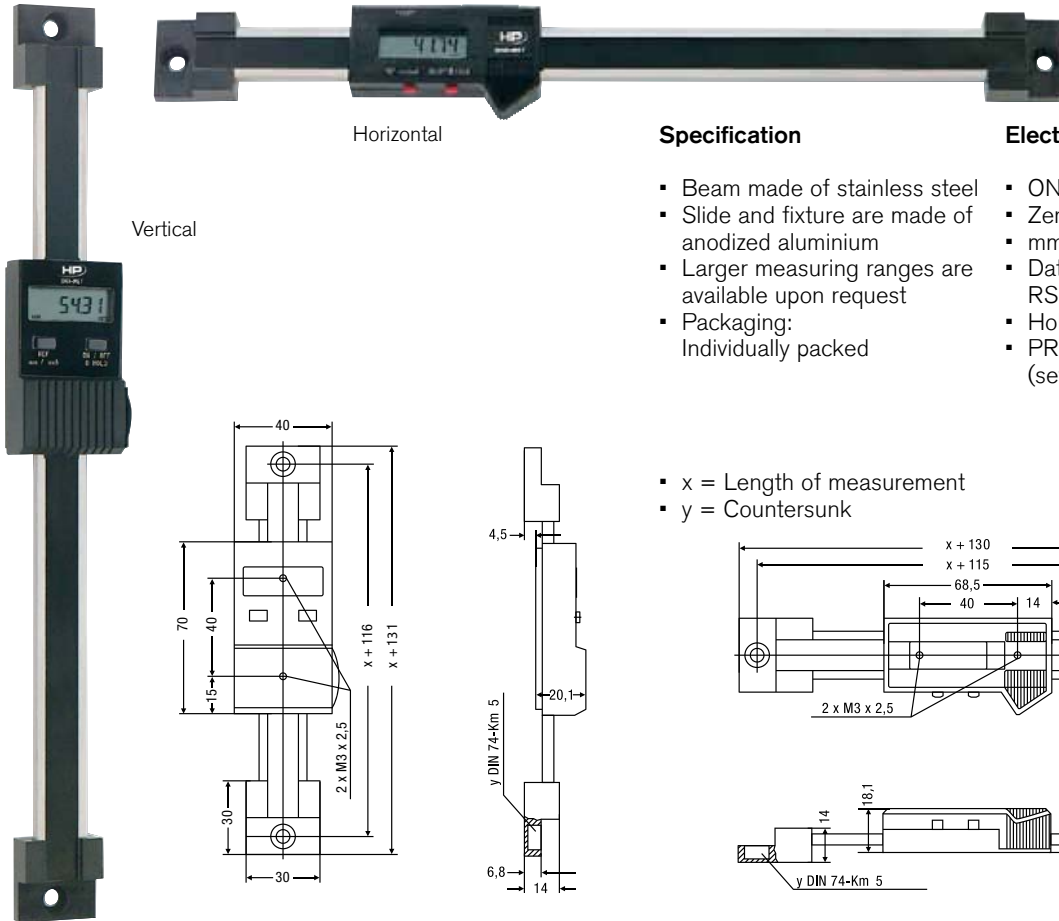


Reductions

Type	Dim. A mm	Dim. B mm	Ref. No.	List price Euro
6/12	dia. 6	dia. 12	1278 912	99.00
9.5/16	dia. 9.5	dia. 16	1278 916	99.00
15/20	dia. 15	dia. 20	1278 920	99.00



DIGI-MET® Mounting scale 0273



Horizontal

Vertical

Specification

- Beam made of stainless steel
- Slide and fixture are made of anodized aluminium
- Larger measuring ranges are available upon request
- Packaging: Individually packed

Electronic functions

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

- x = Length of measurement
- y = Countersunk

		Measuring range		LCD display	Reading		Ref. No.	List price
		mm	inch		mm	mm		
Horizontal:								
▪		150	6	6	0.01	.0005	0273 731	156.00
▪		200	8	6	0.01	.0005	0273 732	163.00
▪		300	12	6	0.01	.0005	0273 735	166.00
▪		450	18	6	0.01	.0005	0273 738	211.00
▪		600	24	6	0.01	.0005	0273 741	256.00
		800	31	6	0.01	.0005	0273 745	449.00
		1000	39	6	0.01	.0005	0273 746	489.00
Vertical:								
▪		150	6	6	0.01	.0005	0273 751	211.00
		200	8	6	0.01	.0005	0273 752	220.00
		300	12	6	0.01	.0005	0273 755	223.00
		450	18	6	0.01	.0005	0273 758	270.00
		600	24	6	0.01	.0005	0273 761	316.00
		800	31	6	0.01	.0005	0273 765	549.00
		1000	39	6	0.01	.0005	0273 766	589.00

Accessories

	Ref. No.	List price
		Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50






Wooden cases with foam padding 0003

HP






Standard packaging:
Cardboard box with
cutout insert

			Measuring range mm	Jaw length mm	Internal dimensions L x W x H mm	Ref. No.	List price Euro
For calipers with knife points:							
▪			160	40	250 x 90 x 20	0003 219	6.70
▪			200	80	315 x 130 x 20	0003 220	8.00
▪			250	80	370 x 145 x 20	0003 221	10.10
▪			300	90	435 x 175 x 20	0003 222	13.90
▪			400	125	590 x 220 x 20	0003 225	30.60
▪			400	150	590 x 250 x 20	0003 226	36.50
▪			400	200	590 x 300 x 20	0003 227	33.40
▪			500	150	690 x 250 x 21	0003 229	41.80
▪			500	200	700 x 315 x 21	0003 230	42.80
▪			500	250	700 x 350 x 21	0003 231	43.80
▪			600	150	790 x 250 x 21	0003 233	52.00
▪			600	200	790 x 300 x 21	0003 234	58.00
▪			800	150	1000 x 270 x 21	0003 237	57.00
▪			800	200	1000 x 320 x 21	0003 238	58.00
▪			800	300	1000 x 420 x 21	0003 240	75.00
▪			1000	150	1200 x 270 x 21	0003 243	76.00
▪			1000	200	1200 x 320 x 21	0003 244	85.00
▪			1000	300	1230 x 420 x 21	0003 246	103.00
▪			1250	200	1520 x 380 x 25	0003 249	100.00
▪			1250	300	1520 x 440 x 25	0003 250	127.00
▪			1500	200	1800 x 380 x 25	0003 252	143.00
▪			1500	300	1800 x 440 x 25	0003 253	171.00
▪			2000	200	2300 x 380 x 25	0003 255	262.00
▪			2000	300	2300 x 460 x 25	0003 256	248.00
▪			3000	200	3310 x 400 x 25	0003 258	277.00
▪			3000	300	3310 x 460 x 25	0003 259	320.00











Wooden cases with foam padding 0003



			Measuring range mm	Jaw length mm	Internal dimensions L x W x H mm	Ref. No.	List price Euro
For calipers <i>without</i> knife points:							
▪			160	40	250 x 90 x 20	0003 219	6.70
▪			200	80	315 x 130 x 20	0003 220	8.00
▪			250	80	370 x 145 x 20	0003 221	10.10
▪			300	90	435 x 175 x 20	0003 222	13.90
▪			300	150	435 x 205 x 20	0003 223	15.60
▪			400	125	610 x 180 x 20	0003 224	23.50
▪			400	150	590 x 220 x 20	0003 225	30.60
▪			400	200	590 x 250 x 20	0003 226	36.50
▪			500	150	690 x 200 x 20	0003 228	40.70
▪			500	200	690 x 250 x 21	0003 229	41.80
▪			500	250	700 x 315 x 21	0003 230	42.80
▪			600	150	790 x 200 x 21	0003 232	43.80
▪			600	200	790 x 250 x 21	0003 233	52.00
▪			600	300	810 x 400 x 21	0003 235	63.00
▪			800	150	1000 x 220 x 21	0003 236	53.00
▪			800	200	1000 x 270 x 21	0003 237	57.00
▪			800	300	1000 x 380 x 21	0003 239	65.00
▪			800	400	1100 x 480 x 21	0003 241	75.00
▪			1000	150	1200 x 220 x 21	0003 242	71.00
▪			1000	200	1200 x 270 x 21	0003 243	76.00
▪			1000	300	1200 x 380 x 21	0003 245	95.00
▪			1000	500	1300 x 600 x 25	0003 247	117.00
▪			1250	200	1520 x 310 x 25	0003 248	100.00
▪			1250	300	1520 x 380 x 25	0003 249	100.00
▪			1500	200	1800 x 310 x 25	0003 251	133.00
▪			1500	300	1800 x 380 x 25	0003 252	143.00
▪			2000	200	2300 x 310 x 25	0003 254	222.00
▪			2000	300	2300 x 380 x 25	0003 255	262.00
▪			3000	200	3310 x 310 x 25	0003 257	267.00
▪			3000	300	3310 x 400 x 25	0003 258	277.00



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
	Data output: OPTO or Data variable
	Accuracy according to DIN



CHAPTER 2 - MICROMETERS

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External micrometer 0800

HP

DIN
863-1



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- From measuring range 25 - 50 mm upwards includes a setting standard
- Packaging: Plastic case

Home	Marked *	Marked *	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	6.5	17	0.5	0800 501	16.40
▪			25 - 50	6.5	17	0.5	0800 502	20.00
▪			50 - 75	6.5	17	0.5	0800 503	22.90
▪			75 - 100	6.5	17	0.5	0800 504	27.10

Set of external micrometers 0800

HP

DIN
863-1



Specification

- Includes 4 external micrometers
- Setting standards 25 mm + 50 mm + 75 mm
- Packaging: Wooden case

Home	Marked *	Marked *	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch	Ref. No.	List price Euro
▪			0 - 100	6.5	17	0.5	0800 513	96.00

Holder for external micrometers 0807

HP



Specification

- Cast iron base
- Vertically rotating and lockable
- Packaging: Individually packed

Home	Marked *	Marked *	For measuring range mm	Ref. No.	List price Euro
▪			0 - 300	0807 101	48.70

External micrometer 0806

HP



DIN
863-1

Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Coated steel frame
- From measuring range 25 - 50 mm upwards includes a setting standard
- Packaging: Plastic case

Home	QuickLock	QuickStart	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	6.5	17.5	0.5	0806 521	40.70
▪			25 - 50	6.5	17.5	0.5	0806 522	64.00
▪			50 - 75	6.5	17.5	0.5	0806 523	79.00
▪			75 - 100	6.5	17.5	0.5	0806 524	91.00
			100 - 125	6.5	17.5	0.5	0806 525	124.00
			125 - 150	6.5	17.5	0.5	0806 526	139.00
			150 - 175	6.5	17.5	0.5	0806 527	155.00
			175 - 200	6.5	17.5	0.5	0806 528	171.00

Set of external micrometers 0806

HP



DIN
863-1

Specification

- Includes 4 external micrometers
- Setting standards 25 mm + 75 mm or 125 mm + 175 mm
- Packaging: Wooden case

Home	QuickLock	QuickStart	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 100	6.5	20.5	17.5	0806 540	240.00
▪			100 - 200	6.5	20.5	17.5	0806 542	527.00



External micrometer 0810

HP

DIN
863-1



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Spindle and anvil are made of stainless steel
- Locking lever
- Spindle hardened
- Chrome plated steel frame
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Setting standard not included
- Packaging: Wooden case

Home	Calibration	Weight	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	7.5	25	1	0810 501	205.00
▪			25 - 50	7.5	25	1	0810 502	226.00
▪			50 - 75	7.5	25	1	0810 503	243.00
▪			75 - 100	7.5	25	1	0810 504	260.00

External micrometer with deep frame 0815

HP

DIN
863-1



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Spindle and anvil are made of stainless steel
- Locking lever
- Spindle hardened
- Chrome plated steel frame
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Setting standard not included
- Packaging: Wooden case

Home	Calibration	Weight	Meas. range x frame depth mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Max. error µm	Ref. No.	List price Euro
			0 - 25 x 100	8	24	1	3	0815 510	258.00
			0 - 25 x 150	6.5	24	1	5	0815 514	272.00
			0 - 25 x 250	6.5	24	1	7	0815 518	340.00
			0 - 50 x 50	8	24	1	3	0815 530	295.00
			0 - 50 x 100	8	24	1	4	0815 534	445.00
			50 - 100 x 100	8	24	1	4	0815 540	475.00



External micrometer 0816



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking ring
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- With 50 mm spindle movement and a wide measuring range
- Coated malleable cast iron frame or coated light alloy frame*
- Setting standard not included
- Packaging: Wooden case

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 50	8	24	1	0816 501	251.00
▪			50 - 100	8	24	1	0816 502	310.00
▪			100 - 150	8	24	1	0816 503	357.00
▪			150 - 200	8	24	1	0816 504	408.00
			200 - 250	8	24	1	0816 505	443.00
			250 - 300	8	24	1	0816 506	493.00
			300 - 350	10	24	1	0816 507*	703.00
			350 - 400	10	24	1	0816 508*	724.00
			400 - 450	10	24	1	0816 509*	786.00
			450 - 500	10	24	1	0816 510*	828.00
			500 - 550	10	24	1	0816 511*	912.00
			550 - 600	10	24	1	0816 512*	975.00



External micrometer 0817

HP

DIN
863



Specification

- DIN 863
- Reading 0.01 mm without the addition of thread pitch 1 mm
- Reading parts are satin chrome plated
- Spindle made from special steel
- Spindle adjustment 50 mm
- Gauge block extension 50 mm
- Locking lever
- Friction coupling
- Carbide measuring faces
- Thermally insulated
- Robust coated light alloy frame
- Setting standard not included
- Packaging: Wooden case

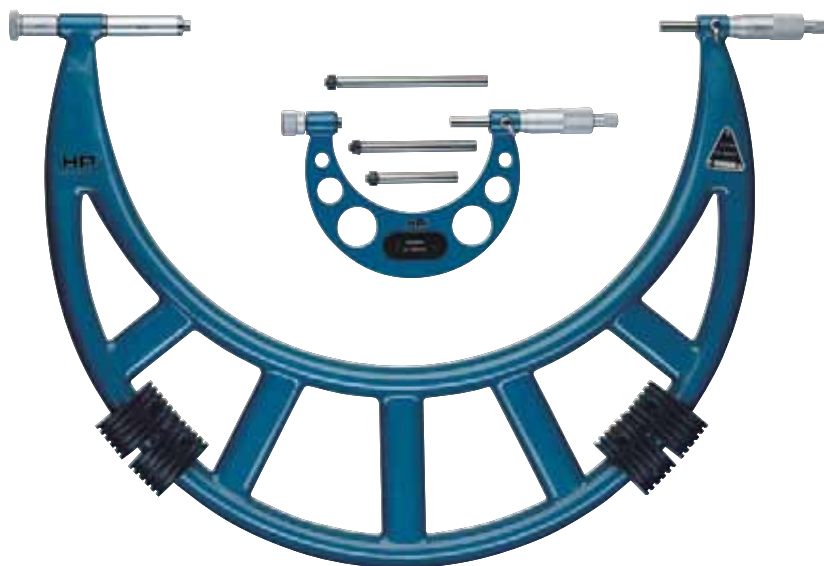
			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Max. error µm	Ref. No.	List price Euro
▪			200 - 300	10	24	1	6	0817 512	995.00
▪			300 - 400	10	24	1	7	0817 514	1,035.00
▪			400 - 500	10	24	1	8	0817 516	1,155.00
▪			500 - 600	10	24	1	9	0817 518	1,310.00
			600 - 700	10	24	1	9	0817 520	1,470.00
		▪	700 - 800	10	24	1	9	0817 522	1,630.00
		▪	800 - 900	10	24	1	10	0817 524	1,790.00
		▪	900 - 1000	10	24	1	10	0817 526	1,980.00
		▪	1000 - 1100	10	24	1	11	0817 528	2,180.00
		▪	1100 - 1200	10	24	1	11	0817 530	2,390.00
		▪	1200 - 1300	10	24	1	12	0817 532	2,615.00
		▪	1300 - 1400	10	24	1	12	0817 534	2,900.00
		▪	1400 - 1500	10	24	1	13	0817 536	3,090.00
		▪	1500 - 1600	10	24	1	18	0817 538	4,840.00
		▪	1600 - 1700	10	24	1	19	0817 540	5,140.00
		▪	1700 - 1800	10	24	1	20	0817 542	5,530.00
		▪	1800 - 1900	10	24	1	21	0817 544	5,860.00
		▪	1900 - 2000	10	24	1	22	0817 546	6,225.00

Replacement gauge block extension 0817

HP




			Length mm	Ref. No.	List price Euro
▪			50	0817 910	155.00

External micrometer with interchangeable inserts 0819



Specification

- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Coated malleable cast iron frame* or coated light alloy frame with interchangeable inserts
- Includes a setting standard
- Packaging: Wooden case

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 100	8	20	0.5	0819 501*	260.00
▪			100 - 200	8	20	0.5	0819 503*	347.00
▪			200 - 300	8	20	0.5	0819 510*	375.00
▪			300 - 400	8	24	0.5	0819 511	494.00
			400 - 500	8	24	0.5	0819 512	523.00
			500 - 600	8	24	0.5	0819 513	773.00
			600 - 700	8	24	0.5	0819 514	856.00
		▪	700 - 800	8	24	0.5	0819 515	976.00
		▪	800 - 900	8	24	1.0	0819 516	1,098.00
		▪	900 - 1000	8	24	0.5	0819 517	1,133.00
		▪	1000 - 1200	8	24	1.0	0819 519	1,228.00
		▪	1200 - 1400	8	24	1.0	0819 521	1,331.00
		▪	1400 - 1600	8	24	1.0	0819 523	1,558.00
		▪	1600 - 1800	8	24	1.0	0819 525	1,790.00
		▪	1800 - 2000	8	24	1.0	0819 527	2,059.00



Digital micrometer 0912

HP



Specification

- DIN 863-1
- Protection class IP 54
- Reading: 0.001 mm / .00005 inch
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- From measuring range 25 mm upwards includes a setting standard
- Packaging: Plastic case

Electronic functions

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

	Home	F.O.C.	Excess length	Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
				mm	inch				
▪				0 - 25	0 - 1	6.5	0.5	0912 501	70.00
▪				25 - 50	1 - 2	6.5	0.5	0912 502	80.00
▪				50 - 75	2 - 3	6.5	0.5	0912 503	91.00
▪				75 - 100	3 - 4	6.5	0.5	0912 504	104.00
				100 - 125	4 - 5	6.5	0.5	0912 505	115.00
				125 - 150	5 - 6	6.5	0.5	0912 506	126.00
				150 - 175	6 - 7	6.5	0.5	0912 507	136.00
				175 - 200	7 - 8	6.5	0.5	0912 508	146.00

Digital micrometer 1865






Specification

- DIN 863-1
- Reading: 0.001 mm/
.00005 inch
- LCD display 7.5 mm
- Locking lever
- Ratchet is integrated in
the measuring thimble
- Rapid drive
- Carbide measuring faces
- Thermally insulated
- Packaging:
Plastic case

Electronic functions

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

				Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
				mm	inch				
▪				0 - 25	0 - 1	6.5	0.635	1865 510	171.00
▪				25 - 50	1 - 2	6.5	0.635	1865 513	220.00
▪				50 - 75	2 - 3	6.5	0.635	1865 517	303.00
▪				75 - 100	3 - 4	6.5	0.635	1865 520	349.00

Accessories

	Ref. No.	List price Euro
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60



DIGI-MET® External micrometer 0932

HP



0932 701



0932 731

Specification

- Factory standard
- Selectable resolution
0.01 mm / 0.001 mm;
0.0005 inch /
0.00005 inch
- LCD display 6 mm
- Positive counting
direction
- Non-rotating spindle
- Linear measuring system
- Locking lever
- Carbide measuring faces
dia. 8 mm
- Thermally insulated
- Setting standard not included
- Ratchet stop
- Packaging:
Wooden case

Electronic functions

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

	⏪	📏	Measuring range		Spindle dia. mm	Pitch mm	Ref. No.	List price Euro
			mm	inch				
▪			0 - 25	0 - 1	8	1	0932 701	368.00
▪			25 - 50	1 - 2	8	1	0932 702	430.00
▪			50 - 75	2 - 3	8	1	0932 703	482.00
▪			75 - 100	3 - 4	8	1	0932 704	524.00
			100 - 125	4 - 5	8	1	0932 705	628.00
			125 - 150	5 - 6	8	1	0932 706	682.00
			150 - 175	6 - 7	8	1	0932 707	738.00
			175 - 200	7 - 8	8	1	0932 708	796.00
With lifter - retraction stroke 1.5 mm								
▪			0 - 25	0 - 1	8	1	0932 731	449.00
▪			25 - 50	1 - 2	8	1	0932 732	526.00
▪			50 - 75	2 - 3	8	1	0932 733	589.00
▪			75 - 100	3 - 4	8	1	0932 734	642.00

Accessories

	Ref. No.	List price Euro
Cable Opto RS 232	0996 701	67.00
Cable Opto for USB	0996 705	127.50

Precision dial micrometer 0849



DIN
863-3

Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 µm
- Reading parts are satin chrome plated
- Retraction stroke 1.5 mm
- Spindle made of hardened stainless steel
- Constant measuring force
- Locking lever
- Carbide measuring faces
- Thermally insulated
- Adjustable tolerance markers
- Setting standard not included
- Packaging: Wooden case

Home	QuickLock	QuickStart	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	7.5	17.5	0.5	0849 501	642.00
▪			25 - 50	7.5	17.5	0.5	0849 502	763.00

Precision dial micrometer 0850



DIN
863-3

Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 µm
- Reading parts are satin chrome plated
- Retraction stroke 1.2 mm
- Locking lever
- Carbide measuring faces
- Constant measuring force
- Thermally insulated
- Spindle made of hardened stainless steel
- Adjustable tolerance markers
- Setting standard not included
- Packaging: Wooden case

Home	QuickLock	QuickStart	Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	7.5	17.5	0.5	0850 511	508.00
▪			25 - 50	7.5	17.5	0.5	0850 512	563.00
			50 - 100	7.5	17.5	0.5	0850 514	598.00
			100 - 150	7.5	17.5	0.5	0850 516	640.00
			150 - 200	7.5	17.5	0.5	0850 518	669.00



Disc micrometer 0822



Specification

- Factory standard
- Reading: 0.01 mm
- Carbide measuring faces
- Ratchet stop
- Dial dia. 60 mm
- Malleable cast iron frame
- Packaging: Cardboard box

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Frame depth 50 mm:								
▪			0 - 15	6.5	20	1	0822 301	83.00
▪			0 - 25	6.5	20	1	0822 302	125.00
▪			0 - 50	6.5	20	1	0822 303	230.00
Frame depth 100 mm:								
▪			0 - 50	6.5	20	1	0822 304	378.00

Micrometer for tube wall measurement 0824



Specification

- Factory standard
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Ratchet stop
- Hardened measuring faces
- Malleable cast iron frame
- Packaging: Cardboard box

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Ball dia. 2.5 mm:								
▪			0 - 15	6.5	20	0.5	0824 302	146.00
Ball dia. 6.5 mm:								
▪			0 - 25	6.5	20	0.5	0824 303	157.00




Micrometer with reduced measuring faces 0854




DIN
863-3

Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Ratchet stop
- Thermally insulated
- Hardened spindle and anvil
- Coated steel frame
- From measuring range 25 - 50 mm upwards includes a setting standard
- Packaging: Plastic case

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 0.8 x 7 mm:								
▪			0 - 25	8.0	17.5	0.5	0854 301	224.00
▪			25 - 50	8.0	17.5	0.5	0854 302	272.00
▪			50 - 75	8.0	17.5	0.5	0854 303	291.00
▪			75 - 100	8.0	17.5	0.5	0854 304	316.00




Blade micrometer 0855




DIN
863-3

Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Hardened spindle and anvil
- Coated steel frame
- From measuring range 25 - 50 mm upwards includes a setting standard
- Packaging: Plastic case

			Measuring range mm	Spindle dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 3 mm, length 8.5 mm:								
▪			0 - 25	6.5	17.5	0.5	0855 301	161.00
▪			25 - 50	6.5	17.5	0.5	0855 302	198.00
▪			50 - 75	6.5	17.5	0.5	0855 303	224.00
▪			75 - 100	6.5	17.5	0.5	0855 304	237.00



Flute micrometer 0858

HP

DIN
863



To measure an uneven number of grooved workpieces

Specification

- DIN 863
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Adjustment with 2 plug gauges, the diameter of the plug gauges must be within the measuring range
- Pitch: per number of workpieces - flutes
- Packaging: Wooden case

Home	Double Arrow	Scale	Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
For 3+9 flute workpieces: 60°							
			1 - 15	19	0.5	0858 501	451.00
			3 - 20	19	0.5	0858 502	530.00
			20 - 35	19	0.5	0858 503	532.00
			35 - 50	19	0.5	0858 504	537.00
			50 - 65	19	0.5	0858 505	636.00
			65 - 80	19	0.5	0858 506	714.00
For 5 flute workpieces: 108°							
			5 - 25	19	0.5	0858 508	557.00
			25 - 45	19	0.5	0858 509	746.00
			45 - 65	19	0.5	0858 510	777.00
			65 - 85	19	0.5	0858 511	970.00
			85 - 105	19	0.5	0858 512	1,065.00

Setting standards for micrometers 0898



Specification

- Rod
- Special steel
- Hardened measuring faces
- Tolerance zone JS 2
- Thermally insulated
- Parallel lapped measuring faces
- Packaging: Individually packed

			Measuring range	Diameter	Ref. No.	List price
			mm	mm		
▪			25	6.5	0898 101	9.90
▪			50	6.5	0898 102	16.60
▪			75	6.5	0898 103	19.70
▪			100	6.5	0898 104	22.50
▪			125	6.5	0898 105	26.00
▪			150	6.5	0898 106	29.20
▪			175	6.5	0898 107	32.30
▪			200	6.5	0898 108	35.50
▪			225	6.5	0898 109	39.70
▪			250	6.5	0898 110	42.80
▪			275	6.5	0898 111	45.90
▪			300	10.0	0898 112	58.00
▪			325	10.0	0898 113	62.00
▪			350	10.0	0898 114	68.00
▪			375	10.0	0898 115	71.00
▪			400	10.0	0898 116	78.00
▪			425	10.0	0898 117	81.00
▪			450	10.0	0898 118	84.00
▪			475	10.0	0898 119	89.00
▪			500	10.0	0898 120	93.00
			525	10.0	0898 121	98.00
			550	10.0	0898 122	101.00
			575	10.0	0898 123	106.00
			600	10.0	0898 124	113.00
			625	10.0	0898 125	118.00
			650	10.0	0898 126	123.00
			675	10.0	0898 127	127.00
			700	10.0	0898 128	130.00
			725	10.0	0898 129	137.00
			750	10.0	0898 130	140.00
			775	10.0	0898 131	147.00
			800	10.0	0898 132	152.00
			825	10.0	0898 133	157.00
			850	10.0	0898 134	159.00
			875	10.0	0898 135	166.00
			900	10.0	0898 136	172.00
			925	10.0	0898 137	176.00
			950	10.0	0898 138	184.00
			975	10.0	0898 139	188.00
			1000	10.0	0898 140	193.00
	▪		1050	10.0	0898 142	275.00
	▪		1150	10.0	0898 146	305.00
	▪		1250	10.0	0898 150	330.00
	▪		1350	10.0	0898 154	360.00
	▪		1450	10.0	0898 158	385.00
	▪		1550	10.0	0898 162	620.00
	▪		1650	10.0	0898 166	650.00
	▪		1750	10.0	0898 170	675.00
	▪		1850	10.0	0898 174	705.00
	▪		1950	10.0	0898 178	735.00



Precision micrometer for thread flank measurement 0870

HP

DIN
863



Specification

- DIN 863
- Reading 0.01 mm
- Reading parts are satin chrome plated
- Spindle is made of special steel
- Locking lever
- Friction coupling
- Thermally insulated
- Coated frame
- Setting standard not included
- Thread flank inserts are not included
- Thread flank inserts and setting standards must be ordered separately
- Packaging: Wooden case




			Measuring range mm	Spindle dia. mm	Spindle adjustment mm	Thimble dia. mm	Pitch mm	Maximum error mm	Required length of setting standard mm	Ref. No.	List price Euro
For inserts with shank dimensions, dia. 3.5 x 13.5 mm:											
			0 - 25	6.5	25	20	0.5	3	—	0870 301	295.00
			25 - 50	6.5	25	20	0.5	3	25	0870 302	299.00
			50 - 75	6.5	25	20	0.5	4	50	0870 303	325.00
			75 - 100	6.5	25	20	0.5	4	75	0870 304	359.00
			100 - 125	6.5	25	20	0.5	4	100	0870 305	389.00
			125 - 150	6.5	25	20	0.5	4	125	0870 306	435.00
			150 - 200	8.0	50	20	0.5	5	175	0870 307	609.00
			200 - 250	8.0	50	20	0.5	5	225	0870 309	665.00
			250 - 300	8.0	50	20	0.5	5	275	0870 311	730.00

Thread flank inserts for external measurement 0870



Specification

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

			Flank angle	Applicable for UNC, UNF 60°	Pitch mm	Pitch range TPI mm	Ref. No.	List price Euro
Metric ISO - threads:								
			60°	72 - 48	0.35 - 0.5		0870 901	87.00
			60°	44 - 32	0.6 - 0.8		0870 903	79.00
			60°	28 - 18	0.9 - 1.25		0870 905	79.00
			60°	16 - 11	1.5 - 2		0870 907	79.00
			60°	10 - 7	2.5 - 3.5		0870 909	79.00
			60°	6 - 4	4 - 6		0870 911	87.00
Whitworth - threads:								
			55°			60 - 48	0870 921	106.00
			55°			40 - 32	0870 923	86.00
			55°			28 - 22	0870 925	86.00
			55°			20 - 16	0870 927	86.00
			55°			14 - 11	0870 929	86.00
			55°			10 - 7	0870 931	86.00
			55°			6 - 4	0870 933	93.00
Metric ISO - Trapezoid threads (DIN 103):								
			30°		1.5		0870 941	282.00
			30°		2		0870 943	205.00
			30°		3		0870 945	179.00
			30°		4		0870 947	179.00
			30°		5 - 6		0870 949	179.00
			30°		7 - 8		0870 951	179.00
			30°		9 - 10		0870 953	205.00
			30°		12 - 14		0870 955	282.00



Thread flank setting standards for external measurement 0870



Specification

- Measuring faces made of hardened special steel
 - One end is rounded, the lapped bore simplifies the fitting upon the conical insert
 - Thermally insulated handle
- **Note:** With trapezoid treads, every pitch requires a separate setting standard

			Length	Maximum error $\pm \mu\text{m}$	Available for the following pitches mm	Ref. No.	List price Euro
Metric ISO - threads 60°:							
			25	3		0870 801	69.00
			50	3		0870 802	70.00
			75	3		0870 803	71.00
			100	4		0870 804	72.00
			125	4		0870 805	73.00
			175	4		0870 807	82.00
			225	4		0870 809	91.00
			275	4		0870 811	99.00
Whitworth - threads 55°:							
			25	3		0870 821	69.00
			50	3		0870 822	70.00
			75	3		0870 823	71.00
			100	4		0870 824	76.00
			125	4		0870 825	77.00
			175	4		0870 827	89.00
			225	4		0870 829	102.00
			275	4		0870 831	116.00
Metric ISO - Trapezoid threads 30° (DIN 103):							
			25	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 841	152.00
			50	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 842	155.00
			75	4	2 / 3 / 4 / 5 - 6 / 7 - 8 / 9 - 10	0870 843	159.00
			100	5	3 / 4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 844	167.00
			125	5	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 845	179.00
			175	5	4 / 5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 847	215.00
			225	5	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 849	263.00
			275	5	5 - 6 / 7 - 8 / 9 - 10 / 12 - 14	0870 851	321.00



Disc micrometer 0864 to measure tooth span



**DIN
863**

Specification

- DIN 863
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Modul 0.8 - 6
- Ratchet stop
- Hardened measuring faces
- Locking lever
- Friction coupling
- Thermally insulated
- Packaging: Wooden case

Home	QuickLock	QuickStart	Measuring range mm	Measuring faces dia. mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	25.0	20.0	0.5	0864 321	221.00
▪			25 - 50	25.0	20.0	0.5	0864 322	248.00
▪			50 - 75	25.0	20.0	0.5	0864 323	256.00
▪			75 - 100	25.0	20.0	0.5	0864 324	305.00
			100 - 125	25.0	20.0	0.5	0864 325	315.00
			125 - 150	25.0	20.0	0.5	0864 326	371.00
			150 - 175	25.0	20.0	0.5	0864 327	393.00
			175 - 200	25.0	20.0	0.5	0864 328	425.00

DIGI-MET® Disc micrometer 0933 to measure tooth span



OPTO

Specification

- Factory standard
- Selectable resolution 0.01 mm / 0.001 mm; 0.0005 inch / 0.00005 inch
- LCD display 6 mm
- Positive counting direction
- Non-rotating spindle
- Linear measuring system
- Locking lever
- Thermally insulated
- Ratchet stop
- possible to measure from module 0.4 mm
- Packaging: Wooden case
- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Enter tolerance value

Electronic functions

Home	QuickLock	QuickStart	Measuring range mm	Measuring range inch	Module	Spindle dia. mm	Disc dia. mm	Pitch mm	Ref. No.	List price Euro
▪			0 - 25	0 - 1	0.4	8	25	1	0933 701	688.00
▪			25 - 50	1 - 2	0.4	8	25	1	0933 702	766.00
▪			50 - 75	2 - 3	0.4	8	25	1	0933 703	807.00
▪			75 - 100	3 - 4	0.4	8	25	1	0933 704	828.00
			100 - 125	4 - 5	0.6	8	30	1	0933 705	860.00
			125 - 150	5 - 6	0.6	8	30	1	0933 706	923.00
			150 - 175	6 - 7	0.6	8	30	1	0933 707	996.00
			175 - 200	7 - 8	0.6	8	30	1	0933 708	1,028.00

Accessories

	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



Internal micrometer 0884 with measuring jaws

HP

DIN
863



Specification

- DIN 863
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- Forward friction coupling
- Cylindrical carbide tipped measuring faces
- Measuring jaws on both sides
- **Divisions on both sides**
- Packaging: Wooden case

Home	Calibration	Weight	Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			5 - 55	20	0.5	0884 501	646.00

Internal micrometer 0885 with measuring jaws

HP

DIN
863-4



Specification

- DIN 863-4
- Reading: 0.01 mm
- Readings parts and body are satin chrome plated
- Ratchet stop
- Carbide measuring faces
- Excludes setting ring
- Packaging: Wooden case

Home	Calibration	Weight	Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			5 - 30	17	0.5	0885 501	159.00
▪			25 - 50	17	0.5	0885 502	177.00
▪			50 - 75	17	0.5	0885 503	184.00
▪			75 - 100	17	0.5	0885 504	222.00
			100 - 125	17	0.5	0885 505	282.00
			125 - 150	17	0.5	0885 506	326.00
			150 - 175	17	0.5	0885 507	415.00
			175 - 200	17	0.5	0885 508	471.00

Thread micrometer 0868 for internal thread measurement

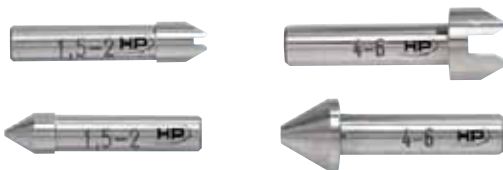
**DIN
863**



Specification

- DIN 863
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- With locking device
- With mounting bore dia. 3.5 mm
- Parallax-free reading
- Ideal for internal thread measurement in conjunction with interchangeable measuring inserts
- Packaging: Wooden case

			Measuring range mm	Thimble dia. mm	Pitch mm	Length of shank mm	Ref. No.	List price Euro
Jaw type for internal measurement:								
			20 - 45	19	0.5	5	0868 321	739.00
			45 - 70	19	0.5	5	0868 322	756.00



			Flank angle	Shank dimension mm	Pitch mm	Ref. No.	List price Euro
Metric ISO - threads:							
			60°	3.5 x 5.0	0.35	0869 341*	285.00
			60°	3.5 x 5.0	0.4 - 0.45	0869 342	187.00
			60°	3.5 x 5.0	0.5 - 0.6	0869 343	187.00
			60°	3.5 x 5.0	0.7 - 0.8	0869 344	187.00
			60°	3.5 x 5.0	1.0 - 1.25	0869 345	187.00
			60°	3.5 x 5.0	1.5 - 1.75	0869 346	187.00
			60°	3.5 x 5.0	2.0 - 2.5	0869 347	187.00
			60°	3.5 x 5.0	3.0 - 3.5	0869 348	187.00
			60°	3.5 x 5.0	4.0 - 5.0	0869 349	187.00
			60°	3.5 x 5.0	5.5 - 6.0	0869 350	187.00

Whitworth - threads:							
			55°	3.5 x 5.0	60 - 48	0869 361	187.00
			55°	3.5 x 5.0	40 - 32	0869 362	187.00
			55°	3.5 x 5.0	28 - 22	0869 363	187.00
			55°	3.5 x 5.0	20 - 16	0869 364	187.00
			55°	3.5 x 5.0	14 - 11	0869 365	187.00
			55°	3.5 x 5.0	10 - 8	0869 366	187.00
			55°	3.5 x 5.0	7 - 6	0869 367	187.00
			55°	3.5 x 5.0	5 - 4	0869 368	187.00
			55°	3.5 x 5.0	3 1/2 - 2 3/4	0869 369	187.00
			55°	3.5 x 5.0	2 5/8 - 2	0869 370	187.00

* With 0869 341 the V-anvil spans over 3 leads. The setting is conducted with a thread plug gauge / ring.

Each time the measuring inserts are changed, the micrometer has to be readjusted.

Internal thread measuring inserts cannot be used for external thread measurement.



Thread micrometer 0868 for internal thread measurement



**DIN
863**



Cylindrical

Specification

- DIN 863
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- With locking device
- With mounting bore dia. 3.5 mm
- Parallax-free reading
- Ideal for internal thread measurement in conjunction with interchangeable measuring inserts
- Packaging: Wooden case

Home	Double Arrow	Scale	Measuring range mm	Thimble dia. mm	Pitch mm	Length of shank mm	Ref. No.	List price Euro
Jaw type for internal measurement:								
			70 - 95	19	0.5	13.5	0868 323	768.00
			95 - 120	19	0.5	13.5	0868 324	799.00
Internal threads, cylindrical:								
			100 - 125	19	0.5	13.5	0868 331	443.00
			125 - 150	19	0.5	13.5	0868 332	453.00
			150 - 175	19	0.5	13.5	0868 333	473.00
			175 - 200	19	0.5	13.5	0868 334	490.00

Home	Double Arrow	Scale	Flank angle	Shank dimension mm	Pitch mm	Ref. No.	List price Euro
Metric ISO - threads:							
			60°	3.5 x 13.5	0.35	0869 301*	258.00
			60°	3.5 x 13.5	0.4 - 0.45	0869 302	165.00
			60°	3.5 x 13.5	0.5 - 0.6	0869 303	165.00
			60°	3.5 x 13.5	0.7 - 0.8	0869 304	165.00
			60°	3.5 x 13.5	1.0 - 1.25	0869 305	165.00
			60°	3.5 x 13.5	1.5 - 1.75	0869 306	165.00
			60°	3.5 x 13.5	2.0 - 2.5	0869 307	165.00
			60°	3.5 x 13.5	3.0 - 3.5	0869 308	165.00
			60°	3.5 x 13.5	4.0 - 5.0	0869 309	165.00
			60°	3.5 x 13.5	5.5 - 6.0	0869 310	165.00
Whitworth - threads:							
			55°	3.5 x 13.5	60 - 48	0869 321	165.00
			55°	3.5 x 13.5	40 - 32	0869 322	165.00
			55°	3.5 x 13.5	28 - 22	0869 323	165.00
			55°	3.5 x 13.5	20 - 16	0869 324	165.00
			55°	3.5 x 13.5	14 - 11	0869 325	165.00
			55°	3.5 x 13.5	10 - 8	0869 326	165.00
			55°	3.5 x 13.5	7 - 6	0869 327	165.00
			55°	3.5 x 13.5	5 - 4	0869 328	165.00
			55°	3.5 x 13.5	3 1/2 - 2 3/4	0869 329	165.00
			55°	3.5 x 13.5	2 5/8 - 2	0869 330	165.00

* With 0869 301 the V-anvil spans over 3 leads. The setting is conducted with a thread plug gauge / ring.

Each time the measuring inserts are changed, the micrometer has to be readjusted.

Internal thread measuring inserts cannot be used for external thread measurement.



Internal micrometer 0888 cylindrical version



DIN
863-4

Specification

- DIN 863-4
- Reading: 0.01 mm
- Reading parts are satin chrome plated
- 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
- Packaging: Wooden case

			Measuring range mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			25 - 30	15	0.5	0888 501	125.00
▪			30 - 35	15	0.5	0888 502	125.00
▪			35 - 50	15	0.5	0888 503	125.00
▪			50 - 75	16	0.5	0888 504	131.00
▪			75 - 100	17	0.5	0888 505	136.00
			100 - 125	20	0.5	0888 506	151.00
			125 - 150	20	0.5	0888 507	155.00
			150 - 175	20	0.5	0888 508	161.00
			175 - 200	20	0.5	0888 509	166.00
			200 - 225	20	0.5	0888 510	171.00
			225 - 250	20	0.5	0888 511	177.00
			250 - 275	20	0.5	0888 512	184.00
			275 - 300	20	0.5	0888 513	189.00
			300 - 325	20	0.5	0888 514	196.00
			325 - 350	20	0.5	0888 515	202.00
			350 - 375	20	0.5	0888 516	209.00
			375 - 400	20	0.5	0888 517	214.00
			400 - 425	20	0.5	0888 518	224.00
			425 - 450	20	0.5	0888 519	229.00
			450 - 475	20	0.5	0888 520	234.00
			475 - 500	20	0.5	0888 521	240.00

Holder for internal micrometers



Specification

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

			Ref. No.	List price Euro
▪			0888 101	39.20



Internal micrometer 0892 interchangeable extensions

HP

DIN
863-4



Specification

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

Home	Calibration	Weight	Measuring range mm	Extension rods mm	Thimble dia. mm	Pitch mm	Ref. No.	List price Euro
▪			50 - 150	25 / 50	17	0.5	0892 501	309.00
▪			50 - 250	25 / 50 / 100	17	0.5	0892 502	376.00
▪			50 - 450	25 / 50 / 100 / 200	17	0.5	0892 503	464.00
▪			50 - 850	25 / 50 / 100 / 200 / 400	17	0.5	0892 504	583.00
▪			50 - 1450	25 / 50 / 100 / 200 / 400 / 600	17	0.5	0892 505	740.00

Extensions for internal micrometers

HP



0892 334

Home	Calibration	Weight	Length mm	Ref. No.	List price Euro
▪			25	0892 332	52.00
▪			50	0892 333	53.00
▪			100	0892 334	59.00
▪			200	0892 336	72.00
▪			400	0892 339	95.00
▪			600	0892 340	133.00



Precision internal micrometer with extensions 0894



**DIN
863**

Specification

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

Home	No. of points	Waterproof	Measuring range of the set mm	Max.imum error µm	Length of extensions (tube dia. 17 mm) mm	Length of extensions (tube dia. 32 mm) mm	Ref. No.	List price
								Euro
			100 - 150	4	only micrometer, excludes case	—	0894 504	223.00
			100 - 300	7	50 / 100	—	0894 510	589.00
			100 - 500	9	50 / 100 / 200	—	0894 514	793.00
			100 - 900	11	50 / 100 / 200 / 400	—	0894 518	1,025.00
			100 - 1300	13	50 / 100 / 200 / 400 / 400	—	0894 522	1,260.00
			100 - 1700	15	50 / 100 / 200 / 400 / 800	—	0894 526	1,295.00
			100 - 2100	18*	50 / 100 / 200 / 400 / 400 / 800	—	0894 530	1,525.00
			100 - 2500	21*	50 / 100 / 200 / 400 / 800 / 800	—	0894 534	1,565.00
			100 - 2000	18	50 / 100 / 200 / 200	500 / 1 x 1000	0894 538	2,730.00
			100 - 3000	30	50 / 100 / 200 / 200	500 / 2 x 1000	0894 542	3,560.00
			100 - 4000	40*	50 / 100 / 200 / 200	500 / 3 x 1000	0894 546	4,420.00
			100 - 5000	50*	50 / 100 / 200 / 200	500 / 4 x 1000	0894 550	5,250.00
			100 - 6000	60*	50 / 100 / 200 / 200	500 / 5 x 1000	0894 554	6,090.00

* 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.

Individual extensions 0894



Home	No. of points	Waterproof	Length mm	Tube dia. mm	Ref. No.	List price
						Euro
			50	17	0894 804	159.00
			100	17	0894 806	180.00
			200	17	0894 810	195.00
			400	17	0894 820	215.00
			800	17	0894 834	245.00
			500	32	0894 854	805.00
			1000	32	0894 872	830.00



2/3 Point internal micrometer 0906

HP

DIN
863-4



Specification

- DIN 863-4
- Reading: 0.005 mm
- Reading parts are satin chrome plated
- Pitch: 0.5 mm
- From measuring range 12.5 mm with carbide tipped measuring faces
- Ratchet stop
- For through holes
- For through holes and blind holes from measuring range 12.5 mm
- Certificate for setting ring and internal micrometer
- Packaging:
Up to measuring range 20-25 mm = Plastic case.
From measuring range 25-35 mm = Wooden case




Home	Navigation	Measurement	Measuring range mm	Meas. depth mm	Thimble mm	Accuracy mm	Setting ring dia. mm	Ref. No.	List price Euro
2 Point internal micrometer:									
▪	▪		2 - 2.5	12	27	0.003	2.5	0906 501	783.00
▪	▪		2.5 - 3	12	27	0.003	2.5	0906 502	783.00
▪	▪		3 - 4	12	27	0.003	4.0	0906 503	700.00
▪	▪		4 - 5	20	27	0.003	4.0	0906 504	700.00
▪	▪		5 - 6	20	27	0.003	5.0	0906 505	700.00
3 Point internal micrometer:									
▪	▪		6 - 8	58	27	0.003	8.0	0906 506	336.00
▪	▪		8 - 10	58	27	0.003	8.0	0906 507	309.00
▪	▪		10 - 12.5	58	27	0.003	12.5	0906 508	309.00
▪	▪		12.5 - 16	62	27	0.003	12.5	0906 509	309.00
▪	▪		16 - 20	62	27	0.003	20.0	0906 510	315.00
▪	▪		20 - 25	66	27	0.003	20.0	0906 511	347.00
▪	▪		25 - 35	66	27	0.003	35.0	0906 512	496.00
▪	▪		35 - 50	80	27	0.003	35.0	0906 513	505.00
▪	▪		50 - 65	80	27	0.004	65.0	0906 514	604.00
▪	▪		65 - 80	80	27	0.004	65.0	0906 515	604.00
▪	▪		80 - 100	100	27	0.004	80.0	0906 516	767.00
▪	▪		100 - 125	115	27	0.005	125.0	0906 517	772.00
▪	▪		125 - 150	115	27	0.005	125.0	0906 518	902.00
▪	▪		150 - 175	115	27	0.005	175.0	0906 519	1,146.00
▪	▪		175 - 200	115	27	0.005	175.0	0906 520	1,414.00
▪	▪		200 - 225	115	27	0.005	225.0	0906 521	1,764.00
▪	▪		225 - 250	115	27	0.005	225.0	0906 522	1,877.00
▪	▪		250 - 275	115	27	0.005	275.0	0906 523	1,986.00
▪	▪		275 - 300	115	27	0.005	275.0	0906 524	2,074.00

Set of 2/3 point internal micrometers 0906



Specification

- DIN 863-4
 - Reading: 0.005 mm
 - Reading parts are satin chrome plated
 - Pitch: 0.5 mm
 - From measuring range 12.5 mm with carbide tipped measuring faces
 - Ratchet stop
 - For through holes
 - For through holes and blind holes from measuring range 12.5 mm
 - Certificate for setting ring and internal micrometer
- Packaging: Wooden case




			Measuring range mm	Thimble mm	Setting ring dia. mm	Ref. No.	List price Euro
2 Point internal micrometer:							
	▪		2 - 3	27	2.5	0906 551	1,426.00
	▪		3 - 6	27	4.0	0906 552	1,931.00
3 Point internal micrometer:							
	▪	▪	6 - 10	27	8.0	0906 553	563.00
	▪	▪	10 - 20	27	12.5 + 20.0	0906 555	841.00
	▪	▪	20 - 50	27	20.0 + 35.0	0906 557	1,326.00
	▪	▪	50 - 100	27	65.0 + 80.0	0906 559	1,802.00
	▪		100 - 150	27	125.0	0906 561	1,349.00
	▪		150 - 200	27	175.0	0906 563	1,921.00

Extensions for 2/3 point internal micrometers



Specification

- Ideal for all internal micrometers from series 0906, 0907 and 0908
- Packaging: Individually packed

			For measuring range mm	Length mm	Ref. No.	List price Euro
			6 - 10	63	0909 506	73.00
			10 - 12.5	76	0909 508	73.00
			12.5 - 20	100	0909 509	73.00
			20 - 50	150	0909 511	107.00
			50 - 300	150	0909 514	126.00



DIGI-MET[®] 2/3 point internal micrometer 0907

HP



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP 65
- LCD display 6 mm
- Certificate for setting ring and internal micrometer
- Ratchet stop
- For through holes
- For through holes and blind holes from measuring range 12.5 mm
- From measuring range 12.5 mm with carbide tipped measuring faces
- Packaging: Wooden case

Electronic functions

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

			Measuring range		Meas. depth		Accuracy		Setting ring dia.		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch	mm	inch		
DIGI-MET 2 Point internal micrometer:												
	▪		2 - 2.5	.080 - .100	9	0.35	0.004	.00015	2.5	.1000	0907 701	1,343.00
	▪		2.5 - 3	.100 - .120	9	0.35	0.004	.00015	2.5	.1000	0907 702	1,343.00
	▪		3 - 4	.120 - .160	12	0.47	0.004	.00015	4.0	.1600	0907 703	1,343.00
	▪		4 - 5	.160 - .200	18	0.70	0.004	.00015	4.0	.1600	0907 704	1,343.00
	▪		5 - 6	.200 - .250	18	0.70	0.004	.00015	5.0	.2000	0907 705	1,343.00
DIGI-MET 3 Point internal micrometer:												
	▪	▪	6 - 8	1/4 - 5/16	58	2.28	0.004	.00015	8.0	.312	0907 706	928.00
	▪	▪	8 - 10	5/16 - 3/8	58	2.28	0.004	.00015	8.0	.312	0907 707	928.00
	▪	▪	10 - 12.5	3/8 - 1/2	58	2.28	0.004	.00015	12.5	.500	0907 708	939.00
	▪	▪	12.5 - 16	1/2 - 5/8	62	2.44	0.004	.00015	12.5	.500	0907 709	953.00
	▪	▪	16 - 20	5/8 - 3/4	62	2.44	0.004	.00015	20.0	.750	0907 710	953.00
	▪	▪	20 - 25	3/4 - 1	66	2.62	0.004	.00015	20.0	.750	0907 711	1,144.00
	▪	▪	25 - 35	1 - 1 3/8	66	2.62	0.004	.00015	35.0	1.375	0907 712	1,315.00
	▪	▪	35 - 50	1 3/8 - 2	80	3.15	0.004	.00015	35.0	1.375	0907 713	1,367.00
	▪	▪	50 - 65	2 - 2 5/8	80	3.15	0.005	.00020	65.0	2.625	0907 714	1,521.00
	▪	▪	65 - 80	2 5/8 - 3 1/4	80	3.15	0.005	.00020	65.0	2.625	0907 715	1,521.00
	▪	▪	80 - 100	3 1/4 - 4	100	3.94	0.005	.00020	80.0	3.250	0907 716	1,603.00
	▪	▪	100 - 125	4 - 5	115	4.53	0.006	.00025	125.0	5.000	0907 717	1,671.00
	▪	▪	125 - 150	5 - 6	115	4.53	0.006	.00025	125.0	5.000	0907 718	1,724.00
	▪	▪	150 - 175	6 - 7	115	4.53	0.007	.00030	175.0	7.000	0907 719	1,885.00
	▪	▪	175 - 200	7 - 8	115	4.53	0.007	.00030	175.0	7.000	0907 720	2,004.00
	▪	▪	200 - 225	8 - 9	118	4.65	0.008	.00030	225.0	9.000	0907 721	2,429.00
	▪	▪	225 - 250	9 - 10	118	4.65	0.008	.00030	225.0	9.000	0907 722	2,677.00
	▪	▪	250 - 275	10 - 11	118	4.65	0.009	.00035	275.0	11.000	0907 723	2,775.00
	▪	▪	275 - 300	11 - 12	118	4.65	0.009	.00035	275.0	11.000	0907 724	3,031.00

Accessories

Cable RS 232

Ref. No.

0909 110

List price

Euro

96.00



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






Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP 65
- LCD display 6 mm
- Certificate for setting ring and internal micrometers
- Ratchet stop
- For through holes
- For through holes and blind holes from measuring range 12.5 mm
- From measuring range 12.5 mm with carbide tipped measuring faces
- Packaging: Wooden case

Electronic functions

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

			Measuring range mm	Setting ring dia. mm	Ref. No.	List price Euro
2 Point internal micrometer:						
▪	▪		2 - 6	2.5 / 4.0 / 5.0	0907 751	3,218.00
3 Point internal micrometer:						
▪	▪		6 - 10	8.0	0907 753	1,283.00
▪	▪		10 - 20	12.5 / 20.0	0907 755	1,552.00
▪	▪		20 - 50	20.0 / 35.0	0907 757	2,139.00
▪	▪		50 - 100	65.0 / 80.0	0907 759	2,379.00
	▪		100 - 150	125.0	0907 761	1,996.00
	▪		150 - 200	125.0	0907 763	2,668.00
	▪		100 - 200	125.0 / 175.0	0907 775	4,190.00

Accessories

	Ref. No.	List price Euro
Cable RS 232	0909 110	96.00



DIGI-MET® 2/3 point internal micrometer 0908

HP



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP 65
- With pistol grip
- From measuring range 12.5 mm with carbide tipped measuring faces
- Rotatable LCD display
- Certificate for setting ring and micrometer
- For through holes
- For through holes and blind holes from measuring range 12.5 mm
- Packaging: Wooden case

Electronic functions

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

			Measuring range		Meas. depth		Accuracy		Setting rings dia.		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch	mm	inch		
DIGI-MET 2 Point instant internal micrometer:												
▪	▪		2 - 2.5	.080 - .100	9	.35	0.004	.00015	2.5	.1000	0908 701	1,549.00
▪	▪		2.5 - 3	.100 - .120	9	.35	0.004	.00015	2.5	.1000	0908 702	1,549.00
▪	▪		3 - 4	.120 - .160	12	.47	0.004	.00015	4.0	.1600	0908 703	1,549.00
▪	▪		4 - 5	.160 - .200	18	.70	0.004	.00015	4.0	.1600	0908 704	1,549.00
▪	▪		5 - 6	.200 - .250	18	.70	0.004	.00015	5.0	.2000	0908 705	1,549.00
DIGI-MET 3 Point instant internal micrometer:												
▪	▪		6 - 8	1/4 - 5/16	58	2.28	0.004	.00015	8.0	.312	0908 706	1,095.00
▪	▪		8 - 10	5/16 - 3/8	58	2.28	0.004	.00015	8.0	.312	0908 707	1,070.00
▪	▪		10 - 12.5	3/8 - 1/2	58	2.28	0.004	.00015	12.5	.500	0908 708	1,130.00
▪	▪		12.5 - 16	1/2 - 5/8	62	2.44	0.004	.00015	12.5	.500	0908 709	1,146.00
▪	▪		16 - 20	5/8 - 3/4	62	2.44	0.004	.00015	20.0	.750	0908 710	1,215.00
▪	▪		20 - 25	3/4 - 1	66	2.62	0.004	.00015	20.0	.750	0908 711	1,297.00
▪	▪		25 - 35	1 - 1 3/8	66	2.62	0.004	.00015	35.0	1.375	0908 712	1,408.00
▪	▪		35 - 50	1 3/8 - 2	80	3.15	0.004	.00015	35.0	1.375	0908 713	1,438.00
▪	▪		50 - 65	2 - 2 5/8	80	3.15	0.005	.00020	65.0	2.625	0908 714	1,481.00
▪	▪		65 - 80	2 5/8 - 3 1/4	80	3.15	0.005	.00020	65.0	2.625	0908 715	1,481.00
▪	▪		80 - 100	3 1/4 - 4	100	3.94	0.005	.00020	80.0	3.250	0908 716	1,579.00
▪	▪		100 - 125	4 - 5	115	4.53	0.006	.00025	125.0	5.000	0908 717	1,652.00
▪	▪		125 - 150	5 - 6	115	4.53	0.006	.00025	125.0	5.000	0908 718	1,752.00
▪	▪		150 - 175	6 - 7	115	4.53	0.007	.00030	175.0	7.000	0908 719	1,853.00
▪	▪		175 - 200	7 - 8	115	4.53	0.007	.00030	175.0	7.000	0908 720	1,936.00
▪	▪		200 - 225	8 - 9	118	4.65	0.008	.00030	225.0	9.000	0908 721	2,548.00
▪	▪		225 - 250	9 - 10	118	4.65	0.008	.00030	225.0	9.000	0908 722	2,810.00
▪	▪		250 - 275	10 - 11	118	4.65	0.009	.00035	275.0	11.000	0908 723	2,912.00
▪	▪		275 - 300	11 - 12	118	4.65	0.009	.00035	275.0	11.000	0908 724	3,214.00

Accessories

Cable RS 232

Ref. No.

0909 110

List price Euro

96.00

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



Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP 65
- With pistol grip
- From measuring range 12.5 mm with carbide tipped measuring faces
- Rotatable LCD display
- Certificate for setting ring and micrometer
- For through holes
- For through holes and blind holes from measuring range 12.5 mm
- Packaging: Wooden case

Electronic functions

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

			Measuring range		Setting rings dia. mm	Ref. No.	List price Euro
			mm	inch			
2 Point instant internal micrometer:							
▪	▪		2 - 6	.080 - .250	2.5 / 4.0 / 5.0	0908 751	3,540.00
3 Point instant internal micrometer:							
▪	▪		6 - 10	1/4 - 3/8	8.0	0908 753	1,328.00
▪	▪		10 - 20	3/8 - 1/2	12.5 / 20.0	0908 755	1,569.00
▪	▪		20 - 50	3/4 - 2	20.0 / 35.0	0908 757	2,056.00
▪	▪		20 - 100	3/4 - 4	20.0 / 35.0 / 65.0 / 80.0	0908 773	3,412.00
▪	▪		50 - 100	2 - 4	65.0 / 80.0	0908 759	2,302.00
▪	▪		100 - 150	4 - 6	125.0	0908 761	2,056.00
▪	▪		150 - 200	6 - 8	175.0	0908 763	2,747.00
▪	▪		100 - 200	4 - 8	125.0 / 175.0	0908 775	4,350.00

Accessories

Cable RS 232

Ref. No.

0909 110

List price

Euro

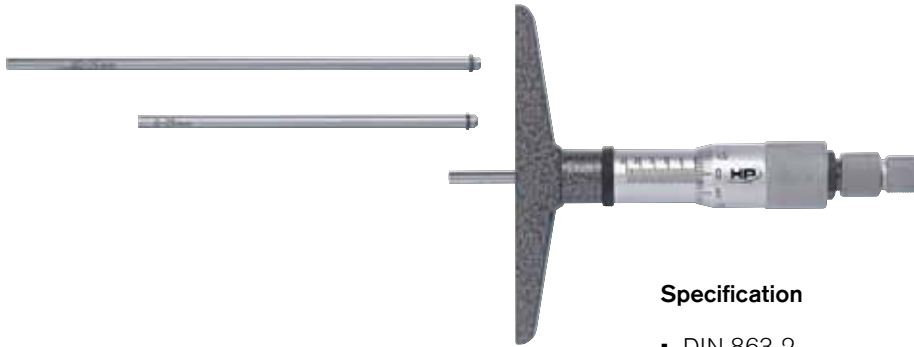
96.00



Depth micrometer 0882

HP

DIN
863-2



Specification

- DIN 863-2
 - Reading: 0.01 mm
 - Reading parts are satin chrome plated
 - Locking ring
 - Friction coupling
 - With interchangeable steel measuring inserts dia. 4 mm
- Packaging: Wooden case

			Measuring range mm	Length of base mm	Thimble dia. mm	Inserts	Pitch mm	Ref. No.	List price Euro
Measuring faces dia. 0.8, length 8.5 mm:									
▪			0 - 75	50	20	3	0.5	0882 301	232.00
▪			0 - 100	100	20	4	0.5	0882 303	256.00
▪			0 - 150	100	20	6	0.5	0882 304	300.00
▪			0 - 300	100	20	12	0.5	0882 306	483.00



Connecting cable for DIGI-MET® instruments



0996 701

Specification

- For RS 232 interface
- With Opto coupling
- Suitable for all DIGI-MET measuring instruments
- Length: 2 m

Accessories

	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50

Replacement battery for DIGI-MET® instruments











Specification

- 3V-Lithium

	Ref. No.	List price Euro
Battery, 3V - Lithium, CR 2032	0220 704	3.40



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
	Data output: OPTO or Data variable
	Accuracy according to DIN



CHAPTER 3 - DIAL INDICATORS AND INDICATING MEASURING INSTRUMENTS

Digital indicators	3/2
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DIGI-MET® indicator 1722 / 1723 / 1724

HP



1722 502



1723 502



1724 502

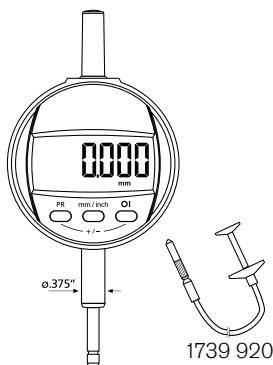
Specification

- Housing diameter 60 mm
- Replacement probe tips M 2.5 mm
- Protection class IP 52 in accordance to IEC 60529
- Clamping shank dia. 8 mm
- LCD display 12 mm
- Measuring force 0.5 - 1 N
- Accuracy according to factory standard
- Packaging: Cardboard box

Functions

- ON/OFF switch
- **QuickStart** Electronic
- **QuickLock** Electronic
- Zero setting at any position
- Reversal of counting direction
- mm/inch conversion
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function/ Setting a numerical value

			Measuring range		Reading		Accuracy	Ref. No.	List price Euro
			mm	inch	mm	inch	mm		
▪			12.5	0.5	0.01	.0005	0.020	1722 502	125.00
▪			12.5	0.5	0.005	.0001	0.015	1723 502	157.00
▪			12.5	0.5	0.001	.00005	0.015	1724 502	257.00



Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60
Cable release	1739 920	13.00





DIGI-MET® indicator 1726 / 1728



1726 502



1728 506

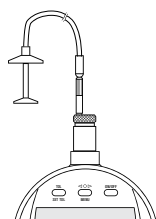
Specification

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) dia. 60 mm
- Replacement probe tips M 2.5 mm
- Protection class IP 42
- Clamping shank dia. 8 mm h 6
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard
- Packaging: Cardboard box

Functions

- ON/OFF switch
- QuickStart** Electronic
- QuickLock** Electronic
- Zero setting at any position
- mm/inch conversion
- Absolute Function (display can be set to zero without losing the Preset value)
- Tolerance Function
- Reversal of counting direction
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function (Setting a numerical value)

Icon	Measuring range		Reading		Accuracy		Ref. No.	List price Euro
	mm	inch	mm	inch	mm	inch		
▪	12.5	0.5	0.001	.00005	0.005	.0002	1726 502	301.00
▪	25.0	1.0	0.001	.00005	0.005	.0002	1726 506	331.00
	50.0	2.0	0.001	.00005	0.008	.0003	1726 510	584.00
	100.0	4.0	0.001	.00005	0.009	.0004	1726 514	722.00
▪	12.5	0.5	0.01	.0005	0.02	.001	1728 502	251.00
▪	25.0	1.0	0.01	.0005	0.02	.001	1728 506	320.00
	50.0	2.0	0.01	.0005	0.02	.001	1728 510	522.00
	100.0	4.0	0.01	.0005	0.02	.001	1728 514	669.00



1739 910

Accessories

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2450	1998 770	5.10
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60
Cable release	1739 910	23.10



DIGI-MET® indicator 1730 / 1732

HP



1730 502



1730 506

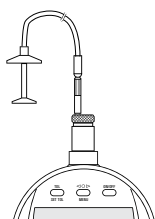
Specification

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) dia. 60 mm
- Replacement probe tips M 2.5 mm
- Protection class IP 54
- Clamping shank dia. 8 mm h 6
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard
- Packaging: Cardboard box

Functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Electronic
- Zero setting at any position
- mm/inch conversion
- Absolute Function (display can be set to zero without losing the Preset value)
- Tolerance Function
- Reversal of counting direction
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function (Setting a numerical value)

House	Marked *	Marked *	Measuring range		Reading		Accuracy		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
▪			12.5	0.5	0.001	.00005	0.005	.0002	1730 502	333.00
▪			25.0	1.0	0.001	.00005	0.005	.0002	1730 506	376.00
			12.5	0.5	0.01	.0005	0.02	.001	1732 502	281.00
			25.0	1.0	0.01	.0005	0.02	.001	1732 506	354.00



1739 910

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2450	1998 770	5.10
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60
Cable release	1739 910	23.10



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



1734 502



1734 506

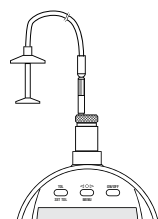
Specification

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) dia. 60 mm
- Replacement probe tips M 2.5 mm
- Protection class IP 42
- Clamping shank dia. 8 mm h 6
- Display unit can be rotated through 280°
- LCD display with 8.5 mm high numerals
- Factory standard
- Packaging: Cardboard box

Functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Electronic
- Zero setting at any position
- mm/inch conversion
- Absolute Function (display can be set to zero without losing the Preset value)
- Tolerance Function
- MAX-MIN Function
- TIR (MAX-MIN) Function
- Reversal of counting direction
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function (Setting a numerical value)

	Measuring range	Reading		Accuracy		Ref. No.	List price Euro	
		mm	inch	mm	inch			mm
▪	12.5	0.5	0.001	.00005	0.005	.0002	1734 502	346.00
▪	25.0	1.0	0.001	.00005	0.005	.0002	1734 506	397.00



1739 910

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2450	1998 770	5.10
Cable for USB	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60
Cable release	1739 910	23.10



DIGI-MET® indicator 0691

HP



Specification

- Aluminium housing
- Hardened stainless steel spindle
- Outer ring (Bezel) dia. 60 mm
- Replacement probe tips M 2.5 mm
- Protection class IP 51
- Clamping shank dia. 8 mm h 6
- Display unit can be rotated through 270°
- Large LCD display
- Factory standard
- Packaging: Cardboard box

Functions

- ON/OFF switch
- Zero setting is possible in any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function
- PRESET Function (Setting a numerical value)

	Home	Lock	Bezel	Measuring range		Reading		Accuracy		Ref. No.	List price Euro
				mm	inch	mm	inch	mm	inch		
▪				12.5	0.5	0.001	.00005	0.005	.0002	0691 701	294.00
▪				25.0	1.0	0.001	.00005	0.005	.0002	0691 702	308.00
				50.0	2.0	0.001	.00005	0.012	.0005	0691 703	587.00
				100.0	4.0	0.001	.00005	0.012	.0005	0691 704	682.00
▪				12.5	0.5	0.01	.0005	0.01	.0005	0691 711	243.00
▪				25.0	1.0	0.01	.0005	0.01	.0005	0691 712	282.00
				50.0	2.0	0.01	.0005	0.02	.0001	0691 713	535.00
				100.0	4.0	0.01	.0005	0.02	.0001	0691 714	608.00



Accessories

	Ref. No.	List price Euro
Cable for Opto to RS 232, Length 2 m	0996 701	67.00
Cable for Opto to USB	0996 705	127.50





Small dial gauge 0701



Specification

- Lightweight housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Packaging: Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
Small dial gauge, factory standard								
▪			5	0.01	0.5	40	0701 101	35.00
Shockproof small dial gauge, factory standard								
▪			5	0.01	0.5	40	0701 102	43.00

Small dial gauge 0708



**DIN
878**



0708 102

Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- With a revolution counter
- DIN 878
- Packaging: Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
Small dial gauge:								
▪			5	0.01	0.5	40	0708 102	47.60
			3	0.01	0.5	32	0708 103	56.00
			3	0.01	0.5	40	0708 104	39.20
Shockproof small dial gauge:								
			3	0.01	0.5	40	0708 105	47.60
			5	0.01	0.5	40	0708 106	63.00



Dial gauge 0701

HP

**DIN
878**



Specification

- Measuring spindle is made of stainless steel
- Replacement probe tips M 2,5 mm
- Clamping shank dia. 8 mm h 6
- DIN 878
- Packaging: Individually packed

Home	Calibration	Weight	Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
Dial gauge, plastic housing								
▪			10	0.01	1	58	0701 103	19.30
Dial gauge, metal housing								
▪			10	0.01	1	58	0701 110	34.60
Shockproof dial gauge, injection-moulded housing								
▪			10	0.01	1	58	0701 106	20.40
Shockproof dial gauge, metal housing								
▪			10	0.01	1	58	0701 111	39.90

Dial gauge with extended measuring range 0703

HP



0703 101

Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2,5 mm
- Clamping shank dia. 8 mm h 6
- With a concentric pointer
- Factory standard
- Packaging: Individually packed

Home	Calibration	Weight	Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
▪			30	0.01	1	58	0703 101	84.00
▪			50	0.01	1	58	0703 104	117.00
▪			80	0.01	1	58	0703 107	236.00





Shockproof dial gauge 0704



**DIN
878**



0704 105

0704 109

Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Shockproof
- Packaging: Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
Revolution counter: DIN 878								
▪			10	0.01	1	58	0704 105	60.00
With fine adjustment of the pointer: DIN 878								
▪			10	0.01	1	58	0704 106	74.00
Concentric pointer: Factory standard								
			30	0.01	1	58	0704 109	97.00
			50	0.01	1	58	0704 110	125.00

Water and oil proof dial gauge 0707



**DIN
878**



Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Rubber bellows
- Shockproof
- Outer ring (Bezel) can be rotated through 360°
- DIN 878
- Packaging: Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
			10	0.01	1	61.5	0707 102	91.00



Dial gauge 0700

HP



0700 102

0700 104

Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Factory standard
- Packaging: Individually packed

Home	Marked *	Marked *	Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
▪			10	0.1	10	40	0700 100	51.00
▪			5	0.1	5	40	0700 101	51.00
▪			10	0.1	10	58	0700 102	39.70
Straight line revolution counter:								
			30	0.1	10	58	0700 104	45.50

Dial gauge 0702

HP



DIN
878

Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- With a concentric pointer
- DIN 878
- Packaging: Individually packed

Home	Marked *	Marked *	Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
▪			10	0.01	1	58	0702 106	52.00





Precision dial gauge 0705



Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- With revolution counter
- Factory standard
- Packaging: Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
			1	0.001	0.2	40	0705 102	93.00
			1	0.001	0.2	58	0705 104	93.00
			5	0.001	0.2	58	0705 105	97.00
Precision shockproof dial gauge:								
			1	0.001	0.2	40	0705 107	99.00
			5	0.001	0.2	58	0705 109	120.00

Error free, shockproof dial gauge 0706



Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Overtravel 9 mm
- DIN 878
- Packaging: Individually packed

**DIN
878**

			Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
			0.8	0.01	1	58	0706 102	60.00



Dial gauge with reverse action plunger 0709

HP



Specification

- Metal housing
- Measuring spindle is made of stainless steel
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Factory standard
- Packaging: Individually packed

Home	Double Arrow	Scale	Measuring range mm	Reading mm	Range per revolution mm	Outer ring (Bezel) dia. mm	Ref. No.	List price Euro
			3	0.01	0.5	40	0709 101	89.00

Dial comparator gauge 0712

HP

**DIN
879**



0712 121

0712 124

Specification

- Measuring spindle is made of hardened stainless steel
- Longer measuring spindle
- Replacement probe tips M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Tolerance markers
- Shockproof
- Fine adjustment
- DIN 879
- Packaging: Individually packed

Home	Double Arrow	Scale	Measuring range mm	Reading mm	Dial reading	Overtravel mm	Ref. No.	List price Euro
			0.5	0.01	25-0-25	2.5	0712 121	135.00
			0.1	0.001	50-0-50	3.0	0712 124	165.00





Magnetic back 0710

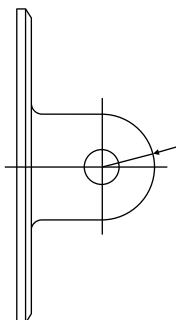


Specification

- For dial gauges mit outer ring (Bezel) dia. 58 mm
- Allows dial gauges to be used without a holder or a stand
- Cannot be used in conjunction with dial gauges 0701 103 and 0701 106 or digital gauges
- Packaging: Individually packed

			Ref. No.	List price Euro
			0710 101	43.80

Lug back 0710

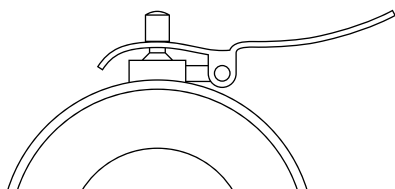


Specification

- Diameter 5 mm
- For retrofitting
- Cannot be used in conjunction with dial gauges 0701 103 and 0701 106 or digital gauges
- Packaging: Individually packed

			Ref. No.	List price Euro
For dial gauges with an outer ring (Bezel) dia. 40 mm:				
			0710 102	5.70
For dial gauges with an outer ring (Bezel) dia. 58 mm:				
			0710 103	5.90

Spindle lifting lever 0710



Specification

- For dial gauges with a measuring range max. 10 mm
- Cannot be used in conjunction with dial gauges 0701 103 and 0701 106 or digital gauges
- Packaging: Individually packed

			Ref. No.	List price Euro
For dial gauges with an outer ring (Bezel) dia. 40 mm:				
			0710 104	9.10
For dial gauges with an outer ring (Bezel) dia. 58 mm:				
			0710 105	9.10



Angle lever attachment 0724

HP



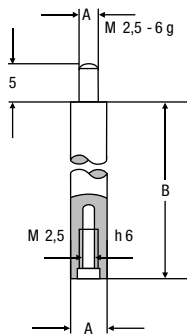
Specification

- With dia. 8 mm mounting hole for dial gauges
- Clamping shank 8h6
- Excludes dial gauge
- Smallest measurable hole: 6 mm
- Range limit: 10 mm
- Packaging: Individually packed

Home	Navigation	Measurement	Measuring depth mm	Ref. No.	List price Euro
			60	0724 101	41.80

Extensions for dial gauges 0710

HP



Specification

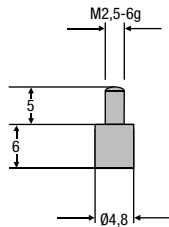
- Special steel
- Thread M 2.5
- Packaging: Individually packed

Home	Navigation	Measurement	Length mm	Ref. No.	List price Euro
For measuring spindle dia. 4 mm:					
▪			10	0710 111	3.80
▪			15	0710 112	3.80
▪			20	0710 113	3.80
▪			25	0710 114	3.80
▪			30	0710 115	3.80
▪			35	0710 116	3.80
▪			40	0710 117	3.80
▪			45	0710 118	3.80
▪			50	0710 119	3.80
▪			55	0710 120	3.80
▪			60	0710 121	3.80
▪			65	0710 122	3.80
▪			70	0710 123	3.80
▪			75	0710 124	3.80
▪			80	0710 125	3.80
▪			85	0710 126	3.80
▪			90	0710 127	3.80
▪			95	0710 128	3.80
▪			100	0710 129	3.80

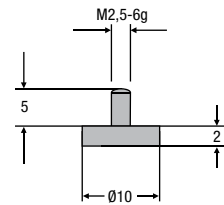
Home	Navigation	Measurement	Length mm	Ref. No.	List price Euro
For measuring spindle dia. 5 mm:					
▪			10	0710 131	3.80
▪			15	0710 132	3.80
▪			20	0710 133	3.80
▪			25	0710 134	3.80
▪			30	0710 135	3.80
▪			35	0710 136	3.80
▪			40	0710 137	3.80
▪			45	0710 138	3.80
▪			50	0710 139	3.80
▪			55	0710 140	3.80
▪			60	0710 141	3.80
▪			65	0710 142	3.80
▪			70	0710 143	3.80
▪			75	0710 144	3.80
▪			80	0710 145	3.80
▪			85	0710 146	3.80
▪			90	0710 147	3.80
▪			95	0710 148	3.80
▪			100	0710 149	3.80



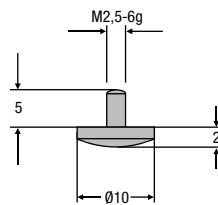
Measuring inserts for dial gauges 0710



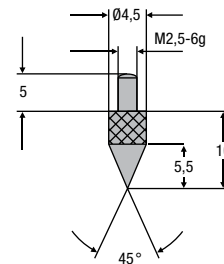
Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 161	3,00
			Carbide	0710 261	20,40



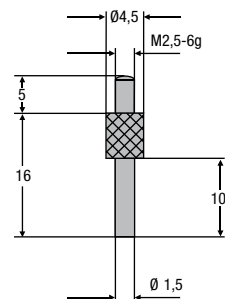
Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 162	3,80
			Carbide	0710 262	32,90



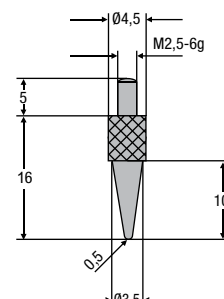
Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 163	4,40
			Carbide	0710 263	39,70



Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 164	4,40
			Carbide	0710 264	38,40



Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 165	5,50
			Carbide	0710 265	17,60

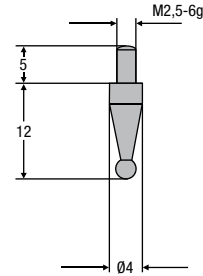
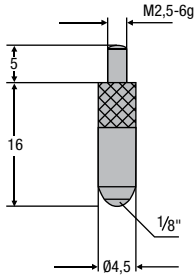


Home	Close	Print	Material	Ref. No.	List price Euro
▪			Special steel	0710 166	4,00



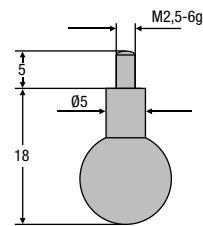
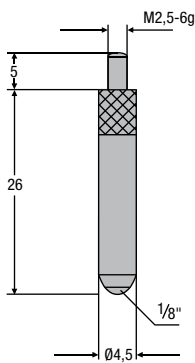
Measuring inserts for dial gauges 0710

HP



Material	Ref. No.	List price Euro
Special steel	0710 167	2,80
Carbide	0710 267	9,30
Ruby tip	0710 367	7,20
Sapphire tip	0710 467	7,20

Ball dia. mm	Ref. No.	List price Euro
Special steel		
1.0	0710 169	5.50
1.5	0710 170	5.50
2.0	0710 171	5.50
2.5	0710 172	5.50
3.0	0710 173	5.50
3.5	0710 174	5.50
4.0	0710 175	5.50
4.5	0710 176	5.50
5.0	0710 177	5.50
5.5	0710 178	5.50
6.0	0710 179	5.50
6.5	0710 180	5.50

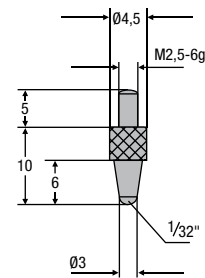
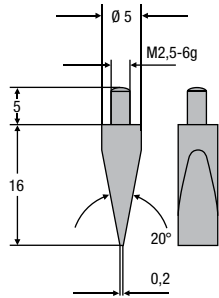


Material	Ref. No.	List price Euro
Special steel	0710 168	2.80
Carbide	0710 268	9.30
Ruby tip	0710 368	7.20
Sapphire tip	0710 468	7.20

Ball dia. mm	Ref. No.	List price Euro
Special steel		
7.0	0710 181	5.50
7.5	0710 182	5.50
8.0	0710 183	5.50
8.5	0710 184	5.50
9.0	0710 185	5.50
9.5	0710 186	5.50
10.0	0710 187	5.50
10.5	0710 188	5.50
11.0	0710 189	5.50

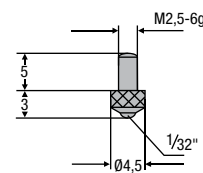
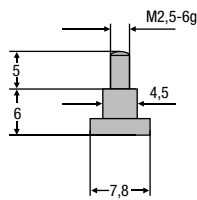


Measuring inserts for dial gauges 0710



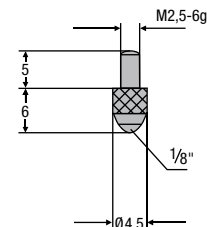
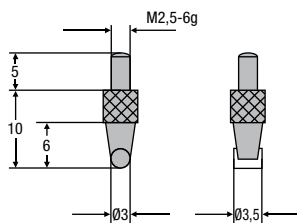
			Material	Ref. No.	List price Euro
▪			Special steel	0710 192	5.90
			Carbide	0710 292	41.80

			Material	Ref. No.	List price Euro
▪			Special steel	0710 193	3.00



			Material	Ref. No.	List price Euro
▪			Special steel	0710 194	4.00

			Material	Ref. No.	List price Euro
▪			Special steel	0710 195	0.90



			Material	Ref. No.	List price Euro
▪			Special steel	0710 196	6.50

			Material	Ref. No.	List price Euro
▪			Special steel	0710 197	0.90
			Carbide	0710 297	3.80
			Ruby tip	0710 397	5.10
			Sapphire tip	0710 497	5.10



Dial test indicator 0715

HP

**DIN
2270**



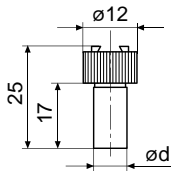
Specification

- Carbide tipped measuring inserts, dia. 20 mm
- Form A in accordance to DIN 2270
- Revolving dial
- 3-piece swallow tail guide
- Automatic reversal of the counting direction
- Packaging: Plastic case, includes clamping shank dia. 8 mm and key for measuring inserts

Household	Calibration	Key	Measuring range mm	Reading mm	Outer ring (Bezel) dia. mm	Dial	Ref. No.	List price Euro
Length of the measuring inserts 14.5 mm								
			0.8	0.01	30.0	0-40-0	0715 101	69.00
			0.8	0.01	40.5	0-40-0	0715 103	78.00
			0.2	0.002	40.5	0-100-0	0715 303	98.00
Length of the measuring inserts 41.2 mm								
			0.5	0.01	30.0	0-25-0	0715 201	109.00

Clamping shank for dial test indicator 0715

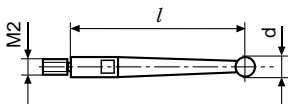
HP



Household	Calibration	Key	Diameter mm	Ref. No.	List price Euro
			4h6	0715 903	10.50
			8h6	0715 907	10.50

Measuring insert with carbide ball 0715

HP



Household	Calibration	Key	Ball dia. mm	Length mm	Ref. No.	List price Euro
			1.0	14.5	0715 915	14.70
			2.0	14.5	0715 917	11.60
			3.0	14.5	0715 919	11.60
			1.0	41.2	0715 925	14.90
			2.0	41.2	0715 926	11.60
			3.0	41.2	0715 929	11.60

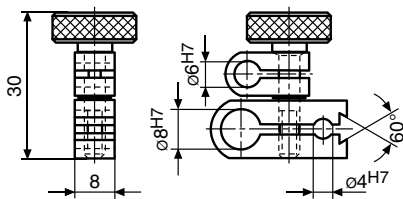


Key for measuring inserts 0715



			Ref. No.	List price Euro
			0715 940	2.10

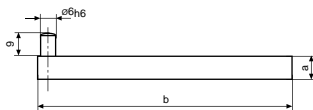
Universal clamp 0715



			Diameter mm	Ref. No.	List price Euro
			8	0715 950	22.00

- Suitable in conjunction with holder 0715 955

Holder 0715



			Length mm	Cross section mm	Ref. No.	List price Euro
			100	9 x 9	0715 955	13.90

Dial depth gauge with a measuring base 0716



Specification

- Measuring base is made of chrome plated special steel
- Replacement probe tips M 2.5 mm
- Revolving dial
- Factory standard
- Packaging: Individually packed

			Measuring range mm	Reading mm	Contact surface measuring base mm	Range per revolution mm	Dial gauge dia. mm	Ref. No.	List price Euro
			0 - 10	0.01	100 x 16	1	58	0716 101	121.00
Concentric pointer:									
			0 - 30	0.01	150 x 20	1	58	0716 102	178.00
			0 - 30	0.01	100 x 16	1	58	0716 105	159.00
Prismatic base:									
			0 - 30	0.01	for dia. 10 - 100	1	58	0716 111	235.00



Dial thickness gauge 0718

HP



0718 101



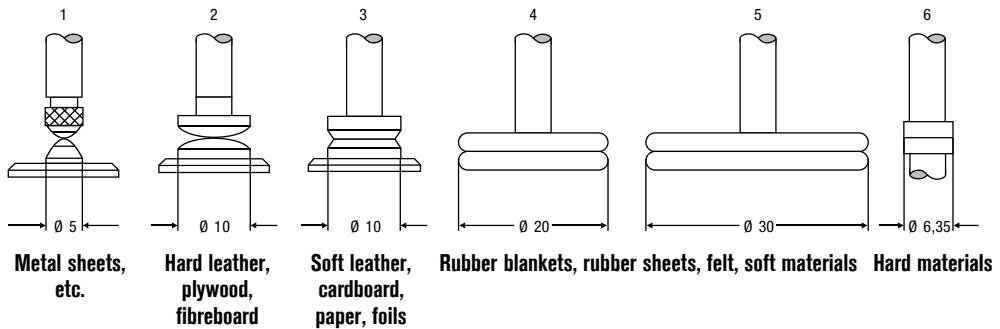
0718 112



0718 108

Specification

- Frame is made of an aluminium alloy
- Factory standard
- **When ordering please specify the gauge form**
- Packaging: Individually packed



Home	Marked *	Marked *	Measuring range mm	Reading mm	Type of contact points selectable	Frame depth mm	Ref. No.	List price Euro
			10	0.1	1 / 2 / 3 / 6	15	0718 101	44.50
			20	0.1	1 - 5	50	0718 104	92.00
			30	0.1	1 - 5	50	0718 105	104.00
			50	0.1	1 - 5	50	0718 106	158.00
With a lifting device and stand, range per revolution 10 mm:								
			30	0.1	1 - 5	200	0718 108	136.00
			30	0.1	1 - 5	300	0718 109	156.00
			30	0.1	1 - 5	400	0718 110	174.00
With a lifting wheel and concentric pointers, range per revolution 1 mm:								
			10	0.01	1 / 2 / 3 / 6	18	0718 112	87.00
			10	0.01	1 / 2 / 3 / 6	45	0718 113	101.00
With a lifting device, range per revolution 1 mm:								
			10	0.01	1 - 5	50	0718 115	104.00



Dial thickness gauge 0720



0720 102



0720 103

Specification

- With a lifting device
- Factory standard
- Frame is made of an aluminium alloy
- Revolution counter
- Packaging:
Individually packed

			Measuring range mm	Reading mm	Range per revolution mm	Frame depth mm	Ref. No.	List price Euro
Tube wall thickness dial gauge, collar with radius 1 mm:								
			10	0.01	1	50	0720 102	138.00
Thin foil thickness dial gauge, measuring insert dia. 6.35 mm flat, handle is thermally insulated:								
			1	0.001	0.2	30	0720 103	198.00



Standard / precision internal caliper gauges 0721

HP



0721 100



Specification

- Carbide measuring faces
- Protection class IP 65
- Packaging: Cardboard box

Home	Marked *	Marked *	Measuring range mm	Reading mm	Measuring depth mm	Groove dimensions		Ref. No.	List price Euro
						D	W		
Standard internal caliper gauge, with carbide measuring faces									
Cutting (chisel) radius 0.1 mm:									
			2.5 - 12.5	0.005	12	0.7	0.6	0721 100	447.00
Ball dia. 0.6 mm:									
			5 - 15	0.005	35	2.2	0.8	0721 101	447.00
Precision internal caliper gauge, with carbide measuring faces									
Ball dia. 1.0 mm:									
			10 - 30	0.01	85	5.2	1.2	0721 120	462.00
			20 - 40	0.01	85	7.0	1.2	0721 121	462.00
			30 - 50	0.01	85	7.0	1.2	0721 122	462.00
			40 - 60	0.01	85	8.3	1.2	0721 123	462.00
			50 - 70	0.01	85	8.3	1.2	0721 124	478.00
			60 - 80	0.01	85	8.3	1.2	0721 125	478.00
			70 - 90	0.01	85	8.3	1.2	0721 126	478.00
			80 - 100	0.01	85	8.3	1.2	0721 127	478.00





External caliper gauges 0721



0721 144



Specification

- Carbide measuring faces
- Protection class IP 65
- Packaging: Cardboard box

Icon	Icon	Icon	Measuring range mm	Reading mm	Measuring depth mm	Groove dimensions		Ref. No.	List price Euro
						D	W		
Cutting (chisel) radius 0.4 mm:									
			0 - 10	0.005	35	5.0	3.0	0721 141	447.00
Fixed arm, ball dia. 1.5 mm, moving cutter r = 0.4 mm:									
			0 - 10	0.005	35	5.0	3.0	0721 142	447.00
Ball dia. 1.5 mm:									
			0 - 10	0.005	35	5.0	3.0	0721 143	447.00
			0 - 20	0.01	85	5.0	3.0	0721 144	447.00
Ball dia. 1.5 mm, 1 straight probe arm:									
			0 - 20	0.01	85	5.0	3.0	0721 145	447.00
Ball dia. 2.0 mm:									
			0 - 10	0.1	36	5.0	3.0	0721 140	126.00
			0 - 50	0.05	170	5.0	3.0	0721 146	521.00
Ball dia. 2.0 mm, 1 straight probe arm:									
			0 - 50	0.05	170	5.0	3.0	0721 147	521.00



Digital internal caliper gauges 0721

HP



0721 732

Specification



- Carbide measuring faces
- Protection class IP 63
- Packaging: Cardboard box



0721 735

Home	Marked *	Marked *	Measuring range mm	Reading mm	Measuring depth mm	Groove dimensions		Ref. No.	List price Euro
						D	W		
Cutting (chisel) radius 0.1 mm:			5 - 15	0.005	12	0.7	0.5	0721 731	478.00
Ball dia. 1.0 mm:			10 - 30	0.01	49	4.0	2.0	0721 732	478.00
			20 - 40	0.01	53	4.0	2.0	0721 733	478.00
			30 - 50	0.01	54	2.5	4.0	0721 734	478.00
Ball dia. 1.5 mm:			15 - 55	0.02	114	4.5	2.5	0721 735	478.00
Ball dia. 2.0 mm:			55 - 95	0.02	114	8.0	4.0	0721 736	478.00
Ball dia. 1.5 mm:			15 - 75	0.02	175	4.5	2.5	0721 737	663.00





Digital external caliper gauges 0721



0721 742

Specification



- Carbide measuring faces
- Protection class IP 63
- Packaging: Cardboard box

Home	QuickLock	QuickStart	Measuring range mm	Reading mm	Measuring depth mm	Groove dimensions		Ref. No.	List price Euro
						D	W		
Ball dia. 1.5 mm:									
			0 - 20	0.01	85	15.0	15.0	0721 741	478.00
Ball dia. 3.0 mm:									
			0 - 40	0.02	115	22.0	22.0	0721 742	478.00
Ball dia. 3.0 mm, straight lower probe arm:									
			0 - 40	0.02	115	22.6	1.0	0721 743	478.00
Ball dia. 5.0 mm:									
			0 - 60	0.02	180	25.3	25.3	0721 744	663.00

Accessories for caliper gauges 0721



	Ref. No.	List price Euro
Digimatic interface for Mitutoyo* including data cable	0721 785	127.00
Digimatic interface for USB* including data cable	0721 786	127.00
Stand	0721 787	26.20

* When placing an order please specify the reference number and the type of caliper gauge.



Internal precision bore gauge, set 0726 for smaller bores

HP



Specification

- 2 point comparator measuring instrument with split probe + measuring pin
- Excludes a dial gauge
- Without a setting ring
- Mounting hole dia. 8 mm
- Ideal in conjunction with dial gauges or dial comparator gauges
- Packaging: Wooden case

Home	Marked *	Marked *	Nominal meas. range mm	Effective meas. range mm	Measuring depth mm	Number of probes mm	Ref. No.	List price Euro
Hardened chrome plated probe:								
			4.5 - 7.5	4.15 - 7.8	41 - 45	7	0726 310	478.00
			8.0 - 12.0	7.7 - 12.5	45	6	0726 311	487.00
			4.5 - 12.0	4.15 - 12.5	41 - 45	13	0726 312	801.00
			13.0 - 20.0	12.2 - 20.6	45	8	0726 313	583.00
Carbide tipped probe:								
			1.0 - 1.4	0.95 - 1.55	13	5	0726 500	507.00
			1.75 - 4.0	1.5 - 4.2	17 - 25	10	0726 501	668.00
			1.0 - 4.0	0.95 - 4.2	13 - 25	15	0726 502	1,041.00
			4.5 - 7.5	4.15 - 7.8	41 - 45	7	0726 510	755.00
			8.0 - 12.0	7.7 - 12.5	45	6	0726 511	718.00
			4.5 - 12.0	4.15 - 12.5	41 - 45	13	0726 512	1,309.00
			13.0 - 20.0	12.2 - 20.6	45	8	0726 513	887.00

Clamp with depth stop for 0726

HP

Home	Marked *	Marked *	For measuring range mm	Ref. No.	List price Euro
			1.0 - 4.0	0726 122	112.00
			4.5 - 9.0	0726 123	112.00
			10.0 - 20.0	0726 124	112.00

Angle probe 90° for 0726

HP

Home	Marked *	Marked *	For measuring range mm	Ref. No.	List price Euro
			1.0 - 20.0	0726 130	206.00

Set of setting rings

HP

Home	Marked *	Marked *	For measuring range mm	Set pieces	Ref. No.	List price Euro
			1.0 - 1.4	5	0726 300	265.00
			8.0 - 12.0	6	0726 301	215.00
			1.0 - 4.0	15	0726 302	614.00
			4.5 - 12.0	13	0726 303	454.00
			13.0 - 20.0	8	0726 304	340.00
			1.75 - 4.0	10	0726 305	351.00
			4.5 - 7.5	7	0726 306	242.00



Internal precision bore gauge for large and depth bores 0728



Specification

- 2 point comparator measuring instrument to determine the reversal point
- Centering plate
- Mounting hole dia. 8 mm
- Ideal in conjunction with dial gauges or dial comparator gauges
- Excludes dial gauge
- Packaging: Wooden case

				Measuring range mm	Measuring depth mm	Repeatability µm	Number of measuring pins	Measuring discs	Ref. No.	List price Euro
Fixed measuring pins, hardened special steel, interchangeable contact pins carbide tipped:										
▪				18 - 35	110	0.5	9	2	0728 105	286.00
▪				35 - 60	138	0.5	7	2	0728 106	278.00
▪				50 - 100	177	0.5	11	3	0728 107	313.00
▪				100 - 160	234	0.5	7	4	0728 108	439.00
				160 - 290	234	0.5	7	4	0728 109	635.00
				280 - 510	400	1.5	7	4	0728 110	1,561.00
Fixed measuring pins and interchangeable contact pins, both pins are carbide tipped:										
				4.5 - 6	80	0.5	9	—	0728 201	739.00
				6 - 8	100	0.5	7	—	0728 202	514.00
				8 - 12	100	0.5	9	—	0728 203	486.00
				12 - 20	110	0.5	9	1	0728 204	330.00
▪				18 - 35	110	0.5	9	2	0728 205	356.00
▪				35 - 60	138	0.5	7	2	0728 206	342.00
▪				50 - 100	177	0.5	11	3	0728 207	390.00
▪				100 - 160	234	0.5	7	4	0728 208	507.00
				160 - 290	234	0.5	7	4	0728 209	689.00
				280 - 510	400	1.5	7	4	0728 210	1,618.00

Setting device for internal precision bore gauges 0728



Specification

- Setting device for accurate adjustment of internal precision bore gauges to the required nominal dimension in 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
- Supplied with: Stand (excludes gauge blocks)
- Packaging: Wooden case

				For measuring range mm	Accuracy µm	Ref. No.	List price Euro
				4.5 - 160	2.0	0728 910	935.00
				18 - 290	2.0	0728 915	925.00
				160 - 510	2.0	0728 920	1,450.00



Crankshaft gauge 0735



Specification

- With dial gauge
- To be positioned between 2 crankshaft webs
- Centre punch is not required
- Horizontal position of the dial gauge is assured with a plumb bob
- Packaging: Wooden case

			Measuring range mm	Reading mm	Ref. No.	List price Euro
			45 - 150	0.01	0735 101	355.00
			60 - 300	0.01	0735 102	320.00
			85 - 500	0.01	0735 103	373.00

Groove diameter measuring instrument 0736



Specification

- Measuring jaw thickness: 0.47 mm
- For diameter measurement or to be used as a measuring table
- High precision ball guidance of the transmission spindle
- Adjustable measuring frame
- Interchangeable fixed measuring spindle for measuring table
- Mounting hole dia. 8 mm
- Ideal for analogue and digital dial gauges
- Packaging: Individually packed

			Measuring range mm	Ref. No.	List price Euro
Measuring jaws are made of special steel:					
			0 - 10	0736 101	821.00
			0 - 25	0736 102	886.00
			25 - 50	0736 103	949.00
Measuring jaws are made of carbide:					
			0 - 10	0736 501	892.00
			0 - 25	0736 502	903.00
			25 - 50	0736 503	1,020.00



Internal groove diameter measuring instrument 0737



Specification

- High precision probe guidance with a constant measuring force
- Adjust the height with a gauge block
- Set the diameter with a setting ring
- Measuring table plate size 110 x 73 mm
- Mounting hole dia. 8 mm
- Ideal for analogue and digital dial gauges as well as electronic probes
- Packaging: Individually packed

				Internal diameter mm	Ref. No.	List price Euro
▪				4 - 56	0737 101	799.00

Measuring probes (pair) for 0737



				Groove height mm	Groove width mm	Groove recess dia. mm	Internal diameter mm	Ref. No.	List price Euro
				0 - 8	0.74	+2	4 - 28	0737 121	79.00
				0 - 10	1.0	+4	6.5 - 30	0737 122	79.00
				0 - 18	1.2	+2	13 - 38	0737 123	79.00
				0 - 25	1.2	+4	20.5 - 51	0737 124	79.00



Edge finder 0738

HP



Specification

- Rotating spindle
- Alignment accuracy 0.01 mm
- Packaging: Individually packed

🏠	✂️	📏	Measuring range mm	Contact dia. mm	Stem dia. mm	Ref. No.	List price Euro
			48	6	6	0738 101	39.20
			84	10	10	0738 103	23.30
			90	10 and 4	10	0738 105	24.80

Tool pre-setting gauge 0792

HP



Specification Gauge

- Tool socket SK 40 or SK 50
- Instrument base with rotatable tool sockets
- Sturdy, vertical column, carrying the guide cross
- Easy-running guideways
- Vertical adjustment by conversion of coarse/fine adjustment, horizontal by handwheel

Zero indicator

- Ball bearing type, 45° inclination
- Contacting of the workpiece edge in X and Z direction is possible without swivelling the zero indicator
- Tool cutting-edge easily accessible

- Supplied with: Batteries type CR2032
- Packaging: Polystyrene packing

Indicator electronics

- Clearly arranged foil keypad
- Large and high contrast displays for X and Z axis, height of numerals = 9 mm

Functions

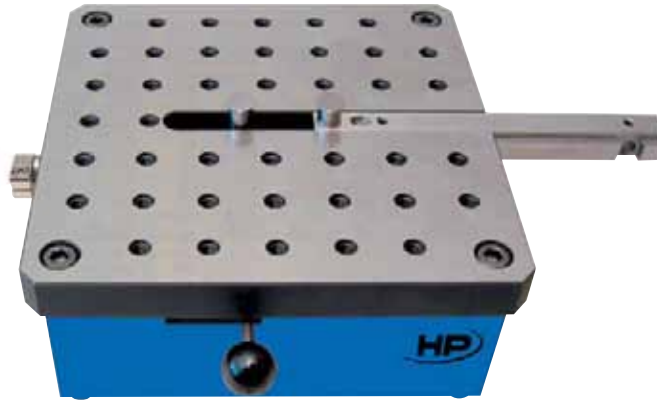
- 0/On: On/Off, zero setting
- SET: Switching mm/inch
- HOLD: Hold measuring value
- PRESET: Preselect 2 values
- Each axis requires 1 battery as well as interface Opto RS232C
- Horizontal axis is additionally equipped with facility to switch from radius to diameter indication



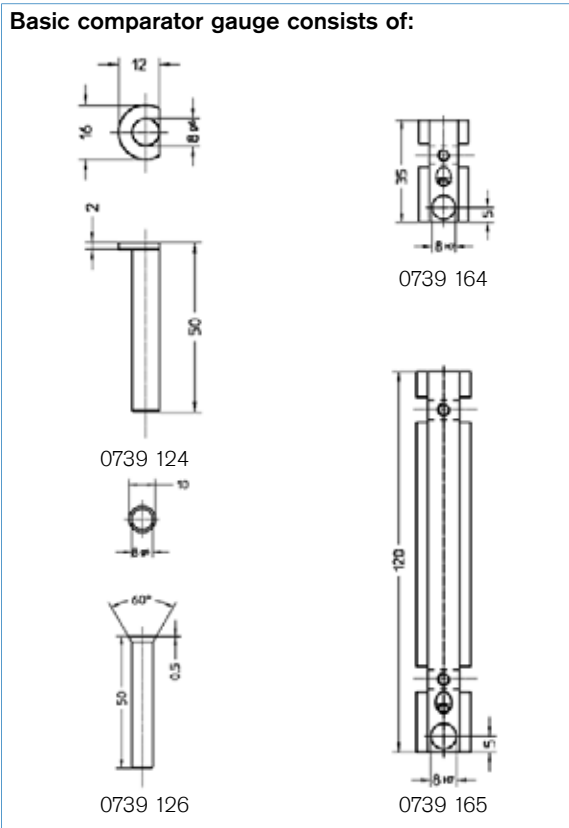
🏠	✂️	📏	Tool socket	Measuring range		Error limits µm	Measuring force N	Concentric accuracy of the spindle	Ref. No.	List price Euro
				X-axis	Z-axis					
			SK 40	dia.=240 mm	L=400 mm	20+L(mm)/10	0.8	< 5 µm	0792 740	3,990.00
			SK 50	dia.=240 mm	L=400 mm	20+L(mm)/10	0.8	< 5 µm	0792 750	3,990.00



Universal comparator gauge 0739



Basic comparator gauge consists of:

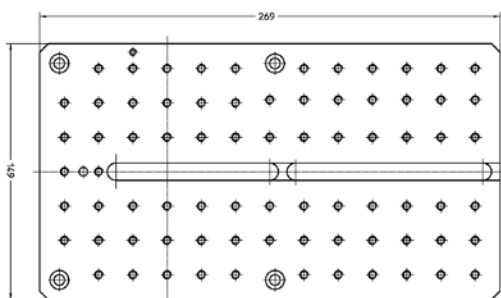


Specification

- To determine internal and external dimensions of recesses, grooves and undercuts in comparison measurement
- Measurement procedure: The part to be measured is determined at the point of reversal between a fixed and moveable measuring insert
- Select either an analogue or digital indicator to show your measurement results
- Robust construction
- Simple to set up and easy to operate
- Large range of application
- Ideal for serial measurements
- Optional: Special supporting table is interchangeable
- Internal measurements: 21 – 200 mm
- External measurements: 0 – 180 mm
- Repeatability: 2 µm
- Mounting hole for a dial gauge: dia. 8 mm
- Supplied with: Pair of measuring inserts 0739 126 and 0739 124, holder for measuring inserts 0739 164
- Packaging: Aluminium case

Icon	Dimensions mm	Ref. No.	List price Euro
▪	150 x 150 x 68	0739 102	1,552.00

Large supporting table 0739

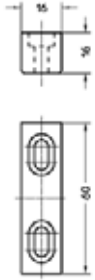


Icon	Dimensions mm	Ref. No.	List price Euro
▪	269 x 149	0739 170	166.00

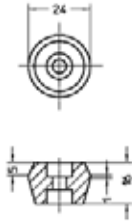


Pair of measuring inserts 0739

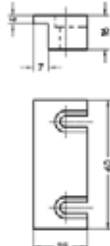
HP



0739 121



0739 122



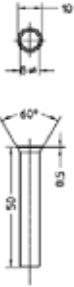
0739 123



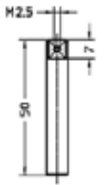
0739 124



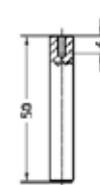
0739 125



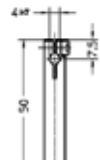
0739 126



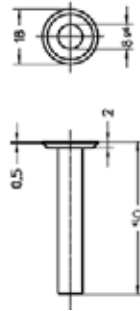
0739 127



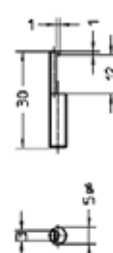
0739 128



0739 129



0739 130



0739 131

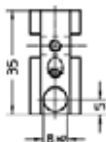


0739 132

			Ref. No.	List price Euro
			0739 121	79.00
			0739 122	89.00
			0739 123	82.00
			0739 124	93.00
			0739 125	97.00
			0739 126	55.00
			0739 127	88.00
			0739 128	55.00
			0739 129	107.00
			0739 130	89.00
			0739 131	97.00
			0739 132	129.00

Holder for measuring inserts short / long 0739

HP



0739 164



0739 165

			Ref. No.	List price Euro	
			Holder, short:	0739 164	33.60
			Holder, long:	0739 165	41.50





DIGI-MET® Universal comparator gauge 0741



Specification

- Comparator gauge for external and internal measurements. Ideal for testing workpieces and setting machines
- Versatile for comparative measurements due to the large choice of probes and measuring inserts
- Measuring range can be increased up to 2000 mm by using optional extensions
- The direction of the measuring force is reversible, thus allowing the instrument to be used for both external and internal measurements
- The setting of the universal comparator gauge can be conducted with an adjusting instrument, a master piece, a gauge block combination, a ring gauge or a micrometer
- Measuring range can be extended in conjunction with the extensions
- Excludes a dial gauge
- Packaging: Wooden case

Basic comparator gauge 0741



				Internal measurement mm	External measurement mm	Ref. No.	List price Euro
				15 - 230	5 - 220	0741 101	1,624.00

Extensions



0741 112

				Length mm	Ref. No.	List price Euro
				100	0741 112	226.00
				200	0741 114	240.00
				500	0741 116	366.00



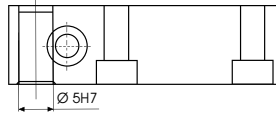
0741 114



0741 116



Pair of probe mounting block



Ref. No.
0741 170

List price
Euro
149.00

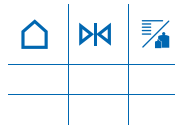
Pair of ball measuring inserts



0741 178



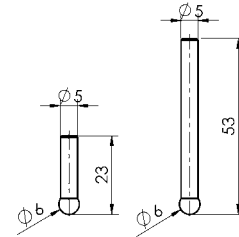
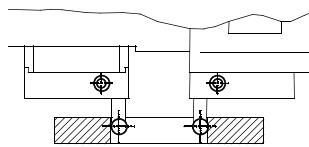
0741 179



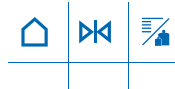
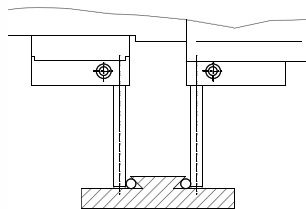
Length
mm
23
53

Ref. No.
0741 178
0741 179

List price
Euro
100.00
100.00



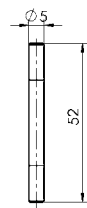
Pair of cylindrical measuring inserts



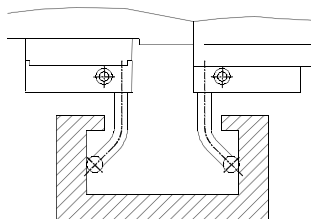
Length
mm
52

Ref. No.
0741 180

List price
Euro
100.00

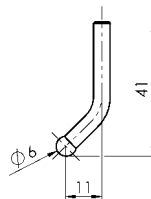


Pair of offset measuring inserts



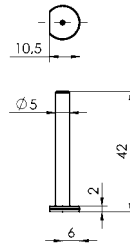
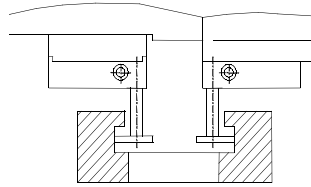
Ref. No.
0741 182

List price
Euro
166.00



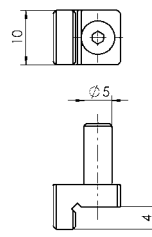
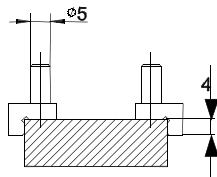


Pair of measuring inserts with discs



			Ref. No.	List price
			0741 176	Euro
				100.00

Pair of shoulder measuring inserts

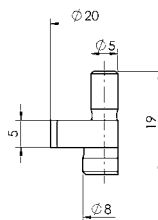
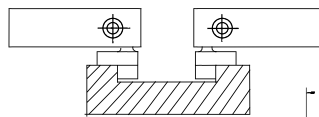


Specification

- For measuring external centre points

			Ref. No.	List price
			0741 172	Euro
				178.00

Pair of shoulder measuring inserts



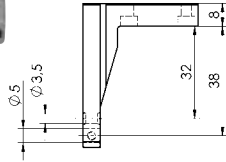
Specification

- For measuring internal centre points

			Ref. No.	List price
			0741 174	Euro
				145.00



Pair of measuring arms

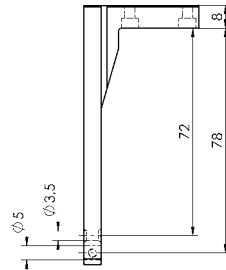


Specification

- Measuring arms are reversible for internal and external measurement
- Mounting bores: 3.5 and 5 mm

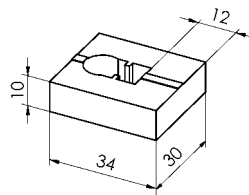
0741 122

			Length mm	Ref. No.	List price Euro
			40	0741 122	235.00
			80	0741 124	282.00



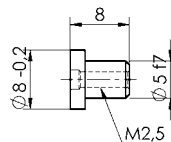
0741 124

Pair of depth stop attachment for measuring arms



			Ref. No.	List price Euro
			0741 136	218.00

Pair of adapters 5 mm for measuring inserts M2.5



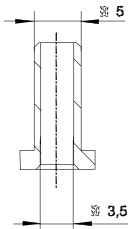
Specification

- All measuring inserts for dial gauges with M2.5 can be used (measuring inserts please refer to pages 3/15 - 3/17)

			Ref. No.	List price Euro
			0741 132	76.00



Pair of adapters for thread measuring inserts (pair)

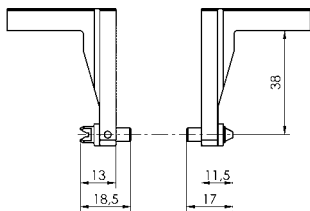


Specification

- Adapter for thread measuring inserts with a long shank
- Measuring inserts that have a short shank, the adapter is not required

Ref. No.	List price Euro
0741 134	133.00

Pair of thread measuring inserts for metric internal thread

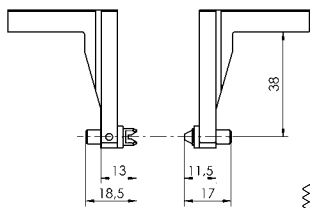


Specification

- Thread measuring inserts for internal thread, metric pitch in pairs

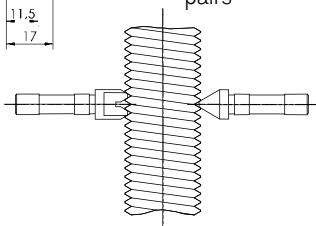
Pitch mm	Ref. No.	List price Euro
0.4 - 0.45	0741 160	190.00
0.5 - 0.6	0741 161	190.00
0.7 - 0.8	0741 162	190.00
1.0 - 1.25	0741 163	190.00
1.5 - 1.75	0741 164	190.00
2.0 - 2.5	0741 165	190.00
3.0 - 3.5	0741 166	190.00
4.0 - 5.0	0741 167	190.00
5.5 - 6.0	0741 168	190.00

Pair of thread measuring inserts for metric external thread



Specification

- Thread measuring inserts for external thread, metric pitch in pairs



Pitch mm	Ref. No.	List price Euro
0.35	0741 140	167.00
0.4 - 0.45	0741 141	94.00
0.5 - 0.6	0741 142	94.00
0.7 - 0.8	0741 143	94.00
1.0 - 1.25	0741 144	94.00
1.5 - 1.75	0741 145	94.00
2.0 - 2.5	0741 146	94.00
3.0 - 3.5	0741 147	94.00
4.0 - 5.0	0741 148	94.00
5.5 - 6.0	0741 149	94.00

Measuring table



Specification

- Consists of a support table dia.= 180 mm, holder for probe, supports (excludes dial gauge and probe)

Ref. No.	List price Euro
0741 184	566.00



Universal indicator stand with magnetic base 0750

HP



Specification

- Chrome plated columns
- Base with V-groove
- Magnet with ON/OFF switch
- Magnetic force: 600 N or 800 N*
- With fine adjustment
- Without dial gauge
- Mounting clamp: Diameter 8 mm for dial gauges, swallow tail clamp for dial test indicators
- Packaging: Cardboard box

				Height of column mm	Reach mm	Column / Bar dia. mm	Magnetic base L x W x H mm	Ref. No.	List price Euro
Crosshead clamp:									
▪				285	180	16/16	70 x 46 x 65	0750 101	90.00
▪				500	180	20/16	75 x 60 x 80	0750 102*	162.00
Chuck clamp:									
▪				285	180	16/16	70 x 46 x 65	0750 103	126.00
Accessories								Ref. No.	List price Euro
Wooden case for 0750 101 + 0750 103								0750 601	21.80

Pillar with transverse arm and fine adjustment

HP



				For article	Ref. No.	List price Euro
				0750 101	0750 121	31.30
				0750 102	0750 122	57.00
				0750 103	0750 123	81.00

Magnetic base

HP



				Thread	Dimensions L x W x H	Ref. No.	List price Euro
				M10	70 x 45 x 55	0750 111	51.00
				M12	75 x 60 x 80	0750 112	95.00



Magnetic indicator stand with flexible joints 0752



Specification

- Chrome plated columns
- Base with V-groove
- Magnet with ON/OFF switch
- Magnetic force 600 N
- Central magnetic clamping system
- With fine adjustment
- Mounting clamp: Diameter 8 mm for dial gauges, swallow tail clamp for dial test indicators
- Packaging: Cardboard box

				Height of column mm	Reach mm	Column / Bar dia. mm	Magnetic base L x W x H mm	Ref. No.	List price Euro
▪				310	260	10	70 x 46 x 65	0752 101	125.00
▪				370	320	18	70 x 46 x 65	0752 103	160.00

Universal magnetic holder 0754



Specification

- Base with V-groove
- With mounting hole dia. 8 mm
- Three-sided magnet
- Packaging: Individually packed

				Height of column mm	Support face mm	Magnetic force N	Ref. No.	List price Euro
▪				57	70 x 35	260	0754 101	85.00



Magnetic indicator stand 0751

HP



0751 103

Specification 0751 103

- With articulated (flexible) arm
- Magnetic force: 600 N
- Eccentric clamp
- Packaging: Cardboard box

Specification 0751 104

- Fixed column
- With fine adjustment
- Flexible transverse arm
- Magnetic force: 600 N
- Packaging: Cardboard box



0751 104

			Height of column mm	Base L x W x H mm	Ref. No.	List price Euro
Heavy duty stand:						
			350	70 x 45 x 65	0751 103	103.00
Clamping via. the star knob screw:						
			350	70 x 45 x 65	0751 104	119.00

Universal magnetic holder 0756

HP



Specification

- Two magnets on the underside of the holder
- With mounting hole dia. 8 mm
- Packaging: Individually packed

			Height of column mm	Support face mm	Magnetic force N	Ref. No.	List price Euro
▪			45	72 x 37	180	0756 101	51.00



Compact measuring stands 0770



0770 102



0770 103



0770 201

Specification

- Cast base
 - Chrome plated columns
 - Hardened steel table
 - With dust grooves
 - With mounting hole for dial gauges dia. 8 mm
- Packaging:
Individually packed

			Measuring height mm	Reach mm	Column dia. mm	Transverse arm dia. mm	Table surface mm	Ref. No.	List price Euro
With fixed arm									
			100	49	22	—	dia. 50	0770 102	153.00
			100	49	22	—	60 x 68	0770 103	194.00
With adjustable transverse arm:									
			100	100	22	18	60 x 68	0770 201	196.00
			150	135	28	20	98 x 115	0770 205	304.00



Measuring stand 0772



Specification

- Cast base
- Hardened steel table
- With a threaded column and an adjustable transverse arm
- With dust grooves
- With mounting hole for dial gauges dia. 8 mm
- Packaging: Individually packed

			Measuring height mm	Reach mm	Column dia. mm	Transverse arm dia. mm	Table surface mm	Ref. No.	List price Euro
			160	200	35	22	170 x 215	0772 024	661.00





Precision measuring stand 0785



Specification

- Base made of hard stone
- With a threaded column and chrome plated transverse arm
- With adjustable transverse arm
- With mounting hole for dial gauges dia. 8 mm
- Vertical adjustment by threaded spindle with setting ring
- Base plate accuracy according to DIN 876-00
- Packaging: Individually packed

Home	QuickLock	QuickStart	Meas. height mm	Reach mm	Column dia. mm	Transverse arm dia. mm	Table surface mm	Ref. No.	List price Euro
			200	200	35	22	150 x 200	0785 108	556.00
		▪	220	220	35	22	260 x 300	0785 109	1,365.00
Anti-twist (secured against rotation) transverse arm:									
		▪	220	220	35	22	260 x 300	0785 110	1,569.00

Universal measuring support 0763



Specification

- Chrome plated column
- Prismatic base and T-groove
- Central clamping system
- Fine adjustment
- Chrome plated transverse arm
- Mounting clamp: Diameter 8 mm for dial gauges, swallow tail clamp for dial test indicators
- Excludes dial gauge
- Packaging: Individually packed

Home	QuickLock	QuickStart	Height of column mm	Base dimensions L x W x H mm	Transverse arm dia. mm	Ref. No.	List price Euro
			300	250 x 60 x 35	16/16	0763 100	243.00



Bench centre 0780

HP

DIN
876-2



Specification

- Finely ground surfaces, flatness tolerance in accordance to DIN 876-2
- With two adjustable tailstocks
- Left tailstock with fixed centre
- Right tailstock with retractable spring mounted centre, stroke ca. 10 mm
- Tailstocks can be clamped via an eccentric clamp
- With T-groove and support column
- With mounting hole for dial gauges dia. 8 mm
- Fine adjustment
- Packaging: Cardboard box

🏠	⏏	📏	Height of centres mm	Width between centres mm	Width of T grooves mm	Base mm	Ref. No.	List price Euro
▪			50	200	10	350 x 110	0780 101	527.00
▪			50	350	10	500 x 110	0780 102	669.00
▪			75	200	10	350 x 110	0780 104*	603.00
▪			75	350	10	500 x 110	0780 105*	687.00
		▪	100	450	12	700 x 180	0780 107	1,730.00
		▪	150	450	12	700 x 180	0780 108	1,929.00

* V-groove support

Pair of v-support inserts

HP



🏠	⏏	📏	For height of centres mm	V-support dia. mm	Ref. No.	List price Euro
			50/75	3 - 15	0780 021	76.00
			100	8 - 45	0780 023	116.00

▪ These v-support inserts replace the pointed inserts in the tailstocks

Replacement support column

HP



🏠	⏏	📏	For height of centres mm	Height of column mm	Width of T grooves mm	Ref. No.	List price Euro
			50/75	200	10	0780 072	91.00
			100	240	12	0780 073	111.00
			150	440	12	0780 074	126.00



Left tailstock with a rotating collect chuck



				Height of centres mm	Width of T grooves mm	Collet chuck mm	Ref. No.	List price Euro
▪				50	10	F10	0780 001	327.00
▪				75	10	F10	0780 002	363.00
				100	12	F14	0780 003*	566.00

- Collet chucks F10 from 1-7 mm are available upon request
- Collet chucks F14 from 1-10 mm are available upon request*

Pair of replacement tailstocks for 0780



Specification

- As included with the basic bench centre 0780
- 75 mm with V-groove support

				Height of centres mm	Width of T grooves mm	Collet chuck mm	Ref. No.	List price Euro
▪				50	10	F10	0780 091	331.00
▪				75	10	F10	0780 092	373.00
				100	12	F14	0780 093	766.00
				150	12	F14	0780 094	792.00

Pair of v-groove supports for 0780



Specification

- Are used instead of the tailstocks on the base
- V-groove surfaces are hardened, replaceable

				Height mm	Width of T grooves mm	Surface dia. mm	Ref. No.	List price Euro
				65	10	5 - 25	0780 032	140.00
				100	12	5 - 50	0780 033	202.00

Pair of roller supports for 0780



Specification

- Are used in place of the tailstocks on the base
- Runout tolerance of the rollers: 0.005 mm

				Height mm	Width of T grooves mm	Surface dia. mm	Ref. No.	List price Euro
				65	10	3 - 30	0780 042	168.00
				100	12	4 - 60	0780 043	227.00



Bench centre 0783

HP

DIN
876-1



Specification

- Dark granite work bench
- Flatness tolerance in accordance to DIN 876/1
- Right tailstock with retractable spring mounted centre
- Left tailstock with fixed centre
- Packaging: Wooden box
- Supplied with:
 - Work bench
 - Support post
 - 1 pair of tailstocks with pointed alignment centre 60° MK 2

Home	Marked *	Marked **	Height of centres mm	Width between centres mm	Width of T grooves mm	Base mm	Ref. No.	List price Euro
▪		▪	200	650	14	1100 x 180 x 140	0783 012	3,092.00
Home	Marked *	Marked **	For centre height mm	Width of T grooves mm	Ref. No.	List price Euro		
Pair of tailstocks								
▪		▪	200	14	0782 191	1,022.00		
Support post								
▪			200	14	0783 070	257.00		
Pointed alignment centre, mount MK 2								
▪			200	-	0782 181	196.00		

Pair of roller supports 0783

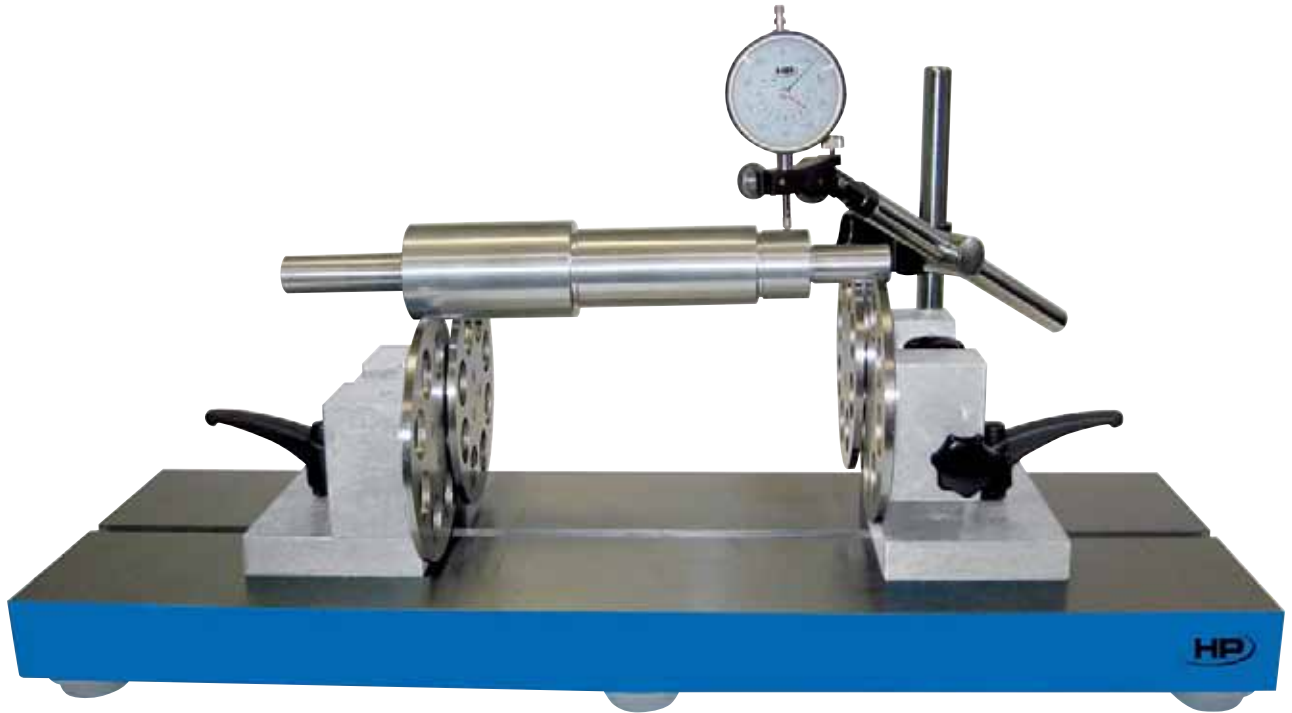
HP



Home	Marked *	Marked **	Height of centres mm	Height of column mm	Surface dia. mm	Ref. No.	List price Euro
			200	14	25 - 100	0782 160	617.00



Runout measuring gauge 0784



Specification

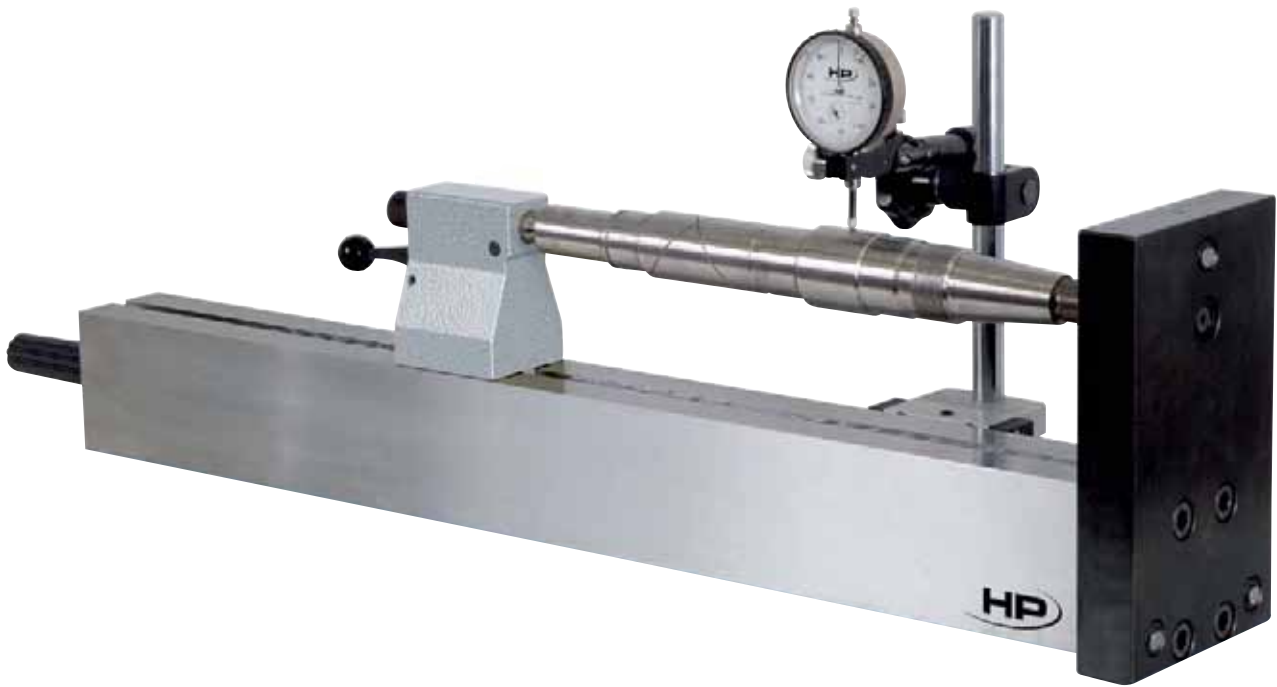
- Centreless concentricity measuring instrument
- High accuracy; roller discs being mounted in bearings; free of play
- Sliding disc supports on the base
- Roller supports can be adjusted up to 30 mm for diametral compensation
- Includes the support post, excludes a dial gauge
- Concentricity 5 μ m
- Load capacity max. 50 Kg
- Packaging: Wooden box

Home	Navigation	Print	Max. length mm	Max. workpiece dia. mm	Discs dia. mm	Ref. No.	List price Euro
		▪	400	250	120	0784 108	2,704.00



Shaft measuring instrument 0788

HP



Specification

- For rapid measurement of diameters, distances, shoulders, taper, roundness, etc.
- Vertical and horizontal alignment
- Vertical base with 3 hardened adjustment support surfaces
- Measuring beam is made of hardened steel
- Load capacity max. 20 Kg
- **Not supplied with a support post, excludes the dial gauge and excludes guideways**
- Packaging: Cardboard box

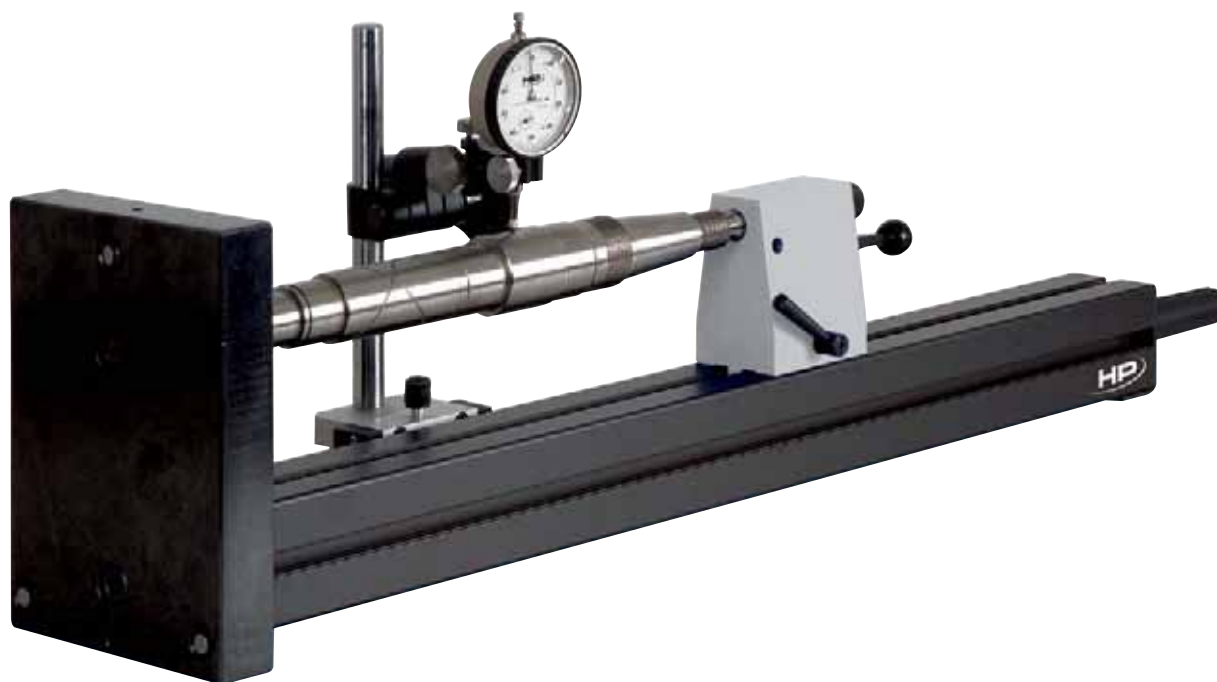
Home	Double Arrow	Vertical Arrow	Height of centres mm	Width between centres mm	Width of T grooves mm	Base mm	Ref. No.	List price Euro
▪		▪	75	550	10H7	200 x 120	0788 104	986.00
							0788 180	200.00

Support arm with guideways





Shaft measuring instrument 0788












Specification

- For rapid measurement of diameters, distances, shoulders, taper, roundness, etc.
- Vertical and horizontal alignment
- Vertical base with 3 hardened adjustment support surfaces
- Measuring beam is made of hard anodised aluminium profile
- Aluminium tailstocks
- Load capacity max. 15 Kg
- **Not supplied with a support post, excludes the dial gauge and excludes guideways**
- Packaging: Cardboard box

				Height of centres mm	Width between centres mm	Width of T grooves mm	Base mm	Ref. No.	List price Euro
▪				75	550	10,1 + 0,1	200 x 150	0788 904	786.00
Support arm with holder								0788 980	63.00
Support arm with guideways								0788 990	284.00



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
 	Data output: OPTO or Data variable
	Accuracy according to DIN



CHAPTER 4 - MARKING INSTRUMENTS

Scriber	4/2
Precision dividers	4/3
Beam trammel / Beam compass	4/5
Internal / External caliper	4/7
Marking calipers	4/10
Marking gauges	4/11
Height scribing gauges	4/14
Height and scribing gauges	4/15



Scriber 0300



Specification

- Packaging: Individually packed

				Length mm	Material	Ref. No.	List price Euro
			With straight screw-in scriber:				
▪				175	Hardened chrome vanadium steel	0300 007	1.70
			With one straight and one L-shaped screw-in scribers:				
▪				250	Hardened chrome vanadium steel	0300 008	1.90
			With one straight and one angled screw-in and burnished scribers:				
▪				200	Hardened chrome vanadium steel	0300 011	1.70
			With straight scriber, ball point pen form, incl. 20 interchangeable marking scribers:				
▪				125	Hardened chrome vanadium steel	0300 013	8.80
			One piece hexagonal body with a pocket clip:				
▪				180	Carbide tipped	0300 102	4.90
			With straight screw-in scriber:				
▪				175	Carbide tipped	0300 103	4.90
			With straight scriber, plastic handle:				
▪				110	Carbide tipped	0300 112	4.00
			With one straight and one angled screw-in and burnished scribers:				
▪				250	Carbide tipped	0300 114	7.60

Replacement scriber



				Length mm	Material	Ref. No.	List price Euro
For scribers 0300 007, 0300 008:							
	▪			86	Chrome vanadium steel, straight	0300 009	0.90
For scriber 0300 008:							
	▪			80	Chrome vanadium steel, L-shaped	0300 010	0.90
For scriber 0300 013:							
(Package = 50 pieces)	▪			16	Chrome vanadium steel, straight	0300 014	1.70





Precision divider 0301



Specification

- With a rivetted hinge
- Special steel
- Hardened needle shaped ground points
- Packaging: Individually packed

			Length mm	Ref. No.	List price Euro
▪			150	0301 001	6.30
▪			175	0301 002	7.20
▪			200	0301 003	8.00
▪			250	0301 004	11.10
▪			300	0301 005	13.50
▪			400	0301 006	36.50
▪			500	0301 007	51.00
▪			600	0301 008	68.00
▪			800	0301 009	95.00
▪			1000	0301 010	139.00

Precision divider with quadrant 0302



Specification

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

			Length mm	Ref. No.	List price Euro
▪			150	0302 001	9.30
▪			175	0302 002	10.30
▪			200	0302 003	10.90
▪			250	0302 004	14.30
▪			300	0302 005	18.70
▪			400	0302 006	52.00
▪			500	0302 007	64.00
▪			600	0302 008	83.00
▪			800	0302 009	115.00
▪			1000	0302 010	159.00



Spring divider 0310

HP



Specification

- Quick release set screw
- Special steel
- Fixed points
- Hardened points
- Quick release set screw and spring are burnished
- Packaging: Cardboard box

				Length mm	Ref. No.	List price Euro
▪				100	0310 101	3.00
▪				150	0310 103	3.60
▪				200	0310 105	4.00
▪				250	0310 107	5.10
▪				300	0310 108	6.10

Spring divider 0311

HP



Specification

- Quick release set screw
- Special steel
- Interchangeable points
- Hardened points
- Quick release set screw and spring are burnished
- Packaging: Cardboard box

				Length mm	Ref. No.	List price Euro
▪				100	0311 101	3.00
▪				150	0311 103	4.00
▪				200	0311 105	4.90
▪				250	0311 107	5.90
▪				300	0311 108	6.30

Pair of replacement points for spring dividers

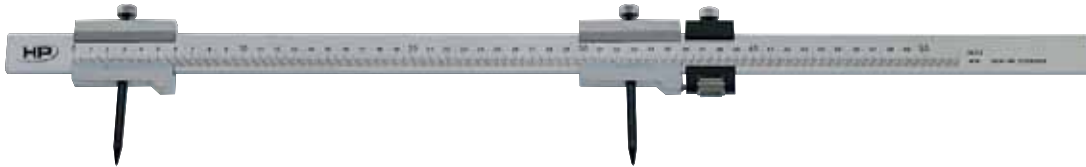
HP

				Material	Ref. No.	List price Euro
▪				Hardened	0311 120	1.90
▪				Carbide tipped	0311 121	16.60





Beam trammel 0316



Specification

- With interchangeable steel points
- Stainless steel
- Locking screw
- Fine adjustment
- Factory standard
- Packaging: Individually packed

Home	Navigation	Waterproof	Measuring range mm	Measuring beam mm	Reading mm	Ref. No.	List price Euro
▪			500	25 x 6	0.1	0316 201	101.00
▪			1000	25 x 6	0.1	0316 202	151.00

Pair of replacement points, threaded



Specification

- Thread M5
- Packaging: Individually packed

Home	Navigation	Waterproof	Material	Diameter mm	Ref. No.	List price Euro
▪			Hardened	6	0316 110	6.70
▪			Carbide	6	0316 111	25.20

Beam trammel with roller 0316



Specification

- Flat beam
- Special steel
- Locking screw
- Fine adjustment
- Factory standard
- Packaging: Individually packed

Home	Navigation	Waterproof	Measuring range mm	Measuring beam mm	Reading mm	Ref. No.	List price Euro
▪			500	25 x 6	0.1	0316 151	99.00
▪			1000	25 x 6	0.1	0316 152	119.00
		▪	1500	25 x 6	0.1	0316 153	159.00
		▪	2000	25 x 6	0.1	0316 154	205.00



Beam compass with round measuring beam 0317

HP

Specification

- Guide groove
- Beam is made of special steel
- Slide bars are made of aluminium
- mm graduated scale
- Locking screw
- Interchangeable hardened scribers
- Factory standard
- Packaging: Individually packed

			Measuring range mm	Measuring beam dia. mm	Reading mm	Ref. No.	List price Euro
Without fine adjustment:							
▪			500	20	0.1	0317 001	49.70
▪			1000	20	0.1	0317 002	70.00
▪		▪	1500	20	0.1	0317 003	98.00
▪		▪	2000	20	0.1	0317 004	141.00
		▪	3000	28	0.1	0317 005	326.00
		▪	4000	28	0.1	0317 006	530.00
		▪	5000	28	0.1	0317 007	708.00
With fine adjustment:							
▪			500	20	0.1	0317 101	62.00
▪			1000	20	0.1	0317 102	83.00
▪		▪	1500	20	0.1	0317 103	118.00
▪		▪	2000	20	0.1	0317 104	153.00
		▪	3000	28	0.1	0317 105	354.00
		▪	4000	28	0.1	0317 106	558.00
		▪	5000	28	0.1	0317 107	736.00

Pair of replacement points (clamp)

HP

			Material	Diameter mm	Ref. No.	List price Euro
▪			Hardened	6	0317 010	4.40
▪			Carbide tipped	6	0317 110	20.80



Marking caliper 0314



Specification

- Special steel
- Locking screw
- Laser graduated scale
- Factory standard
- Packaging:
Individually packed

			Measuring range		Jaw length mm	Reading mm	Ref. No.	List price Euro
			mm	dia.				
With hardened scribing tips:								
▪			150	300	40	0.1	0314 002	67.00
▪			200	400	40	0.1	0314 003	76.00
▪			250	500	40	0.1	0314 004	80.00
▪			300	600	40	0.1	0314 005	84.00
Carbide scribing tips:								
▪			150	300	40	0.1	0314 102	102.00
▪			200	400	40	0.1	0314 103	120.00
▪			250	500	40	0.1	0314 104	124.00
▪			300	600	40	0.1	0314 105	129.00

Combined internal / external caliper 0308



Specification

- Internal and external caliper
- Stainless steel
- Matt chrome plated scale
- With a rivetted hinge
- mm graduated scale for internal and external measurement
- Packaging:
Cardboard box

			Measuring range	Total length	Ref. No.	List price Euro
			mm	mm		
▪			120	190	0308 201	82.00
▪			160	250	0308 202	98.00
▪			200	310	0308 303	119.00
▪			300	460	0308 305	141.00



Precision internal caliper 0303

HP

Specification

- With a rivetted hinge
- Special steel
- Hardened measuring points
- Packaging: Individually packed

			Length mm	Ref. No.	List price Euro
▪			150	0303 001	6.10
▪			175	0303 002	6.70
▪			200	0303 003	7.60
▪			250	0303 004	8.20
▪			300	0303 005	9.30
▪			400	0303 006	11.40
▪			500	0303 007	14.10
			600	0303 008	21.40
			800	0303 009	30.90
			1000	0303 010	56.00
		▪	1200	0303 012	495.00
		▪	1500	0303 015	525.00
		▪	2000	0303 020	560.00

Precision external caliper 0304

HP

Specification

- With a rivetted hinge
- Special steel
- Hardened measuring points
- Packaging: Individually packed

			Length mm	Ref. No.	List price Euro
▪			150	0304 001	6.10
▪			175	0304 002	6.70
▪			200	0304 003	7.60
▪			250	0304 004	8.20
▪			300	0304 005	9.30
▪			400	0304 006	11.40
▪			500	0304 007	14.10
			600	0304 008	21.40
			800	0304 009	30.90
			1000	0304 010	56.00
		▪	1200	0304 012	495.00
		▪	1500	0304 015	525.00
		▪	2000	0304 020	560.00



Spring internal caliper 0312



Specification

- Internal caliper with quick release set screw
- Special steel
- Quick release set screw and spring are burnished
- Packaging: Cardboard box

			Length mm	Ref. No.	List price Euro
▪			100	0312 101	3.00
▪			150	0312 103	4.20
▪			200	0312 105	5.10
▪			250	0312 107	6.30
▪			300	0312 108	7.60

Spring external caliper 0313



Specification

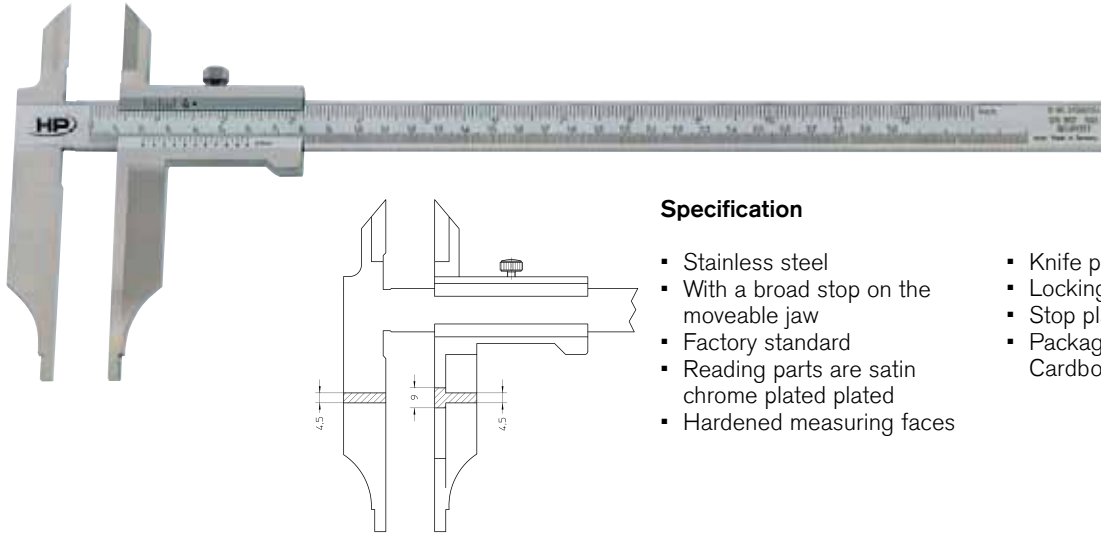
- External caliper with quick release set screw
- Special steel
- Quick release set screw and spring are burnished
- Packaging: Cardboard box

			Length mm	Ref. No.	List price Euro
▪			100	0313 101	3.00
▪			150	0313 103	4.20
▪			200	0313 105	5.10
▪			250	0313 107	6.30
▪			300	0313 108	7.60



Marking caliper 0343

HP



Specification

- Stainless steel
- With a broad stop on the moveable jaw
- Factory standard
- Reading parts are satin chrome plated
- Hardened measuring faces
- Knife points
- Locking screw
- Stop plate 9 mm
- Packaging: Cardboard box

🏠	⊗	📏	Measuring range mm	Jaw length mm	Reading mm	Ref. No.	List price Euro
Stepped jaws for inside measurement 10 mm:							
▪			250	90	0.05	0343 501	231.00
▪			300	90	0.05	0343 503	260.00
Stepped jaws for inside measurement 20 mm:							
			500	150	0.05	0343 508	598.00

Marking caliper 0344

HP



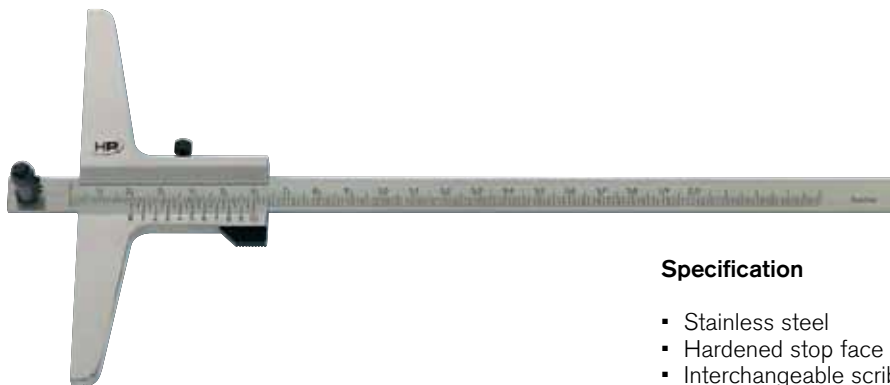
Specification

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

🏠	⊗	📏	Measuring range mm	Stop length mm	Reading mm	Ref. No.	List price Euro
▪			160	135	0.05	0344 501	113.00
▪			250	135	0.05	0344 502	144.00
▪			300	160	0.05	0344 503	183.00
▪			500	160	0.05	0344 505	388.00



Marking gauge 0318



Specification

- Stainless steel
- Hardened stop face
- Interchangeable scriber
- Factory standard
- Packaging: Individually packed

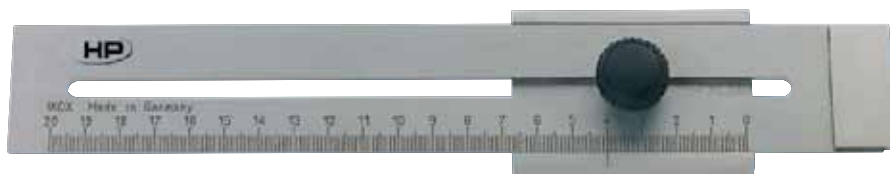
	🏠	🔒	🌧️		Measuring range	Length of stop bar	Reading	Ref. No.	List price
					mm	mm	mm		Euro
▪					200	130	0.05	0318 201	134.00
▪					300	130	0.05	0318 203	142.00

Replacement scriber



	🏠	🔒	🌧️		Material	Ref. No.	List price
							Euro
▪					Special steel	0318 210	5.50
▪					Carbide tipped	0318 211	28.30

Marking gauge 0321



Specification

- Flat, stable construction
- Stainless steel, chrome finish
- Locking screw
- Hardened stop face
- mm graduated scale
- Factory standard
- Packaging: Cardboard box

	🏠	🔒	🌧️		Measuring range	Blade width	Reading	Ref. No.	List price
					mm	mm	mm		Euro
▪					200	40	1/1	0321 301	19.70
▪					250	40	1/1	0321 302	21.80
▪					300	40	1/1	0321 303	22.30
▪					500	40	1/1	0321 305	42.90



Marking gauge with a round measuring beam 0319

HP

Specification

- With guide groove
- Stainless steel beam
- Slide bars are made of steel, rectangular stop plate
- Interchangeable hardened scriber
- mm graduated scale
- Factory standard
- Packaging: Cardboard box

			Measuring range mm	Measuring beam dia. mm	Reading mm	Ref. No.	List price Euro
Without fine adjustment:							
▪			200	12	0.1	0319 001	31.90
▪			300	12	0.1	0319 002	39.70
▪			400	12	0.1	0319 003	57.00
▪			500	12	0.1	0319 004	76.00
With fine adjustment:							
▪			200	12	0.1	0319 101	40.70
▪			300	12	0.1	0319 102	47.60
▪			400	12	0.1	0319 103	65.00
▪			500	12	0.1	0319 104	83.00

Replacement scriber

HP

			Material	Ref. No.	List price Euro
▪			Hardened steel	0319 010	3.40
▪			Carbide	0319 510	34.40



Marking gauge with a round measuring beam 0320



Specification

- With guide groove
- Stainless steel beam
- Slide bars are made of steel, round stop plate
- Interchangeable hardened scriber
- mm graduated scale
- Packaging: Cardboard box

			Measuring range mm	Measuring beam dia. mm	Reading mm	Ref. No.	List price Euro
Non hardened stop plate:							
▪			300	12	0.1	0320 001	39.70
▪			500	12	0.1	0320 002	76.00
Hardened stop plate :							
▪			300	12	0.1	0320 101	62.00
▪			500	12	0.1	0320 102	98.00

Replacement scriber



Specification

- Packaging: Individually packed

			Material	Ref. No.	List price Euro
▪			Hardened steel	0319 010	3.40
▪			Carbide	0319 510	34.40



Height scribing gauge 0331



Specification

- Measuring beam is made of special steel
- Vernier and scale are satin chrome plated
- Parallax free reading
- Locking screw
- Sliding scriber
- Steel base with a carbide plate
- Packaging: Individually packed

			Measuring range mm	Measuring beam mm	Base mm	Reading mm	Fine adjustment	Ref. No.	List price Euro
With straight hardened scriber:									
▪			300	20 x 20	120 x 75	0.05	yes	0331 301	205.00
▪			500	20 x 20	120 x 75	0.05	yes	0331 302	254.00
▪			600	20 x 20	120 x 75	0.05	no	0331 303	389.00
▪			1000	20 x 20	180 x 100	0.05	no	0331 304	562.00
With straight carbide scriber:									
▪			300	20 x 20	120 x 75	0.05	yes	0331 311	246.00
▪			500	20 x 20	120 x 75	0.05	yes	0331 312	297.00
▪			600	20 x 20	120 x 75	0.05	no	0331 313	418.00
▪			1000	20 x 20	180 x 100	0.05	no	0331 314	592.00

Replacement scriber for 0331



			Material	Length mm	Scriber mm	Ref. No.	List price Euro
Straight scriber							
▪			Hardened tip	270	8 x 8	0331 011	99.00
▪			Carbide tip	270	8 x 8	0331 111	129.00



Height and scribing gauge 0336



Specification

- Hardened cast base
- Upper surface of the base is ground
- With dust grooves
- Measuring beam special steel
- Vernier and scale are satin chrome plated
- Parallax free reading
- Fine adjustment
- Locking screw
- With a mounting arm for dial gauges dia. 8 mm H7
- Interchangeable carbide tipped scribers
- Factory standard
- Packaging: Individually packed
- For further accessories please refer to page 4/19

			Measuring range mm	Measuring beam mm	Reading mm	Ref. No.	List price Euro
Base 60 x 40 x 100 mm:							
▪			300	25 x 6	0.02	0336 301	367.00
Base 110 x 50 x 160 mm:							
▪			600	30 x 12	0.02	0336 302	506.00
▪			1000	30 x 12	0.02	0336 304	1,117.00
		▪	1500	40 x 20	0.02	0336 305	on Request
		▪	2000	40 x 20	0.02	0336 306	on Request

Replacement scriber for 0336



Specification

- Carbide tipped
- Packaging: Individually packed

			Length mm	Ref. No.	List price Euro
For measuring range 300 mm					
▪			65	0334 101	65.00
			120	0334 105	79.00
For measuring range 600 mm + 1000 mm					
▪			75	0334 102	108.00
			150	0334 106	119.00

Wooden case for 0336



			For measuring range mm	Ref. No.	List price Euro
▪			300	0334 601	29.40
▪			600	0334 602	98.00
▪			1000	0334 604	161.00



Height and scribing gauge 0338 for model builders



Specification

- Interchangeable rule
- Special steel
- Reading parts are satin chrome plated
- Parallax free reading
- Locking screw
- Pinion adjustment
- 2 mm graduated scale for straight and cranked scribes
- Factory standard
- Supplied with a carbide tipped cranked scriber
- Straight scriber has to be ordered separately!
- Packaging: Individually packed
- For further accessories please refer to page 4/17

			Measuring range mm	Measuring beam mm	Reading mm	Ref. No.	List price Euro
Base dia. 160 mm:							
▪			600	20 x 20	0.1	0338 302	1,048.00
▪			1000	20 x 20	0.1	0338 303	1,350.00
Base dia. 280 mm:							
	▪		1500	40 x 20	0.1	0338 304	2,410.00
	▪		2000	40 x 20	0.1	0338 305	3,328.00

Contraction rule for 0338



Specification

- Special steel, satin chrome plated
- Packaging: Individually packed

			Measuring range mm	Graduation %	Ref. No.	List price Euro
			600	0.50	0338 311	124.00
			1000	0.50	0338 312	140.00
			600	0.80	0338 316	124.00
			1000	0.80	0338 317	140.00
			600	1.00	0338 321	124.00
			1000	1.00	0338 322	140.00
			600	1.25	0338 326	124.00
			1000	1.25	0338 327	140.00
			600	1.50	0338 331	124.00
			1000	1.50	0338 332	140.00
			600	1.75	0338 336	124.00
			1000	1.75	0338 337	140.00
			600	2.00	0338 341	124.00
			1000	2.00	0338 342	140.00
			600	2.50	0338 346	124.00
			1000	2.50	0338 347	140.00



Replacement scriber for 0338



			Material	Shaft mm	Ref. No.	List price Euro
			Cranked			
▪			Hardened steel	8 x 8	0338 354	128.00
			Carbide	8 x 8	0338 357	164.00
			Straight			
▪			Hardened steel	8 x 8	0331 011	99.00
			Carbide	8 x 8	0331 111	129.00

Wooden case for 0338



			For measuring range mm	Ref. No.	List price Euro
			600	0338 361	111.00
			1000	0338 362	159.00

DIGI-MET® Height and scribing gauge 0340



Specification

- Cast base non hardened
- LCD-display 6 mm
- Factory standard
- Locking screw
- Interchangeable carbide tipped scribers
- Fine adjustment
- Packaging: Polystyrene

Functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold Function
- PRESET Function (setting a numerical value)
- For further accessories please refer to pages 4/18 and 4/19

			Measuring range		Measuring beam		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Base 90 x 40 x 140 mm:										
▪			300	12	25 x 10	1.0 x 0.39	0.01	.0005	0340 701	566.00
▪			600	24	25 x 10	1.0 x 0.39	0.01	.0005	0340 702	660.00

Replacement scriber please refer to page 4/18

Accessories

	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50



DIGI-MET® Height and scribing gauge 0342

HP



Specification

- Hardened cast base
- Upper surface of the base is ground
- With dust grooves
- Special steel
- LCD-display 6 mm
- Factory standard
- Locking screw
- With a mounting arm for dial gauges dia. 8 mm H7
- Interchangeable carbide tipped scribers
- Fine adjustment
- Packaging: Individually packed

Functions

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

			Measuring range		Measuring beam		Reading		Ref. No.	List price Euro
			mm	inch	mm	inch	mm	inch		
Base 60 x 40 x 100 mm:										
▪			300	12	25 x 10	1.0 x 0.24	0.01	.0005	0342 701	684.00
Base 110 x 50 x 160 mm:										
▪			600	24	30 x 12	1.18 x 0.47	0.01	.0005	0342 702	760.00
▪			1000	39	30 x 12	1.18 x 0.47	0.01	.0005	0342 704	1,340.00

Accessories	Ref. No.	List price Euro
Battery, 3V-Lithium, CR 2032	0220 704	3.40
Cable for Opto to RS 232	0996 701	67.00
Cable for Opto to USB	0996 705	127.50

Replacement scriber for 0340 and 0342

HP



Specification

- Carbide tipped
- Packaging: Individually packed

			Length	Ref. No.	List price Euro
For measuring range 300 mm					
▪			65	0334 101	65.00
For measuring range 600 mm + 1000 mm					
▪			75	0334 102	108.00





Holder for dial gauges / lever gauges



Specification

- Replaces scriber
- Packaging: Individually packed

Home	QuickLock	QuickStart	Material mm	Ref. No.	List price Euro
▪			Special steel	0342 101	97.00

Rotate and tilt dial gauge holder



Specification

- Mounting arm with 8 mm bore hole
- Packaging: Individually packed










Home	QuickLock	QuickStart	Material mm	Ref. No.	List price Euro
▪			Special steel	0334 110	57.00

Wooden case for 0342



Home	QuickLock	QuickStart	For measuring range mm	Ref. No.	List price Euro
▪			300	0334 601	29.40
▪			600	0334 602	98.00
▪			1000	0334 604	161.00



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
 	Data output: OPTO or Data variable
	Accuracy according to DIN



CHAPTER 5 - SQUARES, PROTRACTORS, BEVEL PROTRACTORS

Inspection squares	5/2
Workshop squares	5/3
Lightweight squares	5/5
Mitre squares, Acute angle squares	5/6
Inspection squares, hardened	5/8
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Protractors	5/13
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Inspection square 0368

HP

Specification

- With base
- DIN 875
- **Accuracy: GG 0**
- Packaging: Cardboard box



DIN
875

				Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:							
▪				75 x 50	15 x 5	0368 102	13.90
▪				100 x 70	20 x 5	0368 103	16.20
▪				150 x 100	25 x 5	0368 104	24.60
▪				200 x 130	30 x 6	0368 105	31.50
▪				250 x 165	35 x 7	0368 106	45.50
▪				300 x 200	40 x 8	0368 107	61.00
				400 x 265	45 x 10	0368 108	134.00
				500 x 330	50 x 10	0368 109	196.00
				600 x 400	50 x 10	0368 110	280.00
				750 x 500	60 x 12	0368 111	480.00
		▪		1000 x 660	70 x 15	0368 112	860.00
Stainless steel:							
▪				75 x 50	15 x 5	0368 202	20.80
▪				100 x 70	20 x 5	0368 203	22.50
▪				150 x 100	25 x 5	0368 204	38.60
▪				200 x 130	30 x 6	0368 205	55.00
▪				250 x 165	35 x 7	0368 206	81.00
▪				300 x 200	40 x 8	0368 207	90.00
				400 x 265	45 x 10	0368 208	170.00
				500 x 330	50 x 10	0368 209	235.00
				600 x 400	50 x 10	0368 210	350.00
				750 x 500	60 x 12	0368 211	600.00
		▪		1000 x 660	70 x 15	0368 212	1,275.00

Inspection square 0369

HP

Specification

- Flat type
- DIN 875
- **Accuracy: GG 0**
- Packaging: Cardboard box



DIN
875

				Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:							
▪				75 x 50	15 x 5	0369 102	9.10
▪				100 x 70	20 x 5	0369 103	10.30
▪				150 x 100	25 x 5	0369 104	12.60
▪				200 x 130	30 x 6	0369 105	20.80
▪				250 x 165	35 x 7	0369 106	28.80
▪				300 x 200	40 x 8	0369 107	37.10
				400 x 265	45 x 10	0369 108	90.00
				500 x 330	50 x 10	0369 109	111.00
				600 x 400	50 x 10	0369 110	220.00
				750 x 500	60 x 12	0369 111	410.00
		▪		1000 x 660	70 x 15	0369 112	730.00
Stainless steel:							
▪				75 x 50	15 x 5	0369 202	15.10
▪				100 x 70	20 x 5	0369 203	16.60
▪				150 x 100	25 x 5	0369 204	22.00
▪				200 x 130	30 x 6	0369 205	33.40
▪				250 x 165	35 x 7	0369 206	44.50
▪				300 x 200	40 x 8	0369 207	61.00
				400 x 265	45 x 10	0369 208	117.00
				500 x 330	50 x 10	0369 209	163.00
				600 x 400	50 x 10	0369 210	275.00
				750 x 500	60 x 12	0369 211	513.00
		▪		1000 x 660	70 x 15	0369 212	962.00





Workshop square 0370



Specification

- With base
- DIN 875
- **Accuracy: GG 1**
- Packaging: Cardboard box



**DIN
875**

			Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			75 x 50	15 x 5	0370 102	8.80
▪			100 x 70	20 x 5	0370 103	9.90
▪			150 x 100	25 x 5	0370 104	10.10
▪			200 x 130	30 x 6	0370 105	16.40
▪			250 x 165	35 x 7	0370 106	21.80
▪			300 x 200	40 x 8	0370 107	26.70
▪			400 x 265	45 x 10	0370 108	72.00
▪			500 x 330	50 x 10	0370 109	106.00
			600 x 400	50 x 10	0370 110	149.00
			750 x 500	60 x 12	0370 111	333.00
		▪	1000 x 660	70 x 15	0370 112	564.00
Stainless steel:						
▪			75 x 50	15 x 5	0370 202	12.20
▪			100 x 70	20 x 5	0370 203	14.90
▪			150 x 100	25 x 5	0370 204	20.40
▪			200 x 130	30 x 6	0370 205	27.10
▪			250 x 165	35 x 7	0370 206	40.70
▪			300 x 200	40 x 8	0370 207	48.70
▪			400 x 265	45 x 10	0370 208	146.00
▪			500 x 330	50 x 10	0370 209	180.00
			600 x 400	50 x 10	0370 210	305.00
			750 x 500	60 x 12	0370 211	572.00
		▪	1000 x 660	70 x 15	0370 212	995.00

Workshop square 0371



Specification

- Flat type
- DIN 875
- **Accuracy: GG 1**
- Packaging: Cardboard box



**DIN
875**

			Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			75 x 50	15 x 5	0371 102	6.70
▪			100 x 70	20 x 5	0371 103	7.00
▪			150 x 100	25 x 5	0371 104	8.40
▪			200 x 130	30 x 6	0371 105	11.60
▪			250 x 165	35 x 7	0371 106	17.60
▪			300 x 200	40 x 8	0371 107	20.80
▪			400 x 265	45 x 10	0371 108	52.00
▪			500 x 330	50 x 10	0371 109	74.00
			600 x 400	50 x 10	0371 110	103.00
			750 x 500	60 x 12	0371 111	227.00
		▪	1000 x 660	70 x 15	0371 112	389.00
Stainless steel:						
▪			75 x 50	15 x 5	0371 202	8.20
▪			100 x 70	20 x 5	0371 203	9.90
▪			150 x 100	25 x 5	0371 204	13.90
▪			200 x 130	30 x 6	0371 205	19.30
▪			250 x 165	35 x 7	0371 206	28.10
▪			300 x 200	40 x 8	0371 207	34.40
▪			400 x 265	45 x 10	0371 208	113.00
▪			500 x 330	50 x 10	0371 209	141.00
			600 x 400	50 x 10	0371 210	234.00
			750 x 500	60 x 12	0371 211	429.00
		▪	1000 x 660	70 x 15	0371 212	692.00



Workshop square 0372

HP

Specification

- With base
- Special steel
- DIN 875
- **Accuracy: GG 2**
- Packaging: Cardboard box

DIN
875



				Blade length mm	Cross section mm	Ref. No.	List price Euro
▪				75 x 50	15 x 5	0372 102	6.50
▪				100 x 70	20 x 5	0372 103	7.20
▪				150 x 100	25 x 5	0372 104	9.50
▪				200 x 130	30 x 6	0372 105	12.20
▪				250 x 165	35 x 7	0372 106	16.60
▪				300 x 175	35 x 7	0372 107	20.80
▪				400 x 200	35 x 7	0372 108	35.00
▪				500 x 250	40 x 8	0372 109	45.90
▪				600 x 300	40 x 8	0372 110	62.00
▪				750 x 375	45 x 10	0372 111	79.00
▪				1000 x 500	50 x 10	0372 112	108.00
			▪	1500 x 750	60 x 12	0372 113	390.00
			▪	2000 x 1000	60 x 12	0372 114	665.00

Workshop square 0373

HP

Specification

- Flat type
- Special steel
- DIN 875
- **Accuracy: GG 2**
- Packaging: Cardboard box

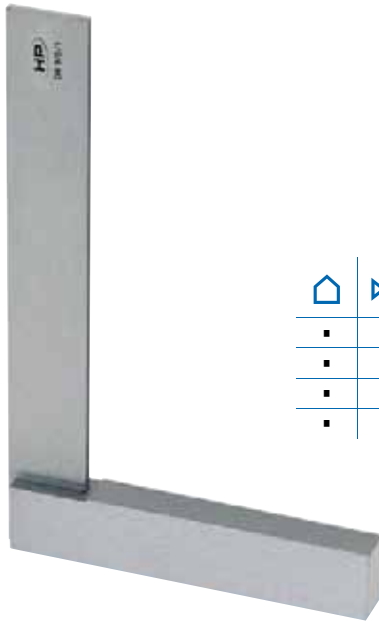
DIN
875



				Blade length mm	Cross section mm	Ref. No.	List price Euro
▪				75 x 50	15 x 5	0373 102	3.40
▪				100 x 70	20 x 5	0373 103	5.30
▪				150 x 100	25 x 5	0373 104	7.20
▪				200 x 130	30 x 6	0373 105	8.80
▪				250 x 165	35 x 7	0373 106	12.20
▪				300 x 175	35 x 7	0373 107	15.60
▪				400 x 200	35 x 7	0373 108	23.50
▪				500 x 250	40 x 8	0373 109	34.40
▪				600 x 300	40 x 8	0373 110	45.90
▪				750 x 375	45 x 10	0373 111	61.00
▪				1000 x 500	50 x 10	0373 112	90.00
			▪	1500 x 750	60 x 12	0373 113	299.00
			▪	2000 x 1000	60 x 12	0373 114	586.00



Workshop square 0376



Specification

- With stock and blade
- Special steel
- DIN 875
- **Accuracy: GG 1**
- Packaging: Cardboard box

**DIN
875**

🏠	⌘	📏	Blade length mm	Stock mm	Blade mm	Ref. No.	List price Euro
▪			75 x 50	14 x 10	14 x 2	0376 102	10.70
▪			100 x 70	16 x 10	16 x 3	0376 103	11.40
▪			150 x 100	20 x 12	22 x 3	0376 104	14.30
▪			200 x 130	24 x 14	24 x 3	0376 105	19.30

Lightweight square 0364



Specification

- With weight reducing holes
- With base
- Stainless steel
- DIN 875
- Packaging: Individually packed

**DIN
875**

🏠	⌘	📏	Blade length mm	Cross section mm	Ref. No.	List price Euro
Grade 1						
▪			500 x 330	50 x 10	0364 209	435.00
▪			750 x 500	60 x 12	0364 211	565.00
▪			1000 x 660	70 x 15	0364 212	620.00
Grade 2						
▪			1000 x 500	50 x 10	0364 242	485.00

Accessories

Transport case	Ref. No.	List price Euro
For blade length 500 x 330	0003 310	195.00
For blade length 750 x 500	0003 314	235.00
For blade length 1000 x 660	0003 316	255.00
For blade length 1000 x 500	0003 326	255.00



Mitre square 135°, 0378

HP



Specification

- Special steel
- Factory standard
- Packaging: Cardboard box

			Blade length mm	Cross section mm	Ref. No.	List price Euro
With base:						
▪			120 x 80	20 x 5	0378 103	16.60
▪			150 x 100	20 x 5	0378 104	18.70
▪			200 x 130	25 x 5	0378 105	24.60
Flat type:						
▪			120 x 80	20 x 5	0378 113	12.20
▪			150 x 100	20 x 5	0378 114	16.60
▪			200 x 130	25 x 5	0378 115	22.50

Acute angle square 45°, 0379

HP



Specification

- Special steel
- Factory standard
- Packaging: Cardboard box

			Blade length mm	Cross section mm	Ref. No.	List price Euro
With base:						
▪			120 x 80	20 x 5	0379 103	24.40
▪			150 x 100	20 x 5	0379 104	27.10
▪			200 x 130	25 x 5	0379 105	36.50
Flat type:						
▪			120 x 80	20 x 5	0379 113	17.20
▪			150 x 100	20 x 5	0379 114	18.70
▪			200 x 130	25 x 5	0379 115	27.10





Centre square 0380



Specification

- Special steel
- Factory standard
- With mm graduated scale
- Scale has a satin chrome finish
- Packaging: Cardboard box, from 400 mm = individually packed

			Blade length mm	For shafts up to diameter	Ref. No.	List price Euro
Special steel, chromed:						
▪			100 x 70	90	0380 103	27.10
▪			150 x 130	190	0380 104	31.90
▪			200 x 150	220	0380 105	39.70
▪			250 x 160	230	0380 106	45.90
▪			300 x 180	280	0380 107	60.00
Special steel:						
▪			400 x 250	380	0380 108	228.00
▪			500 x 330	530	0380 109	406.00



Inspection square, hardened 0385

HP

Specification

- With base
- DIN 875
- **Accuracy: GG 0**
- Packaging: Cardboard box

DIN
875



			Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			50 x 40	15 x 4	0385 102	22.00
▪			75 x 50	15 x 4	0385 103	23.50
▪			100 x 70	20 x 5	0385 104	28.10
▪			150 x 100	30 x 6	0385 105	42.00
▪			200 x 130	30 x 7	0385 106	58.00
▪			300 x 200	40 x 8	0385 108	102.00
Stainless steel:						
▪			50 x 40	15 x 4	0385 202	30.60
▪			75 x 50	15 x 4	0385 203	34.00
▪			100 x 70	20 x 5	0385 204	42.00
▪			150 x 100	30 x 6	0385 205	55.00
▪			200 x 130	30 x 7	0385 206	71.00
▪			300 x 200	40 x 8	0385 208	105.00

Inspection square, hardened 0386

HP

Specification

- Flat type
- DIN 875
- **Accuracy: GG 0**
- Packaging: Cardboard box

DIN
875



			Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			50 x 40	15 x 4	0386 102	16.60
▪			75 x 50	15 x 4	0386 103	17.90
▪			100 x 70	20 x 5	0386 104	21.80
▪			150 x 100	30 x 6	0386 105	27.10
▪			200 x 130	30 x 7	0386 106	35.00
▪			300 x 200	40 x 8	0386 108	67.00
Stainless steel:						
▪			50 x 40	15 x 4	0386 202	21.00
▪			75 x 50	15 x 4	0386 203	23.90
▪			100 x 70	20 x 5	0386 204	28.10
▪			150 x 100	30 x 6	0386 205	36.50
▪			200 x 130	30 x 7	0386 206	47.20
▪			300 x 200	40 x 8	0386 208	93.00



Hardened square 0390



Specification

- With stock and blade
- DIN 875
- **Accuracy: GG 0**
- Without knife edge
- Packaging: Cardboard box

**DIN
875**



			Blade length mm	Blade mm	Stock mm	Ref. No.	List price Euro
Special steel:							
▪			50 x 40	14 x 10	16 x 2	0390 102	31.50
▪			75 x 50	14 x 10	18 x 2	0390 103	31.50
▪			100 x 70	16 x 10	18 x 2	0390 104	36.50
▪			150 x 100	20 x 12	22 x 3	0390 105	46.60
▪			200 x 130	24 x 14	26 x 3	0390 106	62.00
▪			300 x 200	30 x 18	32 x 3	0390 108	105.00
Stainless steel:							
▪			50 x 40	14 x 10	16 x 2	0390 202	41.80
▪			75 x 50	14 x 10	18 x 2	0390 203	47.60
▪			100 x 70	16 x 10	18 x 2	0390 204	60.00
▪			150 x 100	20 x 12	22 x 3	0390 205	77.00
▪			200 x 130	24 x 14	26 x 3	0390 206	97.00
▪			300 x 200	30 x 18	32 x 3	0390 208	149.00

Hardened square 0391



Specification

- With stock and blade
- With knife edge
- DIN 875
- **Accuracy: GG 00**
- Packaging: Cardboard box

**DIN
875**



			Blade length mm	Blade mm	Stock mm	Ref. No.	List price Euro
Special steel, non-glare knife edge:							
▪			50 x 40	14 x 10	16 x 2	0391 102	49.10
▪			75 x 50	14 x 10	18 x 2	0391 103	49.10
▪			100 x 70	16 x 10	18 x 2	0391 104	63.00
▪			150 x 100	20 x 12	22 x 3	0391 105	80.00
▪			200 x 130	24 x 14	26 x 3	0391 106	108.00
▪			300 x 200	30 x 18	32 x 3	0391 108	157.00
Stainless steel:							
▪			50 x 40	14 x 10	16 x 2	0391 202	58.00
▪			75 x 50	14 x 10	18 x 2	0391 203	65.00
▪			100 x 70	16 x 10	18 x 2	0391 204	74.00
▪			150 x 100	20 x 12	22 x 3	0391 205	95.00
▪			200 x 130	24 x 14	26 x 3	0391 206	121.00
▪			300 x 200	30 x 18	32 x 3	0391 208	198.00



Knife edge square, hardened 0388

HP

Specification

- Flat type
- DIN 875
- **Accuracy: GG 00**
- Packaging: Cardboard box

DIN
875



				Blade length mm	Cross section mm	Ref. No.	List price Euro
Special steel, non-glare knife edge:							
▪				50 x 40	14 x 4	0388 102	17.60
▪				75 x 50	15 x 4	0388 103	20.80
▪				100 x 70	20 x 5	0388 104	25.00
▪				150 x 100	25 x 6	0388 105	33.60
▪				200 x 130	30 x 7	0388 106	47.60
▪				300 x 200	40 x 8	0388 108	82.00
Stainless steel:							
▪				50 x 40	14 x 4	0388 202	20.80
▪				75 x 50	15 x 4	0388 203	24.60
▪				100 x 70	20 x 5	0388 204	29.60
▪				150 x 100	25 x 6	0388 205	38.20
▪				200 x 130	30 x 7	0388 206	56.00
▪				300 x 200	40 x 8	0388 208	123.00
▪				500 x 330	40 x 10	0388 210	467.00

Knife edge square, hardened 0394

HP

Specification

- Satin chrome reading parts
- Sliding knife edge rule: 7 x 7 x 100 mm, adjustable to angles up to $\pm 5^\circ$
- Handle 35 x 13 x 60 mm
- Packaging: Wooden case



				Ref. No.	List price Euro
▪				0394 101	164.00

Replacement rule

HP

	Ref. No.	List price Euro
Replacement rule for 0394	0394 104	33.40



Knife edge square, hardened 0387



Specification

- Flat type
- Stainless steel
- DIN 875
- **Accuracy: GG 00**
- Angle 90°
- Shearing knife edge on the inside

- Packaging:
Individually packed

**DIN
875**

				Blade length mm	Beam mm	Blade mm	Ref. No.	List price Euro
▪				25 x 20	6 x 3.5	5 x 3.5	0387 200	15.60
▪				40 x 28	8 x 3.5	5 x 3.5	0387 201	15.60

Inspection square set



Set contains:

- Knife edge square 0387 200 and 0387 201
- Packaging:
Wooden case

	Ref. No.	List price Euro
Inspection square set	0387 204	36,50

5 piece inspection set 0397



Set contains:




- 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
- Packaging:
Wooden case

				Ref. No.	List price Euro
▪				0397 101	160.00



Wooden case for squares 0003



			Blade length mm	Dimensions mm	Ref. No.	List price Euro
For squares with base						
▪			50 x 40	55 x 45 x 22	0003 280	3.60
▪			75 x 50	80 x 55 x 22	0003 281	4.00
			100 x 70	105 x 75 x 22	0003 282	4.20
▪			150 x 100	160 x 105 x 27	0003 284	5.90
▪			200 x 130	210 x 135 x 34	0003 286	7.80
▪			250 x 165	260 x 170 x 38	0003 288	16.80
▪			300 x 200	312 x 205 x 42	0003 290	16.80
▪			400 x 265	412 x 270 x 48	0003 292	32.00
▪			500 x 330	512 x 335 x 54	0003 294	36.10
For Flat type squares						
▪			50 x 40	55 x 45 x 22	0003 280	3.60
▪			75 x 50	80 x 55 x 22	0003 281	4.00
			100 x 70	105 x 75 x 22	0003 282	4.20
▪			150 x 100	160 x 105 x 27	0003 283	5.30
▪			200 x 130	210 x 135 x 34	0003 285	6.70
▪			250 x 165	260 x 170 x 38	0003 287	7.40
▪			300 x 200	312 x 205 x 42	0003 289	10.10
▪			400 x 265	412 x 270 x 48	0003 291	29.00
▪			500 x 330	512 x 335 x 54	0003 293	32.30



Protractor 0410

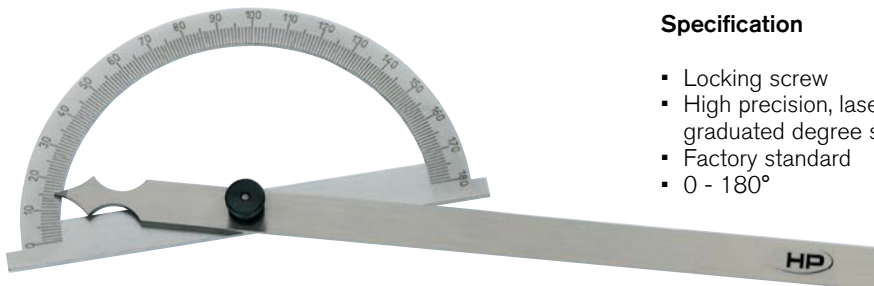


Specification

- With rivetted hinge
- Special steel, matt chrome plated
- Factory standard
- 0 - 180°
- Packaging: Cardboard box

Home	QuickLock	QuickStart	Waterproof acc. IP	Data output	DIN	Ref. No.	List price Euro
▪						0410 301	20.80
▪						0410 302	26.00
▪						0410 303	28.10
▪						0410 304	41.80

Protractor 0411



Specification

- Locking screw
- High precision, laser graduated degree scale
- Factory standard
- 0 - 180°
- Packaging: Cardboard box, from 300 mm the protractor is individually packed

Home	QuickLock	QuickStart	Waterproof acc. IP	Data output	DIN	Ref. No.	List price Euro
Special steel:							
▪						0411 101	19.70
▪						0411 102	24.60
▪						0411 103	30.90
▪						0411 104	40.90
▪						0411 105	58.00
▪						0411 106	71.00
						0411 107	94.00
						0411 108	121.00
						0411 109	129.00
						0411 110	134.00
Special steel, matt chrome plated graduated arc:							
▪						0411 301	21.80
▪						0411 302	28.10
▪						0411 303	31.30
▪						0411 304	44.90
▪						0411 305	63.00
▪						0411 306	80.00
						0411 307	102.00
						0411 308	128.00
						0411 309	135.00
						0411 310	166.00



Protractor 0412



Specification

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

				Graduated arc dia. mm	Pointer arm mm	Ref. No.	List price Euro
▪				80	120	0412 201	30.90
▪				120	150	0412 202	33.40
▪				150	200	0412 203	34.40
▪				200	300	0412 204	48.20

Protractor 0413



0413 301

Specification

- Locking screw
- Special steel
- Factory standard
- 0 - 180°
- High precision, laser graduated degree scale
- Graduated in opposite directions
- Matt chrome plated
- Packaging: Cardboard box



0413 302

				Dimensions mm	Pointer arm mm	Ref. No.	List price Euro
Semicircular head:							
▪				dia. 85	150	0413 301	13.50
Rectangular head:							
▪				85 x 50	150	0413 302	14.90



Bevel protractor 0415



Specification

- Locking screw
- Special steel, pointer arm is matt chrome plated
- Factory standard
- Adjustable stop bar 10° - 170°
- High precision, laser graduated degree scale
- Packaging: Individually packed



			Graduated arc dia. mm	Pointer arm mm	Ref. No.	List price Euro
▪			100	150	0415 301	56.00
▪			150	300	0415 302	87.00
			200	400	0415 303	118.00
			250	500	0415 304	163.00
			300	600	0415 305	184.00

Bevel protractor 0416



Specification

- Locking screw
- Special steel, pointer arm is matt chrome plated
- Factory standard
- Adjustable stop bar 10° - 170°
- High precision, laser graduated degree scale
- Two-way adjustable stop bar
- Packaging: Individually packed



			Graduated arc dia. mm	Pointer arm mm	Ref. No.	List price Euro
▪			100	150	0416 301	113.00
▪			150	300	0416 302	148.00
			200	400	0416 303	191.00
			250	500	0416 304	317.00
			300	600	0416 305	368.00



Universal bevel protractor 0420



Specification

- Locking screw
- Stainless steel
- Factory standard
- Vernier scale reading 5 minutes
- Packaging: Cardboard box

				Segment	Blade mm	Ref. No.	List price Euro
▪				4 x 90°	150	0420 201	48.70
▪				4 x 90°	200	0420 202	52.00
▪				4 x 90°	300	0420 203	56.00



0420 121



0420 122



0420 124

Accessories

					Ref. No.	List price Euro
▪				Magnifying lense	0420 121	14.10
▪				Angle stop	0420 122	27.10
▪				Prismatic base	0420 124	34.00
▪				Replacement blade 150 mm	0420 206	16.00
▪				Replacement blade 200 mm	0420 207	16.80
▪				Replacement blade 300 mm	0420 208	17.00



Universal bevel protractor with magnifying lense 0422



Specification

- Locking screw
- Stainless steel
- Factory standard
- Fine adjustment screw
- Parallax free reading
- Reading parts satin chrome plated
- Vernier scale reading 5 minutes
- Hardened beam
- Packaging: Wooden case

🏠	⏪	📏	Segment	Blade mm	Ref. No.	List price Euro
▪			4 x 90°	150	0422 501	105.00
▪			4 x 90°	200	0422 502	124.00
▪			4 x 90°	300	0422 503	127.00
			4 x 90°	500	0422 504	136.00

DIGI-MET® Universal bevel protractor 0425



Specification

- Locking screw
- Stainless steel
- Factory standard
- Packaging: Wooden case

Functions

- ON/OFF switch
- Accuracy: 1 angular minute or 0.01 angular degree
- Display difference: ± 0.5 angular minutes
- Data output: Opto RS 232









🏠	⏪	📏	Blade mm	Ref. No.	List price Euro
			150	0425 701	911.00
			200	0425 702	916.00
			300	0425 703	932.00

Replacement blades for 0422 / 0425



🏠	⏪	📏	Blade mm	Ref. No.	List price Euro
▪			150	0425 211	25.00
▪			200	0425 212	28.10
▪			300	0425 213	31.50
▪			500	0425 214	44.50



	mit ▪ gekennzeichnet = ab Lager lieferbar
	mit ▪ gekennzeichnet = kostenlos kalibriert mit Prüfzertifikat
	mit ▪ gekennzeichnet = Überlänge/Übergewicht - Messbereich größer als 1000 mm - Gewicht schwerer als 20 Kg Frachtkosten werden nach Aufwand berechnet
	QuickLock Die Tasten des Messmittels sind gegen unbeabsichtigte Betätigung (Nullen) gesperrt (Tastensperre). Erkennbar am Schloss-Symbol im Display.
	QuickStart Die Anzeige springt sofort bei Betätigen des Gerätes an. Das Messgerät behält die eingestellte 0-Stellung und verliert diese auch in der Schlummer-Funktion nicht.
	IP-Schutzart Schutzgrad gegen Berührung, Fremdkörper und Wasser nach DIN EN 60529 und DIN 40050.
	Datenausgang: OPTO oder Data variable
	Genauigkeit nach DIN

KAPITEL 6 - MASSSTÄBE, LINEALE, LEHREN, RICHTMITTEL

Maßstäbe	6/2
Lineale	6/8
Haarlineale	6/10
Montagelineale, Abrichtlineale	6/11
Tuschierlineale	6/12
Prüfplatten	6/13
Läpp- u. Prüftisch, Mess u. Prüfplatten	6/14
Aufspannwinkel	6/16
Sinuslineale, Prismen	6/17
Parallel-Unterlagen	6/21
Messsäulen und Normalwinkel	6/22
Richtwaagen	6/23
Kleinlehren	6/25
Fühlerlehren, -Bänder und Unterlagsfolien	6/32
Endmaße	6/36
Prüfstifte	6/44
Grenzlehrdorne	6/46
Grensrachenlehren	6/48
Einstell-Lehrringe	6/50
Gewindegrenzlehrdorne	6/51
Gewindelehrringe	6/52



Graduated straight rule 0451

HP



DIN
866-A

Specification

- DIN 866-A
- Tolerance class in accordance to DIN 2268
- 10 mm protective end
- mm graduated scale
- Packaging: Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			500	30 x 6	0451 101	22.50
▪			1000	40 x 8	0451 102	51.00
		▪	1500	40 x 8	0451 103	92.00
		▪	2000	50 x 10	0451 104	128.00
		▪	3000	50 x 10	0451 105	265.00
		▪	4000	60 x 12	0451 106	482.00
Stainless steel:						
▪			500	30 x 6	0451 201	39.90
▪			1000	40 x 8	0451 202	91.00
		▪	1500	40 x 8	0451 203	136.00
		▪	2000	50 x 10	0451 204	239.00
		▪	3000	50 x 10	0451 205	482.00
		▪	4000	60 x 12	0451 206	870.00

Graduated straight rule 0452

HP



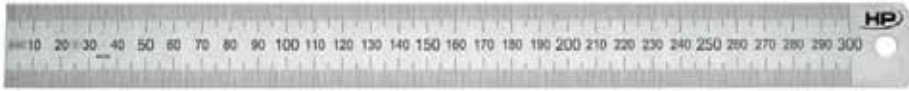
DIN
866-B

Specification

- DIN 866-B
- Tolerance class in accordance to DIN 2268
- Type B
- Graduated scale begins directly on the end of rule, the other end has a 10 mm protective end
- Packaging: Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Special steel:						
▪			500	25 x 5	0452 101	11.80
▪			1000	30 x 6	0452 103	25.20
▪		▪	1500	30 x 6	0452 104	38.60
▪		▪	2000	40 x 8	0452 105	64.00
		▪	2500	40 x 8	0452 106	131.00
		▪	3000	40 x 8	0452 107	144.00
		▪	4000	50 x 10	0452 108	276.00
		▪	5000	60 x 12	0452 109	496.00
Stainless steel:						
▪			500	25 x 5	0452 201	22.50
▪			1000	30 x 6	0452 203	51.00
▪		▪	1500	30 x 6	0452 204	87.00
▪		▪	2000	40 x 8	0452 205	139.00
		▪	2500	40 x 8	0452 206	267.00
		▪	3000	40 x 8	0452 207	277.00
		▪	4000	50 x 10	0452 208	498.00
		▪	5000	60 x 12	0452 209	951.00

Flexible steel rule 0460



0460202



0460222



0460241

Specification

- Stainless spring band steel
- EC grade II
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Scales: mm top and bottom						
▪			150	13 x 0.5	0460 201	0.90
▪			200	13 x 0.5	0460 202	0.90
▪			300	15 x 0.5	0460 204	1.30
▪			500	20 x 0.5	0460 205	3.60
▪			1000	20 x 0.5	0460 206	8.00
▪			300	30 x 1.0	0460 207	2.80
▪			500	30 x 1.0	0460 208	6.70
▪			1000	30 x 1.0	0460 209	13.90
▪			1500	30 x 1.0	0460 210	22.50
▪			2000	30 x 1.0	0460 211	27.10
▪			3000	30 x 1.0	0460 212	62.00
▪		▪	3000	30 x 2.0	0460 213	97.00
Scales: 1/2 mm top, mm bottom						
▪			150	13 x 0.5	0460 221	0.90
▪			200	13 x 0.5	0460 222	0.90
▪			250	15 x 0.5	0460 223	1.30
▪			300	15 x 0.5	0460 224	1.30
▪			500	20 x 0.5	0460 225	3.60
▪			1000	20 x 0.5	0460 226	8.00
▪			300	30 x 1.0	0460 227	2.80
▪			500	30 x 1.0	0460 228	6.70
▪			1000	30 x 1.0	0460 229	13.90
			1500	30 x 1.0	0460 230	22.50
			2000	30 x 1.0	0460 231	27.10
			3000	30 x 1.0	0460 232	62.00
		▪	3000	30 x 2.0	0460 233	97.00
Scales: 1/16", 1/32", 1/64" top; 1/2 mm, 1/1 mm bottom						
▪			150	13 x 0.5	0460 241	0.90
▪			200	13 x 0.5	0460 242	0.90
▪			250	15 x 0.5	0460 243	1.30
▪			300	15 x 0.5	0460 244	1.30
▪			500	20 x 0.5	0460 245	3.60
▪			1000	20 x 0.5	0460 246	8.00
			300	30 x 1.0	0460 247	2.80
			500	30 x 1.0	0460 248	6.70
			1000	30 x 1.0	0460 249	13.90
			1500	30 x 1.0	0460 250	22.50
			2000	30 x 1.0	0460 251	27.10
			3000	30 x 1.0	0460 252	62.00
		▪	3000	30 x 2.0	0460 253	97.00



Flexible steel rule, matt chrome 0460

HP



0460 502



0460 522

Specification

- Stainless spring band steel
- Scales matt chrome plated
- EC grade II
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Scales: mm top and bottom						
▪			150	13 x 0.5	0460 501	2.30
▪			200	13 x 0.5	0460 502	3.60
▪			300	15 x 0.5	0460 504	4.20
▪			500	20 x 0.5	0460 505	9.30
▪			1000	20 x 0.5	0460 506	18.90
▪			300	30 x 1.0	0460 507	4.90
▪			500	30 x 1.0	0460 508	10.30
▪			1000	30 x 1.0	0460 509	21.40
▪		▪	1500	35 x 1.3	0460 510	62.00
▪		▪	2000	35 x 1.3	0460 511	98.00
▪		▪	3000	35 x 1.3	0460 512	206.00
Scales: 1/2 mm top and mm bottom						
▪			150	13 x 0.5	0460 521	2.30
▪			200	13 x 0.5	0460 522	3.60
▪			300	15 x 0.5	0460 524	4.20
▪			500	20 x 0.5	0460 525	9.30
▪			1000	20 x 0.5	0460 526	18.90
▪			300	30 x 1.0	0460 527	4.90
▪			500	30 x 1.0	0460 528	10.30
▪			1000	30 x 1.0	0460 529	21.40



Contraction rule for model builders 0461



Specification

- Stainless spring band steel
- Scales matt chrome plated
- Factory standard
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Contraction scale: 0.30%						
▪			300	15 x 0.5	0461 501	4.00
▪			500	30 x 1.0	0461 502	16.60
▪			1000	35 x 1.3	0461 503	42.00
▪		▪	2000	35 x 1.3	0461 504	94.00
Contraction scale: 0.40%						
▪			300	15 x 0.5	0461 505	4.00
▪			500	30 x 1.0	0461 506	16.60
▪			1000	35 x 1.3	0461 507	42.00
▪		▪	2000	35 x 1.3	0461 508	94.00
Contraction scale: 0.50%						
▪			300	15 x 0.5	0461 509	4.00
▪			500	30 x 1.0	0461 510	16.60
▪			1000	35 x 1.3	0461 511	42.00
▪		▪	2000	35 x 1.3	0461 512	94.00
Contraction scale: 0.60%						
▪			300	15 x 0.5	0461 513	4.00
▪			500	30 x 1.0	0461 514	16.60
▪			1000	35 x 1.3	0461 515	42.00
▪		▪	2000	35 x 1.3	0461 516	94.00
Contraction scale: 0.70%						
▪			300	15 x 0.5	0461 517	4.00
▪			500	30 x 1.0	0461 518	16.60
▪			1000	35 x 1.3	0461 519	42.00
▪		▪	2000	35 x 1.3	0461 520	94.00
Contraction scale: 0.75%						
▪			300	15 x 0.5	0461 521	4.00
▪			500	30 x 1.0	0461 522	16.60
▪			1000	35 x 1.3	0461 523	42.00
▪		▪	2000	35 x 1.3	0461 524	94.00
Contraction scale: 0.80%						
▪			300	15 x 0.5	0461 525	4.00
▪			500	30 x 1.0	0461 526	16.60
▪			1000	35 x 1.3	0461 527	42.00
▪		▪	2000	35 x 1.3	0461 528	94.00
Contraction scale: 0.90%						
▪			300	15 x 0.5	0461 529	4.00
▪			500	30 x 1.0	0461 530	16.60
▪			1000	35 x 1.3	0461 531	42.00
▪		▪	2000	35 x 1.3	0461 532	94.00



Contraction rule for model builders 0461



Specification

- Stainless spring band steel
- Scales matt chrome plated
- Factory standard
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Contraction scale: 1.00%						
▪			300	15 x 0.5	0461 533	4.00
▪			500	30 x 1.0	0461 534	16.60
▪			1000	35 x 1.3	0461 535	42.00
▪		▪	2000	35 x 1.3	0461 536	94.00
Contraction scale: 1.25%						
▪			300	15 x 0.5	0461 537	4.00
▪			500	30 x 1.0	0461 538	16.60
▪			1000	35 x 1.3	0461 539	42.00
▪		▪	2000	35 x 1.3	0461 540	94.00
Contraction scale: 1.50%						
▪			300	15 x 0.5	0461 541	4.00
▪			500	30 x 1.0	0461 542	16.60
▪			1000	35 x 1.3	0461 543	42.00
▪		▪	2000	35 x 1.3	0461 544	94.00
Contraction scale: 1.75%						
▪			300	15 x 0.5	0461 545	4.00
▪			500	30 x 1.0	0461 546	16.60
▪			1000	35 x 1.3	0461 547	42.00
▪		▪	2000	35 x 1.3	0461 548	94.00
Contraction scale: 2.00%						
▪			300	15 x 0.5	0461 549	4.00
▪			500	30 x 1.0	0461 550	16.60
▪			1000	35 x 1.3	0461 551	42.00
▪		▪	2000	35 x 1.3	0461 552	94.00
Contraction scale: 2.25%						
▪			300	15 x 0.5	0461 553	4.00
▪			500	30 x 1.0	0461 554	16.60
▪			1000	35 x 1.3	0461 555	42.00
▪		▪	2000	35 x 1.3	0461 556	94.00
Contraction scale: 2.50%						
▪			300	15 x 0.5	0461 557	4.00
▪			500	30 x 1.0	0461 558	16.60
▪			1000	35 x 1.3	0461 559	42.00
▪		▪	2000	35 x 1.3	0461 560	94.00



Steel scale tape for circumference and diameter 0458



Specification

- Factory standard
- Vernier 0.1 mm
- Main scale graduation 1 mm
- Packaging:
Individually packed

			For circumference mm	For diameter mm	Ref. No.	List price Euro
Spring band steel:						
▪			60 - 950	20 - 300	0458 102	33.40
▪			940 - 2200	300 - 700	0458 103	39.90
▪			2190 - 3460	700 - 1100	0458 104	51.00
			3450 - 4720	1100 - 1500	0458 105	61.00
			4710 - 5980	1500 - 1900	0458 106	74.00
			5960 - 7230	1900 - 2300	0458 107	84.00
			7220 - 8500	2300 - 2700	0458 108	210.00
			8480 - 9760	2700 - 3100	0458 109	226.00
			9730 - 11010	3100 - 3500	0458 110	262.00
			11000 - 12260	3500 - 3900	0458 111	409.00
			12250 - 13500	3900 - 4300	0458 112	420.00
			13500 - 14760	4300 - 4700	0458 113	424.00
			14760 - 16020	4700 - 5100	0458 114	430.00
			16020 - 17270	5100 - 5500	0458 115	441.00
			17270 - 18520	5500 - 5900	0458 116	451.00
			18350 - 19780	5900 - 6300	0458 117	579.00
Stainless spring band steel:						
▪			60 - 950	20 - 300	0458 202	59.00
▪			940 - 2200	300 - 700	0458 203	75.00
▪			2190 - 3460	700 - 1100	0458 204	91.00
			3450 - 4720	1100 - 1500	0458 205	120.00
			4710 - 5980	1500 - 1900	0458 206	146.00
			5960 - 7230	1900 - 2300	0458 207	171.00

Interior circumference tape 0458



Specification

- Interior circumference tapes to measure the internal circumference and the diameter of a round, oval or a continuous polygon bore
- Main scale graduation 1 mm
- Vernier 0.1 mm
- Laser graduation
- Stainless spring band steel
- The tape is attached through an expanding collet
- Packaging:
Cardboard box

			For circumference mm	For diameter mm	Ref. No.	List price Euro
			720 - 1550	230 - 490	0458 252	250.00
			940 - 2200	300 - 700	0458 253	261.00
			2190 - 3620	700 - 1100	0458 254	279.00
			3450 - 4720	1100 - 1500	0458 255	320.00
			4710 - 5980	1500 - 1900	0458 256	349.00
			5970 - 7230	1900 - 2300	0458 257	414.00
			7220 - 8500	2300 - 2700	0458 258	482.00
Expanding collet for interior circumference tapes:						
				For all sizes	0458 291	376.00



Inspection steel rule 0464 / 0465



DIN
874

Accuracy: 0

Accuracy: 1

Specification

- DIN 874 Sheet 1
- Accuracy: 0 and 1
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Accuracy: 0						
Special steel, rectangular cross section:						
▪			500	50 x 10	0464 101	57.00
▪			750	50 x 10	0464 102	82.00
▪			1000	60 x 12	0464 103	128.00
▪	▪		1500	70 x 15	0464 104	216.00
Special steel, I shaped cross section, 2 hand slots:						
	▪		2000	80 x 15	0464 105	387.00
	▪		2500	100 x 16	0464 106	659.00
	▪		3000	120 x 18	0464 107	1,012.00
	▪		4000	140 x 20	0464 108	1,740.00
	▪		5000	140 x 20	0464 109	2,163.00
Stainless steel, rectangular cross section:						
			500	50 x 10	0464 201	90.00
			750	50 x 10	0464 202	123.00
			1000	60 x 12	0464 203	233.00
	▪		1500	70 x 15	0464 204	387.00
Stainless steel, I shaped cross section, 2 hand slots:						
	▪		2000	80 x 15	0464 205	718.00
	▪		2500	100 x 16	0464 206	1,249.00
	▪		3000	120 x 18	0464 207	2,210.00
	▪		4000	140 x 20	0464 208	3,942.00
	▪		5000	140 x 20	0464 209	4,985.00
Accuracy: 1						
Special steel, rectangular cross section:						
▪			500	40 x 8	0465 101	28.10
▪			750	50 x 10	0465 102	46.60
▪			1000	50 x 10	0465 103	62.00
▪	▪		1500	60 x 12	0465 104	115.00
Special steel, I shaped cross section, 2 hand slots:						
▪	▪		2000	70 x 15	0465 105	233.00
	▪		2500	80 x 15	0465 106	438.00
	▪		3000	100 x 16	0465 107	752.00
	▪		4000	120 x 18	0465 108	1,215.00
	▪		5000	140 x 20	0465 109	2,105.00
Stainless steel, rectangular cross section:						
			500	40 x 8	0465 201	51.00
			750	50 x 10	0465 202	79.00
			1000	50 x 10	0465 203	142.00
	▪		1500	60 x 12	0465 204	223.00
Stainless steel, I shaped cross section, 2 hand slots:						
	▪		2000	70 x 15	0465 205	526.00
	▪		2500	80 x 15	0465 206	802.00
	▪		3000	100 x 16	0465 207	1,546.00
	▪		4000	120 x 18	0465 208	2,276.00
	▪		5000	140 x 20	0465 209	4,174.00



Workshop steel rule 0466



**DIN
874**

Specification

- DIN 874 Sheet 1
- Accuracy: 2
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Accuracy: 2						
Special steel, rectangular cross section:						
▪			500	30 x 6	0466 101	19.30
▪			750	40 x 8	0466 102	34.00
▪			1000	40 x 8	0466 103	38.60
▪	▪		1500	50 x 10	0466 104	74.00
▪	▪		2000	60 x 12	0466 105	101.00
	▪		2500	70 x 15	0466 106	223.00
	▪		3000	80 x 15	0466 107	349.00
Special steel, I shaped cross section, 2 hand slots:						
	▪		4000	100 x 16	0466 108	829.00
	▪		5000	120 x 18	0466 109	1,249.00
Stainless steel, rectangular cross section:						
			500	30 x 6	0466 201	33.40
			750	40 x 8	0466 202	58.00
			1000	40 x 8	0466 203	84.00
	▪		1500	50 x 10	0466 204	178.00
	▪		2000	60 x 12	0466 205	300.00
	▪		2500	70 x 15	0466 206	498.00
	▪		3000	80 x 15	0466 207	713.00
Stainless steel, I shaped cross section, 2 hand slots:						
	▪		4000	100 x 16	0466 208	1,326.00
	▪		5000	120 x 18	0466 209	1,989.00



Knife edge rule 0512

HP**DIN
874**

Specification

- DIN 874 Sheet 2, accuracy GG 00 from 500 mm: Factory standard
- Thermally insulated
- Pointed tip at one end
- Both chamfers made of special steel. Glare free and burnished
- Packaging: Imitation leather case

			Length mm	Cross section mm	Ref. No.	List price Euro
Special steel, hardened and ground:						
▪			75	22 x 6	0512 101	9.10
▪			100	22 x 6	0512 102	10.30
▪			125	22 x 6	0512 103	11.60
▪			150	22 x 6	0512 104	13.20
▪			200	22 x 6	0512 105	17.20
▪			300	30 x 7	0512 106	32.30
▪			400	40 x 7	0512 107	57.00
▪			500	40 x 7	0512 108	90.00
Stainless steel, hardened and ground:						
▪			75	22 x 6	0512 201	11.80
▪			100	22 x 6	0512 202	13.90
▪			125	22 x 6	0512 203	14.50
▪			150	22 x 6	0512 204	16.20
▪			200	22 x 6	0512 205	18.70
▪			300	30 x 7	0512 206	40.90
▪			400	40 x 7	0512 207	74.00
▪			500	40 x 7	0512 208	101.00
			600	40 x 7	0512 209	195.00
			750	45 x 10	0512 210	360.00
			1000	45 x 10	0512 211	454.00

Wooden case for knife edge rule 0512

HP

			For length mm	Ref. No.	List price Euro
▪			75	0512 601	4.00
▪			100	0512 602	4.00
▪			125	0512 603	4.20
▪			150	0512 604	5.30
▪			200	0512 605	5.10
▪			300	0512 606	7.60
▪			400	0512 607	7.80
▪			500	0512 608	11.80
▪			600	0512 609	11.80
▪			750	0512 610	20.80
▪			1000	0512 611	32.30

Mounting straight edge 0467

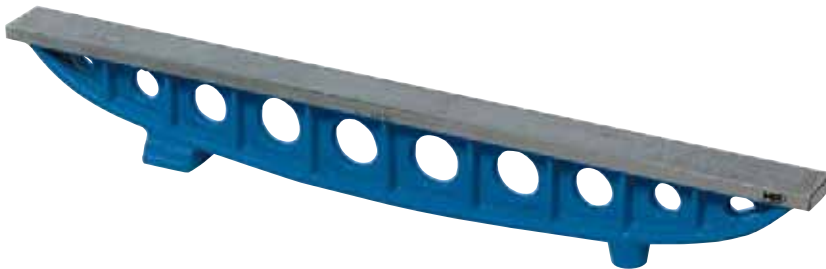


Specification

- DIN 874 Sheet 1
- Special steel
- Packaging:
Individually packed

			Length mm	Cross section mm	Ref. No.	List price Euro
Accuracy: GG 0						
			1000	160 x 50	0467 011	564.00
		▪	1500	160 x 50	0467 012	807.00
		▪	2000	160 x 50	0467 013	1,051.00
		▪	2500	160 x 50	0467 014	1,353.00
		▪	3000	180 x 60	0467 015	2,264.00
		▪	4000	180 x 60	0467 016	3,148.00
		▪	5000	200 x 80	0467 017	5,465.00
Accuracy: GG 1						
			1000	100 x 30	0467 111	415.00
		▪	1500	100 x 30	0467 112	559.00
		▪	2000	120 x 40	0467 113	747.00
		▪	2500	120 x 40	0467 114	1,022.00
		▪	3000	140 x 40	0467 115	1,377.00
		▪	4000	140 x 40	0467 116	1,812.00
		▪	5000	140 x 40	0467 117	2,871.00

Blade type straight edge 0470



Specification

- Made of special impermeable cast iron
- Packaging:
Individually packed

			Length mm	Width mm	Ref. No.	List price Euro
Measuring face impermeable, superfinely shaved, accuracy GG 0:						
			500	40	0470 101	211.00
			750	45	0470 102	228.00
			1000	50	0470 103	431.00
		▪	1500	60	0470 104	885.00
		▪	2000	70	0470 105	1,326.00
		▪	3000	90	0470 107	2,084.00
Measuring face finely shaved, accuracy GG 1:						
			500	40	0470 111	178.00
			750	45	0470 112	201.00
			1000	50	0470 113	349.00
		▪	1500	60	0470 114	718.00
		▪	2000	70	0470 115	1,105.00
		▪	3000	90	0470 117	1,933.00



Straight edge 0471

HP

DIN
876



Specification

- Made of special impermeable cast iron
- Packaging: Individually packed

			Dimensions mm	Ref. No.	List price Euro
Measuring face impermeable, superfinely shaved, accuracy GG 0:					
			500 x 50 x 110	0471 101	277.00
			750 x 50 x 110	0471 102	431.00
		▪	1000 x 56 x 140	0471 103	664.00
		▪	1500 x 70 x 175	0471 104	1,326.00
		▪	2000 x 80 x 200	0471 105	2,043.00
Measuring face finely shaved, accuracy GG 1:					
			500 x 50 x 110	0471 111	223.00
			750 x 50 x 110	0471 112	333.00
		▪	1000 x 56 x 140	0471 113	526.00
		▪	1500 x 70 x 175	0471 114	1,022.00
		▪	2000 x 80 x 200	0471 115	1,713.00

Straight edge 0472

HP

DIN
876



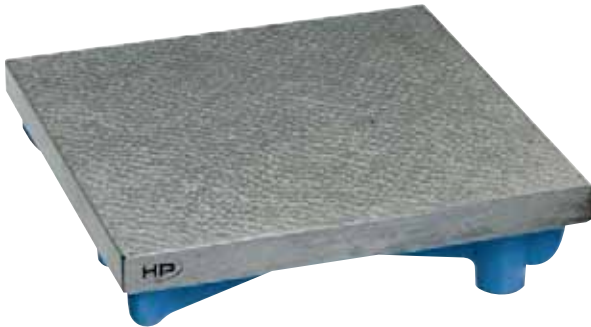
Specification

- Made of special impermeable cast iron
- Machined on both ends
- Packaging: Individually packed

			Length mm	Width mm	Ref. No.	List price Euro
Accuracy GG 0, 60°:						
			250	45	0472 101	201.00
			500	60	0472 102	344.00
			750	80	0472 103	498.00
		▪	1000	100	0472 104	774.00
		▪	1500	110	0472 105	1,271.00
Accuracy GG 1, 60°:						
			250	45	0472 111	167.00
			500	60	0472 112	267.00
			750	80	0472 113	288.00
		▪	1000	100	0472 114	664.00
		▪	1500	110	0472 115	1,051.00
Accuracy GG 0, 45°:						
			250	50	0472 121	201.00
			500	75	0472 122	366.00
			750	90	0472 123	526.00
		▪	1000	120	0472 124	802.00
		▪	1500	120	0472 125	1,299.00
Accuracy GG 1, 45°:						
			250	50	0472 131	157.00
			500	75	0472 132	305.00
			750	90	0472 133	487.00
		▪	1000	120	0472 134	718.00
		▪	1500	120	0472 135	1,105.00



Inspection plate 0478



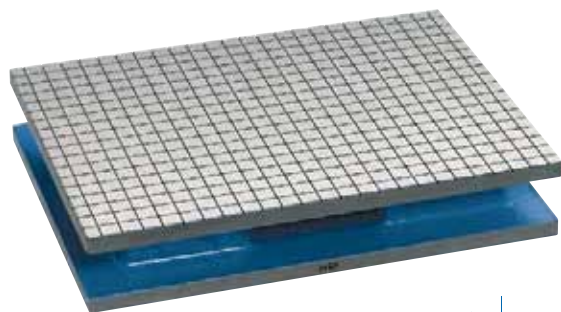
Specification

- Special cast iron
- Flatness in accordance to DIN 876-2
- Ripped construction
- Additional sizes and degree of accuracy on request
- Base stands, please refer to page 6/15
- Packaging:
Individually packed

			Dimensions mm	Ref. No.	List price Euro
Accuracy GG 0, scraped:					
			200 x 200	0478 012	144.00
			300 x 300	0478 015	250.00
		▪	400 x 300	0478 016	312.00
		▪	400 x 400	0478 017	405.00
		▪	500 x 400	0478 018	498.00
		▪	500 x 500	0478 019	622.00
		▪	600 x 500	0478 021	778.00
		▪	800 x 500	0478 024	1,117.00
		▪	1000 x 600	0478 027	1,736.00
		▪	1000 x 1000	0478 030	2,356.00
		▪	1500 x 1000	0478 032	4,154.00
		▪	2000 x 1000	0478 033	5,765.00
Accuracy GG 1, finely scraped:					
			200 x 200	0478 112	104.00
			300 x 300	0478 115	182.00
		▪	400 x 300	0478 116	250.00
		▪	400 x 400	0478 117	316.00
		▪	500 x 400	0478 118	348.00
		▪	500 x 500	0478 119	455.00
		▪	600 x 500	0478 121	499.00
		▪	800 x 500	0478 124	829.00
		▪	1000 x 600	0478 127	1,489.00
		▪	1000 x 1000	0478 130	1,860.00
		▪	1500 x 1000	0478 132	3,286.00
		▪	2000 x 1000	0478 133	4,650.00
Accuracy GG 3, milled:					
			200 x 200	0478 312	83.00
			300 x 300	0478 315	133.00
		▪	400 x 300	0478 316	161.00
		▪	400 x 400	0478 317	193.00
		▪	500 x 400	0478 318	250.00
		▪	500 x 500	0478 319	368.00
		▪	600 x 500	0478 321	405.00
		▪	800 x 500	0478 324	578.00
		▪	1000 x 600	0478 327	932.00
		▪	1000 x 1000	0478 330	1,303.00
		▪	1500 x 1000	0478 332	2,790.00
		▪	2000 x 1000	0478 333	3,345.00



Lapping and inspection plate 0482



Specification

- High grade cast iron
- Finely ground
- Reticular grooves
- Packaging: Wooden case

		Dimensions mm	Ref. No.	List price Euro
		360 x 260 x 65	0482 101	368.00

Measuring and inspection plate 0481



DIN
876



Specification

- Granite
- Flatness in accordance to DIN 876-1
- Acid resistant
- Steel ball inserts
- Further sizes and degrees of accuracy are available upon request
- **Cabinets and base stands must be ordered seperately**
- Packaging: Individually packed

		Dimensions mm	Ref. No.	List price Euro
Accuracy GG 0:				
		400 x 400 x 50	0481 023	275.00
		500 x 400 x 90	0481 024	397.00
		600 x 500 x 100	0481 025	596.00
		800 x 600 x 120	0481 028	991.00
		1000 x 600 x 140	0481 030	1,132.00
		1200 x 800 x 160	0481 034	1,868.00
Accuracy GG 0:				
		400 x 400 x 50	0481 043	233.00
		500 x 400 x 90	0481 044	341.00
		600 x 500 x 100	0481 045	506.00
		800 x 600 x 120	0481 048	850.00
		1000 x 600 x 140	0481 050	1,077.00
		1200 x 800 x 160	0481 054	1,698.00
Accuracy GG 1:				
		400 x 400 x 50	0481 103	200.00
		500 x 400 x 90	0481 104	289.00
		600 x 500 x 100	0481 105	442.00
		800 x 600 x 120	0481 108	736.00
		1000 x 600 x 140	0481 110	980.00
		1200 x 800 x 160	0481 114	1,558.00



Cabinets for measuring and inspection plates 0481



Specification

- Frame is made of angled steel and is completely panelled with steel
- Adjustable 3 point bearing fitting
- 2 adjustable screw for stability
- Lockable doors
- Drawers on roller bearings
- Shelves are removable
- Feet are adjustable to compensate for unevenness of the floor

Home	Lock	Waterproof	Specification	For plate sizes mm	Ref. No.	List price Euro
			▪ 1 door, 1 shelf	600 x 500	0481 184	998.00
			▪ 1 door, 1 shelf	800 x 600	0481 186	1,099.00
			▪ 2 doors, 1 drawer, 1 shelf	1000 x 600	0481 188	1,140.00
			▪ 2 doors, 1 drawer, 1 shelf	1200 x 800	0481 190	1,275.00

Base stand for surface plates 0478 and 0481



Home	Lock	Waterproof	Dimensions for surface plates mm	Ref. No.	List price Euro
For cast iron surface plates					
			400 x 400	0478 907	228.00
			500 x 400	0478 908	228.00
			500 x 500	0478 909	245.00
		▪	600 x 500	0478 911	256.00
		▪	800 x 500	0478 914	288.00
		▪	1000 x 600	0478 917	376.00
		▪	1000 x 1000	0478 920	397.00
		▪	1500 x 1000	0478 922	624.00
		▪	2000 x 1000	0478 923	736.00
For granite surface plates					
			400 x 400	0481 160	308.00
			500 x 400	0481 161	318.00
		▪	600 x 500	0481 162	336.00
		▪	800 x 600	0481 165	358.00
		▪	1000 x 600	0481 167	376.00
		▪	1200 x 800	0481 170	426.00



Angle plate 0490

HP**DIN
875****DIN
876**

Specification

- With clamping slots
- Made of impermeable special cast iron
- Flatness in accordance to DIN 876
- Angular accuracy in accordance to DIN 875
- Packaging: Individually packed

			Dimensions mm	Ref. No.	List price Euro
Accuracy GG 0:					
			150 x 75 x 100	0490 011	171.00
			200 x 100 x 150	0490 012	239.00
		▪	275 x 150 x 200	0490 013	375.00
		▪	400 x 225 x 300	0490 015	850.00
		▪	500 x 300 x 400	0490 016	1,360.00
Accuracy GG 1:					
			150 x 75 x 100	0490 111	137.00
			200 x 100 x 150	0490 112	205.00
			275 x 150 x 200	0490 113	318.00
		▪	400 x 225 x 300	0490 115	681.00
		▪	500 x 300 x 400	0490 116	1,020.00
Accuracy GG 3:					
			150 x 75 x 100	0490 311	86.00
			200 x 100 x 150	0490 312	137.00
		▪	275 x 150 x 200	0490 313	228.00
		▪	400 x 225 x 300	0490 315	454.00
		▪	500 x 300 x 400	0490 316	596.00

Angle plate 0491

HP**DIN
875****DIN
876**

Specification

- With T-grooves
- Made of impermeable special cast iron
- Flatness in accordance to DIN 876
- Angular accuracy in accordance to DIN 875
- Nominal dimension T-grooves 14 H 12
- Packaging: Individually packed

			Dimensions mm	T-grooves mm	Ref. No.	List price Euro
Accuracy GG 0:						
			150 x 75 x 100	2	0491 011	228.00
			200 x 100 x 150	2	0491 012	284.00
		▪	275 x 150 x 200	2	0491 013	454.00
		▪	300 x 150 x 200	3	0491 014	793.00
		▪	400 x 225 x 300	3	0491 015	964.00
		▪	500 x 300 x 400	4	0491 016	1,528.00
Accuracy GG 1:						
			150 x 75 x 100	2	0491 111	171.00
			200 x 100 x 150	2	0491 112	239.00
		▪	275 x 150 x 200	2	0491 113	397.00
		▪	300 x 150 x 200	3	0491 114	681.00
		▪	400 x 225 x 300	3	0491 115	850.00
		▪	500 x 300 x 400	4	0491 116	1,302.00
Accuracy GG 3:						
			150 x 75 x 100	2	0491 311	142.00
			200 x 100 x 150	2	0491 312	177.00
		▪	275 x 150 x 200	2	0491 313	294.00
		▪	300 x 150 x 200	3	0491 314	454.00
		▪	400 x 225 x 300	3	0491 315	567.00
		▪	500 x 300 x 400	4	0491 316	907.00



Sine bars 0513



0513 001



0513 011

DIN
2273

Specification

- Special steel, hardened
- DIN 2273
- Packaging:
Individually packed

			Roller spacing mm	Length tolerance ± N/mm	Ref. No.	List price Euro
Without stop type B:						
▪			100	2	0513 001	59.00
			200	4	0513 002	76.00
With stop type A:						
			100	2	0513 011	131.00
			200	4	0513 012	165.00

V-blocks (pair) 0504



Specification

- Special steel, hardened
- 90° grooves
- Machined in pairs
- Packaging:
Packed in pairs

			Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
Grade 0, parallelism tolerance < 0.008 mm, V-grooves and base finely ground:						
			100 x 40 x 30	6 - 40	0504 012	81.00
			150 x 50 x 40	8 - 50	0504 013	126.00
			200 x 70 x 50	8 - 70	0504 014	194.00
			250 x 85 x 55	12 - 85	0504 015	268.00
			300 x 100 x 65	12 - 100	0504 016	385.00
Grade 1, parallelism tolerance < 0.016 mm, V-grooves and base ground:						
▪			100 x 40 x 30	6 - 40	0504 112	57.00
▪			150 x 50 x 40	8 - 50	0504 113	76.00
▪			200 x 70 x 50	8 - 70	0504 114	126.00
			250 x 85 x 55	12 - 85	0504 115	228.00
			300 x 100 x 65	12 - 100	0504 116	318.00
Grade 3, parallelism tolerance < 0.064 mm, V-grooves and base milled:						
▪			100 x 40 x 30	6 - 40	0504 312	39.70
▪			150 x 50 x 40	8 - 50	0504 313	58.00
▪			200 x 70 x 50	8 - 70	0504 314	96.00
			250 x 85 x 55	12 - 85	0504 315	167.00
			300 x 100 x 65	12 - 100	0504 316	216.00



Pair of X type V-blocks (parallel) 0508

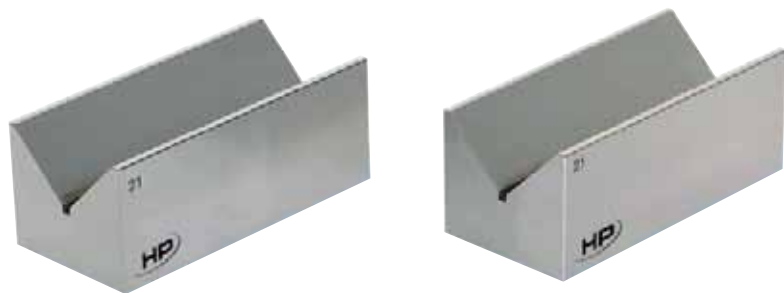


Specification

- Factory standard
- Special cast iron
- 4 x 90° grooves, different sizes
- Packaging:
Packed in pairs

			Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
Grade 0, parallelism tolerance < 0.008 mm, V-grooves and base finely ground:						
▪			60 x 120 x 100	8 - 90	0508 011	216.00
▪			75 x 150 x 130	10 - 120	0508 012	313.00
▪		▪	90 x 200 x 170	12 - 150	0508 013	483.00
Grade 1, parallelism tolerance < 0.016 mm, V-grooves and base ground:						
▪			60 x 120 x 100	8 - 90	0508 111	180.00
▪			75 x 150 x 130	10 - 120	0508 112	256.00
▪		▪	90 x 200 x 170	12 - 150	0508 113	391.00

V-blocks (pair) 0520



Specification

- Special steel, hardened
- Flatness, parallelism and right-angled tolerance is 0.004 mm
- 90° grooves, machined in pairs
- End face and base are angular
- Packaging:
Packed in pairs

			Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
▪			75 x 35 x 30	5 - 40	0520 101	116.00
▪			100 x 47 x 40	5 - 55	0520 102	152.00
▪			150 x 55 x 45	5 - 60	0520 103	203.00
▪			200 x 65 x 55	5 - 75	0520 104	282.00
▪			250 x 85 x 70	5 - 100	0520 105	385.00



Double V-blocks (pairs) with clamp 0522



Specification

- Special steel, hardened
- Flatness, parallelism and right-angled tolerance is 0.004 mm
- 2 x 90° grooves
- Machined in pairs
- End face and base are angular
- Packaging: Cardboard box

			Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
▪			50 x 40 x 40	5 - 30	0522 101	135.00
▪			75 x 55 x 55	5 - 50	0522 102	217.00
▪			100 x 75 x 75	7 - 70	0522 103	313.00

Clamp for double V-blocks (pairs)



			Length mm	Ref. No.	List price Euro
▪			50	0522 111	14.70
▪			75	0522 112	17.90
▪			100	0522 113	22.00

Double V-blocks (pairs) with clamp 0524



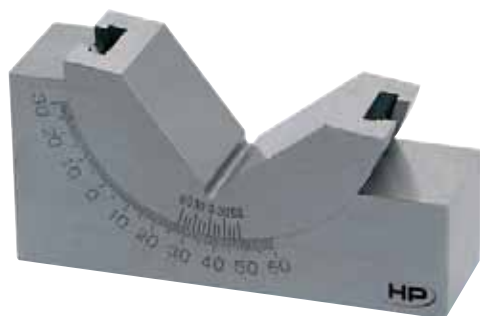
Specification

- Special steel, hardened
- Flatness, parallelism and right-angled tolerance is 0.004 mm
- 2 x 90° grooves
- Machined in pairs
- End face and base are angular
- Packaging: Cardboard box

			Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
▪			60 x 58 x 40	5 - 30	0524 101	162.00
▪			75 x 70 x 54	5 - 30	0524 102	242.00
▪			100 x 96 x 75	7 - 70	0524 103	364.00



Adjustable V-block 0-60° 0525



Specification

- Special steel, hardened
- Locking device
- Nonius reading
- Packaging: Cardboard box

				Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
				75 x 25 x 33	28	0525 101	104.00
				102 x 30 x 46	40	0525 102	111.00
				102 x 46 x 46	40	0525 103	118.00

Magnetic measuring and clamping prisma 0527

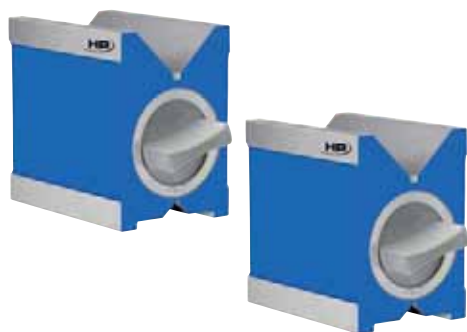


Specification

- Accuracy: 0,004 mm
- Magnet can be switched ON/OFF
- Magnetic force 600 N
- Packaging: Cardboard box

				Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
Special steel:							
				80 x 67 x 96	6 - 66	0527 101	296.00
				100 x 70 x 96	6 - 70	0527 102	411.00
Special steel, hardened:							
				80 x 67 x 96	6 - 66	0527 107	351.00
				100 x 70 x 96	6 - 70	0527 108	489.00

Magnetic measuring and clamping prisma (pair) 0527



Specification

- Milled in pairs

				Dimensions mm	For shafts dia. mm	Ref. No.	List price Euro
Special steel:							
				80 x 67 x 96	6 - 66	0527 104	583.00
				100 x 70 x 96	6 - 70	0527 105	814.00
Special steel, hardened:							
				80 x 67 x 96	6 - 66	0527 110	748.00
				100 x 70 x 96	6 - 70	0527 111	968.00



Set of parallel blocks 0536



Specification

- Special steel, hardened
- Packaging:
Wooden case

			Measuring range mm	Accuracy mm	Cross section mm	Ref. No.	List price Euro
Set consists of 9 pairs, length 100 mm:							
			10 - 42	0.010	10-14-18-22-26 30-34-38-42	0536 220	89.00
Set consists of 9 pairs, length 150 mm:							
			10 - 42	0.010	10-14-18-22-26 30-34-38-42	0536 230	122.00
Set consists of 12 pairs, length 120 mm:							
			14 - 40	0.005	14-16-18-20 22-24-26-28 30-32-35-40	0536 201	341.00
Set consists of 14 pairs, length 150 mm:							
			14 - 50	0.005	14-16-18-20 22-24-26-28 30-32-35-40 45-50	0536 202	381.00
Set consists of 20 pairs, length 100 mm:							
			2 - 24	0.010	2 x 5-2 x 10-2 x 15-2 x 20 3 x 6-3 x 11-3 x 16-3 x 21 4 x 7-4 x 12-4 x 17-4 x 22 5 x 8-5 x 13-5 x 18-5 x 23 6 x 9-6 x 14-6 x 19-6 x 24	0536 211	476.00
Set consists of 24 pairs, length 125 mm:							
			8 - 42	0.010	8 x 11-8 x 16-8 x 21-8 x 26 8 x 31-8 x 36-10 x 13-10 x 18 10 x 23-10 x 28-10 x 33-10 x 38 12 x 15-12 x 20-12 x 25-12 x 30 12 x 35-12 x 40-14 x 17-14 x 22 14 x 27-14 x 32-14 x 37-14 x 42	0536 212	562.00
Set consists of 24 pairs, length 150 mm:							
			8 - 42	0.010	8 x 11-8 x 16-8 x 21-8 x 26 8 x 31-8 x 36-10 x 13-10 x 18 10 x 23-10 x 28-10 x 33-10 x 38 12 x 15-12 x 20-12 x 25-12 x 30 12 x 35-12 x 40-14 x 17-14 x 22 14 x 27-14 x 32-14 x 37-14 x 42	0536 213	567.00



Cylindrical inspection beam 0542



Specification

- Special steel, hardened
- Packaging: Individually packed

			Height mm	Diameter mm	Angular accuracy	Ref. No.	List price Euro
			250	80	0.002	0542 102	393.00
			360	100	0.002	0542 103	654.00
		▪	500	120	0.003	0542 104	1,165.00

Cylindrical inspection beam (test cylinder) 0542



Specification

- Made of high quality black granite
- Both end surfaces are plane and square to the lateral, ground and finely adjusted, without a handle
- Packaging: Individually packed in a stable wooden box

			Height mm	Diameter mm	Deviation to the meas. plane mm	Ref. No.	List price Euro
			250	80	0.0015	0542 802	1,499.00
			360	100	0.0020	0542 803	1,929.00
		▪	500	120	0.0030	0542 804	2,428.00

Granite master square 90°, triangular 0544



Specification

- Made of black granite
- From 600 x 400 mm with weight reducing holes
- Packaging: Individually packed

			Height mm	Width mm	Angular accuracy	Ref. No.	List price Euro
			200 x 150	40	0.002	0544 101	302.00
			300 x 200	50	0.002	0544 102	465.00
			400 x 250	60	0.003	0544 103	644.00
			500 x 300	60	0.003	0544 104	814.00
		▪	600 x 400	70	0.004	0544 105	1,385.00
		▪	800 x 500	90	0.004	0544 106	2,087.00
		▪	1000 x 600	100	0.004	0544 107	3,982.00



Machine level 0550

HP



DIN
877

Specification

- DIN 877
 - V-groove in the base
 - Graduated longitudinal level has been ground
 - Transverse level
 - Thermally insulated
- Packaging: Wooden case

			Length mm	Ref. No.	List price Euro
Reading 0.02 mm/m:					
			160	0550 021	206.00
			200	0550 022	228.00
			250	0550 023	238.00
			300	0550 024	284.00
Reading 0.1 mm/m:					
▪			160	0550 101	123.00
▪			200	0550 102	152.00
			250	0550 103	161.00
			300	0550 104	182.00
Reading 0.3 mm/m:					
▪			160	0550 131	111.00
▪			200	0550 132	133.00
			250	0550 133	145.00
			300	0550 134	166.00

Crankpin level 0551

HP



DIN
877

Specification

- DIN 877
 - With a longitudinal and a transverse level
 - Graduated longitudinal level and transverse levels have both been ground
- Packaging: Wooden case

			Length mm	Ref. No.	List price Euro
Reading 0.1 mm/m:					
			90	0551 012	147.00
			120	0551 013	166.00
Reading 0.2 mm/m:					
			60	0551 021	140.00



Frame level 0556

HP

DIN
877



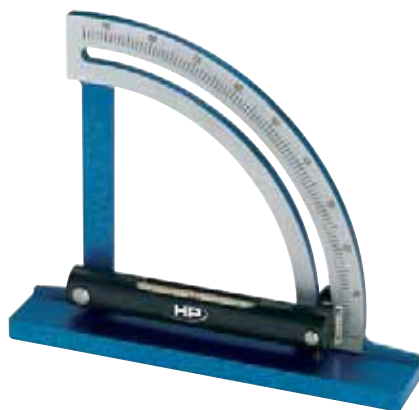
Specification

- DIN 877
- V-grooves on 3 sides
- Graduated longitudinal level has been ground
- Transverse level
- Thermally insulated
- Packaging: Wooden case

Home	Marked *	Marked **	Dimensions mm	Ref. No.	List price Euro
Reading 0.02 mm/m:					
			150 x 150	0556 022	386.00
			200 x 200	0556 023	436.00
			300 x 300	0556 024	624.00
Reading 0.1 mm/m:					
			100 x 100	0556 101	239.00
			150 x 150	0556 102	278.00
			200 x 200	0556 103	341.00
			300 x 300	0556 104	557.00
Reading 0.3 mm/m:					
			100 x 100	0556 131	194.00
			150 x 150	0556 132	239.00
			200 x 200	0556 133	284.00
			300 x 300	0556 134	448.00

Protractor level 0560

HP



Specification

- Made of special steel
- With degree scale
- Flat base
- 1° to 0-90°
- Ideal for levelling, determining centre points and adjusting angles
- Packaging: Wooden case

Home	Marked *	Marked **	Dimensions mm	Ref. No.	List price Euro
Reading 0.4 mm/m:					
			200 x 200	0560 001	267.00

Magnetic angle gauge 0563

HP



Specification

- Centre punch
- Dial face 360°
- Magnetic 90° splayed base
- Packaging: Cardboard box

Home	Marked *	Marked **	Ref. No.	List price Euro
			0563 001	363.00

Combined lathe and thread cutting gauge 0580



Specification

- Special steel
- Cuts for trapezoidal (Acme), Whitworth and metric threads
- For angles from 40-80°
- Packaging: Individually packed

				Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪				90 x 40	2	0580 101	5.50

Combined lathe and thread cutting gauge 0580



Specification

- Special steel
- Cuts for trapezoidal (Acme), Whitworth and metric threads
- With clearance angle
- For angles from 40-80°
- For angles from 0-30°
- Packaging: Individually packed

				Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪				90 x 40	2	0580 111	7.40

Combined lathe and thread cutting gauge 0580

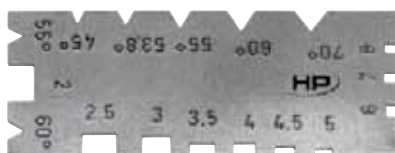


Specification

- Special steel
- For square threads and trapezoidal threads
- V-threads 55° and 60°
- Packaging: Individually packed

				Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪				90 x 40	2	0580 121	5.50

Universal thread cutting gauge 0580



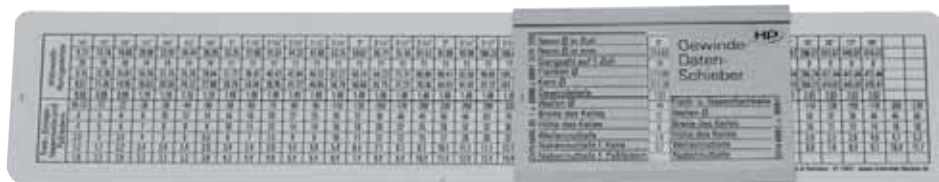
Specification

- Special steel
- For V-threads and square threads
- Packaging: Individually packed

				Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪				90 x 40	2	0580 151	2.10



DIN thread conversion and fit slide rule 0581



0581 101

Specification

- Packaging: Individually packed



0581 123

			Ref. No.	List price Euro
Aluminium eloxiert				
▪		Fine thread slide rule	0581 101	18.70
▪		DIN thread slide rule	0581 103	12.20
▪		DIN fit slide rule	0581 105	14.90
Plastic				
▪		DIN thread slide rule	0581 123	9.10
▪		DIN fit slide rule	0581 125	8.00

ISO thread converter - Filetor 0582



Specification

- For direct reading of all necessary thread details
- Plastic housing
- Packaging: Individually packed

			Dimensions mm	Ref. No.	List price Euro
▪			60 x 30 x 110	0582 110	43.40

ISO tolerance indicator - Tolerator 0582



Specification

- For direct reading of all tolerance values
- Plastic housing
- Packaging: Individually packed

			Dimensions mm	Ref. No.	List price Euro
▪			60 x 30 x 110	0582 120	43.40

mm/inch converter 0582



Specification

- Direct reading of inch to millimeter conversion
- Plastic housing
- Packaging: Individually packed

			Dimensions mm	Ref. No.	List price Euro
▪			60 x 30 x 110	0582 130	43.40

Profile gauge 0589



Specification

- Spring pins
- Pin dia. 1.0 mm
- Packaging: Individually packed

			Measuring range mm	Dimensions mm	Ref. No.	List price Euro
▪			150 x 40	154 x 85	0589 101	14.70
▪			300 x 60	350 x 150	0589 103	44.90

Twist drill grinding gauge 0590



Specification

- Special steel
- For twist drills
- Acute angle of 118°
- Packaging: Individually packed

			Measuring range max. dia. mm	Ref. No.	List price Euro
▪			50	0590 101	1.50

Twist drill grinding and inspection gauge 0590



Specification

- Special steel
- Measure the length of the cutting edge and the cutting angle of 118°
- Locking screw
- Packaging: Individually packed

			Measuring range mm	Dimensions mm	Ref. No.	List price Euro
▪			50	0,1	0590 111	56.00



Universal grinding gauge 0590

HP



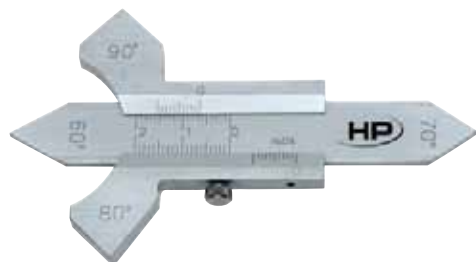
Specification

- Special steel
- Scales in mm graduation
- Angles 120°, 118°, 90°, 60° and 55°
- Packaging: Individually packed

Home	Calibration	Excess weight	Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪			95 x 63	2	0590 151	3.00

Welding gauge 0595

HP



Specification

- Special steel
- Locking screw
- To measure flat / flush weldings
- V-joint 60°, 70°, 80° and 90°
- Packaging: Individually packed

Home	Calibration	Excess weight	Measuring range mm	Reading mm	Ref. No.	List price Euro
▪			20	0.1	0595 101	17.90

DBP weld seam gauge 0595

HP



Specification

- Stainless steel
- Reading accuracy 0.1 mm
- Reading window
- Easy to read the result due to the reference line in the reading window
- Quick and easy inspection of a welding seam dimension
- Packaging: Individually packed

Home	Calibration	Excess weight	Dimensions mm	Thickness mm	Ref. No.	List price Euro
▪			108 x 81.5	3.2	0595 251	79.00

Chamfer gauge 0597

HP



Specification

- Chamfer gauge according to factory standard
- Stainless steel
- Reading 0.1 mm
- Reading parts are satin chrome finished
- 3 interchangeable blades: 30°, 45°, 60°
- Dimensions: 48 x 30 x 8.5 mm
- Packaging: Wooden case

Home	Calibration	Excess weight	Measuring range mm	Reading mm	Ref. No.	List price Euro
▪			10	0.1	0597 301	152.00





Radius gauge 0597



Specification

- Stainless steel
- Reading parts are satin chrome finished
- To determine radii on workpieces
- Packaging: Wooden case

Icon 1	Icon 2	Icon 3	Measuring range mm	Reading mm	Ref. No.	List price Euro
▪			10	0,1	0597 305	152.00

Tapered hole gauge 0598



0598 101



0598 601

Specification

- Packaging: Individually packed

Icon 1	Icon 2	Icon 3	Measuring range mm	Reading mm	Ref. No.	List price Euro
Special steel						
▪			0.5 - 1.0	0.1	0598 101	35.50
▪			0.5 - 7.0	0.1	0598 103	44.90
▪			2.0 - 7.0	0.1	0598 105	42.90
Plastic						
▪			0.5 - 10.0	0.1	0598 601	45.90

Nozzle / small hole gauge 0599



Specification

- Special steel
- Reading 0,1 mm
- Cone 1:10
- Nickel plated housing
- Packaging: Individually packed

Icon 1	Icon 2	Icon 3	Measuring range mm	Ref. No.	List price Euro
▪			0 - 3	0599 101	38.20
▪			0 - 5	0599 102	51.00

Nozzle gauge 0599



Specification

- Steel pins
- Plastic handle
- Packaging: Individually packed

Icon 1	Icon 2	Icon 3	Measuring range mm	Pins	Ref. No.	List price Euro
▪			0.45 - 1.50	20	0599 151	6.10
▪			1.50 - 3.00	16	0599 152	6.10



Tapered hole gauge 0600



0600 101



0600 111

Specification

- Reading 0.1 mm
- Packaging: Individually packed

				Measuring range mm	Ref. No.	List price Euro
Special steel, flat						
▪				1 - 15	0600 101	22.50
▪				15 - 30	0600 102	28.10
▪				30 - 45	0600 103	30.20
Hardened stainless steel, round, knurled handle						
▪				1 - 6	0600 111	48.00
▪				4 - 15	0600 112	63.00
▪				15 - 30	0600 113	133.00
▪				30 - 45	0600 114	206.00
▪				45 - 60	0600 115	331.00

Drill and steel wire hole gauge (millimeter) 0601



Specification

- Special steel, nitrided
- Packaging: Individually packed
- Additional specifications are available upon request

				Measuring range mm	Increments mm	Ref. No.	List price Euro
▪				0.1 - 10.0	0.1	0601 103	70.00
▪				3.0 - 10.0	0.1	0601 120	60.00

Radius gauge 0604



Specification

- Concave and convex
- Locking nut
- Milled finish
- Packaging: Individually packed

				Measuring range mm	No. of sheets mm	Ref. No.	List price Euro
Special steel							
▪				1.0 - 7.0	17	0604 002	5.90
▪				7.5 - 15.0	16	0604 004	6.50
▪				15.5 - 25.0	15	0604 006	6.50
Stainless steel							
▪				1.0 - 7.0	17	0604 202	7.80
▪				7.5 - 15.0	16	0604 204	9.70
▪				15.5 - 25.0	15	0604 206	9.70





Individual radius gauge 0604



Specification

- Factory standard
- Made of steel
- Not hardened
- Fine ground
- For internal and external radii
- Packaging: Individually packed

▪ Custom sizes are available upon request

			Radius mm	Ref. No.	List price Euro
			0.5	0604 013	39.40
			0.6	0604 014	39.40
			0.7	0604 015	39.40
			0.8	0604 016	39.40
			0.9	0604 017	39.40
			1.0	0604 018	30.00
			1.5	0604 019	30.00
			2.0	0604 020	30.00
			2.5	0604 021	30.00
			3.0	0604 022	30.00
			3.5	0604 023	30.00
			4.0	0604 024	30.00
			4.5	0604 025	30.00
			5.0	0604 026	30.00
			5.5	0604 027	30.00
			6.0	0604 028	30.00
			6.5	0604 029	30.00
			7.0	0604 030	30.00
			7.5	0604 031	30.00
			8.0	0604 032	30.00
			8.5	0604 033	30.00
			9.0	0604 034	30.00
			9.5	0604 035	30.00
			10.0	0604 036	30.00
			10.5	0604 037	31.50
			11.0	0604 038	31.50
			11.5	0604 039	31.50
			12.0	0604 040	31.50
			12.5	0604 041	31.50
			13.0	0604 042	31.50
			13.5	0604 043	31.50
			14.0	0604 044	31.50
			14.5	0604 045	31.50
			15.0	0604 046	31.50
			15.5	0604 047	33.20
			16.0	0604 048	33.20
			16.5	0604 049	33.20

			Radius mm	Ref. No.	List price Euro
			17.0	0604 050	33.20
			17.5	0604 051	33.20
			18.0	0604 052	33.20
			18.5	0604 053	33.20
			19.0	0604 054	33.20
			19.5	0604 055	33.20
			20.0	0604 056	33.20
			21.0	0604 057	34.60
			22.0	0604 058	34.60
			23.0	0604 059	34.60
			24.0	0604 060	34.60
			25.0	0604 061	34.60
			26.0	0604 062	34.60
			27.0	0604 063	34.60
			28.0	0604 064	34.60
			29.0	0604 065	34.60
			30.0	0604 066	34.60
			31.0	0604 067	37.80
			32.0	0604 068	37.80
			33.0	0604 069	37.80
			34.0	0604 070	37.80
			35.0	0604 071	37.80
			36.0	0604 072	37.80
			37.0	0604 073	37.80
			38.0	0604 074	37.80
			39.0	0604 075	37.80
			40.0	0604 076	37.80
			41.0	0604 077	45.70
			42.0	0604 078	45.70
			43.0	0604 079	45.70
			44.0	0604 080	45.70
			45.0	0604 081	45.70
			46.0	0604 082	45.70
			47.0	0604 083	45.70
			48.0	0604 084	45.70
			49.0	0604 085	45.70
			50.0	0604 086	45.70
			55.0	0604 087	48.90
			60.0	0604 088	51.00
			65.0	0604 089	54.00
			70.0	0604 090	62.00
			75.0	0604 091	62.00
			80.0	0604 092	62.00
			85.0	0604 093	62.00
			90.0	0604 094	62.00
			95.0	0604 095	62.00
			100.0	0604 096	62.00



Screw pitch gauge 0605



- Packaging:
Individually packed

			Measuring range mm	No. of blades mm	Ref. No.	List price Euro
▪			Metric threads according to ISO	0.25 - 6.00	0605 101	2.10
▪			Whitworth threads according to DIN	4 - 62	0605 103	1.90
▪			Whitworth pipe threads	8 - 28	0605 104	1.90
▪			Combined metric and Whitworth	0.25 - 6.00 / 4 - 62	0605 106	3.20
▪			Metric Whitworth and pipe threads	0.25 - 6.00 / 4 - 62 / 8 - 28	0605 107	4.40
▪			Combined metric threads according to SI System	0.4 - 7.0	0605 102	1.90
▪			Combined metric SI and Whitworth threads	0.4 - 7.0 / 4 - 62	0605 105	3.00
▪			US - threads	4 - 42	0605 108	2.60
▪			US - threads SAE	10 - 40	0605 109	2.80
▪			UNC - threads	4 - 64	0605 110	2.60
▪			UNF - threads	12 - 80	0605 111	2.60
▪			BSF - threads	4 - 26	0605 112	3.00

Feeler gauges 0606

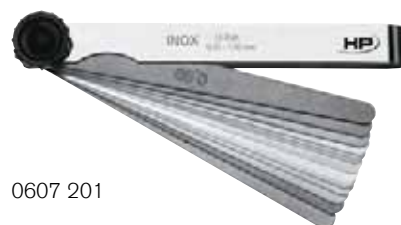


0606 130

Specification

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

- Packaging:
Individually packed



0607 201



0607 401

			Measuring range mm	No. of blades mm	Ref. No.	List price Euro
Spring band steel						
▪			0.03 - 0.10	8	0606 121	1.30
▪			0.05 - 0.50	8	0606 123	1.30
▪			0.05 - 1.00	13	0606 127	1.30
▪			0.05 - 1.00	20	0606 130	2.10
▪			0.05 - 2.00	21	0606 133	4.90
▪			0.10 - 2.00	20	0606 131	5.30
▪			0.10 - 0.50	21	0606 132	2.60
▪			0.03 - 1.00	32	0606 136	4.40
Spring band stainless steel						
▪			0.05 - 0.50	8	0607 201	3.40
▪			0.05 - 1.00	13	0607 202	5.30
▪			0.05 - 1.00	20	0607 203	7.60
Brass (anti magnetic)						
▪			0.05 - 0.50	8	0607 401	5.70
▪			0.05 - 1.00	13	0607 402	7.00
▪			0.05 - 1.00	20	0607 403	10.10



Feeler gauge tape 0611



Specification

- Hardened carbon steel
- Width 13 mm
- Plastic dispenser case
- Length 5 m
- Packaging: Individually packed

Home	QuickLock	QuickStart	Thickness mm	Ref. No.	List price Euro
▪			0.005	0611 300	62.00
▪			0.01	0611 501	24.40
▪			0.02	0611 502	20.40
▪			0.03	0611 503	7.00
▪			0.04	0611 504	7.00
▪			0.05	0611 505	5.30
▪			0.06	0611 506	5.50
▪			0.07	0611 507	5.50
▪			0.08	0611 508	5.50
▪			0.09	0611 509	5.50
▪			0.10	0611 510	4.70
▪			0.12	0611 512	4.70
▪			0.15	0611 515	4.70
▪			0.18	0611 518	6.10
▪			0.20	0611 520	4.70
▪			0.25	0611 525	4.70

Home	QuickLock	QuickStart	Thickness mm	Ref. No.	List price Euro
▪			0.30	0611 530	4.70
▪			0.35	0611 535	4.70
▪			0.40	0611 540	5.50
▪			0.45	0611 545	5.50
▪			0.50	0611 550	5.50
▪			0.55	0611 552	7.00
▪			0.60	0611 554	7.00
▪			0.65	0611 556	7.00
▪			0.70	0611 558	7.00
▪			0.75	0611 560	7.00
▪			0.80	0611 562	7.00
▪			0.85	0611 564	7.20
▪			0.90	0611 566	7.60
▪			0.95	0611 568	7.60
▪			1.00	0611 570	7.60

Holder for feeler gauge tape 0611



Specification

- Dimension 125 x 17 mm
- Packaging: Individually packed

Home	QuickLock	QuickStart	Ref. No.	List price Euro
▪			0611 195	2.10

Wall holder for feeler gauge tape set 0611



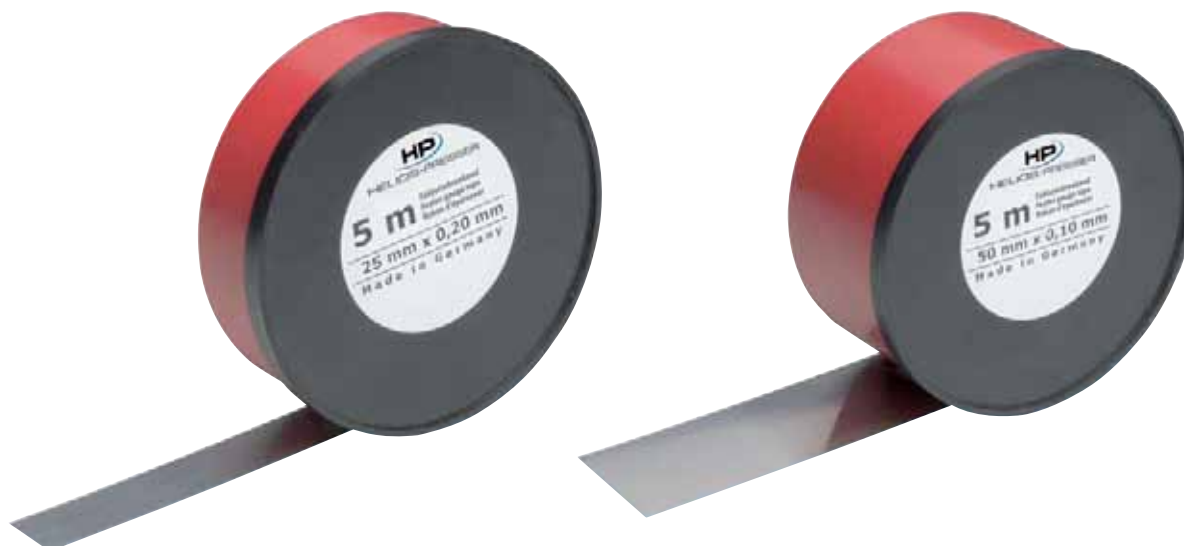
Specification

- 15 piece feeler gauge tape set
- Wall holder includes: holder and mounting fittings

Home	QuickLock	QuickStart	Waterproof acc. IP	Data output	DIN	Dimensions mm	Graduation mm	Ref. No.	List price Euro
▪						330 x 100 x 110	0.01 - 0.25	0611 180	121.00
▪						330 x 210 x 220	0.30 - 1.00	0611 190	157.00



Precision feeler gauge tape 0613



Thickness 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		Brass, Width 150 mm Length 5 m	
	Ref. No.	List price Euro	Ref. No.	List price Euro	Ref. No.	List price Euro	Ref. No.	List price Euro	Ref. No.	List price Euro
0.01	0613 107	59.00	0613 207	84.00						
0.02	0613 109	31.90	0613 209	45.90	0613 309	82.00				
0.025							0613 412	93.00	0613 512	92.00
0.03	0613 114	22.50	0613 214	32.30						
0.04	0613 116	22.50	0613 216	32.30						
0.05	0613 118	22.50	0613 218	32.30	0613 318	49.50	0613 418	75.00	0613 518	74.00
0.06	0613 120	15.30	0613 220	22.00						
0.07	0613 122	15.30	0613 222	22.00						
0.075							0613 424	75.00	0613 524	74.00
0.08	0613 126	15.30	0613 226	22.00						
0.09	0613 128	15.30	0613 228	22.00						
0.10	0613 130	15.80	0613 230	22.90	0613 330	46.60	0613 430	71.00	0613 530	70.00
0.12			0613 232	22.90						
0.15	0613 134	15.80	0613 234	22.90	0613 334	46.60	0613 434	71.00	0613 534	70.00
0.18			0613 236	22.90						
0.20	0613 138	15.80	0613 238	22.90	0613 338	59.00	0613 438	89.00	0613 538	87.00
0.25			0613 240	22.90			0613 440	89.00	0613 540	87.00
0.30	0613 142	15.80	0613 242	22.90	0613 342	59.00	0613 442	89.00	0613 542	87.00
0.35			0613 244	25.00						
0.40	0613 146	17.60	0613 246	25.00	0613 346	67.00	0613 446	99.00	0613 546	98.00
0.45			0613 248	25.00						
0.50	0613 150	17.60	0613 250	25.00	0613 350	76.00	0613 450	116.00	0613 550	115.00
0.60	0613 152	28.10	0613 252	40.70	0613 352	91.00				
0.70	0613 154	28.10	0613 254	40.70	0613 354	91.00				
0.80	0613 156	28.10	0613 256	40.70	0613 356	109.00				
0.90	0613 158	28.10	0613 258	40.70	0613 358	109.00				
1.00	0613 160	28.10	0613 260	40.70	0613 360	125.00				



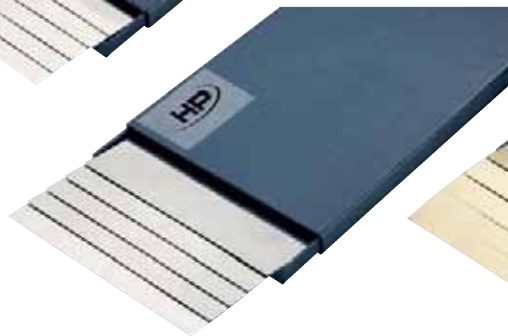
Precision reference sheets 0613



0613 6..



0613 7..



0613 8..



0613 9..

Thickness 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		Brass, 150 x 500 mm 5 pieces	
	Ref. No.	List price Euro	Ref. No.	List price Euro	Ref. No.	List price Euro	Ref. No.	List price Euro
0.01	0613 607	59.00						
0.02	0613 609	31.90	0613 709	44.10				
0.025					0613 812	49.50	0613 912	48.90
0.03	0613 614	22.50						
0.04	0613 616	22.50						
0.05	0613 618	22.50	0613 718	26.70	0613 818	39.70	0613 918	39.20
0.06	0613 620	15.30						
0.07	0613 622	15.30						
0.075					0613 824	39.70	0613 924	39.20
0.08	0613 626	15.30						
0.09	0613 628	15.30						
0.10	0613 630	15.80	0613 730	25.00	0613 830	37.60	0613 930	37.30
0.12	0613 632	15.80						
0.15	0613 634	15.80	0613 734	25.00	0613 834	37.60	0613 934	37.30
0.18	0613 636	15.80						
0.20	0613 638	15.80	0613 738	31.50	0613 838	47.00	0613 938	46.60
0.25	0613 640	15.80			0613 840	47.00	0613 940	46.60
0.30	0613 642	15.80	0613 742	31.50	0613 842	47.00	0613 942	46.60
0.35	0613 644	17.60						
0.40	0613 646	17.60	0613 746	35.50	0613 846	54.00	0613 946	54.00
0.45	0613 648	17.60						
0.50	0613 650	17.60	0613 750	40.70	0613 850	63.00	0613 950	62.00
0.60	0613 652	28.10	0613 752	48.90				
0.70	0613 654	28.10	0613 754	48.90				
0.80	0613 656	28.10	0613 756	59.00				
0.90	0613 658	28.10	0613 758	59.00				
1.00	0613 660	28.10	0613 760	65.00	0613 860	103.00		



Individual steel gauge blocks 0627 / 0628



Specification

- EN ISO 3650
- Special steel, hardened
- Packaging: Individually packed

			Dimensions mm	Accuracy Tol. class	Ref. No.	List price Euro
			1.0	1	0627 119	31.50
			2.0	1	0627 174	25.20
			3.0	1	0627 176	25.00
			4.0	1	0627 178	25.00
			5.0	1	0627 180	25.00
			6.0	1	0627 182	25.00
			7.0	1	0627 184	25.00
			8.0	1	0627 186	25.00
			9.0	1	0627 188	25.00
			10.0	1	0627 190	25.00
			20.0	1	0627 210	28.30
			25.0	1	0627 220	28.30
			30.0	1	0627 221	34.00
			40.0	1	0627 222	34.00
			50.0	1	0627 223	34.00
			75.0	1	0627 226	37.80
			100.0	1	0627 229	51.00
			125.0	1	0627 230	156.00
			150.0	1	0627 231	156.00
			175.0	1	0627 232	156.00
			200.0	1	0627 233	156.00
			300.0	1	0627 235	231.00
			400.0	1	0627 236	288.00
			500.0	1	0627 237	428.00
			600.0	1	0627 238	784.00
			700.0	1	0627 239	927.00
			800.0	1	0627 241	1,065.00
			900.0	1	0627 242	1,258.00
			1000.0	1	0627 243	1,468.00

			Dimensions mm	Accuracy Tol. class	Ref. No.	List price Euro
			1.0	2	0628 119	21.00
			2.0	2	0628 174	16.80
			3.0	2	0628 176	19.30
			4.0	2	0628 178	19.30
			5.0	2	0628 180	19.30
			6.0	2	0628 182	19.30
			7.0	2	0628 184	19.30
			8.0	2	0628 186	19.30
			9.0	2	0628 188	19.30
			10.0	2	0628 190	23.10
			20.0	2	0628 210	23.10
			25.0	2	0628 220	23.10
			30.0	2	0628 221	27.70
			40.0	2	0628 222	27.70
			50.0	2	0628 223	27.70
			75.0	2	0628 226	29.80
			100.0	2	0628 229	37.10
			125.0	2	0628 230	130.00
			150.0	2	0628 231	130.00
			175.0	2	0628 232	130.00
			200.0	2	0628 233	130.00
			300.0	2	0628 235	200.00
			400.0	2	0628 236	231.00
			500.0	2	0628 237	294.00
			600.0	2	0628 238	378.00
			700.0	2	0628 239	456.00
			800.0	2	0628 241	566.00
			900.0	2	0628 242	680.00
			1000.0	2	0628 243	846.00

Parallel steel gauge block set 0633



Specification

- Special steel, hardened
- EN ISO 3650
- Packaging: Wooden case

			Pieces per set	Nominal dimensions mm	Increments	Ref. No.	List price Euro			
Tolerance class 0:										
			103	1.005		0633 014	775.00			
				1.01 - 1.49	0.010					
				0.5 - 24.5	0.500					
				25.0 - 100.0	25.000					
			87	1.001 - 1.009	0.001	0633 016	708.00			
				1.01 - 1.49	0.010					
				0.5 - 9.5	0.500					
				10.0 - 100.0	10.000					
			47	1.005		0633 018	460.00			
				1.01 - 1.09	0.010					
				1.11 - 1.19	0.010					
				1.1 - 1.9	0.100					
				1.0 - 9.0	1.000					
			32	10.0 - 100	10.000	0633 020	336.00			
				1.005						
				1.01 - 1.09	0.010					
				1.1 - 1.9	0.100					
				1.0 - 9.0	1.000					
			50	10.0 - 30.0	10.000					
				50						
Tolerance class 1:										
				103	1.005				0633 114	595.00
					1.01 - 1.49			0.010		
			0.5 - 24.5		0.500					
			25.0 - 100.0		25.000					
			87	1.001 - 1.009	0.001	0633 116	453.00			
				1.01 - 1.49	0.010					
				0.5 - 9.5	0.500					
				10.0 - 100.0	10.000					
			47	1.005		0633 118	280.00			
				1.01 - 1.09	0.010					
				1.11 - 1.19	0.010					
				1.1 - 1.9	0.100					
				1.0 - 9.0	1.000					
			32	10.0 - 100	10.000	0633 120	205.00			
				1.005						
				1.01 - 1.09	0.010					
				1.1 - 1.9	0.100					
				1.0 - 9.0	1.000					
			50	10.0 - 30.0	10.000					
				50						



Parallel steel gauge block set 0633



			Pieces per set	Nominal dimensions mm	Increments	Ref. No.	List price Euro
Tolerance class 2:							
			103	1.005		0633 214	377.00
▪				1.01 - 1.49	0.010		
				0.5 - 24.5	0.500		
				25.0 - 100.0	25.000		
			87	1.001 - 1.009	0.001	0633 216	297.00
▪				1.01 - 1.49	0.010		
				0.5 - 9.5	0.500		
				10.0 - 100.0	10.000		
			47	1.005		0633 218	204.00
▪				1.01 - 1.09	0.010		
				1.11 - 1.19	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
			32	10.0 - 100	10.000	0633 220	134.00
▪				1.005			
				1.01 - 1.09	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
				10.0 - 30.0	10.000		
				50			

Gauge block accessories set 0633



			Pieces per set	Ref. No.	List price Euro
			4	0633 130	1,004.00
			10	0633 131	1,166.00
			14	0633 132	1,509.00
			23	0633 133	2,980.00

Gauge block holder with rapid adjustment 0633



			For meas. range mm	Ref. No.	List price Euro
			0 - 50	0633 136	139.00
			0 - 100	0633 137	158.00
			0 - 200	0633 138	188.00
			100 - 200	0633 139	172.00
			100 - 300	0633 140	205.00
			200 - 400	0633 141	237.00
			300 - 500	0633 142	269.00
			400 - 600	0633 143	291.00
			500 - 800	0633 144	340.00
			800 - 1000	0633 145	475.00



Radiused measuring jaws with cylindrical shoulders / pair 0633



				Nominal dimension mm	Measuring depth mm	Ref. No.	List price Euro
				4	8	0633 150	160.00
				10	15	0633 151	160.00
				16	20	0633 152	174.00
				20	40	0633 153	213.00
				30	65	0633 154	301.00
				40	95	0633 155	390.00

Inspection points, pair 0633



Specification

- Special steel, hardened
- Packaging:
Individually packed

				Dimensions L x W x H mm	Ref. No.	List price Euro
				55 x 9 x 9	0633 170	169.00

Scriber 0633



Specification

- Special steel, hardened or Carbide
- Packaging:
Individually packed

				Dimensions L x W x H mm	Ref. No.	List price Euro
Special steel						
				55 x 9 x 8	0633 171	69.00
Carbide						
				55 x 9 x 8	0633 172	284.00

Centre point 0633



Specification

- Special steel, hardened
- Packaging:
Individually packed

				Dimensions L x W x H mm	Ref. No.	List price Euro
				55 x 9 x 12	0633 173	92.00

Plane / parallel jaws, pair 0633



Specification

- Special steel, hardened
- Packaging:
Individually packed

				Dimensions L x W x H mm	Ref. No.	List price Euro
For external measurements:						
				100 x 9 x 20	0633 174	158.00
				125 x 9 x 20	0633 175	185.00
For internal and external measurements:						
				100 x 9 x 20	0633 176	292.00
				125 x 9 x 20	0633 177	345.00



Knife edge jaws, pair 0633



Specification

- Special steel, hardened
- Packaging: Individually packed

				Total length mm	Max. measured dia. mm	Ref. No.	List price Euro
				55	26	0633 178	169.00
				65	50	0633 179	214.00
				90	100	0633 180	256.00
				140	200	0633 181	381.00

Holder base 0633



Specification

- Special steel, hardened
- Packaging: Individually packed

				Dimensions L x W x H	Ref. No.	List price Euro
				103 x 70 x 27	0633 182	124.00

Gauge block maintenance set 0633



Set consists of:

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

				Ref. No.	List price Euro
				0633 001	274.00



Steel gauge block inspection set for micrometers 0633



Specification

- EN ISO 3650
- Special steel, hardened
- Tolerance class 1
- With optical flat
- Packaging: Wooden case

				Nominal dimensions mm	Ref. No.	List price Euro
5 pieces:				5.1 - 10.3 - 15.0 - 20.2 - 25.0	0633 805	295.00
8 pieces:				5.1 - 10.3 - 15.0 - 20.2 - 25.0 - 50.0 - 75.0 - 100.0	0633 808	395.00
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	240.00

Steel gauge block inspection set for calipers 0634



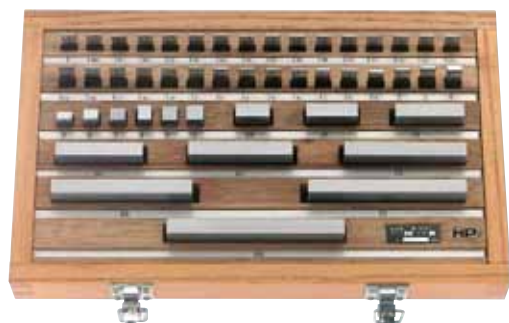
Specification

- EN ISO 3650
- Special steel, hardened
- Tolerance class 1
- Supplied with:
Setting rings 4 mm and 25 mm
- Packaging: Wooden case

				Nominal dimensions mm	For calipers with a measuring range up to mm	Ref. No.	List price Euro
3 pieces:				30.0 - 41.3 - 131.4	200	0633 833	490.00
4 pieces:				30.0 - 41.3 - 131.4 - 243.5	300	0633 834	655.00
6 pieces:				30.0 - 41.3 - 131.4 - 243.5 - 281.5 - 481.1	500	0633 836	1,170.00



Carbide gauge block set 0634



Specification

- Carbide
- EN ISO 3650
- Packaging: Wooden case

			Pieces per set	Nominal dimensions mm	Increments	Ref. No.	List price Euro
Tolerance class 0:							
▪			103	1.005		0634 014	3,989.00
				1.01 - 1.49	0.010		
				0.5 - 24.5	0.500		
				25.0 - 100.0	25.000		
▪			87	1.001 - 1.009	0.001	0634 016	3,286.00
				1.01 - 1.49	0.010		
				0.5 - 9.5	0.500		
				10.0 - 100.0	10.000		
▪			47	1.005		0634 017	2,147.00
				1.01 - 1.09	0.010		
				1.11 - 1.19	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
▪			32	1.005		0634 020	1,127.00
				1.01 - 1.09	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
				10.0 - 30.0	10.000		
Tolerance class 1:							
▪			103	1.005		0634 114	3,511.00
				1.01 - 1.49	0.010		
				0.5 - 24.5	0.500		
				25.0 - 100.0	25.000		
▪			87	1.001 - 1.009	0.001	0634 116	2,869.00
				1.01 - 1.49	0.010		
				0.5 - 9.5	0.500		
				10.0 - 100.0	10.000		
▪			47	1.005		0634 117	1,925.00
				1.01 - 1.09	0.010		
				1.11 - 1.19	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
▪			32	1.005		0634 120	979.00
				1.01 - 1.09	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
				10.0 - 30.0	10.000		
				50			



Ceramic gauge block set 0634



Specification

- Ceramic
- EN ISO 3650
- Packaging: Wooden case

			Pieces per set	Nominal dimensions mm	Increments	Ref. No.	List price Euro
Tolerance class 0:							
▪			103	1.005		0634 514	5,570.00
				1.01 - 1.49	0.010		
				0.5 - 24.5	0.500		
				25.0 - 100.0	25.000		
▪			87	1.001 - 1.009	0.001	0634 516	4,436.00
				1.01 - 1.49	0.010		
				0.5 - 9.5	0.500		
				10.0 - 100.0	10.000		
▪			47	1.005		0634 517	2,645.00
				1.01 - 1.09	0.010		
				1.11 - 1.19	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
▪			32	1.005		0634 520	1,606.00
				1.01 - 1.09	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
				10.0 - 30.0	10.000		
Tolerance class 1:							
▪			103	1.005		0634 614	4,662.00
				1.01 - 1.49	0.010		
				0.5 - 24.5	0.500		
				25.0 - 100.0	25.000		
▪			87	1.001 - 1.009	0.001	0634 616	3,705.00
				1.01 - 1.49	0.010		
				0.5 - 9.5	0.500		
				10.0 - 100.0	10.000		
▪			47	1.005		0634 617	2,210.00
				1.01 - 1.09	0.010		
				1.11 - 1.19	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
▪			32	1.005		0634 620	1,340.00
				1.01 - 1.09	0.010		
				1.1 - 1.9	0.100		
				1.0 - 9.0	1.000		
				10.0 - 30.0	10.000		
				50			



Set of pin gauges 0636

HP

**DIN
2269**

Specification

- Made out of high quality gauge steel
- Packaging: Wooden case

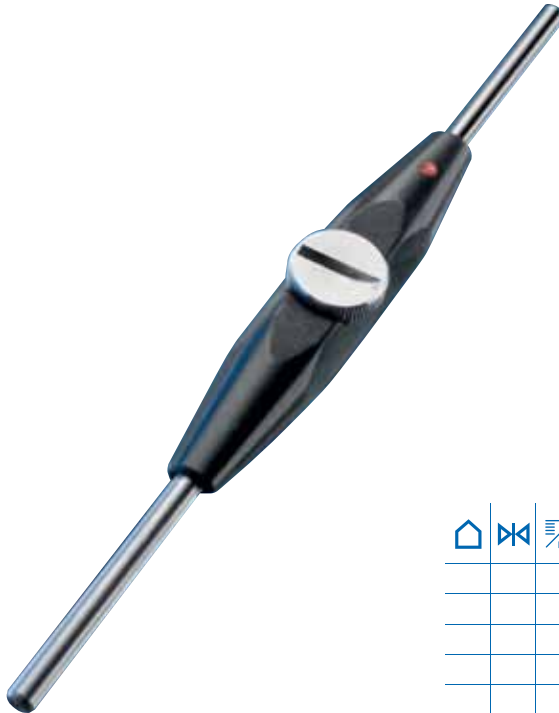


			Pieces per set	Length mm	Increments mm	Nominal dimension mm	Accuracy GG μ	Ref. No.	List price Euro
Special steel, hardened and aged:									
			51	40	0.01	0.5 - 1.0	1	0636 301	708.00
			21	70	0.05	1.0 - 2.0	1	0636 321	214.00
			21	70	0.05	2.0 - 3.0	1	0636 322	214.00
			21	70	0.05	3.0 - 4.0	1	0636 323	265.00
			21	70	0.05	4.0 - 5.0	1	0636 324	265.00
			21	70	0.05	5.0 - 6.0	1	0636 325	265.00
			21	70	0.05	6.0 - 7.0	1	0636 326	323.00
			21	70	0.05	7.0 - 8.0	1	0636 327	323.00
			21	70	0.05	8.0 - 9.0	1	0636 328	323.00
			21	70	0.05	9.0 - 10.0	1	0636 329	323.00
Special steel, hardened and aged:									
			101	70	0.01	1.0 - 2.0	1	0636 341	901.00
			100	70	0.01	2.01 - 3.0	1	0636 342	901.00
			100	70	0.01	3.01 - 4.0	1	0636 343	1,142.00
			100	70	0.01	4.01 - 5.0	1	0636 344	1,142.00
			100	70	0.01	5.01 - 6.0	1	0636 345	1,142.00
			100	70	0.01	6.01 - 7.0	1	0636 346	1,406.00
			100	70	0.01	7.01 - 8.0	1	0636 347	1,406.00
			100	70	0.01	8.01 - 9.0	1	0636 348	1,406.00
			100	70	0.01	9.01 - 10.0	1	0636 349	1,406.00
			91	70	0.10	1.0 - 10.0	1	0636 351	1,152.00
			81	70	0.05	1.0 - 5.00	1	0636 352	1,047.00
Special steel, hardened and aged:									
			101	70	0.05	1.0 - 2.0	2	0636 372	630.00
			100	70	0.01	2.01 - 3.0	2	0636 373	630.00
			100	70	0.01	3.01 - 4.0	2	0636 374	830.00
			100	70	0.01	4.01 - 5.0	2	0636 375	830.00
			100	70	0.01	5.01 - 6.0	2	0636 376	830.00
			100	70	0.01	6.01 - 7.0	2	0636 377	1,005.00
			100	70	0.01	7.01 - 8.0	2	0636 378	1,140.00
			100	70	0.01	8.01 - 9.0	2	0636 379	1,140.00
			100	70	0.01	9.01 - 10.0	2	0636 380	1,140.00








Pin gauge holder 0636



Specification

- Die cast
- Locking screw
- Packaging:
Individually packed

			For meas. range mm	Length of holder mm	Ref. No.	List price Euro
			1 - 2	60	0636 392	11.50
			2 - 4	68	0636 393	13.50
			4 - 6	76	0636 394	25.00
			6 - 8	84	0636 395	32.00
			8 - 10	92	0636 396	37.00



Plug gauge 0637



Specification

- Manufacturing tolerances: according to DIN 7162 and DIN 7164
- Fit H7
- All cylindrical
- Further fits and specifications are available upon request
- Packaging: Individually packed

			Nominal dimension dia. mm	Dimensions acc. DIN	Ref. No.	List price Euro
Gauge steel, hardened						
			2	2245-1	0637 103	27.10
			2.2	2245-1	0637 104	27.10
			2.5	2245-1	0637 105	27.10
			2.8	2245-1	0637 106	19.70
			3	2245-1	0637 107	19.70
			3.5	2245-1	0637 108	17.60
			4	2245-1	0637 109	17.60
			4.5	2245-1	0637 110	17.60
			5	2245-1	0637 111	16.60
			6	2245-1	0637 112	16.60
			7	2245-1	0637 113	17.60
			8	2245-1	0637 114	17.60
			9	2245-1	0637 115	18.70
			10	2245-1	0637 116	19.70
			11	2245-1	0637 117	19.70
			12	2245-1	0637 118	20.80
			13	2245-1	0637 119	21.80
			14	2245-1	0637 120	21.80
			15	2245-1	0637 121	22.50
			16	2245-1	0637 122	22.50
			17	2245-1	0637 123	23.50
			18	2245-1	0637 124	24.40
			19	2245-1	0637 125	24.40
			20	2245-1	0637 126	24.40
			21	2245-1	0637 127	25.60
			22	2245-1	0637 128	26.20
			23	2245-1	0637 129	27.10
			24	2245-1	0637 130	27.10
			25	2245-1	0637 131	28.10
			26	2245-1	0637 132	29.20
			27	2245-1	0637 133	29.20
			28	2245-1	0637 134	30.20
			30	2245-1	0637 135	30.20
			32	2245-1	0637 136	33.40
			33	2245-1	0637 137	34.00
			34	2245-1	0637 138	35.00
			35	2245-1	0637 139	35.00
			36	2245-1	0637 140	35.70
			37	2245-1	0637 141	36.50
			38	2245-1	0637 142	37.60
			40	2245-1	0637 144	38.60
			42	2245-1	0637 146	39.90
			43	2245-1	0637 147	48.70
			44	2245-1	0637 148	42.80
			45	2245-1	0637 149	43.80



Plug gauge 0637



Specification

- Manufacturing tolerances: according to DIN 7162 and DIN 7164
- Fit H7
- All cylindrical
- Further fits and specifications are available upon request
- Packaging: Individually packed

			Nominal dimension dia. mm	Dimensions acc. DIN	Ref. No.	List price Euro
Gauge steel, hardened						
			46	2245-1	0637 150	44.50
			47	2245-1	0637 151	46.60
			48	2245-1	0637 152	47.60
			50	2245-1	0637 154	48.70
			52	2245-1	0637 155	51.00
			55	2245-1	0637 156	54.00
			58	2245-1	0637 157	58.00
			60	2245-1	0637 158	60.00
			62	2245-1	0637 159	63.00
			65	2245-1	0637 160	63.00
			68	2246-3 and 2247-3	0637 161	69.00
			70	2246-3 and 2247-3	0637 162	70.00
			72	2246-3 and 2247-3	0637 163	72.00
			75	2246-3 and 2247-3	0637 164	76.00
			78	2246-3 and 2247-3	0637 165	80.00
			80	2246-3 and 2247-3	0637 166	81.00
			82	2246-3 and 2247-3	0637 167	83.00
			85	2246-3 and 2247-3	0637 168	85.00
			88	2246-3 and 2247-3	0637 169	90.00
			90	2246-3 and 2247-3	0637 170	91.00
			92	2246-3 and 2247-3	0637 171	94.00
			95	2246-3 and 2247-3	0637 172	96.00
			98	2246-3 and 2247-3	0637 173	99.00
			100	2246-3 and 2247-3	0637 174	101.00

Plug gauge set 0637



DIN
2245

Specification

- DIN 2245
- Hardened gauge steel
- GO and NO GO
- Fit H7
- Packaging: Wooden case

			Nominal dimensions mm	Ref. No.	List price Euro
7 pieces (3 - 12 mm):					
			3 - 4 - 5 - 6 - 8 - 10 - 12	0637 190	129.00



Snap gauge, double jaw 0643



Specification

- Gauge steel
- Hardened measuring faces
- Dimensions acc. DIN 2230
- Manufacturing tolerances: according to DIN 7162 and DIN 7163
- Available from 3 - 100 mm, please ask about nominal dimension and fit
- **When ordering please specify the fit**
- Packaging: Individually packed

			Nominal dimension dia. mm	Ref. No.	List price Euro
			3	0643 111	on Request
			3.5	0643 112	on Request
			4	0643 113	on Request
			4.5	0643 114	on Request
			5	0643 115	on Request
			6	0643 116	on Request
			7	0643 117	on Request
			8	0643 118	on Request
			9	0643 119	on Request
			10	0643 120	on Request
			11	0643 121	on Request
			12	0643 122	on Request
			13	0643 123	on Request
			14	0643 124	on Request
			15	0643 125	on Request
			16	0643 126	on Request
			17	0643 127	on Request
			18	0643 128	on Request
			19	0643 129	on Request

			Nominal dimension dia. mm	Ref. No.	List price Euro
Gauge steel, hardened:					
			20	0643 130	on Request
			21	0643 131	on Request
			22	0643 132	on Request
			23	0643 133	on Request
			24	0643 134	on Request
			25	0643 135	on Request
			26	0643 136	on Request
			27	0643 137	on Request
			28	0643 138	on Request
			30	0643 139	on Request
			32	0643 140	on Request
			33	0643 141	on Request
			34	0643 142	on Request
			35	0643 143	on Request
			36	0643 144	on Request
			37	0643 145	on Request
			38	0643 146	on Request
			40	0643 147	on Request
			42	0643 148	on Request
			44	0643 149	on Request
			45	0643 150	on Request
			46	0643 151	on Request
			47	0643 152	on Request
			48	0643 153	on Request
			50	0643 154	on Request
			52	0643 155	on Request
			55	0643 156	on Request
			58	0643 157	on Request
			60	0643 158	on Request
			62	0643 159	on Request
			65	0643 160	on Request
			68	0643 161	on Request
			70	0643 162	on Request
			72	0643 163	on Request
			75	0643 164	on Request
			78	0643 165	on Request
			80	0643 166	on Request
			82	0643 167	on Request
			85	0643 168	on Request
			88	0643 169	on Request
			90	0643 170	on Request
			92	0643 171	on Request
			95	0643 172	on Request
			98	0643 173	on Request
			100	0643 174	on Request



Adjustable snap gauge 0649



Specification

- Die cast
- 1 fixed measuring face and 2 adjustable square measuring faces
- Packaging: Individually packed

			Nominal dimension dia. mm	Ref. No.	List price Euro
			0 - 6	0649 201	62.00
			6 - 13	0649 202	62.00
			13 - 19	0649 203	62.00
			19 - 26	0649 204	64.00
			26 - 32	0649 205	64.00
			32 - 38	0649 206	68.00
			38 - 44	0649 207	68.00
			44 - 51	0649 208	70.00
			51 - 57	0649 209	70.00
			57 - 64	0649 210	74.00

			Nominal dimension dia. mm	Ref. No.	List price Euro
			64 - 70	0649 211	74.00
			70 - 78	0649 212	81.00
			78 - 87	0649 213	81.00
			87 - 97	0649 215	89.00
			97 - 106	0649 216	103.00
			106 - 116	0649 217	103.00
			116 - 125	0649 219	122.00
			125 - 135	0649 220	159.00
			135 - 144	0649 222	183.00
			144 - 156	0649 223	183.00

Adjustable snap gauge 0650



Specification

- Adjustable
- Light alloy cast frame
- Carbide tipped measuring faces
- Without indicator
- Up to 100 mm with centering support and lift off device. Snap gauges above 100 mm, excludes centering support and lift off device
- Packaging: Individually packed

			Measuring range dia. mm	Measuring jaws mm	Ref. No.	List price Euro
			0 - 25	15 x 15	0650 101	796.00
			25 - 50	15 x 15	0650 102	870.00
			50 - 75	15 x 15	0650 103	956.00
			75 - 100	15 x 15	0650 104	1,048.00
			100 - 150	40 x 18	0650 105	1,510.00
			150 - 200	40 x 18	0650 106	1,708.00
			200 - 250	40 x 18	0650 107	1,960.00
			250 - 300	40 x 18	0650 108	2,040.00
			300 - 350	40 x 18	0650 109	2,165.00
			350 - 400	40 x 18	0650 110	2,343.00
			400 - 450	40 x 18	0650 111	2,515.00
			450 - 500	40 x 18	0650 112	2,688.00
			500 - 550	40 x 18	0650 113	2,862.00
			550 - 600	40 x 18	0650 114	3,092.00
			600 - 650	40 x 18	0650 115	3,950.00
			650 - 700	40 x 18	0650 116	4,120.00
			700 - 750	40 x 18	0650 117	4,300.00
			750 - 800	40 x 18	0650 118	4,475.00
			800 - 850	40 x 18	0650 119	4,650.00



Ring gauge 0656



DIN
2250-1



Specification

- Hardened gauge steel,
- DIN 2250-1 (C)
- For setting internal measuring instruments
- Additional fits and specifications are available upon request
- For an additional charge, includes a test report
- Packaging: Individually packed

			Nominal dimension dia. mm	Ref. No.	List price Euro
			4	0656 311	43.80
			4.5	0656 312	43.80
			5	0656 313	42.80
			6	0656 314	41.80
			7	0656 315	41.80
			8	0656 316	41.80
			9	0656 317	41.80
			10	0656 318	41.80
			11	0656 319	42.80
			12	0656 320	43.80
			13	0656 321	44.50
			14	0656 322	44.50
			15	0656 323	45.50
			16	0656 324	45.50
			17	0656 325	46.60
			18	0656 326	46.60
			19	0656 327	47.60
			20	0656 328	48.70
			21	0656 329	49.30
			22	0656 330	49.30
			23	0656 331	51.00
			24	0656 332	52.00
			25	0656 333	53.00
			26	0656 334	54.00
			27	0656 335	54.00
			28	0656 336	55.00
			30	0656 337	51.00
			32	0656 338	58.00
			33	0656 339	58.00
			34	0656 340	59.00
			35	0656 341	59.00
			36	0656 342	60.00
			37	0656 343	61.00
			38	0656 344	62.00
			40	0656 345	63.00
			42	0656 346	67.00
			44	0656 347	70.00
			45	0656 348	72.00
			46	0656 349	74.00
			47	0656 350	76.00
			48	0656 351	78.00
			50	0656 352	81.00
			52	0656 353	83.00
			55	0656 354	90.00
			58	0656 355	94.00

			Nominal dimension dia. mm	Ref. No.	List price Euro
			60	0656 356	98.00
			62	0656 357	101.00
			65	0656 358	107.00
			68	0656 359	115.00
			70	0656 360	118.00
			72	0656 361	123.00
			75	0656 362	127.00
			78	0656 363	134.00
			80	0656 364	138.00
			82	0656 365	146.00
			85	0656 366	156.00
			88	0656 367	166.00
			90	0656 368	172.00
			92	0656 369	179.00
			95	0656 370	190.00
			98	0656 371	200.00
			100	0656 372	206.00
			105	0656 373	216.00
			110	0656 374	227.00
			115	0656 375	237.00
			120	0656 376	248.00
			125	0656 377	258.00
			130	0656 378	268.00
			135	0656 379	278.00
			140	0656 380	288.00
			145	0656 381	299.00
			150	0656 382	310.00
			155	0656 383	338.00
			160	0656 384	365.00
			165	0656 385	392.00
			170	0656 386	421.00
			175	0656 387	449.00
			180	0656 388	477.00
			185	0656 389	506.00
			190	0656 390	532.00
			195	0656 391	561.00
			200	0656 392	588.00
			210	0656 393	620.00
			220	0656 394	648.00
			230	0656 395	679.00
			240	0656 396	709.00
			250	0656 397	739.00
			260	0656 398	769.00
			270	0656 399	798.00



Thread plug gauge 0658



**DIN
2280**

Specification

- DIN 2280
- For standard metric ISO threads DIN 13
- Gauge steel, hardened
- Fit 6H
- Additional fits and types on request
- For an additional charge, includes a test report
- Packaging: Individually packed

			Thread size M	Ref. No.	List price Euro
			1.0 x 0.25	0658 001	129.00
			1.2 x 0.25	0658 002	124.00
			1.4 x 0.30	0658 003	108.00
			1.6 x 0.35	0658 004	94.00
			1.8 x 0.35	0658 005	83.00
			2.0 x 0.40	0658 006	83.00
			2.2 x 0.45	0658 007	76.00
			2.5 x 0.45	0658 008	71.00
			3.0 x 0.50	0658 009	59.00
			3.5 x 0.60	0658 010	58.00
			4.0 x 0.70	0658 011	55.00
▪			5.0 x 0.80	0658 012	54.00
▪			6.0 x 1.00	0658 013	52.00
▪			7.0 x 1.00	0658 014	53.00
▪			8.0 x 1.25	0658 015	54.00
▪			9.0 x 1.25	0658 016	55.00
▪			10.0 x 1.50	0658 017	58.00
▪			11.0 x 1.50	0658 018	91.00
▪			12.0 x 1.75	0658 019	62.00

			Thread size M	Ref. No.	List price Euro
▪			14.0 x 2.00	0658 020	67.00
▪			16.0 x 2.00	0658 021	72.00
▪			18.0 x 2.50	0658 022	77.00
▪			20.0 x 2.50	0658 023	82.00
			22.0 x 2.50	0658 024	87.00
			24.0 x 3.00	0658 025	98.00
			27.0 x 3.00	0658 026	107.00
			30.0 x 3.50	0658 027	119.00
			33.0 x 3.50	0658 028	130.00
			36.0 x 4.00	0658 029	141.00
			39.0 x 4.00	0658 030	156.00
			42.0 x 4.50	0658 031	230.00
			45.0 x 4.50	0658 032	249.00
			48.0 x 5.00	0658 033	269.00
			52.0 x 5.00	0658 034	287.00
			60.0 x 5.50	0658 035	318.00
			56.0 x 5.50	0658 036	338.00
			64.0 x 6.00	0658 037	370.00
			68.0 x 6.00	0658 038	393.00

Set of thread plug gauges 0658



**DIN
13**

Specification

- DIN 13
- Hardened gauge steel
- For standard metric ISO threads
- GO and NO GO
- Fit 6H
- Packaging: Wooden case

			Nominal dimensions mm	Ref. No.	List price Euro
7 pieces (M3 - M12 mm):					
			M3 - M4 - M5 - M6 - M8 - M10 - M12	0658 090	219.00



Thread ring gauges 0658



DIN
2285-1



DIN
2299-1

Specification

- **GO thread ring gauge**
- For standard metric ISO threads DIN 13
- Hardened gauge steel
- DIN 2285-1
- Fit 6g
- Additional fits and types on request
- For an additional charge, includes a test report
- Packaging: Oiled paper

Specification

- **NO GO thread ring gauge**
- For standard metric ISO threads DIN 13
- Hardened gauge steel
- DIN 2299-1
- Fit 6g
- Additional fits and types on request
- For an additional charge, includes a test report
- Packaging: Oiled paper

			Thread size M	Ref. No.	List price Euro
			1.0 x 0.25	0658 501	130.00
			1.2 x 0.25	0658 502	123.00
			1.4 x 0.30	0658 503	114.00
			1.6 x 0.35	0658 504	83.00
			1.8 x 0.35	0658 505	75.00
			2.0 x 0.40	0658 506	75.00
			2.2 x 0.45	0658 507	65.00
			2.5 x 0.45	0658 508	56.00
			3.0 x 0.50	0658 509	46.60
			3.5 x 0.60	0658 510	43.80
			4.0 x 0.70	0658 511	42.80
			5.0 x 0.80	0658 512	42.80
			6.0 x 1.00	0658 513	42.80
			7.0 x 1.00	0658 514	42.80
			8.0 x 1.25	0658 515	43.80
			9.0 x 1.25	0658 516	46.60
			10.0 x 1.50	0658 517	51.00
			11.0 x 1.50	0658 518	58.00
			12.0 x 1.75	0658 519	60.00
			14.0 x 2.00	0658 520	65.00
			16.0 x 2.00	0658 521	72.00
			18.0 x 2.50	0658 522	83.00
			20.0 x 2.50	0658 523	92.00
			22.0 x 2.50	0658 524	100.00
			24.0 x 3.00	0658 525	107.00
			27.0 x 3.00	0658 526	120.00
			30.0 x 3.50	0658 527	130.00
			33.0 x 3.50	0658 528	143.00
			36.0 x 4.00	0658 529	153.00
			39.0 x 4.00	0658 530	167.00
			42.0 x 4.50	0658 531	182.00
			45.0 x 4.50	0658 532	192.00
			48.0 x 5.00	0658 533	204.00
			52.0 x 5.00	0658 534	220.00
			60.0 x 5.50	0658 535	233.00
			56.0 x 5.50	0658 536	249.00
			64.0 x 6.00	0658 537	267.00
			68.0 x 6.00	0658 538	282.00

			Thread size M	Ref. No.	List price Euro
			1.0 x 0.25	0658 601	130.00
			1.2 x 0.25	0658 602	123.00
			1.4 x 0.30	0658 603	114.00
			1.6 x 0.35	0658 604	83.00
			1.8 x 0.35	0658 605	75.00
			2.0 x 0.40	0658 606	75.00
			2.2 x 0.45	0658 607	65.00
			2.5 x 0.45	0658 608	56.00
			3.0 x 0.50	0658 609	46.60
			3.5 x 0.60	0658 610	43.80
			4.0 x 0.70	0658 611	42.80
			5.0 x 0.80	0658 612	42.80
			6.0 x 1.00	0658 613	42.80
			7.0 x 1.00	0658 614	42.80
			8.0 x 1.25	0658 615	43.80
			9.0 x 1.25	0658 616	46.60
			10.0 x 1.50	0658 617	51.00
			11.0 x 1.50	0658 618	59.00
			12.0 x 1.75	0658 619	60.00
			14.0 x 2.00	0658 620	65.00
			16.0 x 2.00	0658 621	72.00
			18.0 x 2.50	0658 622	83.00
			20.0 x 2.50	0658 623	92.00
			22.0 x 2.50	0658 624	100.00
			24.0 x 3.00	0658 625	107.00
			27.0 x 3.00	0658 626	120.00
			30.0 x 3.50	0658 627	130.00
			33.0 x 3.50	0658 628	143.00
			36.0 x 4.00	0658 629	153.00
			39.0 x 4.00	0658 630	167.00
			42.0 x 4.50	0658 631	182.00
			45.0 x 4.50	0658 632	192.00
			48.0 x 5.00	0658 633	204.00
			52.0 x 5.00	0658 634	220.00
			60.0 x 5.50	0658 635	233.00
			56.0 x 5.50	0658 636	249.00
			64.0 x 6.00	0658 637	267.00
			68.0 x 6.00	0658 638	282.00



Set of GO thread ring gauges 0658



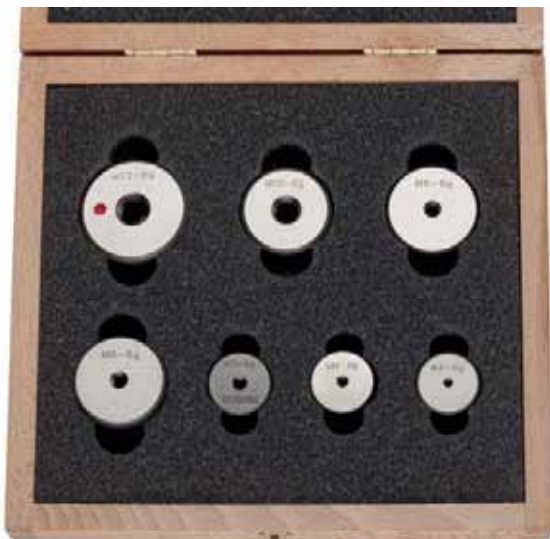
DIN
13

Specification

- M3 - M12, 7 pieces
 - DIN 13
 - Hardened gauge steel
 - Coarse pitch metric ISO threads
 - Fit 6 g
- Packaging: Wooden case

			Fit	Ref. No.	List price Euro
M3 - M12 (M3, M4, M5, M6, M8, M 10, M 12)			6 g	0658 590	219,00

Set of NO GO thread ring gauges 0658











DIN
13

Specification

- M3 - M12, 7 pieces
 - DIN 13
 - Hardened gauge steel
 - Coarse pitch metric ISO threads
 - Fit 6 g
- Packaging: Wooden case

			Fit	Ref. No.	List price Euro
M3 - M12 (M3, M4, M5, M6, M8, M 10, M 12)			6 g	0658 690	219,00



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
	Data output: OPTO or Data variable
	Accuracy according to DIN

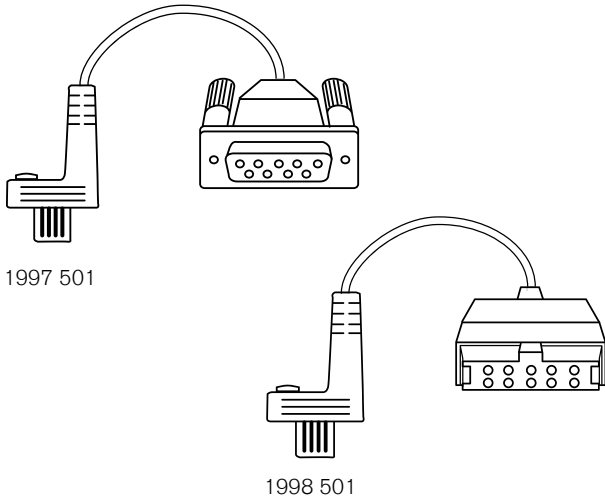


CHAPTER 7 - DATA TRANSMISSION

Data cables	7/2
Software	7/2
Radio transmission	7/3
Interface boxes	7/4



Data cable for variable data output 1997 / 1998

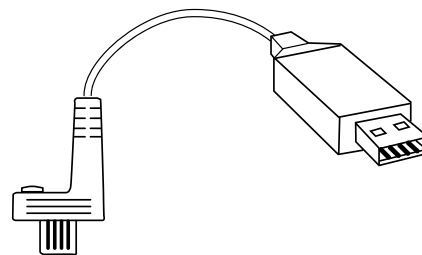


1997 501

1998 501

Specification

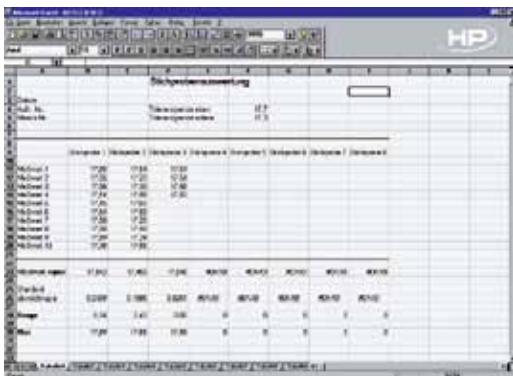
- Available for all DIGI-MET® measuring instruments with a variable data output
- Length 2m
- With a data transfer button
- Data cable for USB incl. USBCom Software to transfer data to MS Excel®



1998 720

	Ref. No.	List price Euro
Cable for USB incl. USBCom Software	1998 720	62.00
Cable for RS 232	1997 501	43.60
Cable for Digimatic	1998 501	43.60

DIGI-MET® USBCom data acquisition 1998



System requirements:

Windows 2000, XP
 USB interface, from 1.1
 Minimum 10 MB
 CD drive
 Recommended: MS Excel®
 from Version 97

Specification USBCom Standard

- Transfer data direct in MS Excel® (from Version 97) or text file
- Data transfer via 1 USB and 1 RS232 interface
- Data acquisition with foot-operated switch, PC keyboard or function button on a measuring instrument
- Configurable measuring cycles

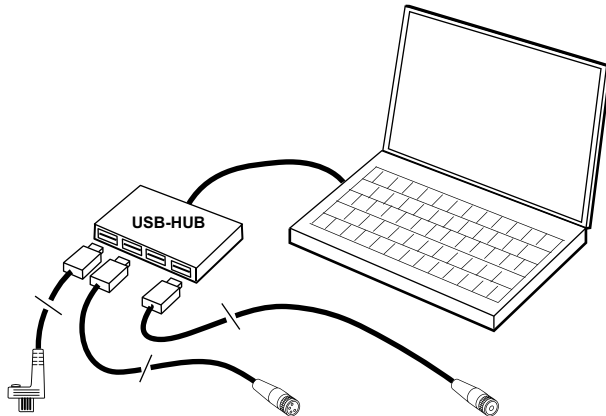
Specification USBCom Professional

- Transfer data direct in MS Excel® (from Version 97) or text file
- Data transfer with up to 100 USB and 2 RS232 interfaces
- Timer operation
- USB Hubs can be connected as interfaces for measuring instruments
- Data acquisition with foot-operated switch, PC keyboard or function button on a measuring instrument
- Configurable measuring cycles

	Ref. No.	List price Euro
USBCom Standard on a CD	1998 712	52.00
USBCom Professional on a CD	1998 710	209.00



DIGI-MET® USBCom data acquisition 1998



	Ref. No.	List price Euro
USB Hub sevenfold	1998 730	104.00
Data cable fo USB	1998 720	62.00
USB cable for foot operated switch	1998 722	52.00
Foot operated switch	1998 732	62.00

Radio transmission 0997



Specification

- Radio controlled transmission
- Wireless data transmission from a measuring instrument to a PC
- **When placing an order, please specify the make (Sylvac or Mahr)**



	Ref. No.	List price Euro
Radio transmission set sender + receiver (consists of a sender, RS 232 cable, mains power adapter, receiver, software)	0997 720	1,138.00
Radio transmission sender	0997 721	404.00
Radio transmission receiver serial interface	0997 722	718.00
Radio transmission receiver USB interface	0997 723	718.00
Radio transmission indicating unit with large numerals	0997 727	967.00



DIGI-MET® Box for data input 0997



Specification 0997 730

- For connection to PC keyboard interface
- Power supply via PC
- Permits connection of 5 measuring instruments with data output 3x Digimatic and 2x Opto RS 232
- Data transmission via data key, foot operated switch or function button
- Attributive values via PC keyboard
- No special driver software required
- Includes the connecting cable from box to PC
- Simple data transmission in Windows® standard applications such as Excel®, Access®, etc.
- PC keyboard remains fully functional
- Packaging: Cardboard box

Specification 0997 740

- For connection between PC and RS 232 interface (COM)
- Power supply 230 V
- Permits connection of 7 measuring instruments with data output 4x Digimatic and 3x Opto RS 232
- Data transmission via foot operated switch
- A special quality assurance programme or another compatible programme is required
- Packaging: Cardboard box

	Ref. No.	List price Euro
Connect 2 measuring instruments with Opto RS 232 and 3 meas. instruments with Digimatic data outputs	0997 730	564.00
Connect 3 measuring instruments with Opto RS 232 and 4 meas. instruments with Digimatic data outputs	0997 740	749.00

Accessories

	Ref. No.	List price Euro
DIGI-MET® Connecting cable from box 0997 740 to PC	0997 746	136.00
DIGI-MET® Foot operated switch for box 0997 730, with a 2 m long connecting cable	0997 735	93.00
DIGI-MET® Foot operated switch for box 0997 740	0997 745	136.00



0997 745











HELIOS·PREISSER

Overview DIGI-MET® Data cable / measuring instrument



For measuring instruments	Data cables					
	USB 1998 720	Digimatic 1998 501	RS 232 1997 501	Opto RS 232 - USB 0996 705	Opto - RS 232 0996 701	RS 232 0909 110
0220				▪	▪	
0221				▪	▪	
0222				▪	▪	
0223				▪	▪	
0224				▪	▪	
0225				▪	▪	
0226				▪	▪	
0258				▪	▪	
0265				▪	▪	
0266				▪	▪	
0273				▪	▪	
0274				▪	▪	
0275				▪	▪	
0276				▪	▪	
0277				▪	▪	
0278 700				▪	▪	
0278 701				▪	▪	
0278 702				▪	▪	
0279				▪	▪	
0340				▪	▪	
0342				▪	▪	
0425				▪	▪	
0691				▪	▪	
0907						▪
0908						▪
0932				▪	▪	
0933				▪	▪	
1220	▪	▪	▪			
1222	▪	▪	▪			
1226	▪	▪	▪			
1231	▪	▪	▪			
1234	▪	▪	▪			
1235	▪	▪	▪			
1238	▪	▪	▪			
1248	▪	▪	▪			
1260	▪	▪	▪			
1262	▪	▪	▪			
1264	▪	▪	▪			
1266	▪	▪	▪			
1268	▪	▪	▪			
1276	▪	▪	▪			
1278	▪	▪	▪			
1722	▪	▪	▪			
1723	▪	▪	▪			
1724	▪	▪	▪			
1726	▪	▪	▪			
1728	▪	▪	▪			
1730	▪	▪	▪			
1732	▪	▪	▪			
1734	▪	▪	▪			
1865	▪	▪	▪			



	Marked with an ■ = available from stock
	Marked with an ■ = includes initial calibration and calibration certificate (traceable to national standards) at no extra charge.
	Marked with an ■ = excess length/excess weight - Measuring range is longer than 1000 mm - Weight is heavier than 20 Kg Freight costs will be calculated and invoiced appropriately.
	QuickLock The keys on the measuring instrument are locked against any accidental usage (e.g. zero setting). A padlock symbol appears in the display.
	QuickStart Once the measuring instrument is used the display will appear automatically. The measuring instrument retains the set zero setting even when the instrument was in the "snooze" mode.
	IP-Protection class Degree of protection against contact, foreign bodies (i.e. dust) and water according to DIN EN 60529 and DIN 40050.
	Data output: OPTO or Data variable
	Accuracy according to DIN



CHAPTER 8 - CALIBRATION SERVICE, KEYWORD INDEX, ORDER NUMBER INDEX

Calibration service	8/2
Keyword index	8/4
Order number index	8/6



Free initial calibration available with many of our products



All HELIOS-PREISSER measuring instruments with a marked in the column (=Calibration), will undergo initial calibration and are supplied with a certificate at no extra charge! No separate order is required for these articles to be pre-calibrated on delivery.

For all other gauges and measuring instruments, and for subsequent calibration, the following calibration services are offered. Testing is carried out in accordance with VDI / VDE / DGQ guidelines 26 ff.

Calipers / Depth gauges / Height gauges analogue or digital (1 graduation)

Maximum measuring range mm	Ref. No.	List price Euro
150	4310 110	10.40
300	4310 115	18.60
500	4310 120	31.60
1000	4310 125	66.40
2000	4310 130	91.80
3000	4310 135	144.00

Micrometers according to DIN 863-1

Maximum measuring range mm	Ref. No.	List price Euro
25	4320 210	17.80
100	4320 212	24.00
200	4320 214	26.00
300	4320 220	28.80
500	4320 224	31.80
1000	4320 228	52.00

Micrometers with interchangeable inserts including setting standard

Maximum measuring range mm	Ref. No.	List price Euro
100	4320 810	111.00
200	4320 814	158.00
300	4320 818	170.00
400	4320 822	174.00
500	4320 826	174.00
600	4320 830	174.00
700	4320 834	222.00
800	4320 838	222.00
900	4320 842	222.00
1000	4320 846	222.00
1200	4320 850	264.00
1400	4320 854	264.00
1600	4320 858	315.00
1800	4320 862	315.00
2000	4320 866	315.00

Setting standards for micrometers Tolerance zone js 2

Maximum nominal dimension mm	Ref. No.	List price Euro
100	4329 010	6.30
500	4329 026	14.50
1000	4329 046	29.00

Flanged base, straight edges and knife-edge straight edges according to DIN 875 all accuracies

Maximum beam length mm	Ref. No.	List price Euro
100	4340 210	13.60
200	4340 214	15.00
500	4340 218	22.00
750	4340 222	37.80
1000	4340 226	45.00
1500	4340 230	67.00

Protractor

Ref. No.	List price Euro
4342 410	10.40

Universal bevel protractor analogue or digital (1 blade)

Ref. No.	List price Euro
4342 610	24.00

Rules according to DIN 866 Form A / B

Maximum length mm	Ref. No.	List price Euro
500	4350 210	27.40
1000	4350 218	44.80
1500	4350 226	66.80
2000	4350 232	85.80
3000	4350 238	121.00



Free initial calibration available with many of our products



Flat rules according to DIN 874 Teil 1 all accuracies

Maximum length mm	Ref. No.	List price Euro
500	4351 610	22.80
1000	4351 618	52.80
2000	4351 628	79.60
3000	4351 638	101.00

Knife edge rules according to DIN 874 Part 2 all accuracies

Maximum length mm	Ref. No.	List price Euro
200	4352 412	13.00
500	4352 418	20.60
1000	4352 422	39.00

Levels

Maximum length mm	Ref. No.	List price Euro
300	4353 410	47.60

Frame levels

Maximum length mm	Ref. No.	List price Euro
300	4353 510	65.80

Parallel gauge blocks

Maximum nominal dimension mm	Ref. No.	List price Euro
100	4357 010	9.80
300	4357 020	28.80

Plug gauges, GO / NO-GO master gauges

Maximum diameter mm	Ref. No.	List price Euro
100	4357 610	10.00
200	4357 620	17.00

Setting rings (master rings)

Maximum diameter mm	Ref. No.	List price Euro
100	4358 410	15.00
200	4358 420	26.40

Thread gauges, NO-GO snap gauges

Maximum nominal dimension mm	Ref. No.	List price Euro
100	4358 810	17.00

Thread plug gauges, GO / NO-GO thread gauges

Maximum diameter mm	Ref. No.	List price Euro
100	4359 210	21.60

Thread master rings

Maximum diameter mm	Ref. No.	List price Euro
100	4359 410	27.60

Indicators, analogue and digital, readings/resolution 0.01 and 0.001

Maximum measuring range mm	Ref. No.	List price Euro
12.5	4360 210	22.00
30	4360 212	31.60
50	4360 214	35.80
100	4360 218	46.00

Dial test indicator

Ref. No.	List price Euro
4360 810	30.60

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Marked • = available from stock



Marked • = excess length/excess weight



Marked • = includes a F.O.C. calibration certificate, traceable to national standards

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0286 207	1/49	0304 002	4/8	0319 010	4/13	0344 502	4/10	0371 108	5/3
0286 208	1/49	0304 003	4/8	0319 101	4/12	0344 503	4/10	0371 109	5/3
0286 209	1/49	0304 004	4/8	0319 102	4/12	0344 505	4/10	0371 110	5/3
0286 210	1/49	0304 005	4/8	0319 103	4/12	0364 209	5/5	0371 111	5/3
0286 212	1/49	0304 006	4/8	0319 104	4/12	0364 211	5/5	0371 112	5/3
0286 213	1/49	0304 007	4/8	0319 510	4/12	0364 212	5/5	0371 202	5/3
0286 501	1/49	0304 008	4/8	0319 510	4/13	0364 242	5/5	0371 203	5/3
0286 502	1/49	0304 009	4/8	0320 001	4/13	0368 102	5/2	0371 204	5/3
0286 504	1/49	0304 010	4/8	0320 002	4/13	0368 103	5/2	0371 205	5/3
0286 505	1/49	0304 012	4/8	0320 101	4/13	0368 104	5/2	0371 206	5/3
0286 507	1/49	0304 015	4/8	0320 102	4/13	0368 105	5/2	0371 207	5/3
0286 508	1/49	0304 020	4/8	0321 301	4/11	0368 106	5/2	0371 208	5/3
0286 509	1/49	0308 201	4/7	0321 302	4/11	0368 107	5/2	0371 209	5/3
0286 510	1/49	0308 202	4/7	0321 303	4/11	0368 108	5/2	0371 210	5/3
0289 511	1/50	0308 303	4/7	0321 305	4/11	0368 109	5/2	0371 211	5/3
0289 512	1/50	0308 305	4/7	0331 011	4/14	0368 110	5/2	0371 212	5/3
0289 521	1/50	0310 101	4/4	0331 011	4/17	0368 111	5/2	0372 102	5/4
0289 522	1/50	0310 103	4/4	0331 111	4/14	0368 112	5/2	0372 103	5/4
0289 531	1/50	0310 105	4/4	0331 111	4/17	0368 202	5/2	0372 104	5/4
0289 532	1/50	0310 107	4/4	0331 301	4/14	0368 203	5/2	0372 105	5/4
0289 541	1/50	0310 108	4/4	0331 302	4/14	0368 204	5/2	0372 106	5/4
0289 542	1/50	0311 101	4/4	0331 303	4/14	0368 205	5/2	0372 107	5/4
0289 551	1/50	0311 103	4/4	0331 304	4/14	0368 206	5/2	0372 108	5/4
0289 552	1/50	0311 105	4/4	0331 311	4/14	0368 207	5/2	0372 109	5/4
0289 561	1/50	0311 107	4/4	0331 312	4/14	0368 208	5/2	0372 110	5/4
0289 562	1/50	0311 108	4/4	0331 313	4/14	0368 209	5/2	0372 111	5/4
0289 571	1/50	0311 120	4/4	0331 314	4/14	0368 210	5/2	0372 112	5/4
0289 572	1/50	0311 121	4/4	0334 101	4/15	0368 211	5/2	0372 113	5/4
0292 501	1/51	0312 101	4/9	0334 101	4/18	0368 212	5/2	0372 114	5/4
0292 502	1/51	0312 103	4/9	0334 102	4/15	0368 102	5/2	0373 102	5/4
0294 504	1/51	0312 105	4/9	0334 102	4/18	0369 103	5/2	0373 103	5/4
0294 505	1/51	0312 107	4/9	0334 105	4/15	0369 104	5/2	0373 104	5/4
0294 506	1/51	0312 108	4/9	0334 106	4/15	0369 105	5/2	0373 105	5/4
0294 507	1/51	0313 101	4/9	0334 110	4/19	0369 106	5/2	0373 106	5/4

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0373 108	5/4	0390 205	5/9	0451 102	6/2	0460 231	6/3	0461 545	6/6
0373 109	5/4	0390 206	5/9	0451 103	6/2	0460 232	6/3	0461 546	6/6
0373 110	5/4	0390 208	5/9	0451 104	6/2	0460 233	6/3	0461 547	6/6
0373 111	5/4	0391 102	5/9	0451 105	6/2	0460 241	6/3	0461 548	6/6
0373 112	5/4	0391 103	5/9	0451 106	6/2	0460 242	6/3	0461 549	6/6
0373 113	5/4	0391 104	5/9	0451 201	6/2	0460 243	6/3	0461 550	6/6
0373 114	5/4	0391 105	5/9	0451 202	6/2	0460 244	6/3	0461 551	6/6
0376 102	5/5	0391 106	5/9	0451 203	6/2	0460 245	6/3	0461 552	6/6
0376 103	5/5	0391 108	5/9	0451 204	6/2	0460 246	6/3	0461 553	6/6
0376 104	5/5	0391 202	5/9	0451 205	6/2	0460 247	6/3	0461 554	6/6
0376 105	5/5	0391 203	5/9	0451 206	6/2	0460 248	6/3	0461 555	6/6
0378 103	5/6	0391 204	5/9	0452 101	6/2	0460 249	6/3	0461 556	6/6
0378 104	5/6	0391 205	5/9	0452 103	6/2	0460 250	6/3	0461 557	6/6
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0378 114	5/6	0394 101	5/10	0452 106	6/2	0460 253	6/3	0461 560	6/6
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0379 104	5/6	0410 301	5/13	0452 109	6/2	0460 504	6/4	0464 103	6/8
0379 105	5/6	0410 302	5/13	0452 201	6/2	0460 505	6/4	0464 104	6/8
0379 113	5/6	0410 303	5/13	0452 203	6/2	0460 506	6/4	0464 105	6/8
0379 114	5/6	0410 304	5/13	0452 204	6/2	0460 507	6/4	0464 106	6/8
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0380 107	5/7	0411 106	5/13	0458 102	6/7	0460 521	6/4	0464 203	6/8
0380 108	5/7	0411 107	5/13	0458 103	6/7	0460 522	6/4	0464 204	6/8
0380 109	5/7	0411 108	5/13	0458 104	6/7	0460 524	6/4	0464 205	6/8
0385 102	5/8	0411 109	5/13	0458 105	6/7	0460 525	6/4	0464 206	6/8
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0385 104	5/8	0411 301	5/13	0458 107	6/7	0460 527	6/4	0464 208	6/8
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0385 106	5/8	0411 303	5/13	0458 109	6/7	0460 529	6/4	0465 101	6/8
0385 108	5/8	0411 304	5/13	0458 110	6/7	0461 501	6/5	0465 102	6/8
0385 202	5/8	0411 305	5/13	0458 111	6/7	0461 502	6/5	0465 103	6/8
0385 203	5/8	0411 306	5/13	0458 112	6/7	0461 503	6/5	0465 104	6/8
0385 204	5/8	0411 307	5/13	0458 113	6/7	0461 504	6/5	0465 105	6/8
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0386 102	5/8	0412 201	5/14	0458 117	6/7	0461 508	6/5	0465 109	6/8
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0386 106	5/8	0413 301	5/14	0458 205	6/7	0461 512	6/5	0465 204	6/8
0386 108	5/8	0413 302	5/14	0458 206	6/7	0461 513	6/5	0465 205	6/8
0386 202	5/8	0415 301	5/15	0458 207	6/7	0461 514	6/5	0465 206	6/8
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0386 204	5/8	0415 303	5/15	0458 253	6/7	0461 516	6/5	0465 208	6/8
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0387 201	5/11	0416 303	5/15	0458 258	6/7	0461 521	6/5	0466 104	6/9
0387 204	5/11	0416 304	5/15	0458 291	6/7	0461 522	6/5	0466 105	6/9
0388 102	5/10	0416 305	5/15	0460 201	6/3	0461 523	6/5	0466 106	6/9
0388 103	5/10	0420 121	5/16	0460 202	6/3	0461 524	6/5	0466 107	6/9
0388 104	5/10	0420 122	5/16	0460 204	6/3	0461 525	6/5	0466 108	6/9
0388 105	5/10	0420 124	5/16	0460 205	6/3	0461 526	6/5	0466 109	6/9
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0388 206	5/10	0422 501	5/17	0460 212	6/3	0461 533	6/6	0466 207	6/9
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0388 210	5/10	0422 503	5/17	0460 221	6/3	0461 535	6/6	0466 209	6/9
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0390 103	5/9	0425 211	5/17	0460 223	6/3	0461 537	6/6	0467 012	6/11
0390 104	5/9	0425 212	5/17	0460 224	6/3	0461 538	6/6	0467 013	6/11
0390 105	5/9	0425 213	5/17	0460 225	6/3	0461 539	6/6	0467 014	6/11
0390 106	5/9	0425 214	5/17	0460 226	6/3	0461 540	6/6	0467 015	6/11
0390 108	5/9	0425 701	5/17	0460 227	6/3	0461 541	6/6	0467 016	6/11
0390 202	5/9	0425 702	5/17	0460 228	6/3	0461 542	6/6	0467 017	6/11
0390 203	5/9	0425 703	5/17	0460 229	6/3	0461 543	6/6	0467 111	6/11



Marked * = available from stock



Marked * = excess length/excess weight



Marked * = includes a F.O.C. calibration certificate, traceable to national standards

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0467 113	6/11	0478 327	6/13	0504 016	6/17	0536 212	6/21	0600 113	6/30
0467 114	6/11	0478 330	6/13	0504 112	6/17	0536 213	6/21	0600 114	6/30
0467 115	6/11	0478 332	6/13	0504 113	6/17	0536 220	6/21	0600 115	6/30
0467 116	6/11	0478 333	6/13	0504 114	6/17	0536 230	6/21	0601 103	6/30
0467 117	6/11	0478 907	6/15	0504 115	6/17	0542 102	6/22	0601 120	6/30
0470 101	6/11	0478 908	6/15	0504 116	6/17	0542 103	6/22	0604 002	6/30
0470 102	6/11	0478 909	6/15	0504 312	6/17	0542 104	6/22	0604 004	6/30
0470 103	6/11	0478 911	6/15	0504 313	6/17	0542 802	6/22	0604 006	6/30
0470 104	6/11	0478 914	6/15	0504 314	6/17	0542 803	6/22	0604 013	6/31
0470 105	6/11	0478 917	6/15	0504 315	6/17	0542 804	6/22	0604 014	6/31
0470 107	6/11	0478 920	6/15	0504 316	6/17	0544 101	6/22	0604 015	6/31
0470 111	6/11	0478 922	6/15	0508 011	6/18	0544 102	6/22	0604 016	6/31
0470 112	6/11	0478 923	6/15	0508 012	6/18	0544 103	6/22	0604 017	6/31
0470 113	6/11	0481 023	6/14	0508 013	6/18	0544 104	6/22	0604 018	6/31
0470 114	6/11	0481 024	6/14	0508 111	6/18	0544 105	6/22	0604 019	6/31
0470 115	6/11	0481 025	6/14	0508 112	6/18	0544 106	6/22	0604 020	6/31
0470 117	6/11	0481 028	6/14	0508 113	6/18	0544 107	6/22	0604 021	6/31
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0471 102	6/12	0481 034	6/14	0512 102	6/10	0550 022	6/23	0604 023	6/31
0471 103	6/12	0481 043	6/14	0512 103	6/10	0550 023	6/23	0604 024	6/31
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0471 105	6/12	0481 045	6/14	0512 105	6/10	0550 101	6/23	0604 026	6/31
0471 111	6/12	0481 048	6/14	0512 106	6/10	0550 102	6/23	0604 027	6/31
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0471 114	6/12	0481 103	6/14	0512 201	6/10	0550 131	6/23	0604 030	6/31
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0472 112	6/12	0481 162	6/15	0512 209	6/10	0556 023	6/24	0604 038	6/31
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0472 134	6/12	0490 015	6/16	0512 610	6/10	0580 101	6/25	0604 050	6/31
0472 135	6/12	0490 016	6/16	0512 611	6/10	0580 111	6/25	0604 051	6/31
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0478 015	6/13	0490 112	6/16	0513 002	6/17	0580 151	6/25	0604 053	6/31
0478 016	6/13	0490 113	6/16	0513 011	6/17	0581 101	6/26	0604 054	6/31
0478 017	6/13	0490 115	6/16	0513 012	6/17	0581 103	6/26	0604 055	6/31
0478 018	6/13	0490 116	6/16	0520 101	6/18	0581 105	6/26	0604 056	6/31
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0478 024	6/13	0490 313	6/16	0520 104	6/18	0582 110	6/26	0604 059	6/31
0478 027	6/13	0490 315	6/16	0520 105	6/18	0582 120	6/26	0604 060	6/31
0478 030	6/13	0490 316	6/16	0522 101	6/19	0582 130	6/27	0604 061	6/31
0478 032	6/13	0491 011	6/16	0522 102	6/19	0589 101	6/27	0604 062	6/31
0478 033	6/13	0491 012	6/16	0522 103	6/19	0589 103	6/27	0604 063	6/31
0478 112	6/13	0491 013	6/16	0522 111	6/19	0590 101	6/27	0604 064	6/31
0478 115	6/13	0491 014	6/16	0522 112	6/19	0590 111	6/27	0604 065	6/31
0478 116	6/13	0491 015	6/16	0522 113	6/19	0590 151	6/28	0604 066	6/31
0478 117	6/13	0491 016	6/16	0524 101	6/19	0595 101	6/28	0604 067	6/31
0478 118	6/13	0491 111	6/16	0524 102	6/19	0595 251	6/28	0604 068	6/31
0478 119	6/13	0491 112	6/16	0524 103	6/19	0597 301	6/28	0604 069	6/31
0478 121	6/13	0491 113	6/16	0525 101	6/20	0597 305	6/29	0604 070	6/31
0478 124	6/13	0491 114	6/16	0525 102	6/20	0598 101	6/29	0604 071	6/31
0478 127	6/13	0491 115	6/16	0525 103	6/20	0598 103	6/29	0604 072	6/31
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0478 132	6/13	0491 311	6/16	0527 102	6/20	0598 601	6/29	0604 074	6/31
0478 133	6/13	0491 312	6/16	0527 104	6/20	0599 101	6/29	0604 075	6/31
0478 312	6/13	0491 313	6/16	0527 105	6/20	0599 102	6/29	0604 076	6/31
0478 315	6/13	0491 314	6/16	0527 107	6/20	0599 151	6/29	0604 077	6/31
0478 316	6/13	0491 315	6/16	0527 108	6/20	0599 152	6/29	0604 078	6/31
0478 317	6/13	0491 316	6/16	0527 110	6/20	0600 101	6/30	0604 079	6/31
0478 318	6/13	0504 012	6/17	0527 111	6/20	0600 102	6/30	0604 080	6/31
0478 319	6/13	0504 013	6/17	0536 201	6/21	0600 103	6/30	0604 081	6/31
0478 321	6/13	0504 014	6/17	0536 202	6/21	0600 111	6/30	0604 082	6/31

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0604 086	6/31	0613 120	6/34	0613 622	6/35	0627 241	6/36	0633 808	6/41
0604 087	6/31	0613 122	6/34	0613 626	6/35	0627 242	6/36	0633 810	6/41
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0604 092	6/31	0613 138	6/34	0613 636	6/35	0628 178	6/36	0634 516	6/43
0604 093	6/31	0613 142	6/34	0613 638	6/35	0628 180	6/36	0634 517	6/43
0604 094	6/31	0613 146	6/34	0613 640	6/35	0628 182	6/36	0634 520	6/43
0604 095	6/31	0613 150	6/34	0613 642	6/35	0628 184	6/36	0634 614	6/43
0604 096	6/31	0613 152	6/34	0613 644	6/35	0628 186	6/36	0634 616	6/43
0604 202	6/30	0613 154	6/34	0613 646	6/35	0628 188	6/36	0634 617	6/43
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0605 110	6/32	0613 228	6/34	0613 738	6/35	0628 233	6/36	0636 322	6/44
0605 111	6/32	0613 230	6/34	0613 742	6/35	0628 235	6/36	0636 323	6/44
0605 112	6/32	0613 232	6/34	0613 746	6/35	0628 236	6/36	0636 324	6/44
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0607 403	6/32	0613 260	6/34	0613 842	6/35	0633 118	6/37	0636 349	6/44
0611 180	6/33	0613 309	6/34	0613 846	6/35	0633 120	6/37	0636 351	6/44
0611 190	6/33	0613 318	6/34	0613 850	6/35	0633 130	6/38	0636 352	6/44
0611 195	6/33	0613 330	6/34	0613 860	6/35	0633 131	6/38	0636 372	6/44
0611 300	6/33	0613 334	6/34	0613 912	6/35	0633 132	6/38	0636 373	6/44
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0611 503	6/33	0613 346	6/34	0613 930	6/35	0633 137	6/38	0636 376	6/44
0611 504	6/33	0613 350	6/34	0613 934	6/35	0633 138	6/38	0636 377	6/44
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0611 507	6/33	0613 356	6/34	0613 942	6/35	0633 141	6/38	0636 380	6/44
0611 508	6/33	0613 358	6/34	0613 946	6/35	0633 142	6/38	0636 392	6/45
0611 509	6/33	0613 360	6/34	0613 950	6/35	0633 143	6/38	0636 393	6/45
0611 510	6/33	0613 412	6/34	0627 119	6/36	0633 144	6/38	0636 394	6/45
0611 512	6/33	0613 418	6/34	0627 174	6/36	0633 145	6/38	0636 395	6/45
0611 515	6/33	0613 424	6/34	0627 176	6/36	0633 150	6/39	0636 396	6/45
0611 518	6/33	0613 430	6/34	0627 178	6/36	0633 151	6/39	0637 103	6/46
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0611 525	6/33	0613 438	6/34	0627 182	6/36	0633 153	6/39	0637 105	6/46
0611 530	6/33	0613 440	6/34	0627 184	6/36	0633 154	6/39	0637 106	6/46
0611 535	6/33	0613 442	6/34	0627 186	6/36	0633 155	6/39	0637 107	6/46
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0611 545	6/33	0613 450	6/34	0627 190	6/36	0633 171	6/39	0637 109	6/46
0611 550	6/33	0613 512	6/34	0627 210	6/36	0633 172	6/39	0637 110	6/46
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0611 554	6/33	0613 524	6/34	0627 221	6/36	0633 174	6/39	0637 112	6/46
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0611 558	6/33	0613 534	6/34	0627 223	6/36	0633 176	6/39	0637 114	6/46
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0611 570	6/33	0613 607	6/35	0627 233	6/36	0633 182	6/40	0637 120	6/46
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Marked * = available from stock



Marked * = excess length/excess weight



Marked * = includes a F.O.C. calibration certificate, traceable to national standards

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0637 125	6/46	0643 142	6/48	0656 318	6/50	0656 397	6/50	0658 538	6/52
0637 126	6/46	0643 143	6/48	0656 319	6/50	0656 398	6/50	0658 590	6/53
0637 127	6/46	0643 144	6/48	0656 320	6/50	0656 399	6/50	0658 601	6/52
0637 128	6/46	0643 145	6/48	0656 321	6/50	0658 001	6/51	0658 602	6/52
0637 129	6/46	0643 146	6/48	0656 322	6/50	0658 002	6/51	0658 603	6/52
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0637 132	6/46	0643 149	6/48	0656 325	6/50	0658 005	6/51	0658 606	6/52
0637 133	6/46	0643 150	6/48	0656 326	6/50	0658 006	6/51	0658 607	6/52
0637 134	6/46	0643 151	6/48	0656 327	6/50	0658 007	6/51	0658 608	6/52
0637 135	6/46	0643 152	6/48	0656 328	6/50	0658 008	6/51	0658 609	6/52
0637 136	6/46	0643 153	6/48	0656 329	6/50	0658 009	6/51	0658 610	6/52
0637 137	6/46	0643 154	6/48	0656 330	6/50	0658 010	6/51	0658 611	6/52
0637 138	6/46	0643 155	6/48	0656 331	6/50	0658 011	6/51	0658 612	6/52
0637 139	6/46	0643 156	6/48	0656 332	6/50	0658 012	6/51	0658 613	6/52
0637 140	6/46	0643 157	6/48	0656 333	6/50	0658 013	6/51	0658 614	6/52
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0637 142	6/46	0643 159	6/48	0656 335	6/50	0658 015	6/51	0658 616	6/52
0637 144	6/46	0643 160	6/48	0656 336	6/50	0658 016	6/51	0658 617	6/52
0637 146	6/46	0643 161	6/48	0656 337	6/50	0658 017	6/51	0658 618	6/52
0637 147	6/46	0643 162	6/48	0656 338	6/50	0658 018	6/51	0658 619	6/52
0637 148	6/46	0643 163	6/48	0656 339	6/50	0658 019	6/51	0658 620	6/52
0637 149	6/46	0643 164	6/48	0656 340	6/50	0658 020	6/51	0658 621	6/52
0637 150	6/47	0643 165	6/48	0656 341	6/50	0658 021	6/51	0658 622	6/52
0637 151	6/47	0643 166	6/48	0656 342	6/50	0658 022	6/51	0658 623	6/52
0637 152	6/47	0643 167	6/48	0656 343	6/50	0658 023	6/51	0658 624	6/52
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0637 157	6/47	0643 171	6/48	0656 347	6/50	0658 027	6/51	0658 628	6/52
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0637 174	6/47	0649 215	6/49	0656 364	6/50	0658 505	6/52	0691 712	3/6
0637 190	6/47	0649 216	6/49	0656 365	6/50	0658 506	6/52	0691 713	3/6
0643 111	6/48	0649 217	6/49	0656 366	6/50	0658 507	6/52	0691 714	3/6
0643 112	6/48	0649 219	6/49	0656 367	6/50	0658 508	6/52	0700 100	3/10
0643 113	6/48	0649 220	6/49	0656 368	6/50	0658 509	6/52	0700 101	3/10
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0643 115	6/48	0649 223	6/49	0656 370	6/50	0658 511	6/52	0700 104	3/10
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0643 130	6/48	0650 115	6/49	0656 385	6/50	0658 526	6/52	0705 102	3/11
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0643 132	6/48	0650 117	6/49	0656 387	6/50	0658 528	6/52	0705 105	3/11
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0643 138	6/48	0656 314	6/50	0656 393	6/50	0658 534	6/52	0708 103	3/7
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Marked * = available from stock



Marked * = excess length/excess weight



Marked * = includes a F.O.C. calibration certificate, traceable to national standards

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Important notes regarding this catalogue



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All indicated prices exclude the statutory value-added-tax.

We reserve the right to make price changes, alterations to our products, especially due to technical improvements and further developments.

All illustrations and descriptions etc. are valid at the time of going to press.

HELIOS•PREISSER
Postfach 1261
72498 Gammertingen

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