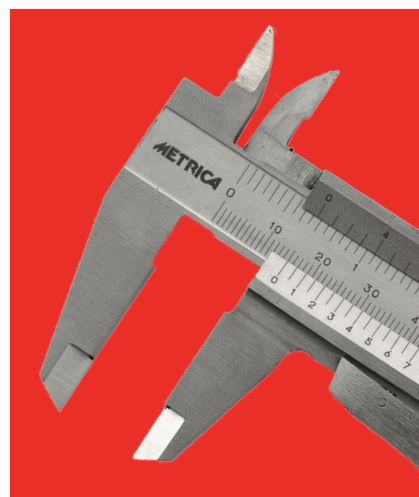




METRICA

MADE TO MEASURE



GENERAL CATALOGUE



METRICA
MADE TO MEASURE





/mea · su · re/: Determine the value of a physical quantity using a measuring instrument and with reference to a unit of measurement.

Our history

1949

In the immediate post-war period, in Danta, a small town 1400m high in the heart of the Dolomites, Metrica begins its activity. Few workers gathered around the Founder, Eng. Sergio Doriguzzi Bozzo, start producing meters and calipers.

1964

Thanks to Sergio's son, Eng. Mario Doriguzzi, who is still President of Metrica today, the company begins to look to international development and for this reason the commercial office in Milan - by now the focal centre of the reborn Italian industrial fabric - is born. In the meantime, Metrica progressively affirms its presence throughout the nation.

1990

Product innovation continues to distinguish Metrica from its competitors. The Company develops and introduces among the first ones the pendulum laser level technology, pioneers of the current laser self-levels, instruments able to simplify in a substantial way the operations of measurement, tracing and control in the field of building construction.

2002

Change continues. The third generation of the Doriguzzi Bozzo family, represented by Margherita Doriguzzi Bozzo, granddaughter of the Founder, enters the company and begins to define strategies to face the challenges of the global market to compete in the rising digital environment.

2018

2018 was also marked by innovation and technological development. The new range of Metrica FLASH distance meters is born, the latest results of that long research process started in the 90s and looking at a highly diversified market, where the needs of the professional public are mixed with the needs of new targets of users.

1955

Metrica begins to develop rapidly, thanks to the economic turmoil linked to the resumption of industrial production and reconstruction. The new production site in Arzignano is born and the range of products is expanded: levels, squares, thickness gauges, micrometers, bore gauges and dial indicators make their appearance in the Metrica catalogue.

1975

The company's commercial development continues. The product range is progressively expanding to meet the continuous demands of the market, which now sees Metrica as a point of reference. The new headquarters of Via Pergolesi in Milan is born.

1995

With the growth and the need to expand, the presence of Metrica in the Milan urban area comes to an end. A new space is identified in the area of San Donato and the new Metrica headquarters is born, still today the company headquarters.

2015

In order to meet the market's requirements for timeliness, Metrica installs an automated warehouse in its new headquarters in San Donato Milanese, capable of handling more than 3,000 pallets and ensuring punctuality and readiness to process and fulfil orders.

2021 MADE TO CUSTOM

Most Metrica products can be customised with the customer's logo on request. For more information please contact us at export@metrica.it or visit the METRICA website.

Measuring is written in Metrica's DNA.

For over seventy years we have been producing measuring instruments for any "size" in the fields of mechanics, construction and tools.

In the course of our evolution, we have made the pursuit of precision in measurement as a fundamental value. In fact, many patents have been developed by the Metrica Technical Staff.

Telefix (telescopic gauges up to 10m) and Quadranfix (angle gauges for construction), as well as many innovations introduced on tape rules with fixed magnets, folding rules or levels, are just some of the technologies that have made Metrica a reference point for measurement and control.

For seventy years, the main objective of our research has been the service to Customer: we constantly innovate our instruments, because we want to make the job easier, faster and more precise.

Today Metrica is present at a global level, represented in over 30 countries through a widespread network of agents and distributors with a range of products that can meet all measurement needs.

Metrica. Made. To measure.



Metrica's values



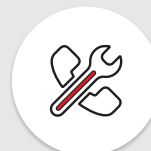
Precision



Innovation



Quality



Service



Made to measure
(= customization)

Gross prices without VAT. Modifications and errors excepted.

All models are shown for information only.

Metrica has the right to do any changes without any previous advise.

Year of printing: 2021

01



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02












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03



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			USE IN = indoor OUT = outdoor	IP INGRESS PROTECTION	LASER COLOR ● = Red ● = Green	FIXED CROSS	SELF-LEVELING POINTS	SELF-LEVELLED CROSS	PLUMB	SQUARE	360° HORIZONTAL COMPLETE LINE	RECHARGEABLE BATTERIES
BRAVO LASER BOX		Code 61300 page 8	IN	IP 43	●	●		●				
BRAVO LASER BOX2		Code 60804 page 9	IN/OUT	IP 54	●	●		●				
BRAVO LASER 180		Code 60805 page 10	IN/OUT	IP 54	●	●		●				
BRAVO LASER CR5D 2.0 GREEN		Code 61360 Code 61365 page 11	IN/OUT	IP 54	● ●	●	5	●	●			
BRAVO LASER BOX 3 BOX 3 GREEN		Code 61420 Code 61430 page 12	IN		● ●	●		●			●	LI-ION
BRAVO LASER FLASH GREEN 360°		Code 61435 page 13	IN/OUT	IP 54	●	●		●			●	LI-ION
BRAVO LASER 360°+1V GREEN		Code 61370 Code 61375 page 14	IN/OUT	IP 54	● ●	●	2	●	●		●	
BRAVO LASER 360°+2V GREEN		Code 60814BR Code 61380 page 15	IN/OUT	IP 54	● ●	●	1	●	●	1	●	
METRICA 3D GREEN		Code 61400M Code 61410M page 16	IN/OUT	IP 54	● ●	●		●	●	4	●	LI-ION
METRICA 3D JUNIOR GREEN		Code 61405M Code 61415M page 17	IN/OUT	IP 54	● ●	●		●	●	4	●	LI-ION
BRAVO LASER XXL		Code 60807 page 18	IN/OUT	IP 54	●	●		●	●	4	●	

			USE IN = indoor OUT = outdoor	IP INGRESS PROTECTION	LASER COLOR ● = Red ● = Green	PLUMB	360° HORIZONTAL COMPLETE LINE	HORIZONTAL ROTATION	VERTICAL ROTATION	SLOPE ADJUSTMENT RANGE ±10%	TILT	SCANNER	RECHARGEABLE BATTERIES
BRAVO LASER ROTATIVO H		Code 60719BM page 19	IN/OUT	IP 54	●		●	●			●		NI-MH
BRAVO LASER ROTATIVO H		Code 60719 page 20	IN/OUT	IP 64	●		●	●			●	●	NI-MH
BRAVO LASER ROTATIVO HV		Code 61355 page 21	IN/OUT	IP 66	●	●	●	●	●		●	●	NI-MH
BRAVO LASER ROTATIVO SL-RED		Code 60821 page 22	IN/OUT	IP 54	●	●	●	●	●		●	●	NI-MH
BRAVO LASER ROTATIVO SL-GREEN		Code 60822 page 23	IN/OUT	IP 54	●	●	●	●	●		●	●	NI-MH
BRAVO LASER ROTATIVO HV4		Code 61350 page 24	IN/OUT	IP 64	●	●	●	●	●		●	●	NI-MH
BRAVO LASER ROTATIVO HV4		Code 61352 page 25	IN/OUT	IP 64	●	●	●	●	●		●	●	NI-MH
KIT		Code 61349 Code 61351 Code 61353 Code 61354 page 26-27	IN/OUT	IP 64	●	●	●	●	●		●	●	NI-MH
BRAVO LASER ROTATIVO INCLIGRAD 2		Code 61345 page 28	IN/OUT	IP 54	●	●	●	●	●	●	●	●	NI-MH

**BRAVO
LASER
BOX**

LASERBOX

Code			€
61300	8001066613007	1	-



- Automatic laser level: **projects a vertical and a horizontal self-leveled plane for indoor use** (red laser)
- Automatic laser flashing when the device is outside of the self-leveling range
- Compact, non-slip rubber protection cover



IN POUCH



Code **60713**
INCLUDED

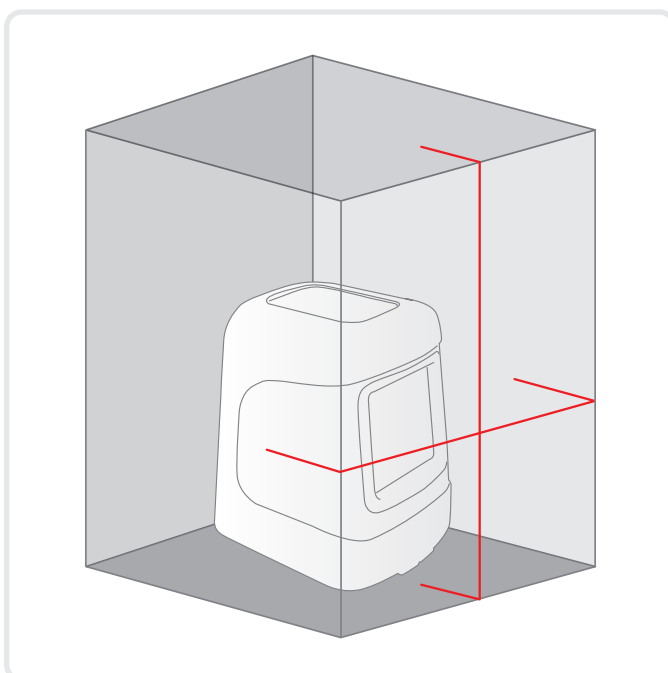


**SPRING
SUPPORT**
Code **60816**
INCLUDED



TECHNICAL DATA

Capacity (depending on ambient brightness)	10 m
Leveling accuracy	± 2 mm / 5 m
Self-leveling range	± 4°
Signal out self-leveling	flashing light
Laser type	635 nm
Laser power	Class II
Batteries	2 X 1.5V AA alkaline
Dimensions (mm)	82 x 57 x 90
Weight (without batteries)	0,36 kg
Dust/Waterproofing	IP 43
Tripod thread	1/4"



**BRAVO
LASER
BOX2**

LASERBOX 2

Code			€
60804	8001066608041	1	-

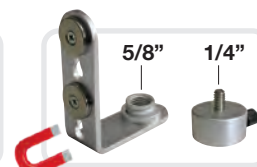
- Self-leveling laser: projects a vertical plane and a horizontal **cross both fixed and self-leveled, for indoor and outdoor use** (red laser)
- Indoor and outdoor use (with receiver not included)
- Automatic laser shutdown if the device is out of range of self leveling
- Integrated locking system to avoid vibrations during carriage
- Compact shape, non-slip and shockproof rubber protection



IN POUCH



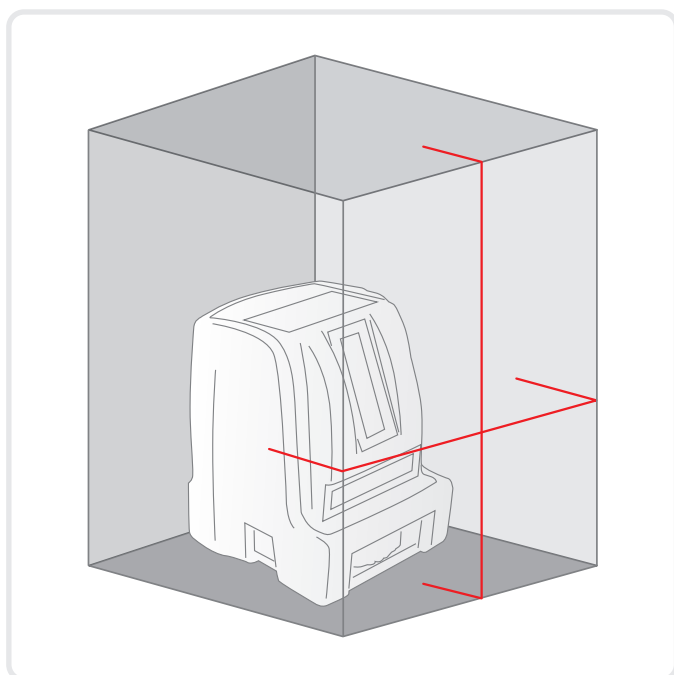
INCLUDED



Code 60714M
INCLUDED

TECHNICAL DATA

Capacity (depending on ambient brightness)	10 ÷ 15 m
Working range with receiver	50 m
Leveling accuracy	± 1 mm / 3 m
Self-leveling range	± 3°
Damper	magnetic
Signal out self-leveling	yes
Laser type	635 nm
Laser power	Class II
Batteries	3 x 1,5 V AA
Dimensions (mm)	100 x 90 x 65
Weight (without batteries)	0,28 Kg
Dust/Waterproofing	IP 54
Tripod thread	5/8"



**BRAVO
LASER
180**

LASERBOX 180

Code			€
60805	8001066608058	1	-



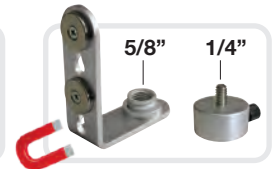
- Self-leveling laser: projects a vertical and horizontal plane **with a 180° opening, both fixed or self-leveled, for indoor and outdoor use** (with receiver Code **60811** not included)
- Automatic laser switch-off if the device is outside the self-leveling range
- Integrated locking system to prevent vibrations during transport
- Compact anti-slip shape



IN POUCH



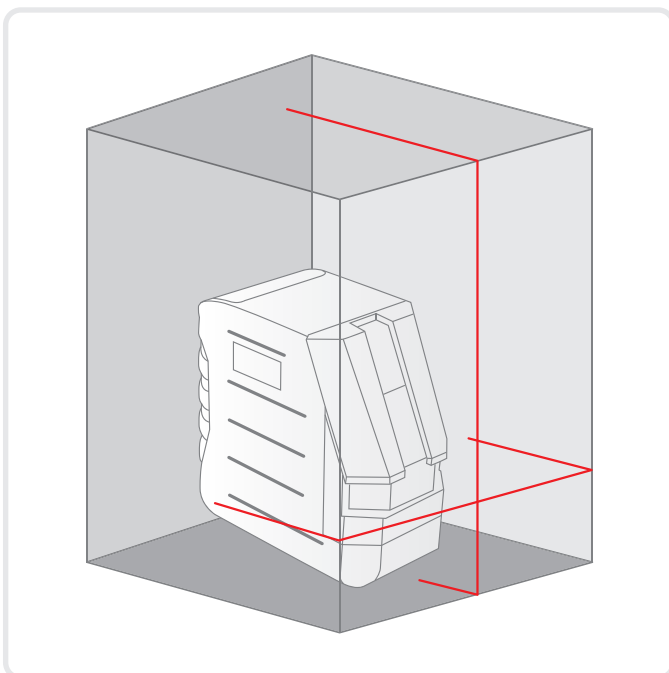
INCLUDED



Code **60714M**
INCLUDED

TECHNICAL FEATURES

Range (according to ambient brightness)	10 ÷ 30 m
Range with receiver	50 m
Leveling accuracy	± 1 mm / 3 m
Self-leveling range	± 3 °
Damping	Magnetic
Signal out of leveling	yes
Laser type	635 nm
Laser power	Class II
Batteries	3 x 1.5 V AA
Dimensions (mm)	100 x 90 x 65
Weight (without batteries)	0.28 Kg
Dust/waterproofing	IP 54
Tripod thread	1/4"



**BRAVO
LASER
CR5D 2.0**
GREEN

**BRAVO LASER
CR + 5 DOTS**

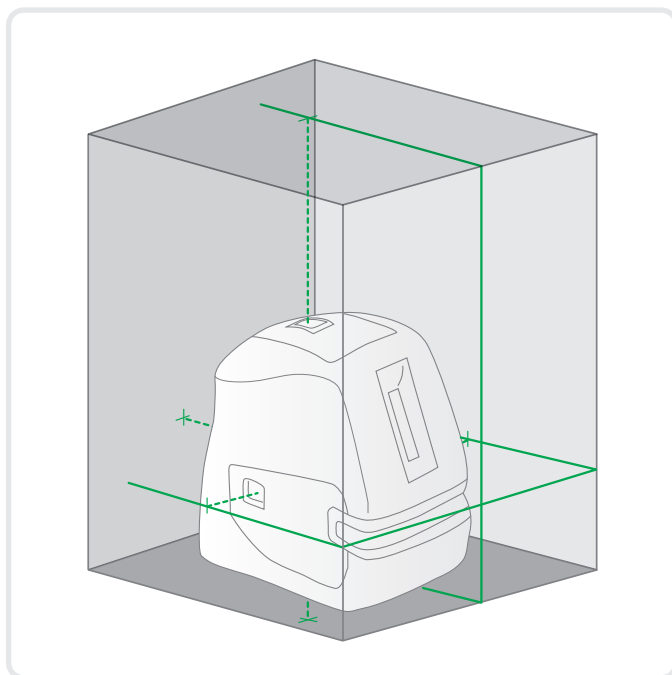
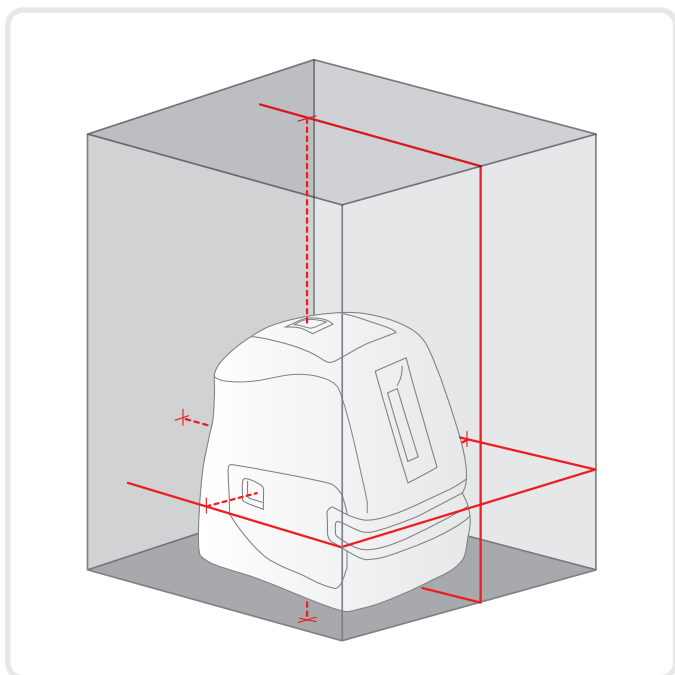
Code				€
61360		8001066613601	1	-
61365		8001066613656	1	-

- Pocket-sized self-levelling laser **for indoor and outdoor use** with receiver (not included)
- Rubberized, non-slip and shockproof
- Projects a horizontal and a vertical line
- Projects a cross (horizontal over 180° + vertical) both fixed and self-leveled
- **Projects 5 points on orthogonal planes, both fixed and self-leveled**
- Audible and visual alarm when device is outside self-levelling range
- 1/4" thread



TECHNICAL DATA

	61360	61365
Capacity (depending on ambient brightness)	15 ÷ 20 m	25 ÷ 30 m
Working range with receiver	50 m	50 m
Leveling accuracy	± 3 mm / 10 m	± 3 mm / 10 m
Self-leveling range	± 4°	± 4°
Signal out self-leveling	yes	yes
Laser type	635 nm <1mw	515 nm <1mw
Laser power	Class II	Class II
Batteries	4 x 1,5 V AA	4 x 1,5 V AA
Dimensions (mm)	110 x 57 x 97	110 x 57 x 97
Weight (without batteries)	0,4 Kg	0,4 Kg
Dust/Waterproofing	IP 54	IP 54
Tripod thread	1/4"	1/4"



**BRAVO
LASER
BOX 3**

BOX 3 GREEN

SELF-LEVELING LASERS LASERBOX 3 LASERBOX 3 GREEN

Code				€
61420		8001066614202	1	-
61430		8001066614301	1	-



- Red (Code **61420**) or green (Code **61430**) self-leveling laser. Projects: a 360° horizontal plane and one vertical planes at 90° to each other forming one wall crosses
- Easy ceiling positioning (< 1 cm)
- **Indoor use**
- Automatic laser flashing and audible warning if the device is outside the self-leveling range
- Integrated locking system to prevent vibration during transport, possibility of projecting laser also with a fixed inclined position.
- Compact, non-slip rubber bumper
- **Optional kit (Code 61445) rechargeable Li-ion batteries and charger/power supply 220 V**



IN POUCH





INCLUDED

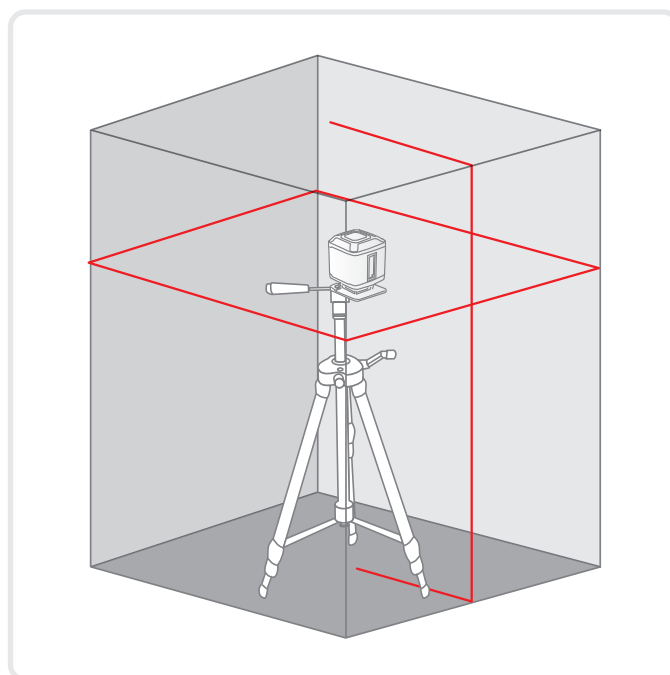
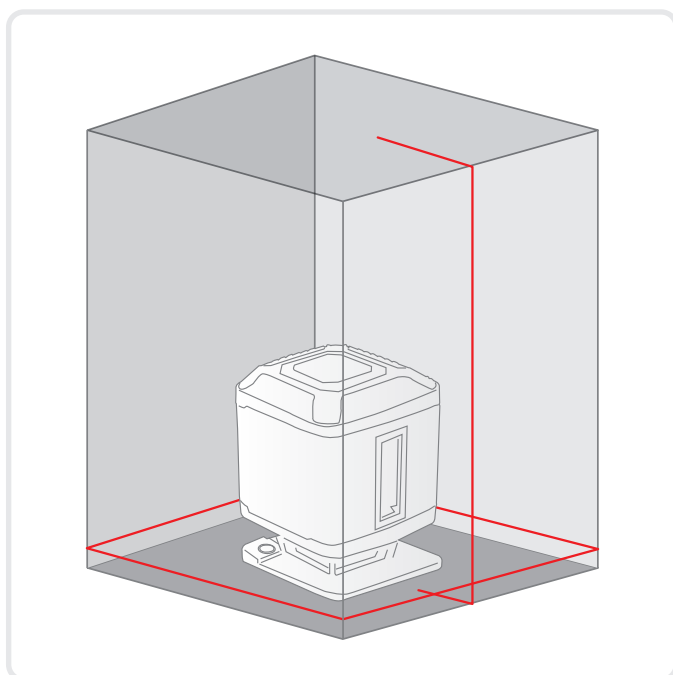
Rechargeable Li-ion batteries and charger/power supply 220 V



Code 61445
INCLUDED

TECHNICAL DATA

	61420 	61430 
Capacity (depending on ambient brightness)	20 m	30 m
Leveling accuracy	± 3 mm /10 m	± 3 mm /10 m
Self-leveling range	± 3°	± 3°
Signal out self-leveling	yes	yes
Laser type	638 nm <1mw	520 nm <1mw
Laser power	Class II	Class II
Batteries	3 x 1,5 V AA	3 x 1,5 V AA
Dimensions (mm)	70 x 70 x 90	70 x 70 x 90
Weight (without batteries)	0,22 Kg	0,22 Kg
Tripod thread	1/4"	1/4"



**BRAVO
LASER**
FLASH GREEN
360°

FLASH GREEN 360°

Code	Barcode	Quantity	Price
61435	8001066614356	1	€ -



- **Green laser level.** Projects: **a horizontal plane over 360° plus a vertical plane at 90°** to form 1 wall cross.
- Laser with adjustable intensity
- **Indoor/outdoor use** (with receiver not included Code 60749)
- Automatic flashing of the laser if the device is out of the self-leveling range
- Automatic locking system to avoid vibrations during transport
- Compact design, non-slip and shockproof rubber coating
- 1/4" connection for the tripod
- **Magnetic base and metal cap** for easy stacking
- **Ion-Li batteries rechargeable via USB cable supplied**



IN POUCH



INCLUDED



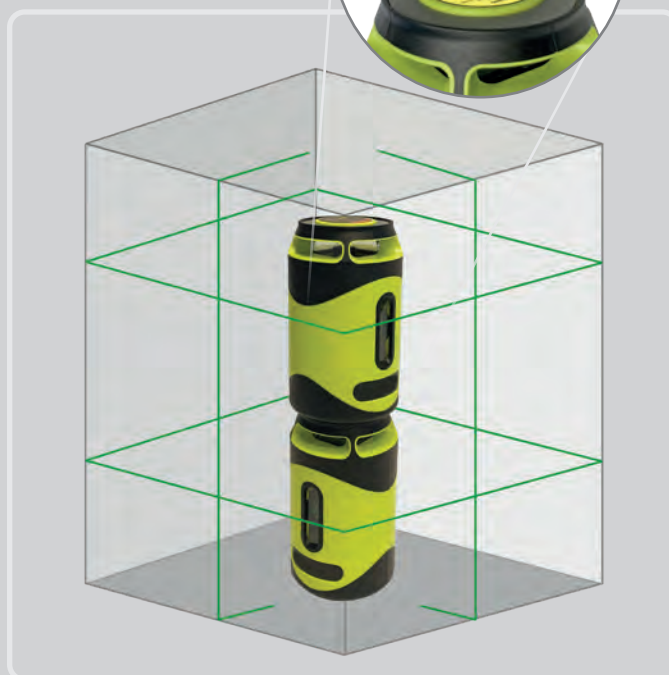
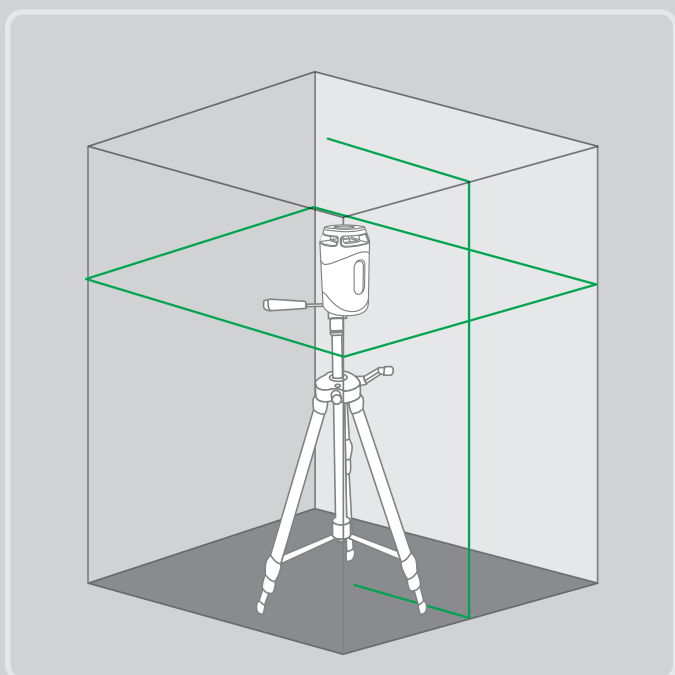
INCLUDED

TECHNICAL DATA

Capacity (depending on ambient brightness)	40 m
Capacity with receiver	60 m
Leveling accuracy	± 3 mm / 10 m
Self-leveling range	± 4°
Signal out self-leveling	yes
Laser type	505-550 nm < 1mw
Laser power	Class II
Batteries	2000 mAh li-ion
Dimensions (mm)	114 x 66 mm
Weight (without batteries)	0,275 Kg
Dust/Waterproofing	IP 54
Tripod thread	1/4"



STACKABLE



**BRAVO
LASER**
360°+1V
GREEN

**LASERBOX
H360 + 1V + 2D**

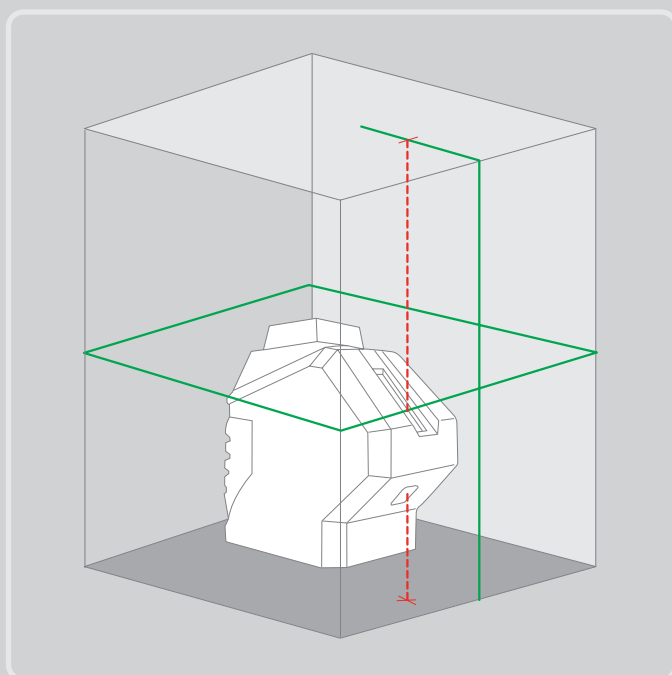
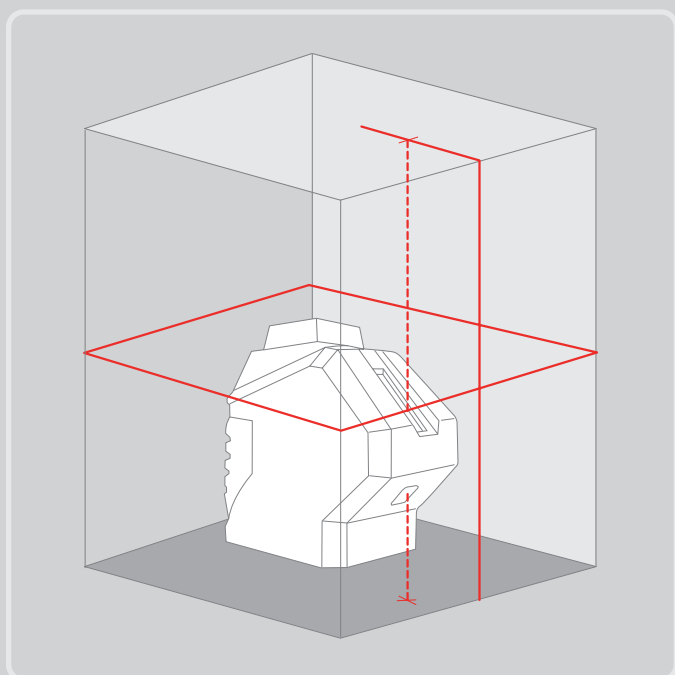
Code				€
61370		8001066613700	1	-
61375		8001066613755	1	-

- Laser level with red laser beams (Code **61370**) or green (Code **61375**). Projects: **one horizontal 360° and one vertical plane, forming 1 wall cross, and 2 dots** (bottom and top) for the plumb line
- Easy positioning at ceilings (<2 cm)
- Indoor and outdoor use (with receiver not included Code **60748** red/ Code **60749** green)
- Automatic laser flashing when the device is out of the self-leveling range
- Capacity to project lines, even in a fixed position and/or tilted
- Integrated locking system to prevent vibration during transport
- Compact, non-slip rubber bumper
- Supplied with magnetic holder for plasterboard in a hard case



TECHNICAL DATA

	61370	61375
Capacity (depending on ambient brightness)	15 ÷ 20 m	25 ÷ 30 m
Capacity with receiver	50 m	50 m
Leveling accuracy	± 2 mm / 10 m	± 2 mm / 10 m
Self-leveling range	± 4°	± 4°
Signal out self-leveling	yes	yes
Laser type	635/638/640 <1mw line/cone/point	515/640nm<1mw line/cone/point
Laser power	Class II	Class II
Batteries	4 x 1,5 V AA	4 x 1,5 V AA
Dimensions (mm)	120 x 120 x 80	120 x 120 x 80
Weight (without batteries)	0,4 Kg	0,4 Kg
Dust/Waterproofing	IP 54	IP 54
Tripod thread	1/4" - 5/8"	1/4" - 5/8"



**BRAVO
LASER**
360°+2V

GREEN

LASERBOX H360 + 2V + 1D

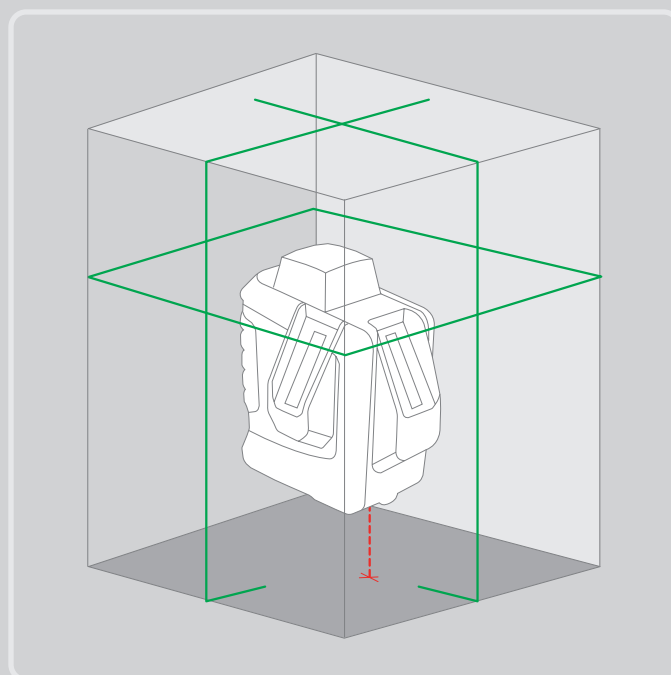
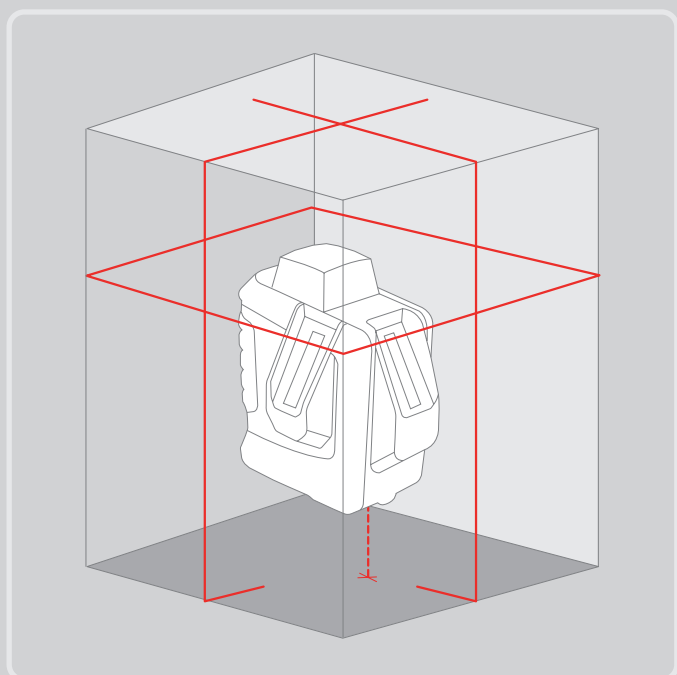
Code				€
60814BR		8001066608140	1	-
61380		8001066613809	1	-

- Laser level with red laser beams (Code **60814BR**) or green (Code **61380**). Projects: a **360° horizontal plane** and **two vertical planes at 90° to each other forming two wall crosses**
- Easy positioning at ceilings (<2 cm)
- Indoor and outdoor use (with receiver not included Code **60748** red/ Code **60749** green)
- Automatic laser flashing when the device is out of the self-leveling range
- Capacity to project lines, even in a fixed position and/or tilted
- Integrated locking system to prevent vibration during transport
- Compact, non-slip rubber bumper
- Supplied with magnetic holder for plasterboard in a hard case



TECHNICAL DATA

	60814BR	61380
Capacity (depending on ambient brightness)	15 ÷ 20 m	25 ÷ 30 m
Capacity with receiver	50 m	50 m
Leveling accuracy	± 2 mm / 10 m	± 2 mm / 10 m
Self-leveling range	± 3°	± 3°
Signal out self-leveling	yes	yes
Laser type	635/638/640 <1mw line/cone/point	515/640m<1mw line/cone/point
Laser power	Class II	Class II
Batteries	4 x 1,5 V AA	4 x 1,5 V AA
Dimensions (mm)	120 x 120 x 80	120 x 120 x 80
Weight (without batteries)	0,52 Kg	0,52 Kg
Dust/Waterproofing	IP 54	IP 54
Tripod thread	1/4"	1/4"



METRICA
3D
GREEN

SELF-LEVELING LASER
METRICA 3D
METRICA 3D GREEN

Code				€
61400M		8001066614004	1	-
61410M		8001066614103	1	-

- Red (Code **61400M**) or green (Code **61410M**) self-leveling laser. Projects 3 laser planes at 360°: a horizontal plane and two vertical planes at 90° to each other
- Plumb line always visible with 4 squares at the walls
- 2 crosses, one at the ceiling and on the ground external to the base of the structure
- **Optical glasses**
- **High visibility**
- Easy ceiling positioning (< 2 cm)
- Indoor and outdoor use (with receiver not included)
- Automatic laser flashing and audible warning if the device is outside the self-leveling range
- Integrated locking system to prevent vibration during transport, possibility of projecting laser also with a fixed inclined position
- Compact, non-slip rubber bumper
- **Li-ion rechargeable battery** plus a spare battery and external charger
- **Optional:** magnetic holder with adjustable opening clip for placement along a wall (Code **61340** and Code **61440**)



Code **61400M**



Code **61410M**



Code **61454**
IN CASE



Code **61453**
Code **60866**



Code **61452**
Code **60713**



Code **61450**



Code **61451**

TECHNICAL DATA

	61400M	61410M
Capacity (depending on ambient brightness)	30 m	30 m
Working range with receiver	50 m	50 m
Leveling accuracy	± 2 mm / 10 m	± 2 mm / 10 m
Self-leveling range	± 4°	± 4°
Signal out self-leveling	yes	yes
Laser type	638 nm <1mw	520 nm <1mw
Laser power	Class II	Class II
Rechargeable batteries	Li-ion 3.7V 3400 mAh	
Dimensions (mm)	140 x 160 x 85	140 x 160 x 85
Weight (without batteries)	0,65 Kg	0,65 Kg
Dust/Waterproofing	IP 54	IP 54
Tripod thread	1/4" - 5/8"	1/4" - 5/8"

OPTIONAL



OPTIONAL



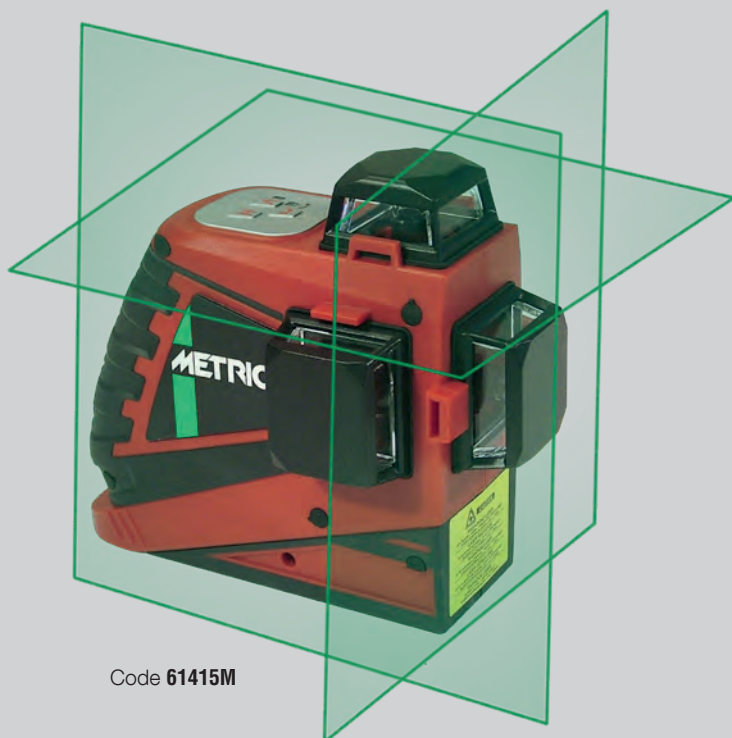
METRICA
3D
JUNIOR
GREEN

SELF-LEVELING LASER
METRICA 3D JUNIOR
METRICA 3D GREEN JUNIOR

Code				€
61405M		8001066614059	1	-
61415M		8001066614158	1	-



Code 61405M



Code 61415M

- Red (Code **61405M**) or green (Code **61415M**) self-leveling laser. **Projects 3 laser planes at 360°: a horizontal plane and two vertical planes at 90° to each other**
- Plumb line always visible with 4 squares at the walls
- 2 crosses, one at the ceiling and on the ground external to the base of the structure
- Easy ceiling positioning (< 2 cm)
- Indoor and outdoor use (with receiver not included)
- Automatic laser flashing and audible warning if the device is outside the self-leveling range
- Integrated locking system to prevent vibration during transport, possibility of projecting laser also with a fixed inclined position
- Compact, non-slip rubber bumper
- **Supplied with a Li-ion battery and spare battery and charger for external charging**
- **Optional:** sliding base with possibility of small movements in all directions for quick positioning (Code **61335**)
- **Optional:** magnetic holder with adjustable opening clip for placement along a wall (Code **61340** and Code **61440**)



Code **61454**
IN CASE



Code **61453**
Code **60866**



Code **61452**
Code **60713**



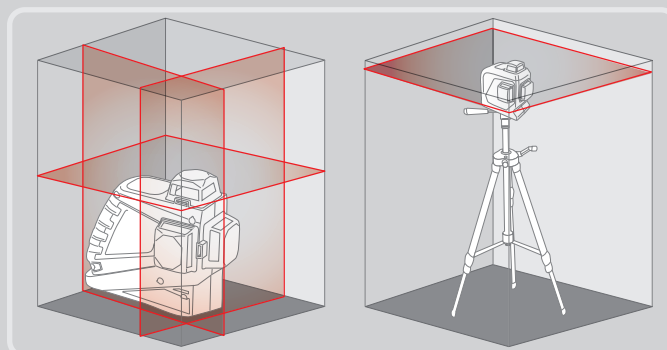
Code **61450**



Code **61451**

TECHNICAL DATA

	61405M	61415M
Capacity (depending on ambient brightness)	20 m	20 m
Working range with receiver	40 m	40 m
Leveling accuracy	± 2 mm / 10 m	± 2 mm / 10 m
Self-leveling range	± 4°	± 4°
Signal out self-leveling	yes	yes
Laser type	635 nm <1mw	515 nm <1mw
Laser power	Class II	Class II
Rechargeable batteries	Li-ion 7.4V 2600 mAh	
Dimensions (mm)	140 x 160 x 85	140 x 160 x 85
Weight (without batteries)	0,65 Kg	0,65 Kg
Dust/Waterproofing	IP 54	IP 54
Tripod thread	1/4" - 5/8"	1/4" - 5/8"



**BRAVO
LASER
XXL**

SELF-LEVELING LASER XXL

Code	Barcode	Quantity	€
60807	8001066608072	1	-



- Full 360° HORIZONTAL LINE (red laser)
- 4 crosses on the wall + 4 complete SQUARES
- Plumb on the floor
- Indoor and outdoor use (with receiver Code 60811 not included)
- Magnetic damping
- Automatic flashing if the instrument is tilted more than $\pm 2.5^\circ$
- Micrometric screw for small displacements
- Automatic locking system to avoid vibrations during carriage
- Rotating base
- Power supply for electrical current operation (220 V) or 4 batteries
- Control vial for positioning
- Rubber feet with adjustable height



IN CASE



INCLUDED



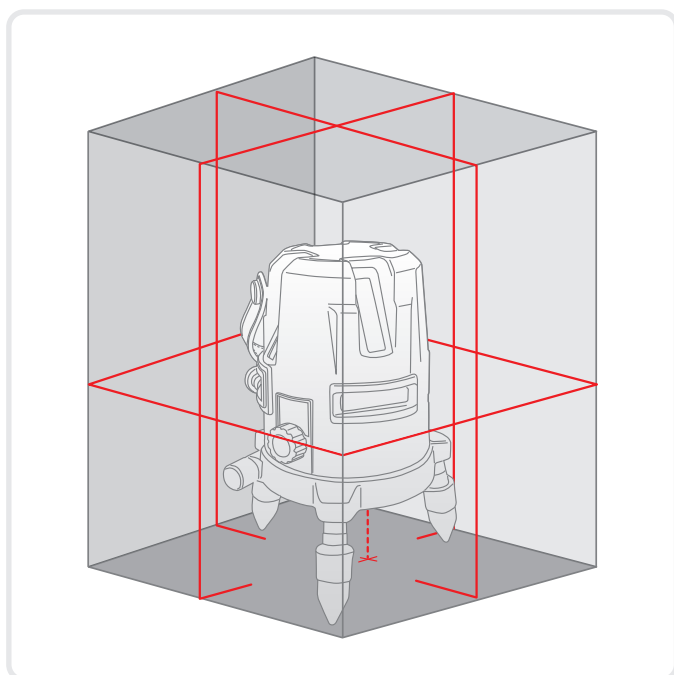
Code 60810
INCLUDED



220 V
Code 60817
INCLUDED



INCLUDED



TECHNICAL DATA

Capacity (depending on ambient brightness)	10 ÷ 15 m
Working range with receiver	50 m
Leveling accuracy	± 2 mm / 10 m
Self-leveling range	$\pm 2,5^\circ$
Damper	magnetic
Signal out self-leveling	yes
Laser type	635/650 nm
Laser power	Class II
Batteries	4 x 1,5 V AA or 220 V
Dimensions (mm)	180 x 120 x 120
Weight (without batteries)	1,7 Kg
Dust/Waterproofing	IP 54
Tripod thread	5/8"

**BRAVO
LASER**
ROTATIVO H

BRAVO LASER ROTATIVO H LT

Code	Barcode	Box	€
60719BM	8001066607198	1	-



- Self-levelling rotating laser: projects a rotating horizontal line (red)
- Automatic alignment system
- Rotation speed control: 4 speeds
- **SCANNER** function to achieve a more visible and shorter line with 4 lengths of your choice
- With receiver for outdoor applications
- **SLOPE function (manual tilt X, Y)**
- Step-by-step rotation function
- 220 V power supply or with rechargeable batteries
- External charger
- **TILT function:** the beam stops the rotation and flashes when the device is moved



IN CASE



Code 60867
INCLUDED



Code 60735
INCLUDED



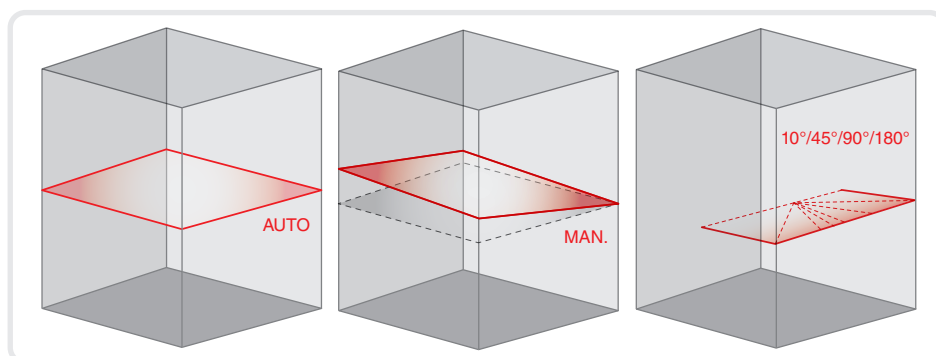
Code 60736
INCLUDED



220 V
INCLUDED

TECHNICAL DATA

Leveling accuracy	horizontal ± 3 mm / 30 m
Self-leveling range	$\pm 5^\circ$
Operating time	approx 8 hours
Damper	motorized
Working range	400 m \varnothing
Rotational values	0-60-120-300-600 rpm
Scanner Function	$0^\circ - 10^\circ - 45^\circ - 90^\circ - 180^\circ$
Signal out self-leveling	yes
Laser type	635 nm, 1 mW
Laser power	Class II
Rechargeable batteries (externally)	DC 4.8-6 V – 4 x 1,2 Ni-MH 2500 mAh
Dimensions (mm)	120 x 120 x 150
Weight (without batteries)	1,2 Kg
Operating temperature	- 10 $^\circ$ C / + 45 $^\circ$ C
Dust/Waterproofing	IP 54
Tripod thread	5/8"
Remote control range	approx 20 m
Remote control batteries	2 x 1,5 V DC
Receiver battery	9 V DC



**BRAVO
LASER
ROTATIVO H**

**BRAVO LASER
ROTATIVO H**

Code	Barcode	Quantity	€
60719	8001066607198	1	-



- Self-leveling rotary laser (red beam): projects a rotating horizontal line and 1 plumb point
- Automatic system of alignment
- Rotational speed adjustment: 4 speeds
- Receiver for outdoor use (Code **60724**)
- **TILT function**: the laser beam flashes and stops rotating in case of instrument is moved
- **SLOPE function (manual inclination X, Y) adjustable with remote control**
- Rechargeable batteries included

TECHNICAL DATA

Leveling accuracy	horizontal ± 3 mm / 30 m
Self-leveling range	$\pm 5^\circ$
Operating time	approx 20 hours
Damper	motorized
Working range	500 m \varnothing
Rotational values	0-60-120-300-600 rpm
Tilt function	yes
Signal out self-leveling	yes
Laser type	635 nm
Laser power	Class II
Rechargeable batteries	DC 4.8 - 6 V
Dimensions (mm)	190 x 145 x 166
Weight (without batteries)	2,0 Kg
Operating temperature	- 20 °C / + 50 °C
Dust/Waterproofing	IP 64
Tripod thread	5/8"
Remote control range	approx 20 m
Remote control batteries	2 x 1,5 V DC
Receiver battery	9 V DC



IN CASE



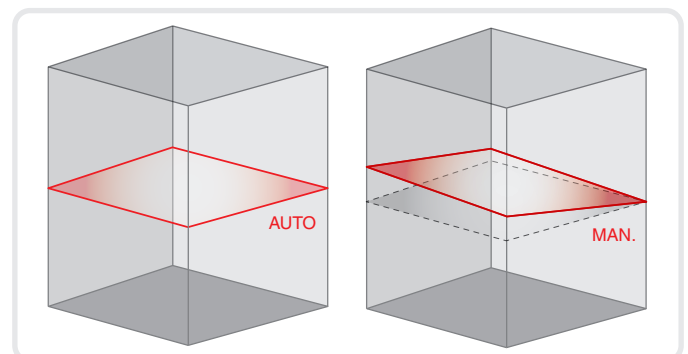
Code **60744**
INCLUDED



Code **60724**
INCLUDED



220 V
Code **60726**
INCLUDED



BRAVO LASER ROTATIVO HV

BRAVO LASER ROTATIVO HV

Code			€
61355	8001066613557	1	-



IN CASE



Code 60735
INCLUDED



Code 60736
INCLUDED

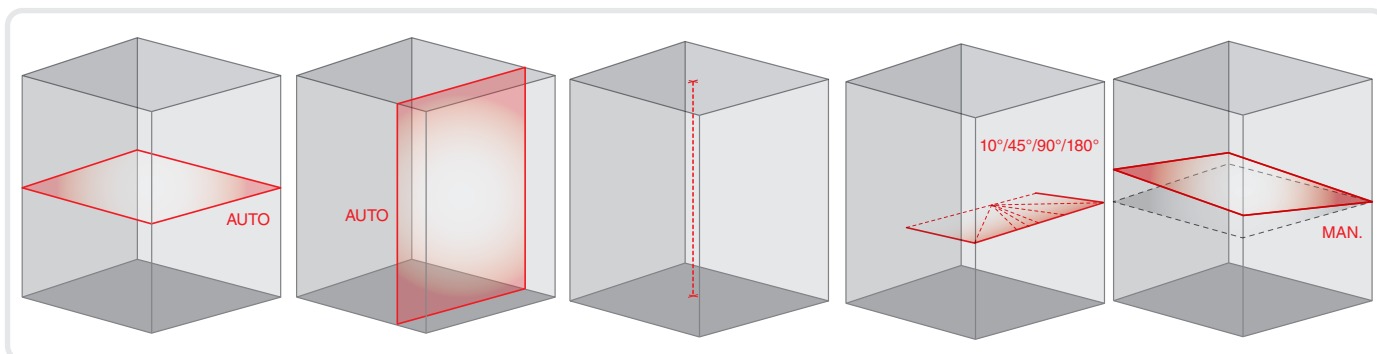


Code 60726
INCLUDED

- Non-slip rubber covering
- Cap with enlarged windows
- Automatic laser level with visible rotating red beam: generates a horizontal self-leveled plane and the plumb line
- IP 64 Dust/waterproofing: protected against the ingress of dust and splashes of water
- By rotating the device by 90°, it generates a vertical laser plane and a self-leveled horizontal beam
- SCANNER function to draw a more visible and shorter line with 4 different lengths
- Step-by-step rotation
- MANUAL function that excludes automatic leveling and allows to tilt the device for tracing inclined planes
- TILT function: in case of accidentally moving the unit, the beam stops and the instrument shuts-off after 10 s
- SLOPE function (manual tilting)
- Remote control signal received on 4 sides of the unit

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 3 mm / 30 m
Self-leveling range	± 5°	
Operating time	approx 20 hours	
Working range	400 m Ø (with receiver) depending on climatic conditions	
Rotational values	0 - 60 - 120 - 300 - 600 rpm	
Scanner Function	0° - 10° - 45° - 90° - 180°	
Tilt Function	yes	
Signal out self-leveling	yes	
Laser type	635 nm, 1 mW	
Laser power	Class II	
Rechargeable batteries with 220 V	4 x NiMH C4000mAh 1,2 V	
Dimensions (mm)	160 x 200 x 200 mm	
Weight (without batteries)	3 Kg	
Operating temperature	-10 °C / +50 °C	
Dust/Waterproofing	IP 64	
Tripod thread	5/8"	
Remote control range	approx 30 / 10 m (in/out)	
Angle of the remote control	0° - 90° - 180° - 270° (4 receivers on the device)	
Remote control batteries	2 x 1,5 V DC	
Receiver battery	9 V DC	



**BRAVO
LASER
ROTATIVO
SL-RED**

BRAVO LASER ROTATIVO SL-RED

Code			€
60821	8001066608218	1	-



- **Self-leveling red laser with visible rotating beam** that generates a self-leveled horizontal plane and a plumb line
- Rotating the unit by 90°, it generates a self-leveled vertical laser plane and a horizontal ray
- **TILT function:** in case of unintentional displacement the beam will stop and after 10 seconds the instrument will turn off
- Automatic and manual function
- **SCANNER** function: 10° - 30° - 60°
- Rotation step-by-step function
- **SLOPE function (manual tilting)**
- Indoor and outdoor use with the included receiver
- Ergonomic shape
- Special non-slip and shockproof rubber
- Support with three feet adjustable in height, for vertical use on walls and horizontal hold

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-leveling range	± 4°	
Operating time	approx 20 hours	
Damper	motorized	
Working range	400 m Ø	
Rotational values	0 - 300 - 600 rpm	
Scanner function	10° - 30° - 60°	
Tilt function	yes	
Signal out self-leveling	yes	
Laser type	635 nm	
Laser power	Class II	
Batteries	220 V - 50 Hz and/or NI-MH 4 x 1,2 V DC rechargeable	
Dimensions (mm)	180 x 122 x 225	
Weight (without batteries)	2,0 Kg	
Operating temperature	0 °C / +40 °C	
Dust/Waterproofing	IP 54	
Tripod thread	5/8"	
Remote control batteries	2 x 1,5 V AA	
Accuracy of measurement	high mode	± 1 mm
	low mode	± 2,5 mm
Reception laser indicator	LCD display / buzzer (sound)	
Receiver battery	9 V DC	



IN CASE



Code 60838
INCLUDED



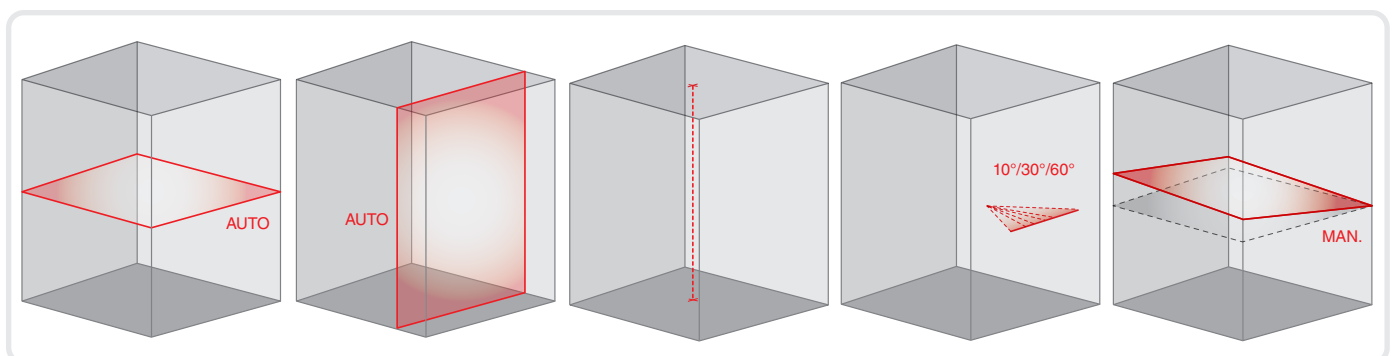
Code 60820
INCLUDED



Code 60831
INCLUDED



220 V
Code 60818
INCLUDED



BRAVO LASER
ROTATIVO
SL-GREEN

BRAVO LASER ROTATIVO SL-GREEN

Code			€
60822	8001066608225	1	-



- **Self-leveling green laser with visible rotating beam** generates a self-leveled horizontal plane and a plumb line
- Rotating the unit by 90°, it generates a self-leveled vertical laser plane and a horizontal ray
- **TILT function:** in case of unintentional displacement the beam will stop and after 10 seconds the instrument will turn off
- Automatic and manual function
- **SCANNER** function: 10° - 30° - 60°
- Rotation step-by-step function
- **SLOPE function (manual tilting)**
- Indoor and outdoor use with the included receiver
- Ergonomic shape
- Special non-slip and shockproof rubber
- Support with three feet adjustable in height, for vertical use on walls and horizontal hold

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-leveling range	± 4°	
Operating time	approx 20 hours	
Damper	motorized	
Working range	400 m Ø	
Rotational values	0 - 300 - 600 rpm	
Scanner Function	10° - 30° - 60°	
Tilt function	yes	
Signal out self-leveling	yes	
Laser type	532 / 650 nm	
Laser power	3R	
Batteries	220 V - 50 Hz and/or NI-MH 4 x 1,2 V DC rechargeable	
Dimensions (mm)	180 x 122 x 225	
Weight (without batteries)	2,0 Kg	
Operating temperature	0 °C / +40 °C	
Dust/Waterproofing	IP 54	
Tripod thread	5/8"	
Remote control batteries	2 x 1,5 V AA	
Accuracy of measurement	high mode ± 1 mm low mode ± 2,5 mm	
Reception laser indicator	LCD display / buzzer (sound)	
Receiver battery	9 V DC	



IN CASE



Code 60838
INCLUDED



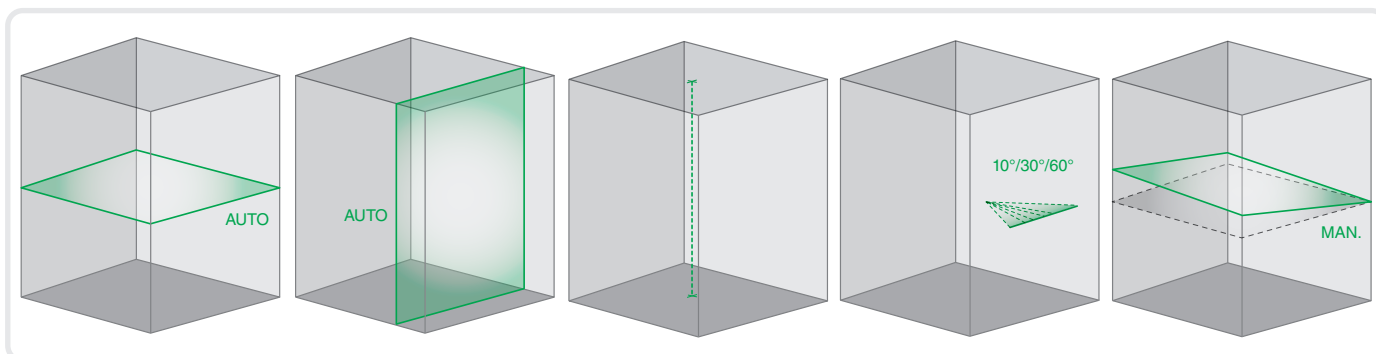
Code 60820
INCLUDED



Code 60832
INCLUDED



220 V
Code 60818
INCLUDED



**BRAVO
LASER**
ROTATIVO HV4

**BRAVO LASER
ROTATIVO HV4**

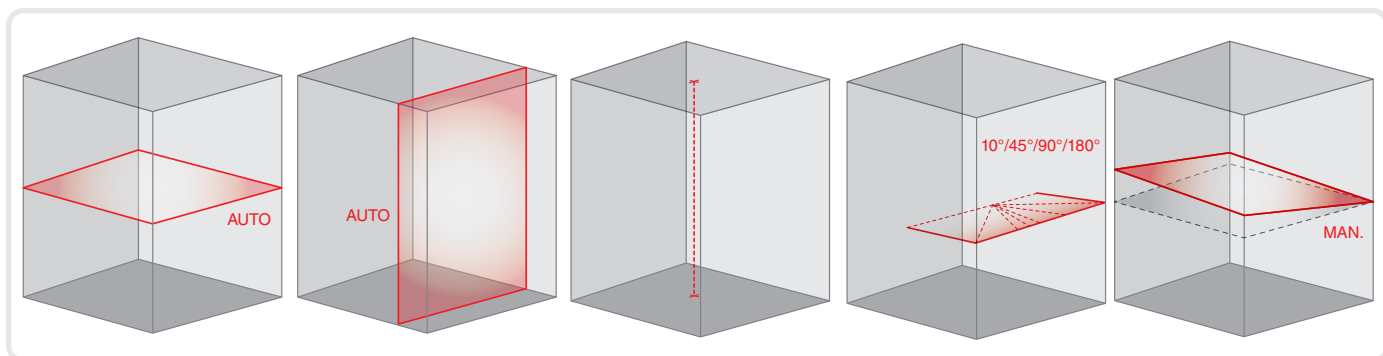
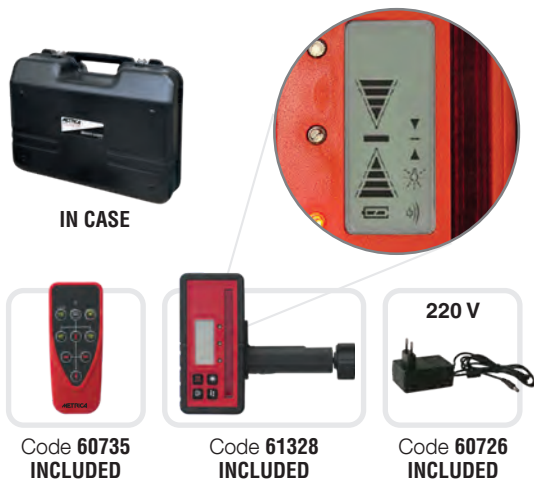
Code			€
61350	8001066613502	1	-



- **High-sensitivity 4-line receiver**
- **Metal cover**
- Self-levelling laser with visible rotating beam (red): creates a horizontal plane, self-levelling, and 2 plumb lines
- **IP 66 dust/waterproofing:** protected against ingress of dust and water
- By rotating the unit 90°, the unit generates a vertical self-levelling laser plane and two horizontal beams.
- **SCANNER** function to project a more visible and shorter line (adjustable to 4 lengths)
- **SLOPE function (manual inclinations X, Y)**
- **MANUAL** function, which excludes automatic levelling and allows the unit to be tilted at will
- **TILT** function: In case of unintentional movement the device switches off the laser beam.
- Laser with 4 rubberized handles for easier grip and increased protection
- **Receiving the remote control on the 4 sides of the unit**
- Rechargeable batteries and charger included or alternatively 4 alkaline batteries 1.5 V LR14

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-levelling range	± 5°	
Operating time	approx 30 hours	
Working range	500 m Ø (with receiver) depending on climatic conditions	
Rotational values	0 - 60 - 120 - 300 - 600 rpm	
Scanner Function	10° - 45° - 90° - 180°	
Tilt Function	yes	
Signal out self-levelling	yes	
Laser type	635 nm	
Laser power	Class II	
Rechargeable batteries	4 x C4000 mAh 1,2 V NI-MH	
Dimensions (mm)	220 x 220 x 210 mm	
Weight (without batteries)	3,5 Kg	
Operating temperature	-10 °C / +50 °C	
Dust/Waterproofing	IP 66	
Tripod thread	5/8"	
Remote control range	approx 30 / 10 m (in/out)	
Remote control batteries	2 x 1,5 V DC	
Receiver battery	9 V DC	



BRAVO LASER
ROTATIVO HV4

BRAVO LASER ROTATIVO HV4 GREEN

Code			€
61352	8001066613526	1	-



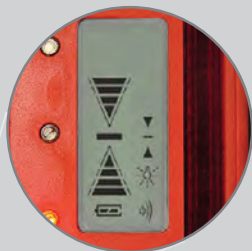
- Self-leveling laser with visible **green** rotating beam: generates a self-leveling horizontal plane and plumb line
- High-sensitivity 4-line receiver**
- Metal cover**
- IP 66 waterproofing:** protected against dust and water penetration
- Rotating the unit by 90° generates a vertical, self-levelling laser plane and a horizontal beam
- SCANNER** function to mark a more visible and shorter line on 4 lengths of your choice
- SLOPE function (manual X, Y tilt)**
- MANUAL** function that excludes automatic levelling and allows the device to be tilted at will for marking tilted planes
- TILT** function: in case of unintentional movement, the beam stops.
- Laser with 4 rubberized handles for easy grip and better protection
- Remote control reception on all 4 sides of the device**
- Rechargeable batteries and charger included or alternatively 4 x 1.5 V LR14 alkaline batteries

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-leveling range	± 5°	
Operating time	approx 30 hours	
Working range	500 m Ø (with receiver) depending on climatic conditions	
Rotational values	0 - 60 - 120 - 300 - 600 rpm	
Scanner Function	10° - 45° - 90° - 180°	
Tilt Function	yes	
Signal out self-leveling	yes	
Laser type	515 nm, <1 mW - 638nm, <1 mW	
Laser power	Class II	
Rechargeable batteries	4 x C4000 mAh 1,2 V NI-MH	
Dimensions (mm)	220 x 220 x 210 mm	
Weight (without batteries)	3,5 Kg	
Temperatura di esercizio	-10 °C / +50 °C	
Dust/Waterproofing	IP 66	
Tripod thread	5/8"	
Remote control range	circa 30 / 10 m (in/out)	
Remote control batteries	2 x 1,5 V DC	
Receiver battery	9 V DC	



IN CASE



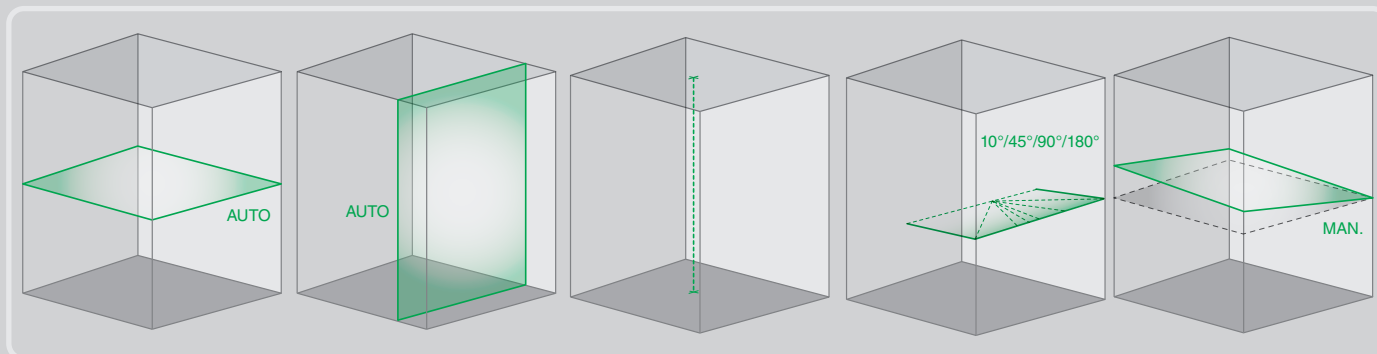
Code 60735 INCLUDED



Code 61329 INCLUDED



Code 60726 INCLUDED



BRAVO LASER ROTATIVO HV4 WITHOUT RECEIVER

Code			€
61349	8001066613496	1	-

Code **61349**



- Self-levelling laser with visible rotating beam (red): creates a horizontal plane, self-leveled, and 2 plumb lines
- **Metal cover**
- **IP 66 dust/waterproofing:** protected against ingress of dust and water
- By rotating the unit 90°, the unit generates a vertical self-leveled laser plane and two horizontal beams.
- **SCANNER** function to project a more visible and shorter line (adjustable to 4 lengths)
- **SLOPE function (manual inclinations X, Y)**
- **MANUAL** function, which excludes automatic levelling and allows the unit to be tilted at will
- **TILT** function: In case of unintentional movement the device switches off the laser beam.
- Laser with 4 rubberized handles for easier grip and increased protection
- **Receiving the remote control on the 4 sides of the unit**
- Rechargeable batteries and charger included or alternatively 4 alkaline batteries 1.5 V LR14

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-leveling range	± 5°	
Operating time	approx 30 hours	
Working range	500 m Ø (with receiver) depending on climatic conditions	
Rotational values	0 - 60 - 120 - 300 - 600 rpm	
Scanner Function	10° - 45° - 90° - 180°	
Tilt Function	yes	
Signal out self-leveling	yes	
Laser type	635 nm	
Laser power	Class II	
Rechargeable batteries	4 x C4000 mAh 1,2 V NI-MH	
Dimensions	220 x 220 x 210 mm	
Weight (without batteries)	3,5 Kg	
Operating temperature	-10 °C / +50 °C	
Dust/Waterproofing	IP 66	
Tripod thread	5/8"	
Remote control range	approx 30 / 10 m (in/out)	
Remote control batteries	2 x 1,5 V DC	



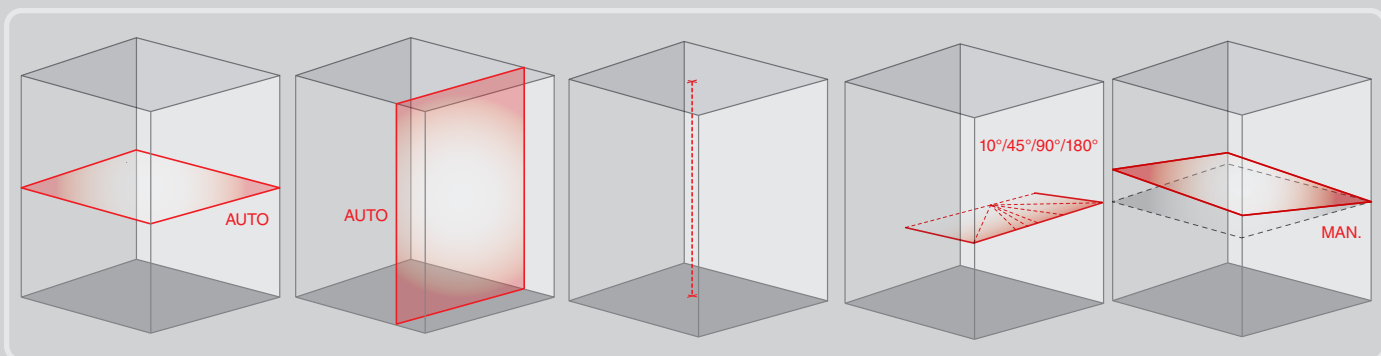
IN CASE



Code **60735**
INCLUDED



220 V
Code **60726**
INCLUDED



KIT WITH RECEIVER

Code			€
61354	8001066613540	1	-



Code 61349



Code 60735 INCLUDED



Code 60726 INCLUDED



IN CASE

61354 KIT



Code 61326

- Sensitivity 4 lines + **index reading mm/inch**
- Accuracy $\pm 1 \text{ mm} / \pm 2,5 \text{ mm} / \pm 5 \text{ mm}$

Code			€
61353	8001066613533	1	-



Code 61349



Code 60735 INCLUDED



Code 60726 INCLUDED



IN CASE

61353 KIT



Code 61328

- Sensitivity 4 lines
- Accuracy $\pm 1 \text{ mm} / \pm 2,5 \text{ mm} / \pm 5 \text{ mm}$

Code			€
61351	8001066613519	1	-



Code 61349



Code 60735 INCLUDED



Code 60726 INCLUDED



IN CASE

61351 KIT



Code 60736

- Accuracy $\pm 1 \text{ mm} / \pm 5 \text{ mm}$

BRAVO LASER
ROTATIVO
INCLIGRAD 2

BRAVO LASER ROTATIVO INCLIGRAD 2

Code			€
61345	8001066613458	1	-



- High-sensitivity receiver with deviation indication in mm
- Metal cover
- Creates a horizontal, vertical or **inclined plane that can be adjusted by ± 10%** in X and Y direction and two plumb lines
- Adjustment of the inclined plane shown on the display
- By rotating the unit 90°, the unit generates a vertical self-leveled laser plane and two horizontal beams
- **SCANNER function** to project a more visible and shorter line (adjustable to 4 lengths: 10° - 45° - 90° - 90° - 180°)
- **TILT function**: In case of unintentional movement the device switches off the laser beam.
- **Step-by-step rotation function**
- **MANUAL** function which excludes automatic levelling
- Laser with 4 rubberized handles for easier grip and increased protection
- **Remote control reception on the 4 sides of the unit for adjusting the X and Y axis inclinations**
- Rechargeable batteries and charger included or alternatively 4 alkaline batteries 1.5 V LR14

TECHNICAL DATA

Leveling accuracy	horizontal	± 3 mm / 30 m
	vertical	± 5 mm / 30 m
Self-leveling range	± 5°	
Slopes of setting range	± 10%	
Leveling system	Fast electronic sensor	
Operating time	approx 30 hours	
Working range	500 m Ø (with receiver) depending on climatic conditions	
Rotational values	0 - 60 - 120 - 300 - 600 rpm	
Scanner Function	10° - 45° - 90° - 180°	
Tilt function	yes	
Signal out self-leveling	yes	
Laser type	635 nm	
Laser power	Class II	
Rechargeable batteries	4 x C4000 mAh 1,2 V NI-MH	
Dimensions (mm)	220 x 220 x 210 mm	
Weight (without batteries)	3,5 Kg	
Operating temperature	-10 °C / +50 °C	
Dust/Waterproofing	IP 54	
Tripod thread	5/8"	
Remote control range	approx 30 / 10 m (in/out)	
Remote control batteries	2 x 1,5 V DC	
Receiver battery	9 V DC	



IN CASE



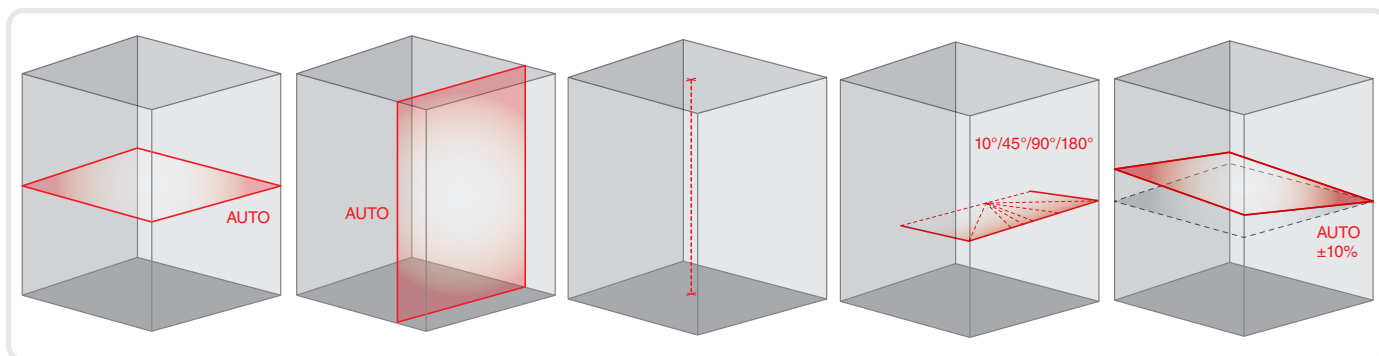
Code 61324
INCLUDED




Code 61326
INCLUDED



220 V
Code 60726
INCLUDED



DISPLAY FOR BRAVOLASER













Code	L x H x P		€
EXPO AUTOL	45 x 200 x 30 cm	1	-

■ Free configuration



	 = SERIAL	 = OPTIONAL										
			Code 60804 page 9	Code 60805 page 10	Code 61360 page 11	Code 61365 page 11	Code 61435 page 13	Code 61370 page 14	Code 61375 page 14	Code 60814BR page 15	Code 61380 page 15	Code 61400M page 16
	Code 61331 page 34		 30 m	 30 m	 30 m							 30 m
	Code 61332 page 34					 30 m						
	Code 60811 page 34		 45 m	 45 m								
	Code 60748 page 34		 45 m	 45 m	 50 m		 50 m		 50 m			 50 m
	Code 60749 page 34					 50 m	 60 m		 50 m		 50 m	
	Code 60726 page 34											
	Code 61328 page 35											
	Code 61326 page 35											
	Code 61329 page 35											
	Code 60736 page 35											
	Code 61326 page 35											
	Code 61328 page 35											

The range of the receiver may vary depending on environmental conditions (light, humidity, wind, etc.).

 Code 61410M page 16	 Code 61405M page 17	 Code 61415M page 17	 Code 60807 page 18	 Code 60719BM page 19	 Code 60719 page 20	 Code 61355 page 21	 Code 60821 page 22	 Code 60822 page 23	 Code 61350 page 24	 Code 61352 page 25	 Code 61345 page 28
	● 20 m										
● 30 m		● 20 m									
			● 50 m								
	● 40 m										
● 50 m		● 40 m		●		●			●		●
						●			●		●
						●			●		●
									●		●
					●						
							●				
								●			

The range of the receiver may vary depending on environmental conditions (light, humidity, wind, etc.).

EARTHMOVING CONTROL-RECEIVER

Code			€
60833	8001066608331	1	—
60873	8001066608737	1	—
60871	8001066608713	1	—
60872	8001066608720	1	—



Code **60833**

- Ref. **60833** with clamp lock
- Ref. **60873** with magnet lock
- It allows the control of the leveling of the ground on earthmoving machines
- Intercepts the signal from any rotary laser
- Length of the receiving bar 25 cm on a 360° arc
- Luminescent diodes intercept the laser line
- Equipped with screwed brackets to fasten the device on earthmoving machines
- Double choice of accuracy
- **IP 66** dustproof and waterproof protection
- Remote control device in the cabin
- Supplied with 220 V battery charger, 12 V cable to the vehicle battery, connecting cable between the receiver and remote receiver
- Battery duration 40 hours
- Ref. **60871** 2 clamp locks (spare)
- Ref. **60872** 2 magnet locks (spare)



REMOTE RECEIVER

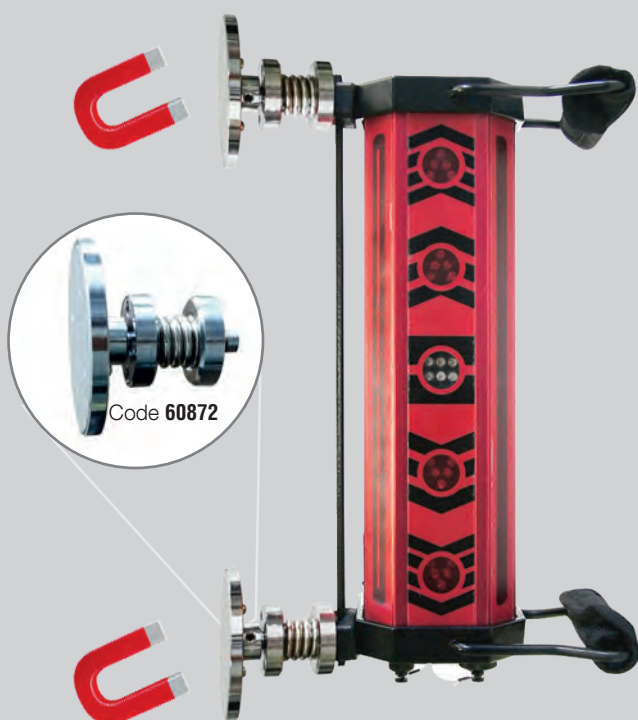


IN CASE



220 V

INCLUDED



Code **60873**

TECHNICAL DATA

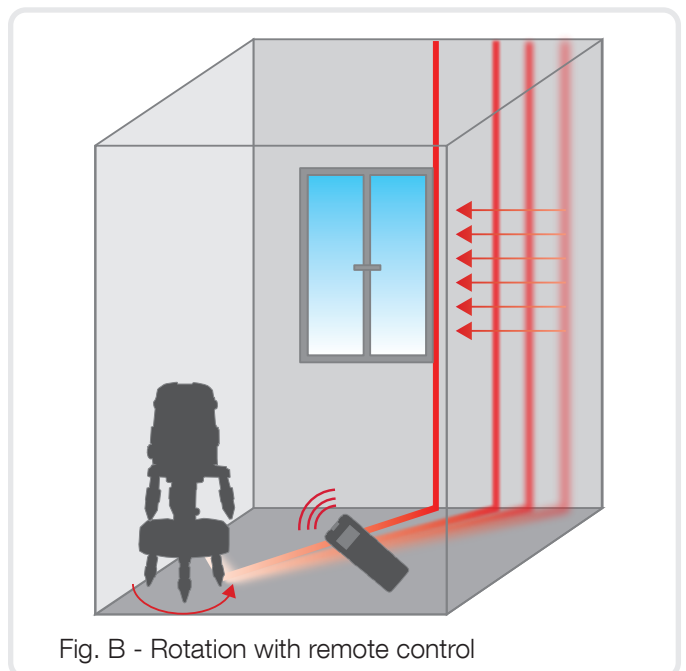
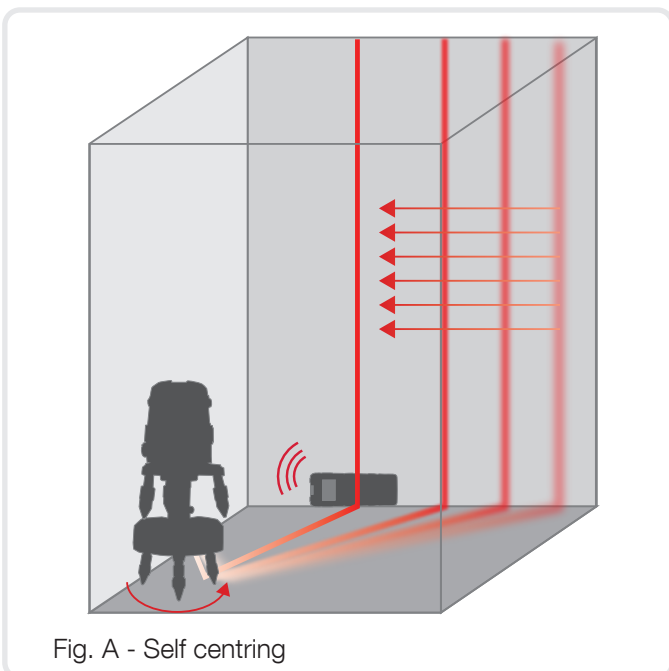
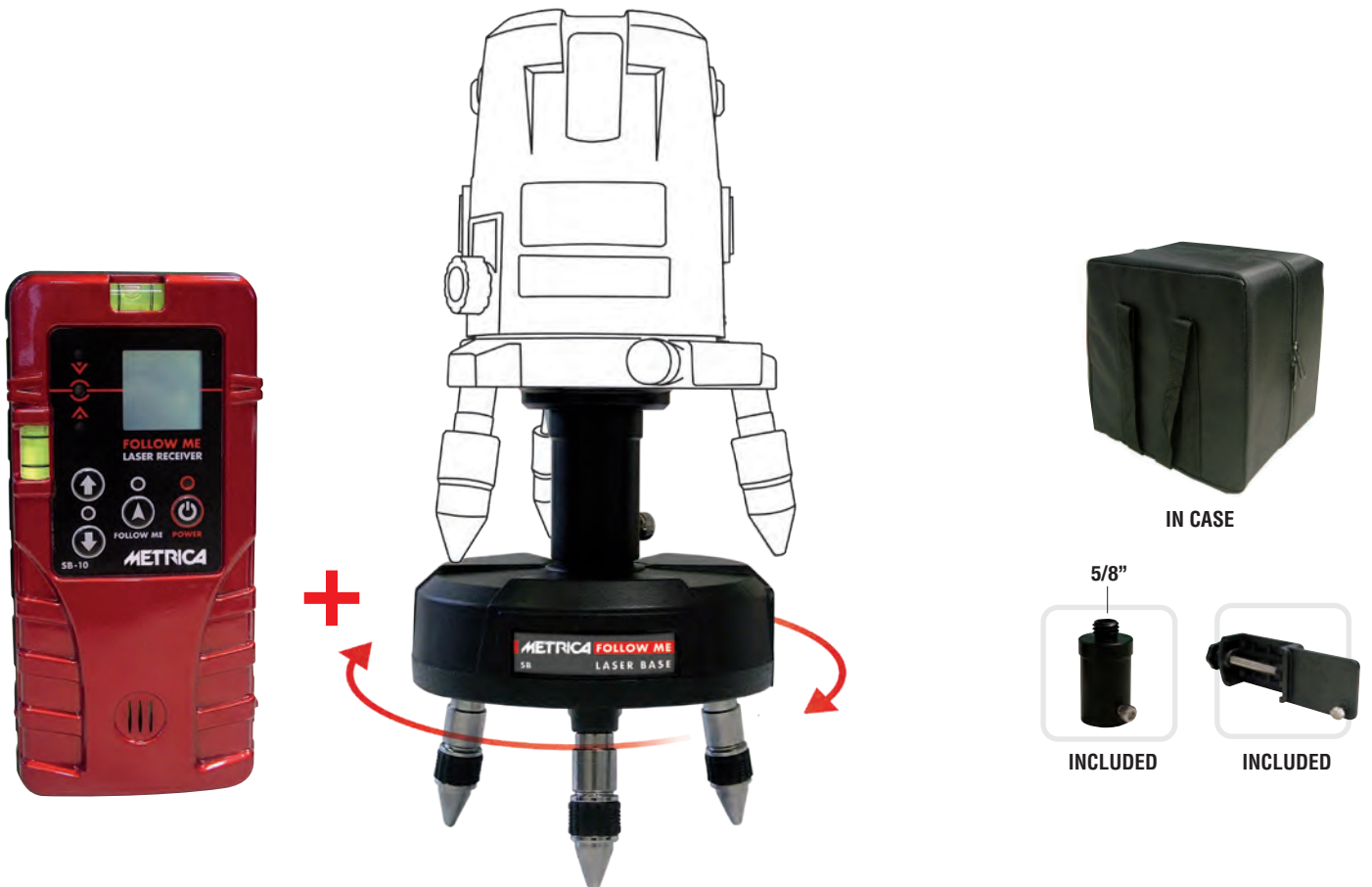
Fine accuracy	± 2 mm / ± 10 mm
Rough accuracy	± 5 mm / ± 23 mm
Power Supply	7,2 V NiMh/2500 mAh
Recharge time	approx 10 hours
Dimensions (mm)	376 x 180 x 60
Weight (without batteries)	3,0 Kg
Operating temperature	- 20 °C / + 50 °C
Dust/Waterproofing	IP 66



RECEIVER FOLLOW ME + ROTATING BASE

Code			€
60611	8001066606115	1	-

- **Follow Me** function: **automatic centring of the vertical beam on the receiver where you want** (fig. A)
- **Function remote radio control**: command/control the **rotation of the rotating base** (allows you to work without help - fig. B)
- **Scanner** function: detects the laser beams as a normal receiver





RECEIVER FOR OUTDOOR USE FOR PENDULUM-TYPE LASER LEVELS

Code				€
61331	●	8001066613311	1	–
61332	●	8001066613328	1	–
60727		8001066607273	1	–

- Receiver for pendulum-type self-leveling (**Red** and/or **Green**)
- Signal: Led and acoustic beep
- Supplied with fixing bracket
- Working range 30 m depending on laser type
- Accuracy $\pm 1,5$ mm / $\pm 2,5$ mm



RECEIVER FOR OUTDOOR USE FOR PENDULUM-TYPE LASER LEVELS

Code				€
60811	●	8001066608119	1	–
60386		8001066603862	1	–

- Signal: bright LED and acoustic beep
- Supplied with fixing bracket
- Code **60811** works with Code **60804**, **60805**, **60807**
- Working range 30/50 m depending on laser type
- Accuracy ± 1 mm



RECEIVER FOR OUTDOOR USE FOR PENDULUM-TYPE LASER LEVELS

Code				€
60748	●	8001066607488	1	–
60749	●	8001066607495	1	–
60741		8001066607419	1	–

- Code **60748** works with Code **61400M**, **61405M**, **61360**, **61370**, **60814BR**, **60805**
- Code **60749** works with Code **61410M**, **61415M**, **61380**, **61375** and **61365**
- Working range 30 m depending on laser type
- Accuracy $\pm 1,5$ mm / $\pm 2,5$ mm



RECEIVER FOR OUTDOOR USE FOR SELF LEVELING LASER

Code				€
60736	●	8001066607365	1	–
60727		8001066607273	1	–

- Signal: bright LED and acoustic beep
- Supplied with fixing bracket
- Works with Code **61355**, **60719BM**, **61345**, **61350**, **60719**
- Working range 400 m \varnothing
- Accuracy ± 1 mm / ± 5 mm



PROFESSIONAL RECEIVER FOR ROTATIVE LASERS

Code				€
61328		8001066613281	1	–
61329		8001066613298	1	–
61319		8001066613199	1	–

- Signal: Led and acoustic beep
- Supplied with fixing bracket
- Code **61328** works with Code **61345, 61350, 61355, 60719**
- Code **61329** works with Code **61352**
- 4 lines indication
- Working range 700 m Ø
- Accuracy ± 1 mm / ± 2,5 mm / ± 5 mm



PROFESSIONAL RECEIVER WITH MM-READING

Code				€
61326		8001066613267	1	–
61319		8001066613199	1	–

- Signal: Led and acoustic beep
- Supplied with fixing bracket
- Works with Code **61345, 61350, 61355, 60719**
- 4 lines indication sensitivity with mm/inches - indication
- Working range 700 m Ø
- Accuracy ± 1 mm / ± 2,5 mm / ± 5 mm



RECEIVER FOR OUTDOOR USE FOR SELF LEVELING LASER

Code				€
60724		8001066607242	1	–
60727		8001066607273	1	–

- Signal: Led and acoustic beep
- Supplied with fixing bracket
- Works with Cod **60719**
- Working range 400 m Ø
- Accuracy ± 1 mm / ± 2,5 mm



RECEIVER FOR OUTDOOR USE FOR SELF LEVELING LASER

Code				€
60831		8001066608317	1	–
60832		8001066608324	1	–
60385		8001066608355	1	–

- Signal: Led and acoustic beep
- Supplied with fixing bracket
- Code **60831** works with Code **60821**
- Code **60832** works with Code **60822**
- Working range 400 m Ø
- Accuracy ± 1 mm / ± 2,5 mm



**REMOTE CONTROL
FOR LASER LEVELS**

Code			€
60744	8001066607440	1	-

- Range 20 m
- Works with Code **60719**



**REMOTE CONTROL
FOR LASER LEVELS**

Code			€
60735	8001066607358	1	-

- Range 20 m
- Works with Code **61355, 61350, 60719BM, 61352, 61349**



**REMOTE CONTROL
FOR LASER LEVELS**

Code			€
60820	8001066608201	1	-

- Range 20 m
- Works with Code **60821, 60822**



**RADIO REMOTE CONTROL
FOR LASER LEVELS**

Code			€
61324	8001066613243	1	-

- Range 50 m
- Works with Code **61345**



MAGNETIC SUPPORT FOR WALLS AND PLASTERING

Code	Barcode	Box Icon	€
61340	8001066613403	1	-

- Magnetic holder
- Possible to use: profiles max 5 mm, ferrous metal walls with dowels/nails
- Works with Code **61400M**, **61405M**, **61410M**, **61415M**



MAGNETIC SUPPORT FOR WALLS AND PLASTERING

Code	Barcode	Box Icon	€
61440	8001066614400	1	-

- Magnetic holder
- Possible to use: profiles max 10 mm, ferrous metal walls with dowels/nails
- Works with Code **61400M**, **61405M**, **61410M**, **61415M**



MAGNETIC SUPPORT FOR WALLS AND PLASTERING

Code	Barcode	Box Icon	€
61342	8001066613427	1	-

- Magnetic holder
- Possible to use: profiles max 10 mm, ferrous metal walls with dowels/nails
- Works with Code **61400M**, **61405M**, **61410M**, **61415M**

MAGNETIC WALL MOUNT

Code	Barcode	Box	€
60837	8001066608379	1	-

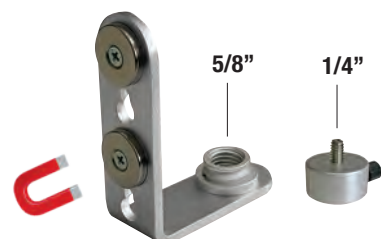
■ Works with Code **60805, 60814**



MAGNETIC WALL MOUNT

Code	Barcode	Box	€
60714 M	8001066607143	1	-

■ Works with Code **61300, 60804, 60805**



SLIDING BASE

Code	Barcode	Box	€
61335	8001066613359	1	-

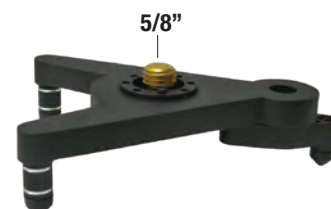
- Swivel base for lasers
- Allows the rotation and translation of the laser projections for easy tracing and control in any position
- Can be mounted on a tripod with 5/8" screw
- Adjustable feet
- 5/8"-thread for laser levels
- Rapid movement and/or fine adjustment
- Works with Code **61400M, 61405M, 61410M, 61415M**



LASER SUPPORT

Code	Barcode	Box	€
60838	8001066608386	1	-

■ Works with Code **60821, 60822**



SUPPORT FOR SLOPE 0-90°

Code	Barcode	Box	€
60830	8001066608300	1	-

■ Base for the inclination of rotative lasers



SUPPORT FOR TELESCOPIC ROD

Code	Barcode	Box	€
60562	8001066605620	1	-

- Support for rod Code **60559** / Code **60560**
- 5/8" thread
- Quick lock system



EXTENSION 5/8"

Code	Barcode	Box	€
60810	8001066608102	1	—

- Metal extension with male/female thread
- Works with Code **60807**



ADAPTER 1/4" - 5/8"

Code	Barcode	Box	€
60815	8001066608157	1	—
60738	8001066607389	1	—

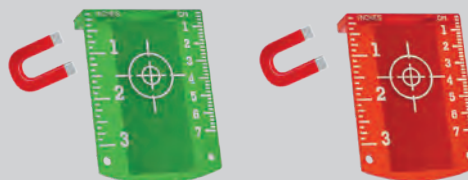
- Works with Code **61300, 60804, 60805, 60370, 61375, 60814BR, 61380, 61360, 61365**
- Rotary joint: 360° 1/4"/5/8" (Code **60815**)
- Fixed joint (Code **60738**)



TARGET

Code	Color	Barcode	Box	€
60713	Red	8001066607136	1	—
60866	Green	8001066608669	1	—

- Magnetic



Code **60866**

Code **60713**

LASER GLASSES

Code	Color	Barcode	Box	€
61452	Red	8001066614523	1	—
61453	Green	8001066614530	1	—

- Increases the visibility of the laser dot or line in bright environments



Code **61453**

Code **61452**

UNIVERSAL CLAMP

Code	Barcode	Box	€
60816	8001066608164	1	—

- Works with Code **61300, 60804, 60805**



LASER CARRYING CASE

Code	Barcode	Box	€
61454	8001066614547	1	—

- For laser protection and transport Code **61400M, 61405M, 61410M, 61415M**



3D LASER BATTERY REPLACEMENT

Code			€
61450	8001066614509	1	-

■ Suitable for Code **61400M**, **61405M**, **61410M**, **61415M**



REPLACEMENT BATTERIES FOR ROTARY

Code			€
60746	8001066607464	1	-

■ Suitable for Code **60719**, **60719BR**
■ 1 set of 4 pieces



3D LASER CHARGER

Code			€
61451	8001066614516	1	-

■ Suitable for Code **61450**



CHARGER

Code			€
60867	8001066608676	1	-

■ Suitable for Code **60746**



BATTERY REPLACEMENT FOR LASER BRAVO BOX 3

Code			€
61445	8001066614455	1	-

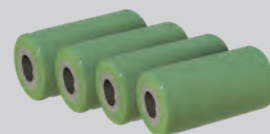
■ Suitable for laser Code **61420**, **61430**



REPLACEMENT BATTERIES

Code			€
60728	8001066607280	1	-

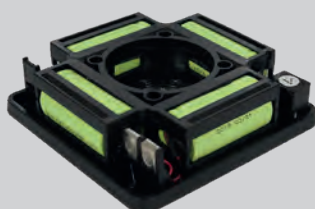
■ Suitable for laser Code **60722** (discontinued) and Code **60723** (discontinued) lasers
■ 1 set of 4 pieces



REPLACEMENT BATTERIES FOR ROTARY

Code			€
60747	8001066607471	1	-

■ Suitable for Code **61349**, **61350**, **61352**, **61345**, **61355**



REPLACEMENT BATTERIES

Code			€
60819	8001066608195	1	-

■ Suitable for Code **60821**, **60822**





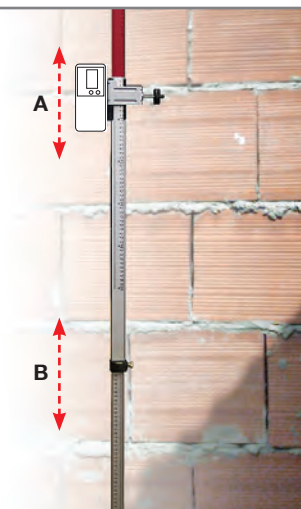
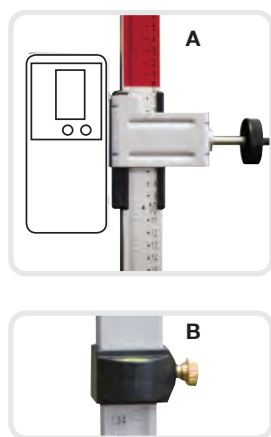
TELESCOPIC ROD WITH BRACKET

Code	L	Barcode	Box	€
60559	3,6 m	8001066605590	1	-

- Composed of 4 screwable pieces (max 3.60 m)
- Sliding supporting plane
- Two plates for fitting to floor and ceiling
- Height adjustment thanks to a telescopic rod with locking ring
- Supporting plane sliding along the vertical, with quick locking lever, with screw 5/8"
- Supplied with 5/8" extension (Code **60810**)

Code	L	Barcode	Box	€
60560	3,6 m	8001066605606	1	-

- Composed of 4 screwable pieces (max 3.60 m)
- Sliding supporting plane
- **With tripod support**
- Height adjustment thanks to a telescopic rod with locking ring
- Supporting plane sliding along the vertical, with quick locking lever, with screw 5/8"
- Supplied with 5/8" extension (Code **60810**)



TELESCOPIC ROD FOR LASER RECEIVERS

Code	L	Barcode	Box	€
60621	2,4 m	8001066606214	1	-

- Anodized aluminum, 2.4 m height
- Scratchproof graduation
- Fitted to support fixing bracket for laser receiver (Fig. A)
- Quick lock (Fig. B)
- Working stroke by gradients ± 50 cm



WALL BRACKET FOR BRAVO LASER

Code	Barcode	Box	€
60712	8001066607129	1	-

- Professional wall bracket
- Aluminum
- Adjustable height
- 2 holes for direct fixing to the wall
- Well adaptable to a profile by means of double locking device

MOTORIZED TRIPOD

Code	L			€
60565	85 - 220 cm	8001066605651	1	-

- **Motorized elevation rack**
- 3 robust aluminium tubular extensible legs
- Screwable plastic feet for indoor and pointed feet for outdoor use
- Opening radially with 3 holding beams
- Leg lock lever
- Vial for centering
- Screw 5/8", plate Ø 50 mm
- **Remote control with 3 functions: continuous, step-by-step, end limit**
- **Range of remote control: 50 m**
- **Weight: 2 Kg**
- **Dust/Waterproofing: IP 56**
- Rechargeable batteries: Li-ion
- Charger



MOTORIZED TRIPOD, ROBUST

Code	L			€
60566	98 - 200 cm	8001066605668	1	-

- **Motorized elevation rack**
- 3 robust aluminum tubular extensible legs
- Leg lock lever
- Vial for centering
- Screw 5/8", plate Ø 110 mm
- **Remote control with 3 functions: continuous, step-by-step, end limit**
- **Range of remote control: 50 m**
- **Weight: 5 Kg**
- **Closed height: 98 cm**
- **Dust/Waterproofing: IP 56**
- Rechargeable batteries: Li-ion
- Charger



FLAT BASE ALUMINUM TRIPOD

Code	L			€
60495	104 ÷ 174 cm	8001066604951	1	-

- 3 aluminum tubular **robust extensible legs**
- Locking screw
- Screw 5/8"
- Shoulder belt
- **Weight: 3.7 Kg**



FLAT BASE TRIPOD

Code	L			€
60498	97 ÷ 159 cm	8001066604982	1	-
60498D	97 ÷ 159 cm	8001066604982	1	-

- 3 aluminum tubular extensible legs
- **Quick lock lever**
- Screw 5/8"
- Shoulder belt
- **Weight: 3.2 Kg**



ALUMINUM TRIPOD

Code	L			€
60585	63 ÷ 182 cm	8001066605859	1	–
60587	90 ÷ 200 cm	8001066605873	1	–
60588	90 - 290 cm	8001066605880	1	–

- Elevation rack
- Locking lever
- Screw 5/8", plate Ø 50 mm
- Rubber feet
- Vial for centering
- Opening radially with 3 safety rays
- Carrying bag
- **Weight: 1,3 Kg** (Code **60585**)
- **Weight: 2,1 Kg** (Code **69587**)
- **Weight: 3 Kg** (Code **60588**)



ALUMINUM TRIPOD RUBBER GRIP

Code	L			€
60586	90 ÷ 290 cm	8001066605866	1	–

- Elevation rack
- Handle with rear locking lever and frontal security system spring
- Telescopic rod
- Opening radially with 3 holding beams
- Rubber grip
- Vial for centering
- Screwable plastic feet for indoor and pointed feet for outdoor use
- Leg lock lever
- Screw 5/8", plate Ø 50 mm
- Carrying bag
- **Weight: 4.8 Kg**



TRIPOD WITH ELEVATION

Code	L			€
60581	95 ÷ 195 cm	8001066605811	1	–
60582	112 ÷ 335 cm	8001066605828	1	–

- **Professional robust model**
- Graduated elevation rack
- Locking lever, safety chain
- Vial for centering
- Screw 5/8", plate Ø 110 mm
- Carrying strap
- Plastic feet for indoor and pointed feet for outdoor
- Code **60582**: with telescopic rod 84 cm height
- **Weight: 5.4 Kg** (Code **60581**)
- **Weight: 6 Kg** (Code **60582**)



ALUMINUM TRIPOD

Code	L			€
60574	55 ÷ 150 cm	8001066605743	1	–

- Elevation rack with handle and locking screw
- 3 robust aluminum tubular extensible legs
- Quick lock lever
- Opening radially, 3-beam safety
- Screw 5/8", plate Ø 50 mm
- Carrying bag
- **Weight: 1.3 Kg**



STURDY ALUMINIUM TRIPOD WITH HANDLE/HOLDER

Code	L			€
60596	52 ÷ 138 cm	8001066605965	1	-

- Elevation rack, stroke 28 cm
- Radial opening, 3 safety beams
- Centering vial
- Rubber feet
- With removable button holder for DISTO, METRICA FLASH rangefinder and METRICA Bravolaser
- Adjustable and tiltable in all directions
- Screw 1/4"
- In carrying bag with shoulder strap
- **Weight: 1,3 Kg**



LIGHT TRIPOD WITH REMOVABLE SUPPORT AND KNOB

Code	L			€
60590	55 ÷ 150 cm	8001066605903	1	-

- Graduated elevation rack stroke 28 cm
- Opening radially, 3 safety beams
- Vial for centering
- Rubber feet
- Provided with removable support and knob for DISTO, laser distance meters METRICA FLASH and laser METRICA Bravolaser
- Steerable and tiltable in all directions
- Screw 1/4" (Fig. A)
- Screw 5/8" if handle is removed (Fig. B)
- In shoulder bag
- **Weight: 1.2 Kg**



WOODEN TRIPOD

Code	L			€
60584	110 ÷ 175 cm	8001066605842	1	-

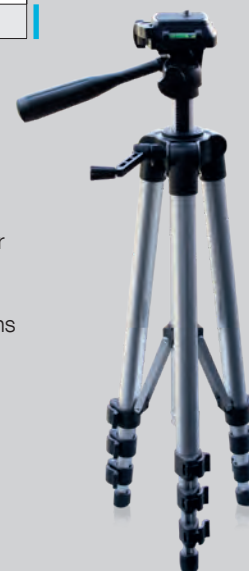
- Wooden legs and aluminum die-cast parts
- Locking nut screw
- Legs with hole for hand carry
- Closed length: 110 cm
- Open length: 175 cm
- **Weight: 7.5 Kg**



TRIPOD

Code	L			€
60598	40 ÷ 120 cm	8001066605989	1	-

- Graduated elevation rack with a 20 cm stroke
- Radial opening, 3 safety spokes
- Centring vial
- Rubberised feet
- Supplied with removable handgrip holder for DISTO, METRICA FLASH distance meter and METRICA Bravolaser laser
- Can be swivelled and tilted in all directions
- 1/4" thread
- In shoulder bag
- **Weight: 0.9 kg**





IN CASE

OPTICAL LEVEL

Code	Zoom			€
60480	20 X	8001066604807	1	–
60467	24 X	8001066604678	1	–
60466	32 X	8001066604661	1	–

- Automatic level 20x, 24x, 32x
- Standard deviation ± 2.5 mm to 1 km
- Graduated base: 360°
- Additive constant: 0
- Accuracy: $\pm 0.5''$
- Supplied in case

KIT COMPOSED OF:

- Automatic level 20x, 24x, 32x
- 5 m telescopic gauge composed by 5 rods.
Graduation: mm in front, Geodetic on the back
- Aluminum tripod with flat base
- Supplied with a plumb line



Plumb line

Code 60480 / Code 60467 / Code 60466



Code 60498



Code 49205

OPTICAL LEVEL KIT 20X - 24X - 32X

Code	Zoom			€
89267	20 X	8001066892679	1	–
89266	24 X	8001066892662	1	–
89268	32 X	8001066892686	1	–



DIGITAL ELECTRONIC THEODOLITE DT2

Code	Barcode	Quantity	€
60840	8001066608409	1	-

- Digital Theodolite
- Incremental angles measuring
- 2 Liquid Crystal Displays
- Absolute encoder system
- Rechargeable batteries or 4 x 1,5 V AA
- Laser plummet

FRONT

BACK



IN CASE



INCLUDED



INCLUDED








INCLUDED



TECHNICAL DATA

Minimum reading	1"/5"
Accuracy	2"
Telescope length	156 mm
Objective lens aperture	45 mm
Magnification	30 x
Field of view	1° 30'
Minimum focus length	1.3 m
Tilt Sensor	yes
Plate level	30" / 2 mm
Circular level	8' / 2 mm
Laser plummet	yes
Power supply	rechargeable batteries and/or 4 x 1,5 V AA
Operating temperature	-20 °C / +50 °C
Weight	5,7 Kg



ALUMINIUM TELESCOPIC GAUGE 4 - 5 m

Code						€
49204	4 m	120 cm	mm	8001066492046	1	-
49205	5 m	125 cm	mm	8001066492053	1	-

- Scale on each rod:
 - front: mm
 - back: geodetic
- Very strong hexagonal section
- Made by 4/5 telescopic rods
- Movable circle vial for right vertical positioning
- In soft case




FOLDING STAFF - 6 RODS 300 cm

Code	L	N			€
60090	300 cm	6	8001066600908	1	-

- Wooden folding staff
- Total length 3 m
- Graduation:
 - front: mm
 - back: geodetic



SURVEY NAILS

Code	L	Ø			€
00250	55 mm	9 mm	800166002504	1	-

- Nail of treated steel
- Pack of 100 pcs in plastic jar
- Weight of each nail: 30 gr





METRICA FLASH

METRICA FLASH



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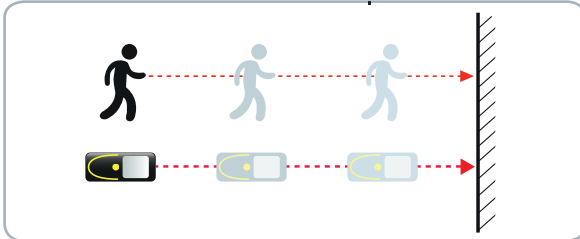
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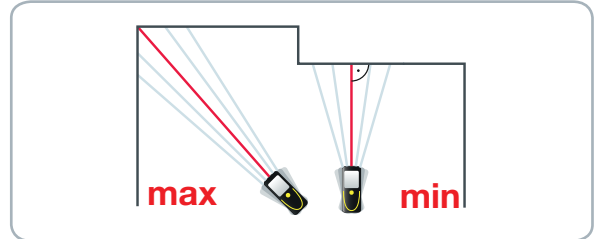
FUNCTION

Distance measurement	15 m	30 m	30 m + 20 m	30 m	30 m 60 m	100 m	120 m	40 m 60 m	60 m 100 m
Continuous measurement		●	●	●	●	●	●	●	●
Min/max measurements		●	●		●	●	●	●	●
Area measurements		●	●	●	●	●	●	●	●
Volume measurements		●	●	●	●	●	●	●	●
Triangle area						●	●	●	
Painters function					●	●	●	●	●
Trapezium function							●	●	
Pythagoras functions		●	●		●	●	●	●	●
Sloped object measurement			± 90°			± 90°	± 90°	± 90°	± 90°
Height profile measurements					●	●	●	●	●
Stake-out function					●	●	●		
Guided stake-out function					a/b	a/b	a/b		
Subtraction/addition		●	●		●	●	●	●	●
Target Camera							●		
Pointfinder with 4x zoom							●		
Camera function							●		
Timer					●	●	●		●
Digital vial						●	●	●	
Double Laser			●						
Screen rotation			●					●	
P2P								●	
Linear measuring wheel								●	



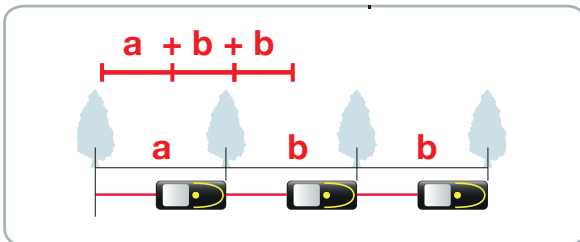
Mod. 61120, 61130, 61155, 61186, 61190, 61110, 61114, 61240, 61260, 61060, 61100

CONTINUOUS MEASUREMENT
The display can simultaneously display the instantaneous measurement with maximum and minimum values always displayed



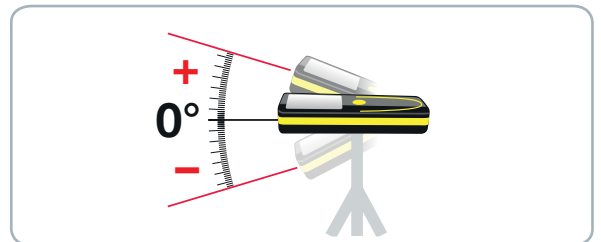
Mod. 61130, 61155, 61186, 61190, 61110, 61114, 61240, 61260, 61060, 61100

MAXIMUM AND MINIMUM
The display can show the measurement results of minimum and maximum during the continuous measurement.



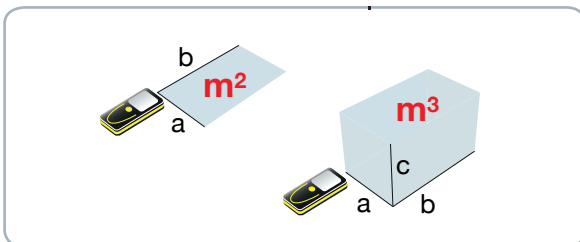
Mod. 61130, 61155, 61186, 61190

TRACKING FUNCTION
The user can use the tracking function to find positions at preset distances (a and b may be different).



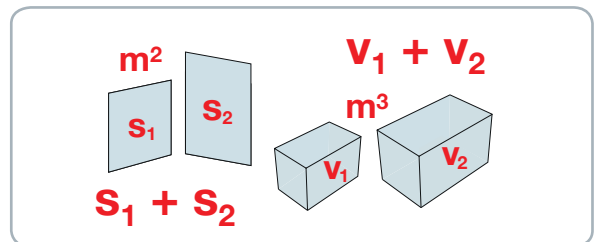
Mod. 61186, 61190, 61114, 61240, 61260, 61060, 61100

DIGITAL INCLINOMETER
The display can show the tilt of the instrument on the x axis and on the y axis.



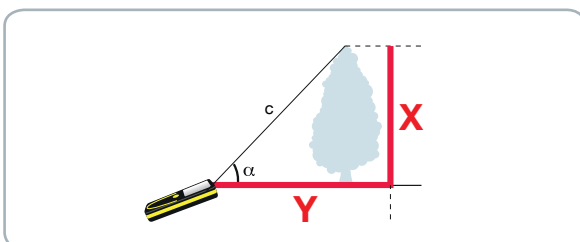
Mod. 61130, 61155, 61186, 61190, 61110, 61114, 61120, 61240, 61260, 61060, 61100

MEASUREMENT OF THE AREA AND VOLUME
The instrument can automatically calculate the area or volume by measuring the sides, the result appears on the display.



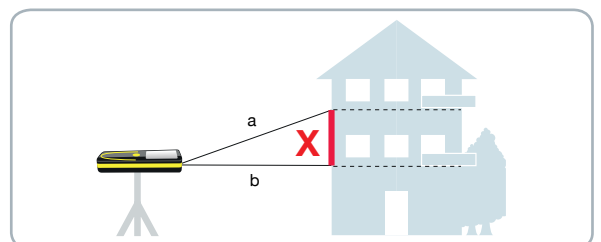
Mod. 61130, 61155, 61186, 61190, 61240, 61260, 61060, 61100

ADDITION AND SUBTRACTION
The instrument can make sums and subtractions of two or more distances, areas, and volumes measured consecutively.



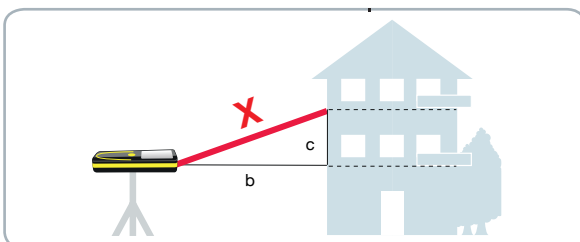
Mod. 61186, 61190, 61114, 61240, 61260, 61060, 61100

PYTHAGORAS FUNCTION - 1st mode
The instrument can calculate the length of two catheters by measuring the hypotenuse and the angle.



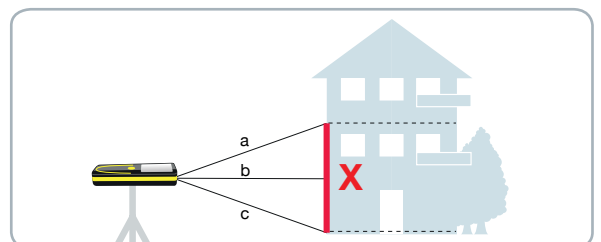
Mod. 61130, 61155, 61186, 61190, 61240, 61260

PYTHAGORAS FUNCTION - 2nd mode
The instrument can calculate a catheter by measuring the hypotenuse and the base of the triangle rectangle.



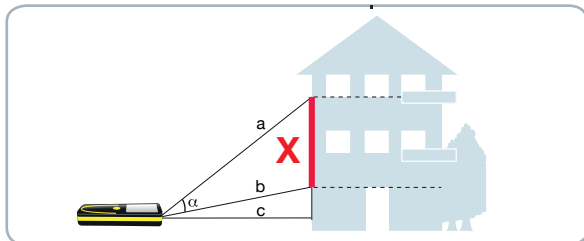
Mod. 61130, 61155, 61186, 61190, 61110, 61114, 61060, 61100

PYTHAGORAS FUNCTION - 3rd mode
The instrument can calculate the hypotenuse by measuring the two rectangular triangles.



Mod. 61130, 61155, 61186, 61190, 61240, 61260, 61060, 61100

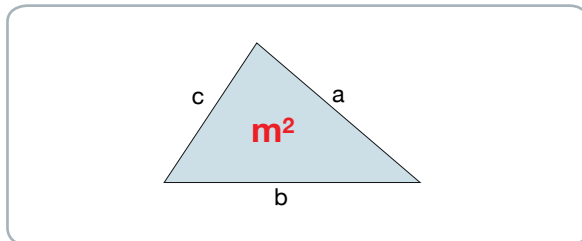
PYTHAGORAS FUNCTION - 4th mode
Double PYTHAGORAS. The instrument can calculate the third side of the triangle by measuring the two hypotenuse and the height of the two triangles



Mod. 61130, 61155, 61186, 61190, 61110, 61114, 61240, 61260, 61060, 61100

PYTHAGORAS FUNCTION - 5th mode

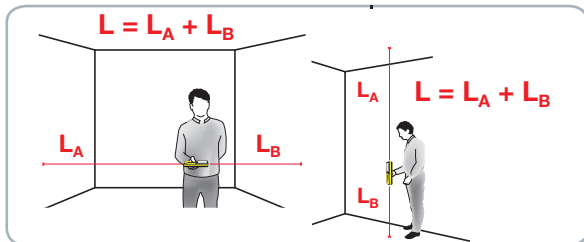
The instrument can calculate the unattainable height by measuring the 2 hypotenuse and the catheter of a rectangular triangle compound.



Mod. 61186, 61190, 61240, 61260

PYTHAGORAS FUNCTION - 6th mode

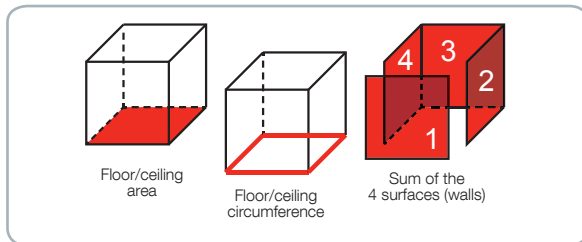
The instrument can calculate irregular triangle area by measuring the length of its three sides.



Mod. 61114

DOUBLE LASER FUNCTION

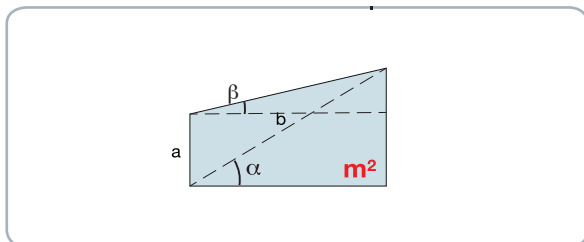
The device can calculate the height and width of a room without positioning itself at the end / floor.



Mod. 61190

ROOM FUNCTION

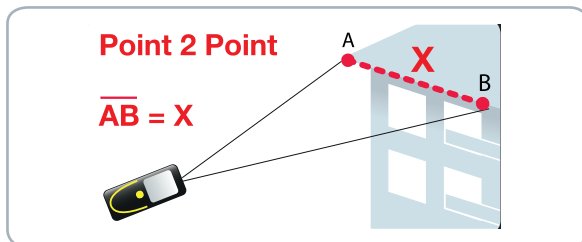
The device can calculate the floor surface, the skirting board circumference, the area of the 4 side walls and volume by measuring the base, height and width of the room.



Mod. 61190, 61240, 61260

TRAPEZE FUNCTION

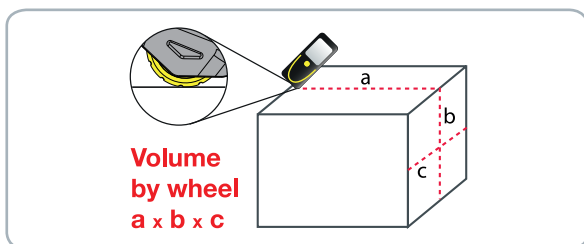
The device can calculate the trapezoidal surface of the angle α and b by measuring the secondary base and the diagonal.



Mod. 61240, 61260

POINT 2 POINT FUNCTION

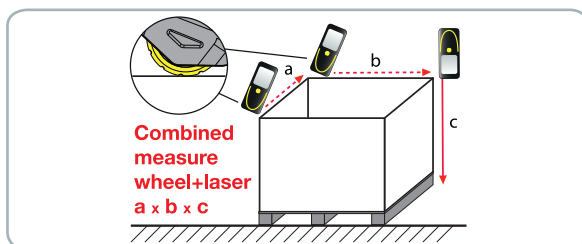
The device can calculate the distance between two points on a plane (use of a tripod is recommended).



Mod. 61240, 61260

MEASURING FUNCTION WITH CONTACT WHEEL

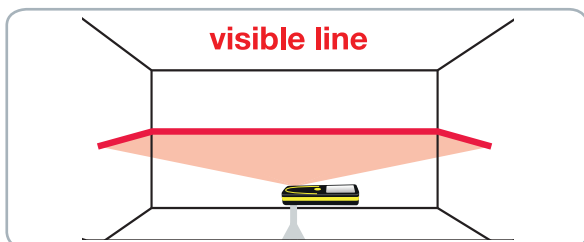
The instrument can calculate the volume of a parallelepiped using the contact measuring wheel.



Mod. 61240, 61260

MEASURING FUNCTION WITH CONTACT WHEEL AND LASER

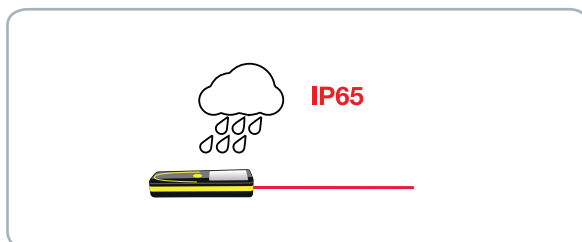
The instrument can calculate the volume of a parallelepiped using a combined laser and measuring wheel.



Mod. 61240, 61260

VISIBLE LINE FUNCTION

The instrument projects a fixed line for object alignment.

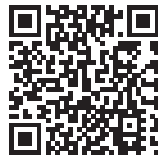


Mod. 61240, 61260

IP65 PROTECTION

METRICA FLASH MINI 30

Code	L			€
61110	0,05 ÷ 30 m	8001066611102	1	-



Code 89295: 1 pcs - EXPO MINI
6 pcs - Code 61110



CHARGING
CABLE
INCLUDED

- Backlit display on 4 lines
- High visibility screen
- Continuous measurement function with MAX and MIN
- Distances, surfaces, volumes
- 2 Pythagoras functions
- Sum, subtraction
- 10 memories
- Auto Off
- With strap
- **Rechargeable Li-ion battery**
- In pouch

TECHNICAL DATA

Range*	30 m (internal)
Accuracy	± 3 mm
Laser type	620-690 nm <1mW
Laser power	Class II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	LI-ION
Dimensions (cm)	7,5 x 1,5 x 3,4
Weight (without batteries)	36 g
Charging cable	yes

* according to ambient brightness

METRICA FLASH GO 15

Code	L			€
61109	0,05 ÷ 15 m	8001066611096	1	-



CHARGING
CABLE
INCLUDED

- Immediate measurement
- Display on 1 line
- 3 units mm/inch/ft
- Automatic switch-off
- With hand strap
- Rechargeable LI-ION battery with enclosed cable

TECHNICAL DATA

Range*	15 m (internal)
Accuracy	± 3 mm
Laser type	620-690 nm <1mW
Laser power	Class II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	LI-ION
Dimensions (cm)	7,5 x 1,5 x 3,4
Weight (without batteries)	36 g
Charging cable	yes

* according to ambient brightness

METRICA FLASH DOUBLE LASER 50 INCLIGRAD

Code	L			€
61114	0,05 ÷ 50 m	8001066611140	1	-



- Direct display of measurement from ceiling to floor
- 2 lasers: one on the front side + one on the back side
- Immediate measurement of the sum of the 2 lasers
- Possibility of measurement with only one laser (front or rear)
- Backlit display on 4 lines
- High-resolution screen
- Continuous measuring function with MAX and MIN
- Distances, surfaces, volumes
- 2 Pythagoras functions (indirect measurements)
- Sum, subtraction
- 50 memories
- Automatic switch-off
- With hand strap
- Rechargeable LI-ION battery
- In case

10

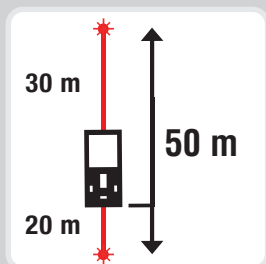
TECHNICAL DATA

Range *	50 m (internal)
Front laser range *	30 m
Back laser range *	20 m
Accuracy (each laser)	± 3 mm
Laser type	620-690 nm <1mW
Laser power	Class II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	LI-ION
Dimensions (cm)	8,5 x 3,8 x 1,9
Weight (without batteries)	50 g
Charging cable	yes



* according to ambient brightness



Code 89296: 1 pcs - EXPO DOUBLE - 6 pcs - Code 61112



METRICA ONE

Code	L			€
61120	0,15 ÷ 30 m	8001066611201	1	-

- Backlit 1-line display
- High visibility screen
- Continuous measurement function
- Distances, surfaces, volumes
- 1 vial
- Auto-Off
- Sound function
- With strap
- With pouch



TECHNICAL DATA

Range *	30 m
Accuracy	± 2 mm
Battery life	8.000 single measurements
Laser type	635nm, <1mW
Laser power	Class II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	1.5 V X 2 AAA
Dimensions (mm)	105 x 46 x 26
Weight (without batteries)	80 g

* according to ambient brightness

DISPLAY FOR LASER DISTANCE METERS METRICA FLASH

Code IMESPFLASH

Dimensions:
42,5 x 14,5 x 31 mm
Equipped with a flyer pocket



INCLUDED

METRICA FLASH 30 - 60 meters

Code	L			€
61130	0,05 ÷ 30 m	8001066611300	1	-
61155	0,05 ÷ 60 m	8001066611553	1	-



- 4-line backlit display
- High visibility black screen
- Continuous measurement function, with max / min values always displayed
- 4 functions of Pythagoras
- Guided tracking
- Distances, Surfaces, Volumes
- Sum and subtraction of distances, surfaces and volumes
- Extractable end piece for diagonal measurement
- 2 vials
- Measuring timer, auto shut off
- Measurement delay function
- Sound function
- 99 memories
- 1/4" tripod thread
- With strap and pouch

TECHNICAL DATA

Range Code 61130 *	30 m
Range Code 61155 *	60 m
Accuracy	± 2 mm
Battery life	8.000 single measurements
Laser type	635nm, <1mW
Laser power	Class II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	1.5 V X 2 AAA
Dimensions (mm)	118 x 54 x 28
Weight (without batteries)	110 g
Tripod thread	1/4"

* according to ambient brightness

END PIECE FOR DIAGONAL MEASUREMENT



1/4" - THREAD ON THE BACKSIDE FOR TRIPOD ATTACHMENT



1/4"



INCLUDED

METRICA FLASH 100 meters TARGET CAMERA

Code	L			€
61186	0,05 ÷ 100 m	8001066611867	1	-



- **Target camera, camera with viewfinder to see where you are measuring**
- **Double inclinometer** (horizontal and vertical)
- **Electronic vial**
- Continuous measurement function, with max / min values always displayed
- **Six Pythagoras functions**
- Guided tracking
- Distances, surfaces, volumes
- Sum and subtraction of distances, surfaces and volumes
- Extractable end piece for diagonal measurement
- Measuring timer, auto shut off
- Sound function
- 100 memories
- **PC Connection/Charging Cable**
- **Rechargeable batteries**
- 1/4" tripod thread
- With strap, in box

TECHNICAL DATA

Range *	100 m
Accuracy	± 2 mm
Angle measure	± 90°
Battery life	30.000 single measurements
Laser type	635nm, <1mW
Laser power	Cl II
Dust/Waterproofing	IP 54
Working temperature	0° C / 40° C
Batteries	NiMh 3X1.2V 800mAh
Dimensions (mm)	130 x 56 x 29
Weight (without batteries)	130 g
Tripod thread	1/4"

* according to ambient brightness

TARGET CAMERA

- The camera shows the measuring point



END PIECE FOR DIAGONAL MEASUREMENT



DOUBLE INCLINOMETER



1/4" - THREAD ON THE BACKSIDE FOR TRIPOD ATTACHMENT



PC/RECHARGE CONNECTION CABLE

METRICA FLASH 120 ZOOM

Code	L			€
61190	0,15 ÷ 120 m	8001066611904	1	-



- **4X zoom** camera with **viewfinder**
- **Photo** of the measured point with **measurement memory**
- **Video and voice recording with memo**
- Dual digital inclinometer (horizontal and vertical)
- Continuous measurement function, with max / min values always displayed
- 7 Pythagoras functions
- Guided tracking
- Distances, surfaces, volumes
- Sum and subtraction of distances, surfaces and volumes
- Bracket for diagonal measurements
- 16 GB of internal memory
- PC connection / recharge cable
- **Rechargeable batteries**
- 1/4" thread for tripod mount
- With strap, in pouch

TECHNICAL FEATURES

Range *	120 m
Accuracy	± 2 mm
Angle measurement	± 90 °
Battery life	30,000 individual measurements
Laser type	635nm <1Mw
Laser power	Class II
Dust/waterproofing	IP 54
Operating temperature	0 ° C / 40 ° C
Batteries	3 NiMH 1.2V 800mAh
Dimensions (mm)	145 x 60 x 29
Weight (without batteries)	160 g
Tripod thread	1/4"
Cable	PC connection / charging

* according to ambient brightness



YouTube

ZOOM 4X CAMERA

- Shows the measuring point and the distance

BRACKET FOR DIAGONALS



DOUBLE INCLINOMETER



1/4" THREAD FOR TRIPOD MOUNT



PC CONNECTION /CHARGING CABLE

METRICA POINT 2 POINT

Code	L			€
61240	0,2 ÷ 40 m	8001066612406	1	-
61260	0,2 ÷ 60 m	8001066612604	1	-



Bluetooth[®]
SMART
* trademark registered by its owner



- **Point 2 Point function:** measure the distance between two points A and B by pointing at A and B successively.
- **Built-in measuring wheel:** drag the wheel to take an instant measurement. Indispensable for measuring sides without a stop.
- Calculation of areas and volumes even with combined laser and measuring wheel
- Continuous measurement function with MAX and MIN
- Tilt sensor
- Projects a fixed laser line for object alignment
- Measures: distances, surfaces, volumes, addition, subtraction, Pythagoras functions
- **Bluetooth** system and Metrica Plan App for perfect PC integration
- 2.4" HD screen with auto-rotate function that can be deactivated
- **Water and dust resistance IP65**
- Rechargeable batteries
- 1/4" thread for tripod connection

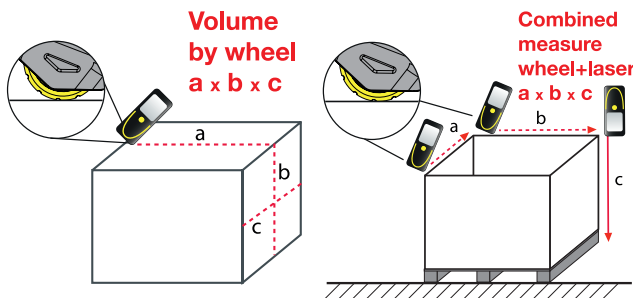
TECHNICAL FEATURES

Range *	40 m / 60 m
Typical accuracy	± 2,0 mm + (5XD*10 ⁻⁵)
Wheel accuracy	± 5‰
Reading	1 mm
Laser type	630-670 nm <1mW
Laser power	class II
Area/Volume	yes
Max/Min	yes
Pythagoras	yes
Subtraction/Addition	yes
Memory	50 measurements
Dust and waterproofing	IP 65
Batteries	1,5V. X 3 - AAA rechargeable with USB-C
Dimensions (mm)	137 x 55 x 26
Weight (without batteries)	132 g
Tripod thread	1/4"

* depending on ambient brightness



WHEEL FOR CONTACT MEASUREMENTS



SCREEN ROTATION



POINT 2 POINT FUNCTION



FIXED LASER LINE FOR OBJECT ALIGNMENT



PC CONNECTION/ CHARGING CABLE INCLUDED

METRICA GREEN

Code	L			€
61060	0,05 ÷ 60 m	8001066610600	1	-
61100	0,05 ÷ 100 m	8001066611003	1	-



- **Green laser** for better visibility
- **Digital tilt sensor**, electronic vial
- Continuous measurement function, with max/min values always displayed
- 4 Pythagoras functions (indirect measurement)
- Distances, surfaces, volumes
- Addition and subtraction of distances, areas and volumes
- Measuring timer, auto switch-off
- Adjustable measurement delay
- Sound function: beep
- 99 memories
- **Rechargeable** Li-Ion 3.7 V 850 mAh **battery**
- Charging cable
- 1/4" thread for tripod connection
- With strap, in pouch

TECHNICAL FEATURES

Range Code 61060*	60 m
Range Code 61100*	100 m
Typical accuracy	± 2 mm + (5XD*10 ⁻⁵)
Laser type	500-535 nm <1mW
Reading	1 mm
Laser power	class II
Dust and waterproofing	IP 54
Operating temperature	0° C / 40° C
Batteries	Li-Ion 3,7 V 850 mAh
Dimensions (mm)	118 x 52 x 27
Weight (without batteries)	50 g
Battery cable	yes
Tripod thread	1/4"

* depending on ambient brightness

10



1/4"



INCLIGRAD



1/4" THREAD FOR TRIPOD ATTACHMENT




Li-Ion 3,7 V 850 mAh BATTERY



PC CONNECTION/ CHARGING CABLE INCLUDED



DISPLAY FOR METRICA FLASH

Code	L x H x P		€
EXPO FLASH	30 x 45 x 16 cm	1	-

■ Free composition





DISPLAY FOR Code 61110

Code	L x H x P			€
89295	18 x 27 x 11 cm	8001066892952	1	-

- Composed of 6 x Code **61110** + Code **EXPO MINI**
- Display free with the first order of at least 6 pieces of the Code **61110**



DISPLAY FOR Code 61114

Code	L x H x P			€
89296	18 x 27 x 11 cm	8001066892969	1	-

- Composed of x Code **61114** + Code **EXPO DOUBLE**
- Display free with the first order of at least 6 pieces of the Code **61114**





LEICA DISTO D110

Code	L			€
61017	0,2 ÷ 60 m	8001066610174	1	–

- Continuous measurement - single multifunction button
- Quick Measurements: Bluetooth Smart with free App
- Ergonomic - new form - removable pocket clip
- ISO Standard 16331-1
- Area function
- With clip
- Pocket size
- **Range up to 60 m**
- **Precision: ± 1,5 mm**
- **IP: 54**



* trademark registered by its owner

Leica

01



LEICA DISTO D2 NEW

Code	L			€
61008	0,05 ÷ 100 m	8001066610082	1	–

- Ergonomic and compact design with soft grip
- Results obtained on 3 lines
- Backlight for reading in the dark
- Continuous measurement, with min/max
- Horizontal automatic measurement, automatic diagonal
- Tracking and storage of results
- Pythagoras function with 2 or 3 steps: determining the distance where you can not make a direct measurement
- Measurement of areas and volumes
- X-Range Power Technology
- **Bluetooth smart**
- End piece
- **Range up to 100 m**
- **Precision: ± 1,5 mm**
- **IP: 54**



* trademark registered by its owner



LEICA DISTO X3-1

Code	L			€
61029	0,05 ÷ 150 m	8001066610297	1	—

- Range up to 150 m
- P2P function
- Bluetooth
- 360° tilt sensor
- IP 65 dust-tight and splashproof
- Height measurements even without reflection surfaces (e.g. height of a tree or façade)
- Quick measurements: Bluetooth Smart with free App
- Ergonomic
- Robust and easy to clean
- ISO Standard 16331-1



* trademark registered by its owner



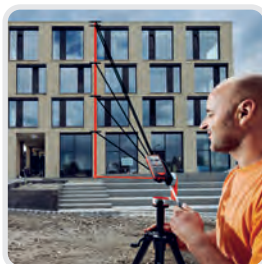
LEICA DISTO X4-1

Code	L			€
61014	0,05 ÷ 150 m	8001066610143	1	—

- Range up to 150 m
- Camera with viewfinder + x4 zoom
- Colour display
- P2P function
- Bluetooth
- 360° tilt sensor
- IP 65 dust-tight and splashproof
- Height measurements even without reflection surfaces (e.g. height of a tree or façade)
- Quick measurements: Bluetooth Smart with free App
- Ergonomic
- Robust and easy to clean
- ISO Standard 16331-1



* trademark registered by its owner



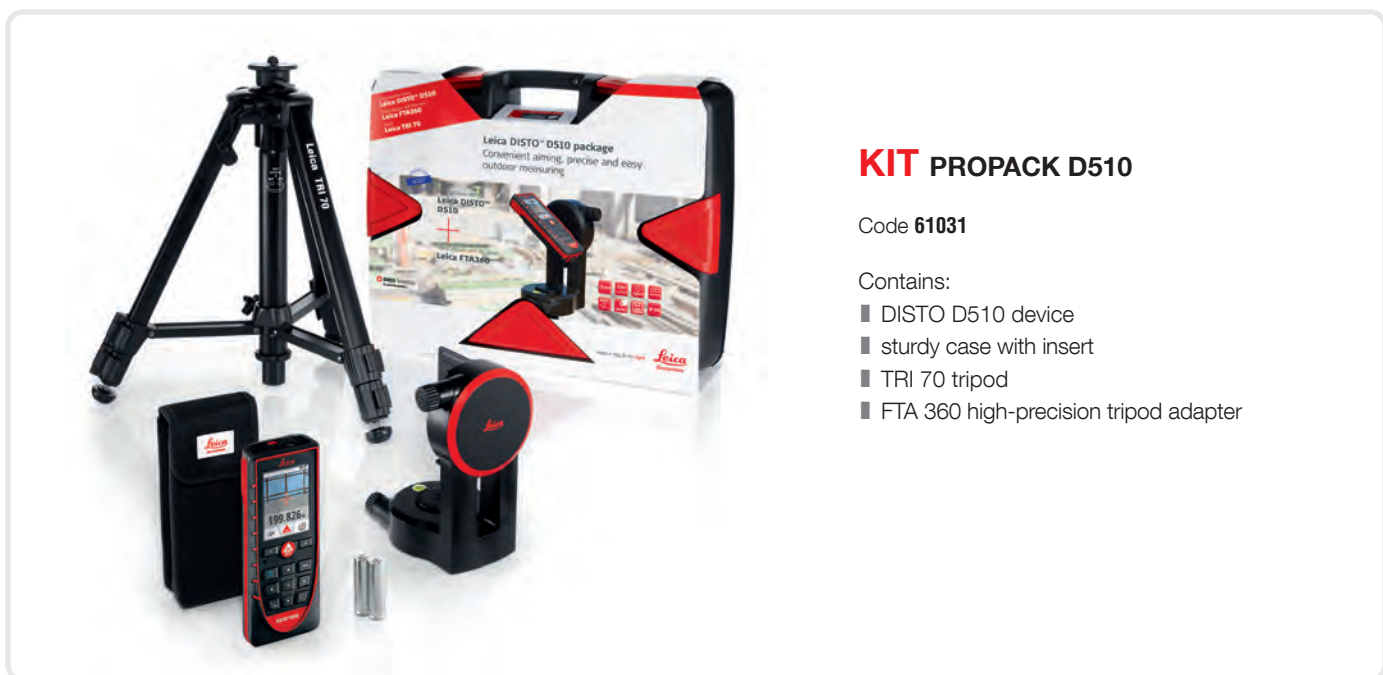
LEICA DISTO D510

Code	L			€
61007	0,05 ÷ 200 m	8001066610075	1	–
61031	0,05 ÷ 200 m	8001066610310	1	–

- Simple aiming with digital 4x zoom viewfinder even in low light
- **360° tilt sensor**
- Measurements of height **even without reflection surfaces** (eg: height of a tree or of a facade)
- Quick reliefs: Bluetooth Smart with Free App
- Ergonomic
- Very strong and easy to clean
- **IP 65, dust-proof and resistant to water jets**
- ISO Standard 16331-1
- **Range up to 200 m**
- **Precision: ± 1,0 mm**



* trademark registered by its owner



KIT PROPACK D510



Code **61031**

Contains:

- DISTO D510 device
- sturdy case with insert
- TRI 70 tripod
- FTA 360 high-precision tripod adapter



LEICA DISTO D810 TOUCH

Code	L			€
61015	0,05 ÷ 200 m	8001066610150	1	—
61023	0,05 ÷ 200 m	8001066610235	1	—

- Simple targeting with viewfinder and with 4X digital zoom also with reduced brightness
- **Overview Camera**
- **Touchscreen**
- **360° tilt sensor**
- **Measures heights even without reflective surfaces (ex. Height of a tree or a wall)**
- **Quick Measurements: Bluetooth Smart with free App**
- Ergonomic
- Very strong and easy to clean
- **Li-Ion batteries**
- ISO Standard 16331-1
- **Range up to 200 m**
- **Precision: ± 1,0 mm**
- **IP: 54**



* trademark registered by its owner



KIT PROPACK D810 TOUCH

Code **61023**

Contains:

- device DISTO D810 Touch
- sturdy case with insert
- TRI 70 tripod
- FTA 360 high-precision tripod adapter



LEICA DISTO S910

Code	L			€
61010	0,05 ÷ 300 m	8001066610105	1	—
61012	0,05 ÷ 300 m	8001066610129	1	—

- Measures the distance between two points
- Simple targeting with viewfinder and with 4X digital zoom also with reduced brightness
- Overview Camera
- Touchscreen
- 360° tilt sensor
- Measures heights even without reflective surfaces (ex. Height of a tree or a wall)
- Quick Measurements: Bluetooth Smart with free App
- Ergonomic
- Very strong and easy to clean
- Li-Ion batteries
- ISO Standard 16331-1
- Range up to 300 m
- Precision: ± 1,0 mm
- IP: 54
- P2P technology
- Capture data in CAD format
- X-Range Power Tech



* trademark registered by its owner



KIT PROPACK S910

Code 61012

Contains:

- device S910
- tripod TR170
- target GZM3
- case
- new FTA360-S



TRIPOD LEICA TRI100

Code	L			€
60571	70 ÷ 172 cm	8001066605712	1	-

- Photo/video **high quality** tripod (height 1.72 m) with **easy fine adjustment**
- Head with elevation crank, central stem with frictioned locking
- Rubber feet adjustable in height and adaptable to any surface
- Includes a swivel head (screw 1/4") and tipping system at 90° (Pythagoras)
- Complete with carry bag with external frictioned pocket
- Suitable for all Leica DISTO (no Leica DISTO D1/D110/D2 NEW)
- **Weight: 2.4 Kg**



LEICA DIGICAT DD120

Code			€
61930	8001066619306	1	-

- **Service Locator**
- The Leica DD100 Series cable locators feature **advanced automatic controls** that make the DD100 Series easy to use, requiring minimal user experience. Avoiding cables and underground pipes cables and underground pipes is a major concern on construction sites.
- Therefore, detecting the location of underground cables and pipes before excavation work can help prevent operator injury, property damage and subsequent costs. Use the DD120 cable locators in combination with a DA220 signal transmitter or a range of accessories to achieve improved accuracy and range of application.
- **With the Automatic Pinpointing** function there is no need to manually adjust the sensitivity of your Digicat cable locator ensuring you are using the optimum sensitivity for the environment in which you are detecting underground services. Reducing the likelihood of human error and allowing for easier and more efficient efficient location of cables and pipes. Ultimately, saving time and money.

TECHNICAL CHARACTERISTICS

Power	50Hz or 60Hz model
Radio	15kHz to 60kHz
Auto	Power, Radio, 33kHz
Transmitter modes	32.768 (33) kHz / 8.192 (8) kHz
Line depth range	0.3m a 3m / 1ft a 10 ft
Depth Accuracy *	10%
Water and dust resistance	IP 54
Operating temperature	-20° C to +50° C
Battery life**	15 hours
Dimensions (mm)	760 x 250 x 85
Weight (with batteries)	2,7 Kg

* Depth of an undistorted signal

** Constant use at 20°C/68°F



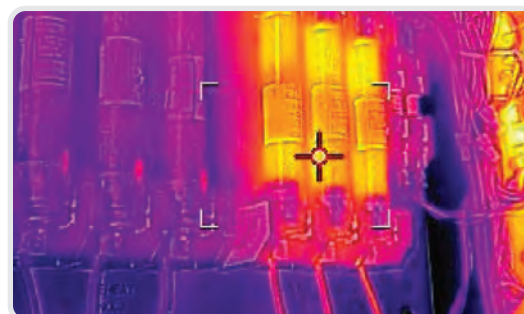
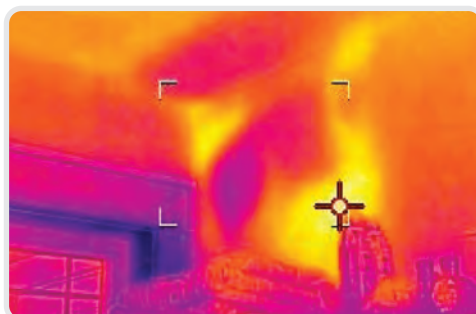
**FLIR THERMAL CAMERAS
FLIR EX SERIES WIFI**



Code			€
60435	8001066604357	1	-
60436	8001066604364	1	-
60438	8001066604388	1	-

- **Thermal cameras with infrared image series** FLIR EX Wi-Fi
- MSX image enhancement function
- Wireless connectivity to smartphones and other devices.
- Visual field of 45 ° x 34 °
- PIP (E6 and E8)
- Lightweight (575 gr) and robust
- **Fall protection: 2 m**
- **60435 - E5-XT WIFI**
 - Infrared resolution 19.200 pixels (160 x 120)
 - Thermal sensitivity <100 mk (<0.10 ° C)
 - Temperature range from - 20°C to + 400°C
- **60436 - E6-XT WIFI**
 - Infrared resolution 43.200 pixels (240 x 180)
 - Thermal sensitivity <60 mK (<0.06 ° C)
 - Temperature range from - 20°C to + 550°C
- **60438 - E8-XT WIFI**
 - Infrared resolution 76.800 pixels (320 x 240)
 - Thermal sensitivity < 50 mK (< 0,05 ° C)
 - Temperature range from - 20°C to + 550°C
- 3.7V rechargeable lithium battery; average operating time of 4 hours; charging time 2 hours (with charger) or 2.5 hours at 90% inside the device.
- **Download images via USB**
- **WIFI connectivity** to tablets, smartphones and other devices

* Trademarks registered by its owners

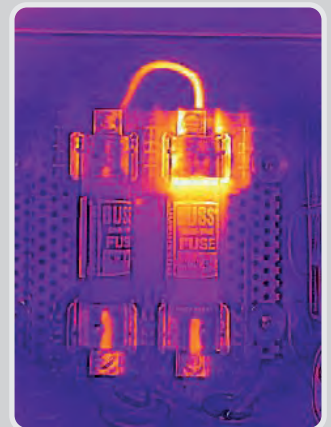




THERMAL CAMERA TG267

Code			€
60424	8001066604241	1	-

- Measuring range -25° C up to 380° C
- MSX function
- 19,200 pixel camera
- Bluetooth
- Memory: 50,000 images
- Rechargeable lithium-ion battery
- Drop resistant from 2 m
- Integrated LED torch



INFRARED GUIDED MEASUREMENT



* trademark registered by its owner





THERMAL CAMERA FLIR TG165-X

Code	Barcode	Box	€
60394	8001066603947	1	-

- Infrared image thermometer
- MSX function
- Measuring range from -25 to + 300 °C
- 2.4" LCD screen with 3 colour scales
- Display resolution 320x240 pixels
- Storage media 4 GB (50,000 images)
- Fall protection: 2 m
- 1/4" tripod thread



* trademark registered by its owner

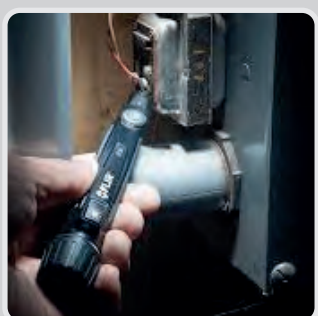
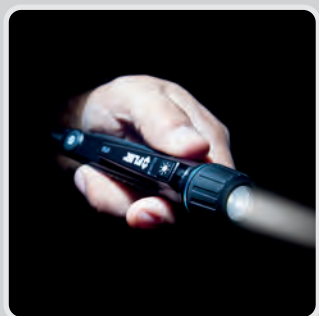


VOLTAGE DETECTOR FLIR VP42



Code	Barcode	Box	€
70099	8001066700998	1	-

- Contactless: vibration and LED alarm
- LED flashlight 60 lumen
- Drop-tested: 3 m
- Tensions up to 1000 V





THERMAL CAMERAS FLIR C3-X / C5

Code			€
60393	8001066603930	1	-
60395	8001066603954	1	-



Code **60393**- FLIR C3-X

- Intuitive 3,5" touch screen
- Resolution 128 x 96 pixels (12,288 pixels)
- Range -20 up to +300 ° C
- MSX-function: real and IR images are combined
- Cloud Flir Ignite included
- **Wi-Fi**
- 5,000 image memory



Code **60395**- FLIR C5

- Intuitive 3,5" touch screen
- Resolution 160 x 120 pixels (19,200 pixels)
- Range -20 up to +400 ° C
- MSX-function: real and IR images are combined
- Cloud Flir Ignite included
- **Wi-Fi**
- 5,000 image memory



* trademark registered by its owner





**THERMAL CAMERAS
ONE Pro - ONE Pro LT**



	Code			€	
	60399	Pro	8001066603992	1	-
	60400	Pro	8001066604005	1	-
	60401	Pro	8001066604012	1	-
	60396	Pro LT	8001066603961	1	-
	60397	Pro LT	8001066603978	1	-
	60398	Pro LT	8001066603985	1	-

- FLIR ONE PRO **connected to the mobile phone** (**60397** and **60399** - IOS, **60398** and **60400** - Micro USB, **60396** and **60401** - USB-C), allows you to identify problems that are not visible to the naked eye even faster.
- Measuring range: ONE Pro from -20 a +400°C - ONE Pro LT from -20 a +120°C
- Thermal resolution: ONE Pro 19.200 pixels 160 x 120 - ONE Pro LT 4.800 pixels 80 x 60
- 1440 x 1080 digital camera resolution
- File formats: Photo: JPEG, Video: MPEG-4
- Drop-tested: 1.8 m



* Trademarks registered by its owners





IMAGING MULTIMETER FLIR DM166

Code	Barcode	Box	€
70803	8001066708031	1	-

- **Thermal imaging with IGM technology** with 19200 pixel
- 18 functions such as VFD mode, tru RMS, LoZ
- Campo di misura da -10 a +150 °C
- Voltaggio AC/DC: 1000 V
- **Laser pointer**
- Thermocouple input
- Led worklights
- BlueTooth
- **Drop-tested: 3 m**



Laser pointer

* trademark registered by its owner



IMAGING MULTIMETER FLIR DM285

Code	Barcode	Box	€
70804	8001066708048	1	-

- **Thermal imaging with IGM technology** with 4800 pixel
- 18 funzioni: come la modalità VFD, valori RMS, LoZ, Tensioni senza contatto
- Campo di misura da -10 a +150 °C
- Voltaggio AC/DC: 600 V
- **Puntatore laser**
- Thermocouple input
- Led worklights
- **Drop-tested: 3 m**





**IMAGING CLAMP METER
FLIR CM275**

Code			€
70801	8001066708017	1	-

- Thermal sensor Lepton with 19200 pixel
- Measuring range from -10 to +150 °C
- Measures the tension and the power (RMS)
- Resolves problems quickly, such as True RMS, LoZ, VFD mode
- Bluetooth
- TFT-color display improved up to 2,4"
- **Drop-tested : 2 m**



**IMAGING CLAMP METER
FLIR CM174**

Code			€
70800	8001066708000	1	-



- Thermal sensor Lepton 4800 pixel
- Tension measurement (RMS)
- Solves complex, issues with True RMS, LoZ, VFD

* trademark registered by its owner





HYGROMETER FLIR MR176

Code			€
60408	8001066604081	1	-



- **Infrared image hygrometer MR176**
- Measurement with and without tips
- Hygrometer measuring range:
 - Relative humidity from 0 to 100%
 - Air temperature from 0 to 50 °C ± 0.6 °C
 - Dew point from -30 to 50 °C
 - Steam pressure from 0.0 to 12.0 kPa
- 2.3 " **color TFT graphic display**
(320 x 240 pixels) QVGA 4800 pixels





**IMAGING MOISTURE METER
FLIR MR160**



Code	Barcode	Quantity	Price (€)
60405	8001066604050	1	-

- Thermal imaging with IGM technology
- Pinless moisture sensor
- External pin probe
- Pin moisture range from 0 to 100% WME (± 5%)
- Laser pointer

* trademark registered by its owner



**PIN MOISTURE METER
FLIR MR55**



* trademark registered by its owner

Code	Barcode	Quantity	Price (€)
60423	8001066604234	1	-

- Measuring relative humidity and temperature
- Backlit display
- Data hold function fixes the displayed reading
- Detection of 11 material groups, including timber, plasterboard and concrete
- Bluetooth® enables measurements to be viewed from a mobile device
- Drop resistance 2 m

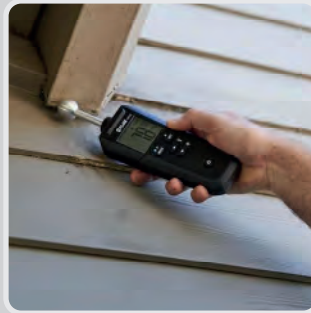




BALL PROBE MOISTURE METER FLIR MR59

Code			€
60425	8001066604258	1	-

- Spherical sensor (without tips) for non-destructive measurements
- Fast measurements on all types of surfaces
- Up to 10 cm depth
- Measurement in corners and poorly lit areas possible thanks to its working light
- Very clear & readable HD display
- Bluetooth connection & compatible with the FLIR Tools® Mobile application

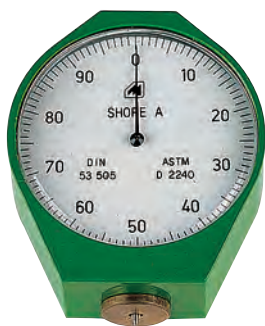


MOISTURE TESTING PEN FLIR MR40

Code			€
70110	8001066701100	1	-



- 2-point moisture meter for wood and other building materials
- **Acoustic indication** of the measured range (5-12%, 13-60%, over 60%)
- LCD display
- LED lamp 40 lumens power
- **Drop-tested : 3 m**



SHORE A HARDNESS TESTER

Code	SHORE A			€
60216	0 ÷ 100	8001066602162	1	—

- Shore hardness tester
- Dial direct reading
- Shore A scale 0-100
- With base
- In case

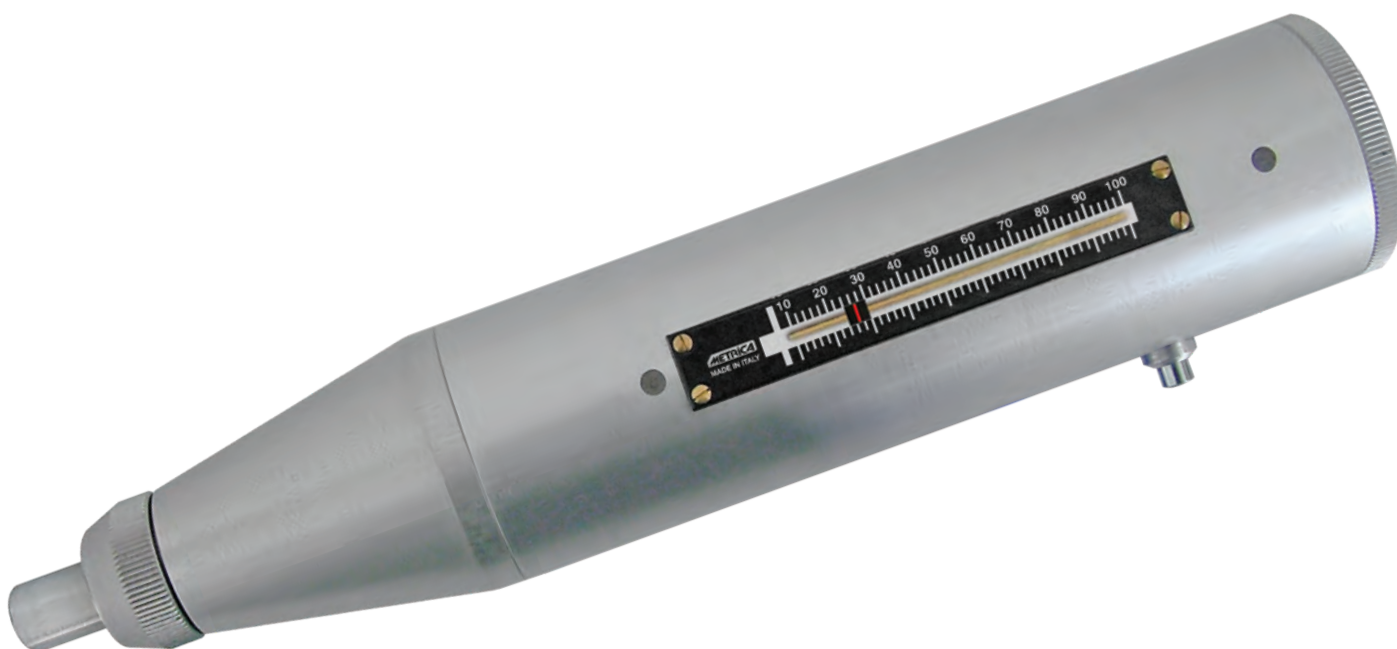
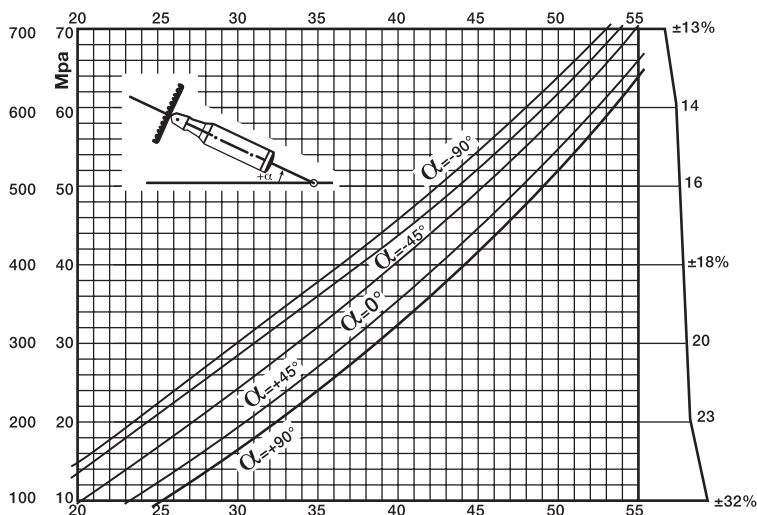
01

CONCRETE SCLEROMETER

Code			€
60210	8001066602100	1	—

- Hardness reading in kg/cm²
- Supplied with test object
- Hard case

MADE IN ITALY





ELECTRONIC VIAL



PROFESSIONAL STUD FINDER

Code			€
61530	8001066615308	1	-

- **Detector** of metals, wood and electric cables
- Indication of the **detection depth**:
 - Iron 100 mm
 - Wood 20 mm
 - Live cables 50 mm
- Electronic level with inclinometer

LIVE CABLES



IRON



WOOD



METALS



METAL DETECTOR

Code			€
60282	8001066602827	1	-

- Operating modes: **all metal, coins, small hardware**
- Indicator of the target: analogue and Audio - jack for headphones (not supplied)
- Sensitivity: maximum depth: 16 cm in ALL METAL mode
- **Plate research diameter 170 mm**, waterproof
- Power supply: 2 9V batteries
- Telescopic handle for easy transport





INFRARED THERMOMETER

Code	T °			€
60290	-50 °C / 850 °C	8001066602902	1	-

- **Capacity: -50 °C / 850 °C**
- IR rays thermometer, **double laser pointer**
- Adjustable emissivity
- Visual field D/S = 12:1 (D=distance, S=target)
- Industrial use
- Accuracy: 0,1°C
- Relative humidity: 10 - 90% RH
- Battery: 1 x 9 V



THERMO-ANEMOMETER

Code	T ° max			€
60291	60°	8001066602919	1	-

- **Temperature and Air Velocity** Measurement
- Air speed: m/s, ft/min, km/h, knots and MPH (4 knots)
- Measurement of the temperature in °C or °F
- Lock function of the measured value and the maximum value (**HOLD**)
- Low battery indicator
- Auto-off
- Complete with 9 V battery and pouch





CONTACT DIGITAL TACHOMETER

Code					€
70023	x / y	0 ÷ 30.000	8001066700233	1	-

- Contact type
- 5 digits reading
- Range 0,2- 30.000 RPM
- Automatic decimal point setting
- Connection ready for optical probe
- Accuracy:
 - ± 0,1 rpm until 1000 rpm
 - ± 0,005% ± 1 digit from 1.000 to 30.000 rpm
- Power: 4 batteries 1,5V (lasting 20 working hours)
- Supplied with 2 conic tips + 1 shaped tip and 1 wheel for linear speed measurement
- In shockproof case

= rpm



OPTICAL DIGITAL TACHOMETER

Code					€
70029	x / y	0 ÷ 100.000	8001066700295	1	-

- Optical type
- 5 digits direct reading
- Instant measure of the angular velocity
- Range 2-100.000 RPM
- Automatic decimal point setting
- Accuracy:
 - ± 0,1 rpm until 1.000 rpm
 - ± 0,005 ± 1 digit from 1.000 to 100.000 rpm
- In shockproof case supplied with 5 adhesive reflectors

= rpm



Fig A



Fig B



MOISTURE TESTER

Code			€
60274	8001066602742	1	-

- Moisture tester
- Humidity gauge for wood and cement
- Double measuring possibility:
 - contact measuring (fig. A)
 - deep measuring with probe (fig. B)
- In case





THICKNESS DIGITAL ULTRASONIC GAUGE

Code	A mm	 mm			€
60286	1,5 ÷ 200	0,1	8001066602865	1	-

- To measure metal, glass and plastic thickness
- On plane or on round surfaces
- Supplied with separated probe and extendable cable
- Accuracy: 0,1 mm
- Capacity: 1,5 - 200 mm
- Reading: mm/inch
- In case

10



COATING ELECTRONIC THICKNESS GAUGE FE-NFE

Code			€
60271	8001066602711	1	-

- Instant measurement of the thickness of paints or coatings on:
 - Ferrous metal surfaces (FE)
 - Non-ferrous metal surfaces (NFE)
- Supplied with detection probe and cable
- Measuring range: 0 ÷ 1250 μ
- Resolution: 0.1 μ to 100μ. 1μ over 100μ
- Accuracy: ± 1 - 3% or 2.5 μ to 0.1 mil (the highest value)
- Quick and easy calibration with 4 samples (50-100-200-500μ)

Not for sale in Germany, France, UK and USA



MULTIFUNCTIONAL PHONOMETER

Code			€
60294	8001066602940	1	-

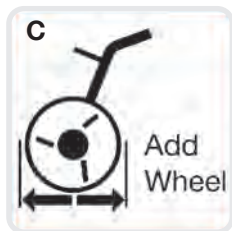
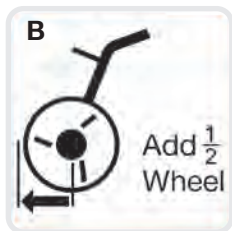
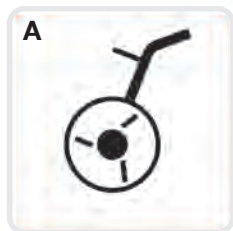
- Measure Lp-Leq-Ln
- Resolution: 0,1 dB
- Accuracy: ± 1 dB
- In case

Not on sale In Germany, France, UK and USA

Lp: 30 ~ 130 db (A); 35 ~ 130 db (B); 40 ~ 130 db (C)

Leq: 30 ~ 130 db (10s, 1min, 5min, 10min, 15min, 30min, 1h, 8h, 24h)

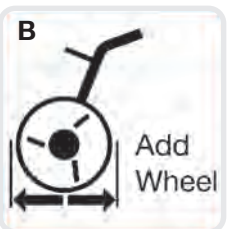
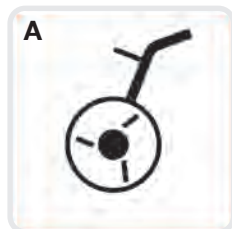
Ln: 0 - 100%



DIGITAL ROAD MEASURING WHEEL

Code	L	Resolution	Barcode	Quantity	Price
60459	10 km	1 cm	8001066604593	1	€ -

- LCD screen (liquid crystal) in upper part for easy reading
- 6-digit counter
- Measuring range 10 km, reading m/cm
- Reading 1 cm
- HOLD memory function
- Wheel Ø 29 cm
- Automatic switch-off after 3 minutes
- 3 measurement modes: A - B - C - C
- Telescopic handle
- Carrier bag
- 8 Memories
- Surface calculation
- m/inch/feet/mile/yard/m/km
- Batteries 2 x AA
- Weight 1,5 kg
- Battery life 5 hours
- Setting the monitor contrast



DIGITAL ROAD MEASURING WHEEL JUNIOR

Code	L	Resolution	Barcode	Quantity	Price
60458	999,9 m	10 cm	8001066604586	1	€ -

- LCD screen (liquid crystal) in upper part for easy reading
- 4-digit counter
- Measuring range 999.9 m, reading m/10 cm
- Reading 10 cm
- HOLD memory function
- Wheel Ø 30 cm
- Automatic switch-off
- 3 measurement modes: A - B
- Folding handle
- Carrier bag
- Area, volume calculation
- m/pieds/yard
- Batteries 4 x AAA
- Weight 2 kg



ROAD MEASURING WHEEL METAL

Code	L	Resolution	Barcode	Box	€
60500	9999,99 m	1 cm	8001066605002	1	—
60502	9999,99 m	1 cm	8001066605026	1	—

- Circumference 1 m
- With lock
- 5 digits counter with resetting lever
- Range 10 km - reading 1 cm
- Metal jointed and foldable handle
- In hard case

Code **60502** with accumulating counter



10



ROAD MEASURING WHEEL

Code	L	Resolution	Barcode	Box	€
60464	10 km	m / 10 cm	8001066604647	1	—

- Visible counter and driven from the top
- Capacity 10 km
- Reading m/10 cm
- With brake
- Section strong
- Folding handle
- Wheel Ø 32 cm
- In carrying bag



SMALL MEASURING WHEEL

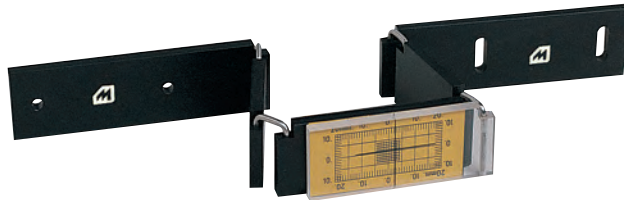
Code	L	Resolution	Barcode	Box	€
60453	9999,9 m	10 cm	8001066604531	1	—

- Reduced size: 41 cm long when closed
- 2 wheel Ø 10 cm
- Reading 10 cm
- 5 digits counter
- Telescopic handle



UNIVERSAL FOLDABLE CRACK GAUGE

Code	A/B mm	┌┐┌┌			€
40090	± 10 / ± 20	mm	8001066400904	1	-

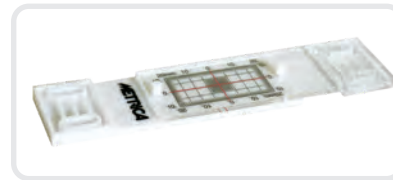
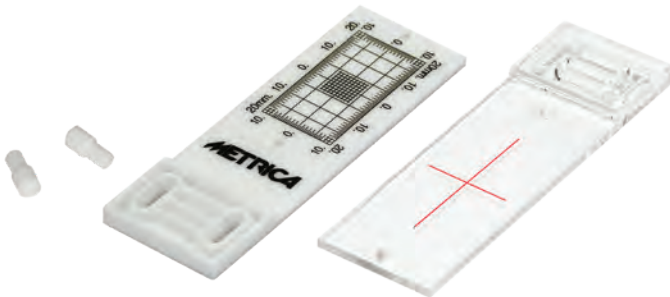


- Crack gauge composed by 3 + 3 articulated elements
- Double graduation in mm
- Horizontal ± 20 mm and vertical graduation ± 10 mm
- **Suitable to be fitted on any wall**, curve, groove or protrusion



CRACK GAUGE

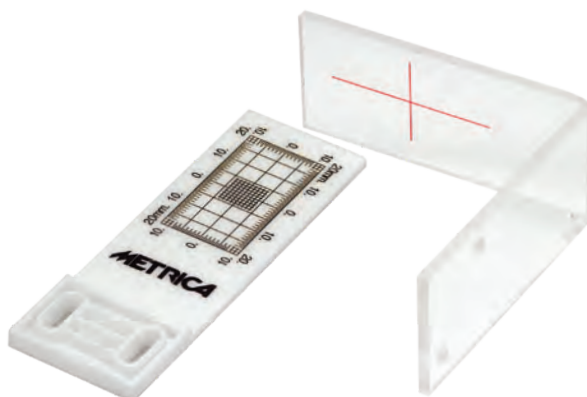
Code	A/B mm	┌┐┌┌			€
40086	± 10 / ± 20	mm	8001066400867	1	-



- Millimeter graduation for direct measurement both horizontal and vertical movements

ANGLE CRACK GAUGE

Code	A/B mm	┌┐┌┌			€
40091	± 10 / ± 20	mm	8001066400911	1	-



- Millimeter graduation for direct measurement both horizontal and vertical movements

DIGITAL LEVEL + INCLINOMETER

Code	L				€
33806	60 cm	0°- 90°- 0°	8001066338061	1	-
33810	100 cm	0°- 90°- 0°	8001066338108	1	-

- Digital display in degrees (0.05°) in % (0.1%) and tangent function (mm/m); backlit display
- Measurement locking key
- Acoustic signal
- Two acrylic glass vials: horizontal and vertical
- Carrier bag

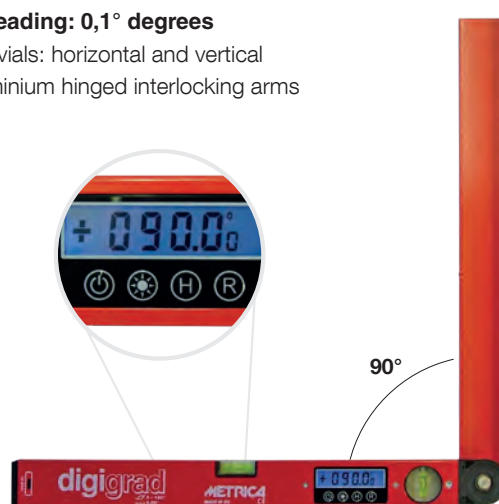


digigrad

DIGITAL PROTRACTOR

Code	L					€
29790	50 cm	0-200°	0,1°	8001066297900	1	-

- Digital reading: 0,1° degrees
- 2 acrylic vials: horizontal and vertical
- Two aluminium hinged interlocking arms



DIGITAL LEVEL + INCLINOMETER





Code	L					€
29890	50 cm	0-225°	0,05°	8001066298907	1	-

- Two articulated aluminum arms with locking mechanism
- Digital display 0.05° - backlit display
- Measurement locking key
- Functions: Composite angle, additional angle
- Two acrylic glass vials: horizontal and vertical
- Carrier bag



quadranfixTM
Made in Italy

PROTRACTOR WITH DIAL INTERLOCKING ARMS

Code	L					€
29900	45 cm	0-180°	1°	8001066299003	1	-
29901	60 cm	0-180°	1°	8001066299010	1	-
29903	75 cm	0-180°	1°	8001066299034	1	-
29902	100 cm	0-180°	1°	8001066299027	1	-
29904	150 cm	0-180°	1°	8001066299041	1	-



- Two aluminium **interlocking arms** working on the same plane with locking screw
- **Direct reading in degrees on the front dial gauge**
- Range 0-180°
- Two acrylic vials: horizontal and vertical
- Two hardened steel tips (movable) for compass use, carrying or tracking
- In soft case

MADE IN ITALY



For compass use



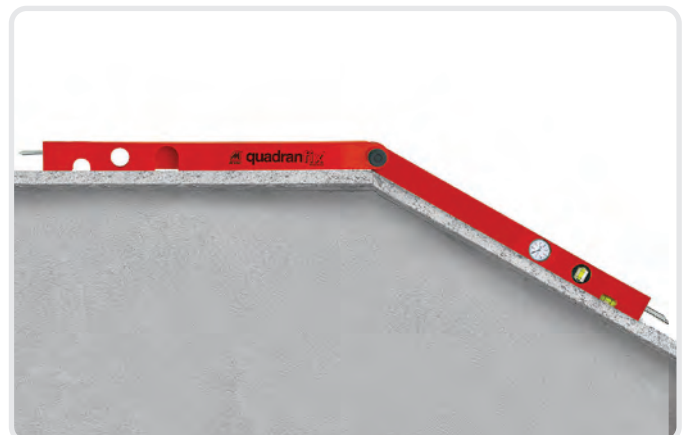
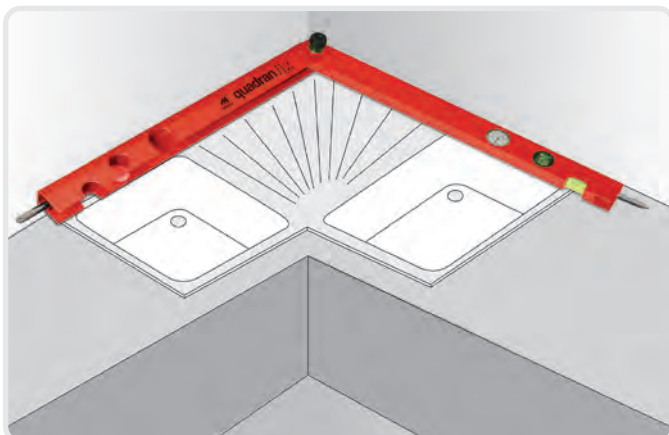
2 acrylic vials



Dial scale
0°-90° and 90°-180°



Locking screw



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Made in Italy



**PROTRACTOR WITH DIAL
ALONGSIDE ARMS**

Code	L					€
29905	60 cm	0-355°	1°	8001066299058	1	-

- Two aluminium interlocking arms working on the same plane with locking screw
- Direct reading in degrees on the front dial gauge
- Range 0-355°, double scale 0°-90° and 90° - 180°
- Two acrylic vials: horizontal and vertical
- Two hardened steel tips (movable) for compass use
- In soft case

MADE IN ITALY



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Made in Italy

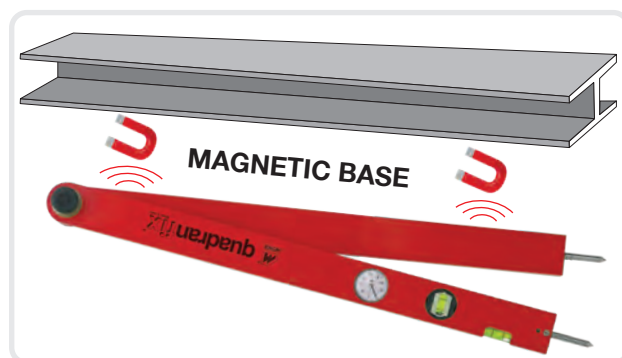


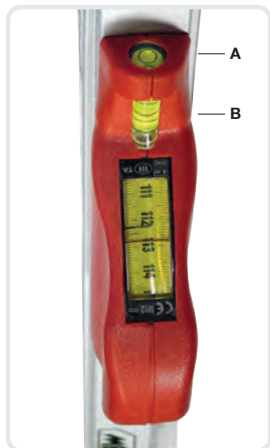
**PROTRACTOR WITH DIAL
MAGNETIC ALONGSIDE ARMS**

Code	L					€
29915	60 cm	0-355°	1°	8001066299157	1	-

- Magnetic base
- Two aluminium interlocking arms working on the same plane with locking screw
- Direct reading in degrees on the front dial gauge
- Range 0-355°, double scale 0°-90° and 90° - 180°
- Two acrylic vials: horizontal and vertical
- Two hardened steel tips (movable) for compass use
- In soft case

MADE IN ITALY





Ergonomic shape.
Window with two built-in vials (A and B)



Waterproof sheath (patented) to work even on wet or sandy bed



telefix™

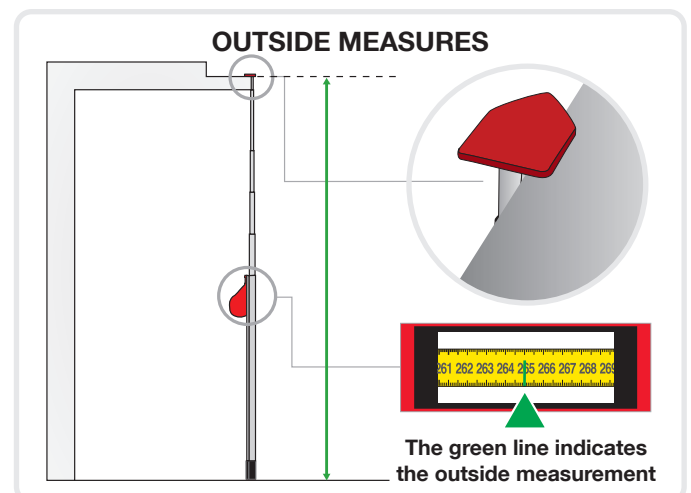
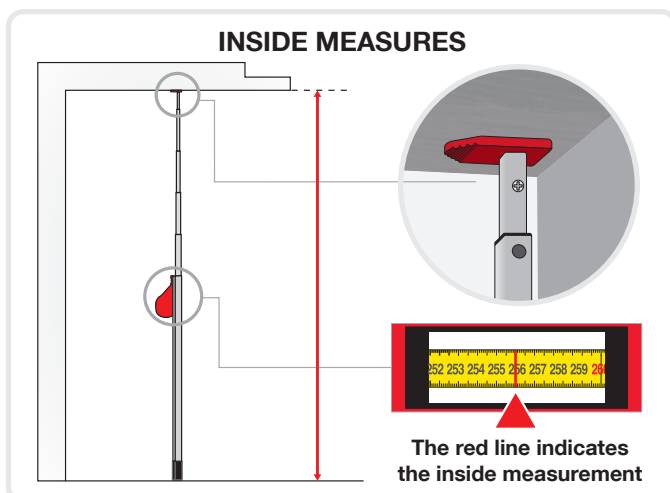
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TELEFIX TELESCOPIC MEASURING GAUGE

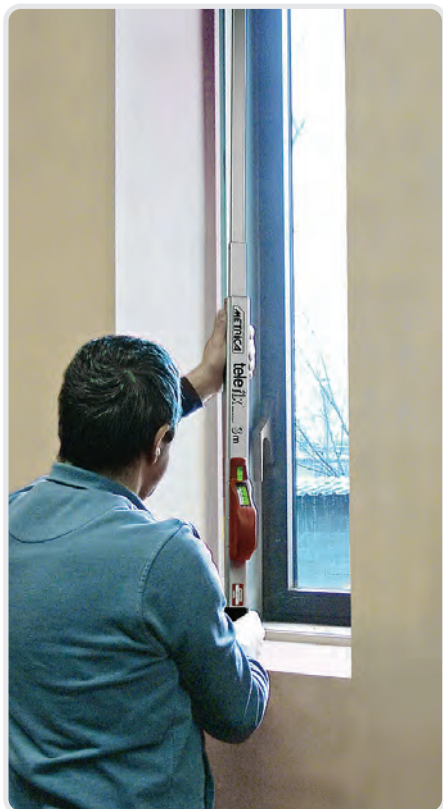


Code						€
49358	1 m	32 cm	mm	8001066493586	1	–
49359	2 m	49 cm	mm	8001066493593	1	–
49360	3 m	66 cm	mm	8001066493609	1	–
49361	4 m	83 cm	mm	8001066493616	1	–
49362	5 m	99 cm	mm	8001066493623	1	–
49363	6 m	116 cm	mm	8001066493630	1	–
49365	8 m	135 cm	mm	8001066493654	1	–
49366	10 m	163 cm	mm	8001066493661	1	–

- Telescopic measuring gauge with DIRECT READING ON A GRADUATED TAPE with indication of internal and external measures
- Easy reading: display on top side of the gauge
- **Base with waterproof sheath (Patented)**
- Self-locking of every pole when completely out, stainless steel internal springs
- Vertical and horizontal vial for a proper positioning during measurements
- Soft case with carrying handle
- Possible to screw steel caps at the ends to measure into slots or diagonals



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TELEFIX FOR WINDOWS



Code						€
49364	3 m	66 cm	mm	8001066493647	1	-

- **For window and door manufacturers**
- Telescopic measuring gauge with **DIRECT READING ON A GRADUATED TAPE** with indication of inside and outside measures
- **Measurement window located at the bottom** for easy reading when measuring windows and doors
- Base with waterproof sheath (Patented)
- Self-locking of every pole when completely out
- Vertical and horizontal vial for a proper positioning during measurements
- Vinyl protective case with carrying handle

10

telefix
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TELEFIX FOR GEODESY



Code						€
49356	5 m	104 cm	mm	8001066493562	1	-

- Model for geodesy
- With positive screw locking of each pole in any position (useful for carrying heavy weight)
- Base with waterproof sheath (Patented)

ACCESSORIES (+)



5/8" Adapter for Geodesy with locking	Code			€
	49373	8001066493739	1	-



Aluminium adapter for lasers	Code			€
	49374	8001066493746	1	-

* The use of accessories will invalidate the certification

TELEFIX WITH TELESCOPIC ROD

1 m or 2 m (*)

Code						€
49345	5 m	103 cm	mm	8001066493456	1	-

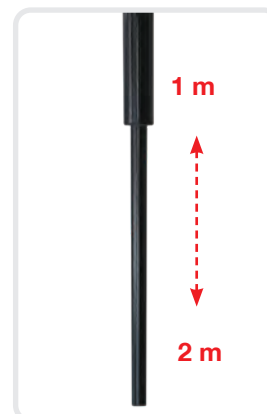
- Stiffer structure
- Carbon fibre rod, extendable 1/2 m (patented)



ROD ASSEMBLY



TELESCOPIC ROD 1 m / 2 m



YouTube

telefix

Made in Italy

ACCESSORIES FOR TELEFIX (*)

TO MEASURE INSIDE GROOVES

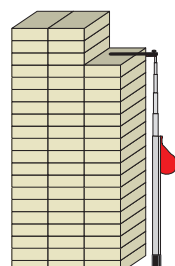


Couple of tips 50 mm long long Ø 10 mm	Code			€
	49370	8001066493708	1	-



TO MEASURE DIAGONALS

Couple of tips 50 mm long with triangular tip for diagonal	Code			€
	49371	8001066493715	1	-



FOR OUTSIDE MEASURING

Screwable beak for outside measuring 33 cm long	Code			€
	49377	8001066493777	1	-

* The use of accessories will invalidate the certification



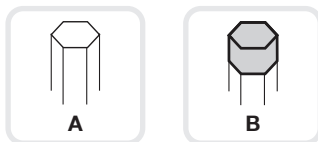
DISPLAYS FOR TELEFIX

Code	L x H x P		€
EXPO TELEFIX	65 x 150 x 30 cm	1	–



10

WOODEN RANGING POLE WITH FORGED STEEL TIP



Code	L cm	Ø mm			€
60010	160	28	8001066600106	1	–
60011	160	28	8001066600113	1	–

- Forged steel tip
- Red/white body every 20 cm
- Code **60010** = without cap (A)
- Code **60011** = with cap (B)

PLASTICIZED METAL RANGING POLE



Code	L cm	Ø mm			€
60023	160	22	8001066600236	1	–
60024	160 (2 x 80)	22	8001066600243	1	–

- Plastic coated metal body red/white painted every 20 cm
- Each pole of the Code **60024** consists of 2 screwable plastic-coated metal parts of 80 cm long

FIBER GLASS RANGING POLE



Code	L cm	Ø mm			€
60031	160	30	8001066600311	1	–

- Forged steel tip
- Interchangeable cap

	TAPE DIMENSIONS												TYPE OF TAPE						HOOK				
	13 mm		16 mm		19 mm		25 mm		27 mm		32 mm		33 mm		TEXTURED	SELF-LOCKING	DOUBLE GRADUATION	NEW GRADUATION	WHITE GIANT NUMBERS	NYLON COATED	VISIBLE NUMBERS	NO SLIP	FIXED MAGNET
2 meters	3 meters	3 meters	3 meters	5 meters	3 meters	5 meters	6 meters	8 meters	10 meters	5 meters	8 meters	5 meters	8 meters	5 meters									
REVERXO page 94			•		•		•		•							•	•						•
METRICA ALL BLACK page 94				•		•		•						•	•	•							
METRICA BLACK BULL page 95												•	•		•	•						•	•
METRICA ACTION CHROMED page 96			•		•		•		•						•	•			•	•		•	
FLASH page 96			•		•		•		•					•	•								
METRICA MAGNETE FORTE page 97							•												•	•		•	
METRICA FLASH TOUCH page 97			•		•		•		•	•									•				
METRICA XL 33 page 98													•	•					•		•		
METRICA XL 27 PLUS page 98										•	•				•	•							
METRICA TOTAL WHITE page 99			•		•		•		•					•	•								
FLESSOMETRO CON VENTOSA page 99		TAPE DIMENSIONS 5 m x 15 mm - graduation mm 4,5 m x 15 mm - graduation mm/inch												TYPE OF TAPE FIBREGLAS DOUBLE GRADUATION						HOOK RING WITH SUCTION CUP			
METRICA NEW GRADUATION page 100							•										•						
METRICA DOUBLE page 100							•								•				•	•			
CROMATO page 101				•																	•		
CROMATO page 101						•	•		•	•											•		
METRICA NYLON COATED page 102						•	•		•	•										•	•		
METRICA ONE page 102							•													•			

	TAPE DIMENSIONS														TYPE OF TAPE					HOOK	
	13 mm	16 mm	19 mm	25 mm	27 mm	32 mm	33 mm	TEXTURED	SELF-LOCKING	DOUBLE GRADUATION	NEW GRADUATION	WHITE GIANT NUMBERS	NYLON COATED	VISIBLE NUMBERS	NO SLIP	FIXED MAGNET	DOUBLE HOOK				
	2 meters	3 meters	3 meters	5 meters	3 meters	5 meters	6 meters	8 meters	10 meters	5 meters	8 meters	5 meters	8 meters	5 meters	8 meters						
METRICA RUBBER TOUCH page 94		•		•		•		•	•					•	•	•					
SELF LOCKING page 94		•		•		•		•	•												
RUBBER SELF LOCK page 95					•	•		•						•							
METRICA 3 STOP page 96		•		•		•	•	•													
3 BOTTONI page 96		•	•	•		•		•	•												
JUST IN page 97				•										•							
LOOK page 97		•																			
TASCABILE CROMATO page 98	•	•		•		•															
TASCABILE NERO page 98	•	•		•																	
TASCABILE GIALLO page 99	•	•		•		•		•													
TENDER COLOR page 99	•	•		•																	
MINI WHITE page 100	•																				
TRANSPARENT page 100		•		•																	
BOX 24 page 101		•																			
PORTACHIAVI page 101	•																				
PORTACHIAVI page 102	•																				

REVERXO



Code	L			B mm			€
08103	3 m	16 mm	mm	70	8001066081035	12	-
08104	5 m	19 mm	mm	80	8001066081042	12	-
08105	5 m	25 mm	mm	80	8001066081059	6	-
08108	8 m	25 mm	mm	90	8001066081080	6	-

- Self-locking tape in any position plus stop button permanent/release
- Graduation on both sides:
 - Front: **horizontal** numbering
 - Back: **vertical** numbering
- Double hook
- Rubberized housing Rubber Touch

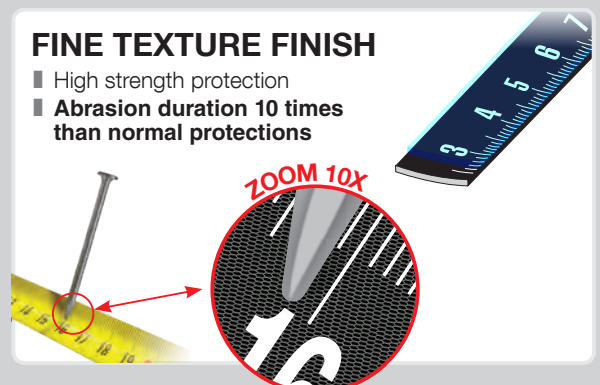
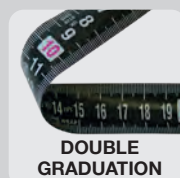
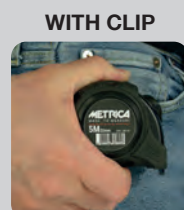


METRICA ALL BLACK TAPE SELF-LOCKING



Code	L			B mm			€	Code			€
38143D	3 m	19 mm	mm	65	8001066381432	12	-	08143	8001066081431	12	-
38145D	5 m	25 mm	mm	75	8001066381456	6	-	08144	8001066081448	6	-
38148D	8 m	25 mm	mm	95	8001066381487	6	-	08148	8001066081486	6	-

- Self-locking BLACK tape
- Double graduation
- Rubberized non-slip housing with big release button
- With clip



METRICA BLACK BULL

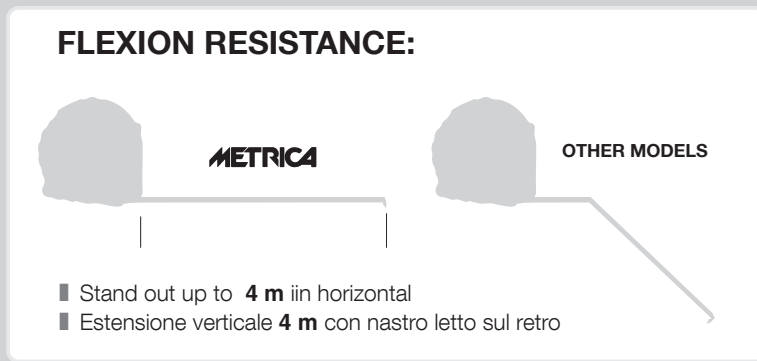
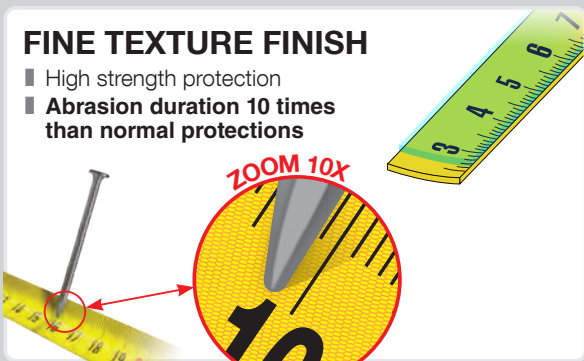
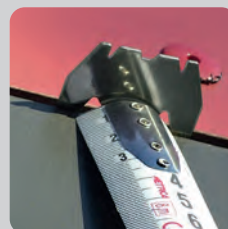
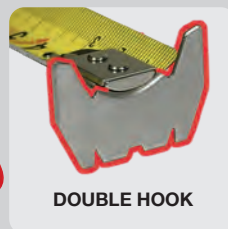
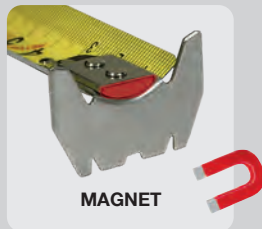
CE II

Code	L			B mm			€
08075	5 m	32 mm	mm	75	8001066080755	6	-
08078	8 m	32 mm	mm	95	8001066080786	6	-

- Tape width 32 mm, covered with textured nylon
- Graduation on both sides:
 - front: **horizontal** numbering
 - back: **vertical** numbering
- Extra large double end hook
- Magnet hook
- Rubberized non-slip housing
- Extension of more than 4 m



02



METRICA ACTION CHROMED

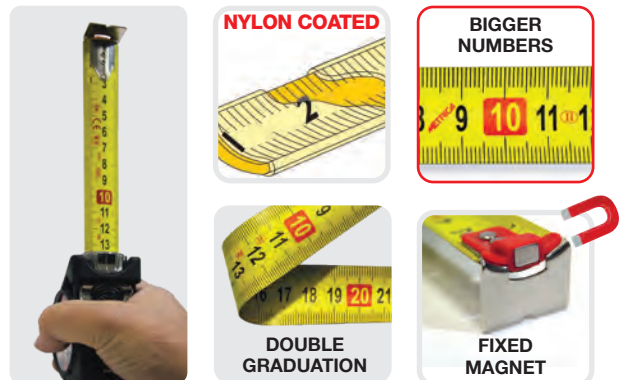
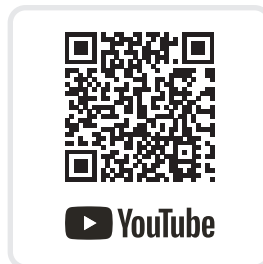
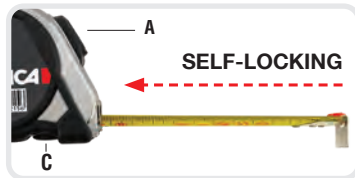


Code	L			B mm			€	Code			€
38212	3 m	16 mm	mm	73	8001066382125	6	–	08212	8001066082124	6	–
38214	5 m	19 mm	mm	83	8001066382149	6	–	08214	8001066082148	6	–
38215	5 m	25 mm	mm	83	8001066382156	6	–	08215	8001066082155	6	–
38218	8 m	25 mm	mm	95	8001066382187	6	–	08218	8001066082186	6	–



B

- **Self-locking tape** in any position
- 2 release buttons A, C
- Exclusive (patented) device of **fixed magnet** at the beginning of the tape. It allows exact measures without the error of other tapes with magnet on the movable hook
- Nylon coated tape anti-abrasion, anti-acid, mat antiglare surface
- Chromed case with **non-slip rubber coating**
- With clip
- **Graduation on both sides:** front horizontal numbering, rear vertical numbering
- **Improved graduation and numbering for a better visibility**



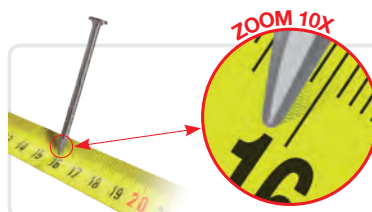
B

METRICA FLASH



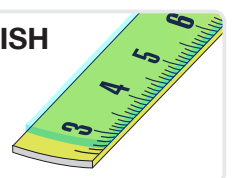
Code	L			B mm			€
08973	3 m	16 mm	mm	65	8001066089734	6	–
08974	5 m	19 mm	mm	75	8001066089741	6	–
08975	5 m	25 mm	mm	75	8001066089758	6	–
08978	8 m	25 mm	mm	95	8001066089789	6	–

- **Fluorescent tape**
- Graduation on both sides:
 - front: **horizontal** numbering, fluorescent background
 - rear: **vertical** numbering, white background
- Nylon coated tape anti-abrasion, anti-acid, mat antiglare surface
- Chromed case with antislip rubber coating
- Extremely high resistance to vertical bending using the vertical scale



FINE TEXTURE FINISH

- High strength protection
- **Abrasion duration 10 times than normal protections**



METRICA MAGNETEFORTE



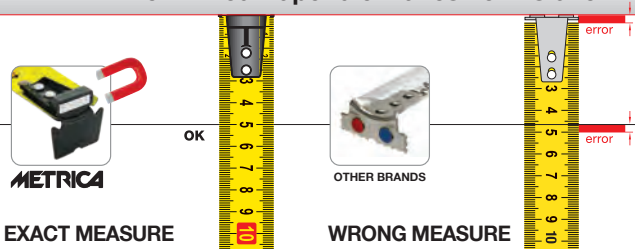
Code	L			B mm			€	Code			€
38597	5 m	25 mm	mm	70	8001066385973	6	-	08597	8001066085971	6	-

- **Patented fixed magnet** at the beginning of the tape
- **Eliminates** the usual **error** with conventional tape measures with the magnet on the hook
- Nylon-coated tape, abrasion-resistant, acid- and reflex-free
- Chrome-plated housing with real rubber anti-slip coating
- **Improved graduation and numbering for more visibility**
- With clip

B



FIXED MAGNET: our tape rule makes no mistake



EXACT MEASURE

WRONG MEASURE

The fixed magnet on the tape locks the beginning of the graduation on the metal surface and guarantees a precise reading even when pulling on the tape

On tape rules with magnet on the hook, it's the hook that gets locked on the metal surface, not the tape. Therefore it generates the error when pulling on the tape.



YouTube

METRICA FLASH TOUCH



B

Code	L			B mm			€
08963	3 m	16 mm	mm	60	8001066089635	12	-
08964	5 m	19 mm	mm	70	8001066089642	12	-
08965	5 m	25 mm	mm	70	8001066089659	6	-
08968	8 m	25 mm	mm	82	8001066089680	6	-
08970	10 m	25 mm	mm	92	8001066089703	6	-

- Bimaterial housing with **non-slip rubber** coating
- **Nylon-coated** tape, abrasion-resistant, acid-repellent, anti-reflective
- Very **good tape run**
- Clear and visible numbering
- Compact design
- With clip





B

METRICA XL 33



Code	L			B mm			€
08755	5 m	33 mm	mm	70	8001066087556	1	-
08758	8 m	33 mm	mm	80	8001066087587	1	-

- Nylon coated tape 33 mm wide
- Exclusive end hook with wing shaped rubber for easy gripping (Patented)
- Long lasting anti-abrasion, anti-acid, mat antiglare surface
- It stands out to 3 m in horizontal and 4.5 m in vertical positions
- Big sized numbers for easy reading
- Bi material case, stainless steel, rubber coated non slip
- Automatic rewinding with bumper
- With clip



FLEXION RESISTANCE:

- Stand out up to **3 m** in horizontal
- Stand out up to **4.5 m** in vertical



B

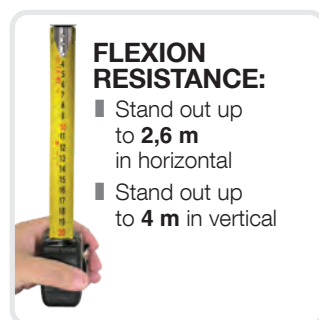
METRICA XL 27 - PLUS

Code	L			B mm			€
08765	5 m	27 mm	mm	83	8001066087655	6	-
08768	8 m	27 mm	mm	95	8001066087686	6	-

- 27 mm tape
- Textured surface of the tape
- High strength nylon protective sheathing of the tape
- Abrasion resistance 10 times more than normal protections
- Graduated on both sides
 - front: horizontal numbering
 - rear: vertical numbering
- Bi-material stainless steel case, antislip rubber coating
- It stands out up to 2.6 m in horizontal and 4 m in vertical
- Automatic rewinding with bumper
- With clip



DOUBLE GRADUATION



FLEXION RESISTANCE:

- Stand out up to **2,6 m** in horizontal
- Stand out up to **4 m** in vertical

FINE TEXTURE FINISH

- High strength protection also around the edges
- Abrasion duration 10 times than normal protections



TOTAL WHITE



Code	L			B mm			€
08320	3 m	16 mm	mm	70	8001066083206	6	-
08321	5 m	19 mm	mm	75	8001066083213	6	-
08322	5 m	25 mm	mm	75	8001066083220	6	-
08323	8 m	25 mm	mm	100	8001066083237	6	-

- Textured surface of the tape
- High strength protective sheathing of the tape
- Abrasion resistance 10 times more than normal protections
- Bi-material stainless steel case, non-slip rubber coated
- Extremely high resistance to vertical bending using the vertical scale
- Graduated on both sides
 - front: horizontal numbering
 - rear: vertical numbering

FINE TEXTURE FINISH

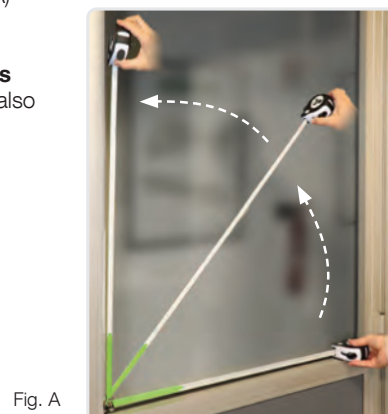
- High strength protection also around the edges
- Abrasion duration 10 times than normal protections



TAPE MEASURE WITH SUCTION CUP

Code	L			B mm			€
38402	5 m	15 mm	mm	100	8001066384020	1	-
38404	4,5 m	15 mm	mm/inch	100	8001066384044	1	-

- Fibreglas tape
- ABS housing coated with non-slip cover
- For adhesion measurement of curved or flat surfaces without abrasion
- Ideal for wrapping cars, boats, car bodies and other events, furniture with sensitive surfaces
- Swivel belt on suction cup for measuring from two sides without moving suction cup (Fig. A)
- Included in delivery:
 - one spare suction cup
 - a suction cup with **pliers** for attaching the tape also for curved surfaces





B



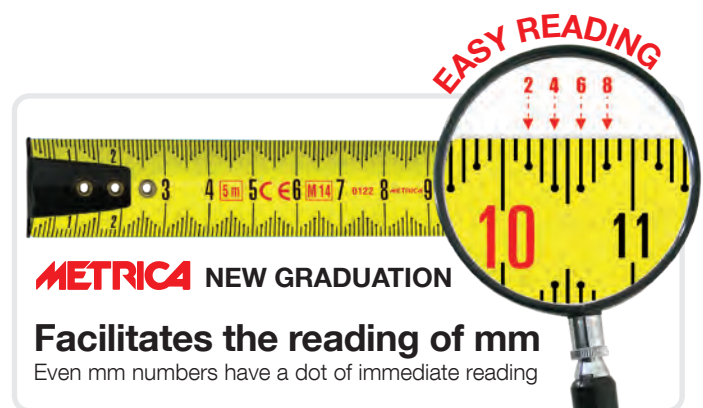
METRICA NEW GRADUATION



Code	L			B mm			€
08665	5 m	25 mm	mm	70	8001066086658	6	-

- **New original scale for easy reading (registered design)**
- **Wave shaped height of markings**
- Points every 2 mm to prevent misreading
- Graduation on both sides:
 - front side: tape with horizontal numbering
 - back side: tape with vertical numbering
- Chromed ABS case - shock resistant
- With clip

Not for sale in USA and JAPAN



METRICA DOUBLE

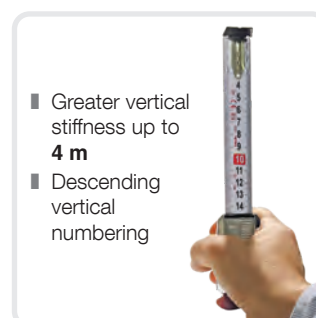


Code	L			B mm			€
38605	5 m	25 mm	mm	70	8001066386055	12	-

- **Graduation on both sides:**
 - front side: yellow tape with horizontal numbering
 - back side: white tape with vertical numbering
- **Improved graduation and numbering for a better visibility**
- Chromed ABS case - shock resistant
- Nylon coated tape anti-abrasion, anti-acid, mat antiglare surface
- With clip



B



CROMATO



B

Code	L			B mm			€
38433	3 m	19 mm	mm	61	8001066384334	12	-

- Improved graduation and numbering for a better visibility
- 19 mm tape resistant to flexion
- Chromed ABS case - shock resistant
- Automatic tape rewinding with bumper
- With clip



CROMATO



B

Code	L			B mm			€	Code			€
38396	3 m	25 mm	mm	70	8001066383962	6	-	08396	8001066083961	6	-
38397	5 m	25 mm	mm	70	8001066383979	6	-	08397	8001066083978	6	-
38399	8 m	25 mm	mm	81	8001066383993	6	-	08399	8001066083992	6	-
38398	10 m	25 mm	mm	84	8001066383986	6	-	08398	8001066083985	6	-

- Improved graduation and numbering for a better visibility
- High resistant enamelled tape
- Chromed ABS case - shock resistant
- Automatic tape rewinding with bumper
- With clip



METRICA NYLON COATED



B

Code	L			B mm			€	Code			€
38503	3 m	25 mm	mm	70	8001066385034	6	-	08503	8001066085033	6	-
38505	5 m	25 mm	mm	70	8001066385058	6	-	08505	8001066085057	6	-
38508	8 m	25 mm	mm	84	8001066385089	6	-	08508	8001066085088	6	-
38510	10 m	25 mm	mm	86	8001066385102	6	-	08510	8001066085101	6	-

- Improved graduation and numbering for a better visibility
- High flexural strength up to 3.5 m in vertical standing
- Chromed ABS case - shock resistant
- Nylon coated tape anti-abrasion, anti-acid, mat antiglare surface
- Automatic tape rewinding with bumper
- With clip





B

METRICA ONE



Code	L			B mm			€
38736	5 m	25 mm	mm	75	800106638736	1	-

EXTRA PRECISE

- Nylon coated tape long lasting, anti-abrasion, anti-acid, mat antiglare surface
- Chromed case with antislip rubber coating



TWO TIMES MORE PRECISE

TOLERANCE CE

CLASS



\pm mm

5 m

0.60



B

METRICA RUBBER TOUCH



Code	L			B mm			€
08793	3 m	16 mm	mm	60	8001066087938	12	-
08794	5 m	19 mm	mm	65	8001066087945	12	-
08795	5 m	25 mm	mm	65	8001066087952	6	-
08798	8 m	25 mm	mm	75	8001066087983	6	-
08800	10 m	25 mm	mm	85	8001066088003	6	-

- Improved graduation and numbering for a better visibility
- Exclusive end hook with wing shaped rubber for easy gripping (Patented)
- Nylon coated tape, long lasting, anti-abrasion, anti-acid, mat antiglare surface
- Bi-material case, rubber coated, antislip
- Positive lock, automatic rewinding with bumper
- With clip



SELF LOCKING

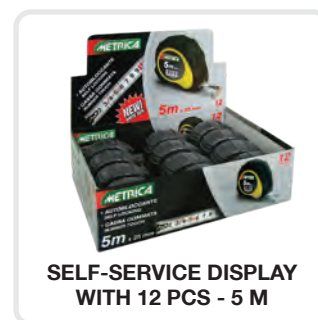


Code	L			B mm			€	Code			€
38593	3 m	16 mm	mm	73	8001066385935	12	–	08593	8001066085934	12	–
38595	5 m	19 mm	mm	83	8001066385959	12	–	08595	8001066085958	12	–
38596	5 m	25 mm	mm	83	8001066385966	12	–	08596	8001066085965	6	–
38598	8 m	25 mm	mm	95	8001066385980	12	–	08598	8001066085989	6	–
38599	10 m	25 mm	mm	104	8001066385997	12	–	08599	8001066085996	6	–

- **Self-locking tape**
- 1 release button
- **Giant numbering**
- White tape, red decimals
- Rubberized housing
- Ergonomic shape



B



SELF-SERVICE DISPLAY WITH 12 PCS - 5 M



METRICA RUBBER SELF LOCK



Code	L			B mm			€
08403	3 m	25 mm	mm	70	8001066084036	6	–
08405	5 m	25 mm	mm	70	8001066084050	6	–
08409	8 m	25 mm	mm	80	8001066084098	6	–

- **Self-locking tape**
- Automatic rewind button C
- **Rubber touch rubberized case**
- With hanging card



B



C

METRICA 3 STOP



Code	L			B mm			€	Code			€
38643H	3 m	16 mm	mm	68	8001066386437	12	–	08643H	8001066086436	12	–
38645H	5 m	19 mm	mm	78	8001066386451	12	–	08645H	8001066086450	12	–
38646H	5 m	25 mm	mm	78	8001066386468	6	–	08646H	8001066086467	6	–
38647H	6 m	25 mm	mm	83	8001066386475	6	–	08647H	8001066086474	6	–
38648H	8 m	25 mm	mm	83	8001066386482	6	–	08648H	8001066086481	6	–

Triple lock:

- permanent locking with central lever
- Side key and bottom key for immediate braking or locking of the belt

■ Housing coated with non-slip rubber

■ With clip



B



3 BUTTONS



Code	L			B mm			€	Code			€
38653	3 m	16 mm	mm	68	8001066386536	12	–	08653	8001066086535	12	–
38654	3 m	19 mm	mm	68	8001066386543	12	–	08654	8001066086542	12	–
38655	5 m	19 mm	mm	74	8001066386550	12	–	08655	8001066086559	12	–
38656	5 m	25 mm	mm	74	8001066386567	6	–	08656	8001066086566	6	–
38658	8 m	25 mm	mm	83	8001066386581	6	–	08658	8001066086580	6	–
38660	10 m	25 mm	mm	90	8001066386604	6	–	08660	8001066086603	6	–

Triple lock:

- permanent locking with central lever
- Side buttons for immediate braking or locking of the belt

■ Housing coated with non-slip rubber

■ With clip



B





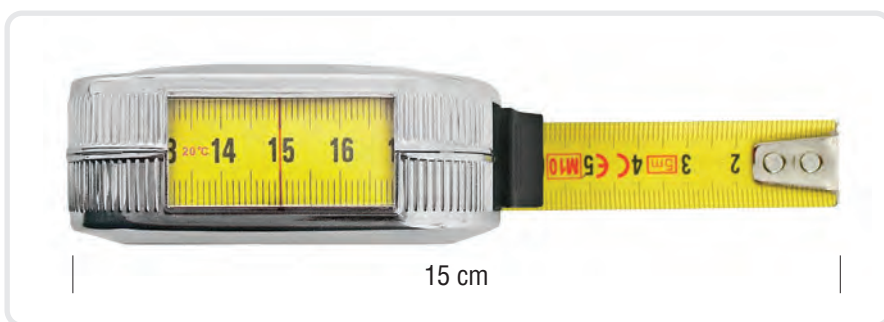
B

JUST-IN

CE II

Code	L			B mm			€	Code			€
38206	5 m	19 mm	mm	70	8001066382064	6	-	08206	8001066082063	6	-

- Window for direct reading of inside measurements
- Nylon coated tape: acid and oil resistant, mat antiglare surface
- Chromed case
- With clip



LOOK

CE II

Code	L			B mm			€	Code			€
38264	3 m	16 mm	mm	60	8001066382644	6	-	08264	8001066082643	6	-



B

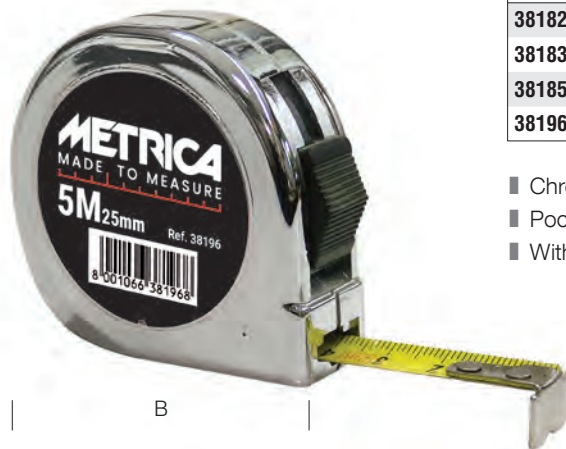
- Window for direct reading of inside measurements
- ABS case - impact resistant
- With clip



02

POCKET CHROMED

CE II



B

Code	L			B mm			€	Code			€
38182	2 m	13 mm	mm	60	8001066381821	12	–	08182	8001066081820	12	–
38183	3 m	16 mm	mm	60	8001066381838	12	–	08183	8001066081837	12	–
38185	5 m	19 mm	mm	68	8001066381852	12	–	08185	8001066081851	12	–
38196	5 m	25 mm	mm	68	8001066381968	6	–	08196	8001066081967	6	–

- Chromed case
- Pocket tape
- With clip

POCKET BLACK

CE II



B

Code	L			B mm			€	Code			€
38162	2 m	13 mm	mm	60	8001066381623	12	–	08162	8001066081622	12	–
38163	3 m	16 mm	mm	60	8001066381630	12	–	08163	8001066081639	12	–
38165	5 m	19 mm	mm	68	8001066381654	12	–	08165	8001066081653	12	–

- ABS ergonomic shape black case
- Locking and automatic rewinding of the tape
- With clip

POCKET YELLOW

CE II






















B

Code	L			B mm			€	Code			€
38362	2 m	13 mm	mm	60	8001066383627	12	–	08362	8001066083626	12	–
38363	3 m	16 mm	mm	60	8001066383634	12	–	08363	8001066083633	12	–
38365	5 m	19 mm	mm	68	8001066383658	12	–	08365	8001066083657	12	–
38496	5 m	25 mm	mm	68	8001066384969	6	–	08496	8001066084968	6	–
38497	8 m	25 mm	mm	80	8001066384976	6	–	08497	8001066084975	6	–

- ABS ergonomic shape yellow case
- Locking and automatic rewinding of the tape
- Enameled opaque antireflection tape
- With clip

TENDER COLOR

Code	L						€	Code			€
38912	2 m	13 mm	mm		8001066389124	12	-	08912	8001066089123	12	-
38913	3 m	13 mm	mm		8001066389131	12	-	08913	8001066089130	12	-
38915	5 m	19 mm	mm		8001066389155	12	-	08915	8001066089154	12	-
38922	2 m	13 mm	mm		8001066389223	12	-	08922	8001066089222	12	-
38923	3 m	13 mm	mm		8001066389230	12	-	08923	8001066089239	12	-
38925	5 m	19 mm	mm		8001066389254	12	-	08925	8001066089253	12	-
38932	2 m	13 mm	mm		8001066389322	12	-	08932	8001066089321	12	-
38933	3 m	13 mm	mm		8001066389339	12	-	08933	8001066089338	12	-
38935	5 m	19 mm	mm		8001066389353	12	-	08935	8001066089352	12	-
38892	2 m	13 mm	mm		8001066388929	12	-	08892	8001066088928	12	-
38893	3 m	13 mm	mm		8001066388936	12	-	08893	8001066088935	12	-
38895	5 m	19 mm	mm		8001066388950	12	-	08895	8001066088959	12	-

CE II





- ABS case - impact resistant
- Three bright colours and black
- With clip



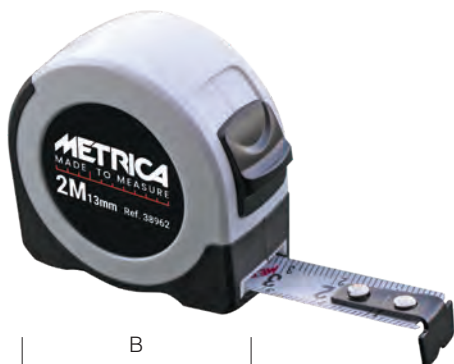
02

MINI WHITE

CE II

Code	L			B mm			€
38962	2 m	13 mm	mm	45	8001066389629	12	-

- Bimaterial housing with non-slip rubber part
- Nylon-coated tape, abrasion-resistant, acid-repellent, anti-reflective
- Auper compact
- Highly fluid tape
- Clear and visible numbering



B

TRANSPARENT

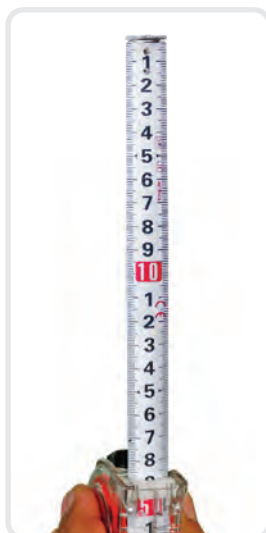
Code	L			B mm			€
38751	3 m	16 mm	mm	58	8001066387519	12	—
38761	3 m	16 mm	mm	58	8001066387618	12	—
38771	3 m	16 mm	mm	58	8001066387717	12	—
38754	5 m	19 mm	mm	67	8001066387540	12	—
38764	5 m	19 mm	mm	67	8001066387649	12	—
38774	5 m	19 mm	mm	67	8001066387748	12	—



- White tape
- Assorted colors
- **Double graduation (vertical + horizontal)**
- Giant number for easy reading
- Transparent case



B



SELF-SERVICE BOX OF 12 PIECES ASSORTED COLORS

Code		Pieces for box	L	€
89780	8001066897803	12	5 m	—

BOX 24



Code	L			B mm			€
38940	3 m	13 mm	mm	61	8001066389407	1	-

- Box containing 24 tapes in three assorted colors
- Pocket size, without clip



KEY RINGS

Code	L			B mm			€
38028	2 m	13 mm	mm	45	8001066380282	12	-
38029	2 m	13 mm	mm	45	8001066380299	12	-
38030	2 m	13 mm	mm	45	8001066380305	12	-

- Bi-material case with non-slip rubber part
- Anti-glare tape
- Super-compact
- High degree of tape fluidity
- Clear and visible numbering
- Chain with screw ring




KEY RINGS

Code	L			B mm			€
38031	2 m	13 mm	mm	45	8001066380312	12	-
38032	2 m	13 mm	mm	45	8001066380329	12	-
38033	2 m	13 mm	mm	45	8001066380336	12	-

- White tape
- Assorted colours
- **Double graduation (vertical + horizontal)**
- Giant numbering for easy reading
- Transparent case
- Chain with spring ring






NEW DISPLAY




Code	L x H		€
EXPO FLESS	21 x 51 cm	1	-



FLASH

Code			€	L	
98060	8001066980604	1	-	38973 - 3m x 16 mm	12
				38974 - 5m x 19 mm	12
				38975 - 5m x 25 mm	6
				38978 - 8m x 25 mm	6


TOTAL WHITE

Code			€	L	
98061	8001066980611	1	-	38320 - 3m x 16 mm	24
				38321 - 5m x 19 mm	24
				38322 - 5m x 25 mm	24
				38323 - 8m x 25 mm	6
























EXPO TOWER

Code	L x Ø		€
TOWER	160 x 32 cm	1	-

- Supplied without tape rules
- Free composition

	TAPE SIZES								TAPE					HOOK		CASE			HANDLE			
	10 mm 20 meters	10 mm 10 meters	15 mm 15 meters	20 mm 20 meters	25 mm 25 meters	30 mm 30 meters	50 mm 50 meters	100 mm 100 meters	STAINLESS STEEL	ENAMELLED STEEL	NYLON COATED	TEXTURED	WITH COUNTERWEIGHT	HOOK WITH SQUARE	METAL HOOK	MAGNET LOCK	ERGONOMIC SHAPE	ANTISLIP HANDLE	ALUMINIUM FRAME	METAL HANDLE	CRANK FOR LEFT-HANDERS	TAPE PULL-OUT WITH FIXED CRANK
STEEL TAPE																						
SUPER ACTION STEEL  page 114							●	●		●	●				●	●	●	●	●			●
SUPER ACTION PLUS TEXTURED  page 115								●		●		●		●	●	●	●	●	●			●
METRICA ACTION STEEL  page 116							●	●		●	●				●	●	●	●	●			●
ENAMELLED  page 117				●				●		●							●		●			●
NYLON COATED STEEL TAPE  page 117				●				●		●							●		●			●
STAINLESS STEEL TAPE METRIC PROBE  page 117			●	●	●	●	●		●				●				●		●			
NEW RUBBER TOUCH  page 118							●	●		●					●			●			●	
TENDERCOLOR  page 118							●	●		●					●			●				
OPEN STEEL  page 119				●			●			●	●			●			●					
METAL CASE  page 119				●						●	●			●						●		

FIBERGLASS TAPE

	TAPE SIZES												TAPE	HOOK	CASE	HANDLE							
	13 mm				16 mm				19 mm														
	20 meters	30 meters	50 meters	100 meters	10 meters	15 meters	20 meters	25 meters	30 meters	50 meters	30 meters	50 meters					50 WIRES TAPE	CE (II)	HOOK WITH SQUARE	METAL HOOK	MAGNET LOCK	ANTISLIP HANDLE	ERGONOMIC ALUMINIUM FRAME
SUPER ACTION FIBRA  page 120			●													●			●	●			●
METRICA QUICK RETURN  page 121		●	●													●			●		●		
METRICA QUICK RETURN 100 m  page 121				●												●			●		●		
METRICA FORTE  page 122											●	●	●	●	●	●	●	●			●		
METRICA OPEN  page 122	●																		●				
METAL CASE  page 123					●		●	●	●	●												●	
ABS CASE WITH HANDLE  page 123							●		●	●												●	
ROUND ABS CASE  page 124					●	●	●	●	●													●	
ABS CASE  page 124				●		●																●	

METRICA SUPER ACTION - STEEL

Code	L					€
39242V	50 m	13 mm	mm	8001066392421	1	-
39243V	100 m	13 mm	mm	8001066392438	1	-



- Exclusive patented ergonomic shape
- Does not tire your wrist during use and transport
- Exclusive extraction system of the tape with blocked crank
- Tape coated nylon against wear and corrosion
- Foldable hook
- Special rubberized handle with antislip coating



SUPER ACTION PLUS TEXTURED

Code	L					€
39244V	50 m	13 mm	mm	8001066392445	1	-



- Exclusive patented ergonomic shape
- Does not tire your wrist during use and transport
- Exclusive extraction system of the tape with blocked crank
- Nylon sheath very thick for very high protection of the tape
- Textured surface of the tape
- Duration against abrasion 10 times higher also around the edges
- Recliner bracket for coupling to the tape
- Metal hook
- Lock with magnetic hook
- Special rubberized handle with antislip coating



YouTube

02

ZOOM 10X





FINE TEXTURE FINISH

- Very high protection
- Duration to abrasion 10 times higher

NYLON TOTAL PROTECTION



METRICA ACTION - STEEL

Code	L					€
39238V	30 m	13 mm	mm	8001066392384	1	-
39270V	50 m	13 mm	mm	8001066392704	1	-



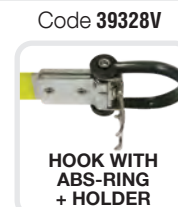
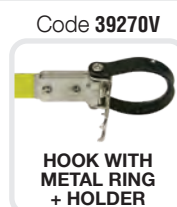
- Enamelled steel tape coated nylon against wear and corrosion
- **Exclusive going out system of the tape with motionless crank**
- Foldable square hook
- Cod. **39238V** e **39240V** hook with ABS-ring
- Special **rubberized handle** with **antislip** coating
- Cod. **39270V** hook with **metal ring** and magnet hook lock



YouTube



WHEN PULLING OUT THE TAPE, THE CRANK DOES NOT MOVE!



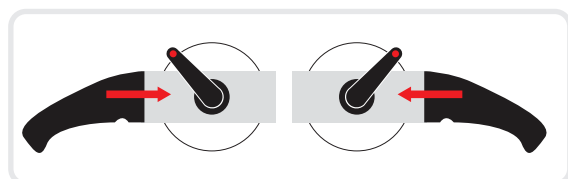


ENAMELLED STEEL TAPE



Code	L					€
39213V	20 m	13 mm	cm	8001066392131	1	–
39217V	50 m	13 mm	cm	8001066392179	1	–

- Crank mountable on both sides, also suitable for left-handers
- White enamelled steel tape
- Aluminium frame with ergonomic handle
- Case

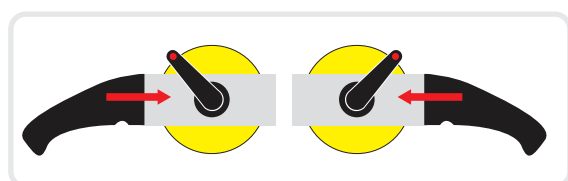


NYLON COATED STEEL TAPE



Code	L					€
39203V	20 m	13 mm	cm	8001066392032	1	–
39207V	50 m	13 mm	cm	8001066392070	1	–

- Crank mountable on both sides, also suitable for left-handers
- Yellow tape nylon coated anti-abrasion, anti-corrosion and anti-glare
- Aluminum frame with ergonomic handle
- Case



STAINLESS STEEL TAPE

Code	L					€
39272V	15 m	13 mm	cm/inch	8001066392728	1	–
39273V	20 m	13 mm	cm/inch	8001066392735	1	–
39274V	25 m	13 mm	cm/inch	8001066392742	1	–
39275V	30 m	13 mm	cm/inch	8001066392759	1	–
39277V	50 m	13 mm	cm/inch	8001066392773	1	–

- Metric probe with stainless steel tape
- Brass counterweight 700 g
- Aluminum frame with ergonomic handle
- Case



02



NEW RUBBER TOUCH



Code	L					€
39330	30 m	13 mm	mm	8001066393305	1	-
39350	50 m	13 mm	mm	8001066393503	1	-

- Rubber touch ABS-case
- Reduced dimensions and weight
- Stainless steel tape
- Nylon coated white tape anti-abrasion, anti-corrosion and anti-glare
- Metal hook
- Iron crank with 3X quick return system



TENDERCOLOR







Code	L					€
39261V	30 m	13 mm	mm	8001066392612	1	-
39262V	50 m	13 mm	mm	8001066392629	1	-

- Steel tape
- Tape with giant numbering
- ABS structure with ergonomic rubberized shock resistant handle
- Enamelled opaque tape
- Metal hook
- Steel tip







METRICA OPEN - STEEL  

Code	L					€
39223	20 m	13 mm	mm	8001066392230	1	-
39225	30 m	13 mm	mm	8001066392254	1	-

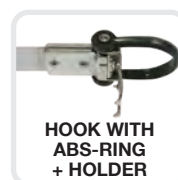
- **Exclusive ergonomic housing**
- Nylon tape coated anti-abrasion, anti-corrosion and anti-glare
- Foldable hook



METAL CASE  





Code	L					€
39192	20 m	13 mm	mm	8001066391929	1	-

- **Similar leather coated metal case**
- Nylon coated tape, acid resistant, permanent marking, mat antiglare surface
- Metal handle



02

METRICA SUPER ACTION FIBERGLASS

Code	L					€
40029V	50 m	13 mm	cm	8001066400294	1	-



- FIBERGLASS tape
- **Exclusive ergonomic shape (patented)**
- Does not tire your wrist during use and transport
- **Exclusive going out system of the tape with motionless crank**
- Square end hook, foldable
- Rubberized handle with non slip coating



 YouTube





METRICA QUICK-RETURN FIBERGLASS



Code	L					€
40023V	30 m	13 mm	cm	8001066400232	1	—
40025V	50 m	13 mm	cm	8001066400256	1	—

- Exclusive rewinding device METRICA **QUICK RETURN 3X** (3 times faster)
- Fiberglass tape with end **bumper**
- Easy rubberized grip, non-slip
- Open frame for easy cleaning of the tape



IN BAG



METRICA QUICK-RETURN 100 M - FIBERGLASS



Code	L					€
40027	100 m	13 mm	cm	8001066400270	1	—

- Exclusive rewinding device METRICA **QUICK RETURN 3X** (3 times faster)
- Fiberglass tape with end **bumper**
- Easy rubberized grip, non-slip
- Open frame for easy cleaning of the tape



02



METRICA FORTE

CE II

Code	L					€
40113	30 m	19 mm	cm	8001066401130	1	-
40115	50 m	19 mm	cm	8001066401154	1	-

- Twice as accurate: class II
- **50 wires tape**
- Giant tape width 19 mm
- Exclusive rewinding device METRICA **QUICK RETURN 3X** (3 times faster)
- Damper system of the tape at stroke end
- Rubber sides
- Handle with non-slip finned rubber
- Magnetic lock
- Metal hook

TWO TIMES MORE PRECISE

TOLERANCE CE

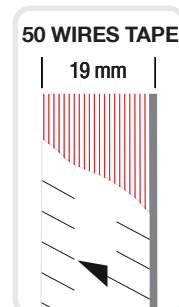
CLASS

II

± mm

50 m

10.30



METRICA OPEN FIBERGLASS

CE III

Code	L					€
40223	20 m	13 mm	cm	8001066402236	1	-

- Fiberglass tape
- Exclusive **ergonomic shape** for easy grip
- Shock resistant ABS case
- Open frame case for easy cleaning of the tape



Code 40033



Code 40143

METAL CASE



Code	L						€
40031	10 m	16 mm	cm	●	8001066400317	5	-
40033	20 m	16 mm	cm	●	8001066400331	5	-
40143	20 m	16 mm	cm	●	8001066401437	5	-
40034	25 m	16 mm	cm	●	8001066400348	1	-
40035	30 m	16 mm	cm	●	8001066400355	1	-
40037	50 m	16 mm	cm	●	8001066400379	1	-

- Fiberglass tape, **16 mm wide**
- **Similar leather coated metal case**
- Shock resistant
- Rewinding metal crank

ABS CASE WITH HANDLE



Code	L					€
40053	20 m	16 mm	cm	8001066400539	1	-
40055	30 m	16 mm	cm	8001066400553	1	-
40057	50 m	16 mm	cm	8001066400577	1	-

- FIBERGLASS tape, **16 mm wide**
- ABS Shock resistant case with handle
- Metal crank
- Open frame case for easy cleaning of the tape



ROUND - ABS CASE



Code	L					€
40011	10 m	16 mm	cm	8001066400119	5	-
40012	15 m	16 mm	cm	8001066400126	5	-
40013	20 m	16 mm	cm	8001066400133	5	-
40014	25 m	16 mm	cm	8001066400140	1	-
40015	30 m	16 mm	cm	8001066400157	1	-

- Fiberglass tape, **16 mm wide**
- ABS case with metal ring, washers shock resistant
- Rewinding metal crank

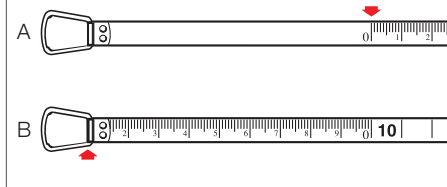
ABS CASE



Code	L					€
40016	10 m	16 mm	cm	8001066400164	5	-
40017	20 m	16 mm	cm	8001066400171	1	-

- Fiberglass tape, **16 mm wide**
- Shock resistant Abs case
- Rewinding metal crank

BEGINNING OF THE TAPE



TOLERANCES

When the beginning or the end is a surface and not a line of the graduation, the admitted error is increased (for each side):











Directive 2014/32/EU (MID)










CLASS I: ± 0,1 mm II: ± 0,2 mm III: ± 0,3 mm

CLASS	TOLERANCES									
	0,5 m	1 m	2 m	3 m	5 m	10 m	20 m	30 m	50 m	100 m
I ± mm	0.15	0.20	0.30	0.40	0.60	1.10	2.10	3.10	5.10	10.10
II ± mm	0.40	0.50	0.70	0.90	1.30	2.30	4.30	6.30	10.30	20.30
III ± mm	0.80	1.00	1.40	1.80	2.60	4.60	8.60	12.60	20.60	40.60



FIBERGLASS

THICKNESS 3,4 mm
NON-CONDUCTIVE
WASHABLE
ANTI-SCRATCH







	LENGTH					GRADUATION			SPRINGS			OTHER FEATURES					
	1 meter		2 meters		3 meters	MILLIMETERS	RED DECIMALS	EASY READING	90°-LOCKING	GRADUATION ON 1 ST FOLD	STEEL	BRASS	POCKET SIZE	DOUBLE GRADUATION ON 1 ST FOLD	MAGNETIC	EXTENSION ROD	ENDS WITH A HOOK
	5 FOLDS	6 FOLDS	10 FOLDS	10 FOLDS	15 FOLDS												
RED DECIMALS																	
 Code 18012 Code 08012				○		●	●		●		●						
page 128																	
2 METERS 1 METER																	
 Code 18010 Code 08010 Code 18020 Code 08020 Code 18030 Code 08030 Code 19010 Code 09010				○		●	●		●		●						
page 128	○					●	●		●		●						
NEW GRADUATION																	
 Code 18019				○		●	●	●	●		●						
page 129																	
JUST																	
 Code 18004 Code 08004				○		●	●		●		●			●			●
page 130																	
MAGNETIC FOLDS																	
 Code 18005 Code 08005				○		●	●		●		●			●			
page 130																	
FOR CARPENTERS																	
 Code 18012				○		●	●		●		●			●			
page 131																	
3 METERS																	
 Code 18070 Code 18080					○	●	●		●		●						
page 131																	
1 METER RED DECIMALS																	
 Code 19043 Code 09043				○		●	●		●		●			●			
page 132																	
1 METER																	
 Code 19040 Code 09040 Code 19050 Code 09050 Code 19060 Code 09060				○		●	●		●		●			●			
page 132																	
1 METER EXTENSION ROD																	
 Code 20136				○		●	●		●		●			●			●
page 132																	

	LENGTH					GRADUATION			SPRINGS			OTHER FEATURES						
	1 meter		2 meters		3 meters	MILLIMETERS	RED DECIMALS	EASY READING	90°-LOCKING	GRADUATION ON 1 ST FOLD	STEEL	BRASS	HIDDEN RIVETS	POCKET SIZE	HIGH FLEXIBILITY	HIGH RIGIDITY	COLORED ENDS	METAL ENDS
	5 FOLDS	6 FOLDS	10 FOLDS	10 FOLDS	15 FOLDS													
WOOD THICKNESS 3 mm																		
BOXWOOD TYPE SEMI-GIANT   Code 23080 Code 03080 Code 23093 Code 03093 Code 23090 Code 03090				●		●			●	●					●		●	
RED DECIMALS  Code 23160 Code 03160 Code 23130 Code 03130 Code 23140 Code 03140 Code 23150 Code 03150				●		●	●		●	●	●				●		●	
HIDDEN RIVETS  Code 23162				●		●				●	●	●			●		●	
3 METERS HIDDEN RIVETS  Code 23169 Code 03169					●	●				●	●	●			●		●	
BIRCH WOOD THICKNESS 2,4 mm  Code 23300				●		●	●			●	●	●		●			●	
BIRCH WOOD SEMI-GIANT  Code 23085H				●		●	●			●		●			●		●	
GRADUATED SPRINGS THICKNESS 2,8 mm  Code 23152 Code 23119 Code 23110 Code 23120 Code 23128 Code 23126 Code 23127				●		●			●	●	●					●	●	●
1 METER  Code 22040 Code 02040			●			●	●						●			●	●	

CE II
STAINLESS STEEL
ALUMINIUM
 THICKNESS 1,3 mm

	LENGTH					GRADUATION			SPRINGS			OTHER FEATURES				
	5 FOLDS	1 meter		2 meters		MILLIMETERS	INDELIBLE ANODIZATION	EASY READING	90° LOCKING	GRADUATION ON 1ST FOLD	STEEL	BRASS				
		6 FOLDS	10 FOLDS	10 FOLDS	15 FOLDS											
DURALUMINIUM INDELIBLE GRADUATION Code 20208  page 139	●			●		●	●				●					
Code 21236				●		●	●				●					
DURALUMINIUM INDELIBLE GRADUATION Code 20209  page 139	●					●	●				●					
Code 21235				●		●	●				●					

STAINLESS STEEL
ALUMINIUM
 THICKNESS 1,3 mm

	LENGTH					GRADUATION			SPRINGS			OTHER FEATURES					
	5 FOLDS	1 meter		2 meters		MILLIMETERS	INDELIBLE ANODIZATION	EASY READING	90° LOCKING	GRADUATION ON 1ST FOLD	STEEL	BRASS	POCKET TYPE				
		6 FOLDS	10 FOLDS	10 FOLDS	15 FOLDS												
DURALUMINIUM INDELIBLE GRADUATION Code 20106  page 138	●	●				●	●				●						
Code 20108	●					●	●				●						
Code 21036				●		●	●				●						
DURALUMINIUM INDELIBLE GRADUATION Code 20107  page 138	●	●				●	●				●						
Code 20109	●					●	●				●						
Code 21035				●		●	●				●						
DURALUMINIUM Code 20070  page 138	●	●				●	●				●						
Code 20110	●					●	●				●						
Code 21030				●		●	●				●						
1 METER STAINLESS STEEL  page 138				●		●							●				
Code 15030				●		●							●				
2 METERS STAINLESS STEEL  page 138				●		●											
Code 16010				●		●											
DURALUMINIUM NEW GRADUATION Code 20109_NG  page 139	●					●	●	●			●						
Code 21035_NG				●		●	●	●			●						

02



2 METERS - FIBERGLASS



Code	L						€	Code			€
18012	2 m	10	mm	○	8001066180127	12	-	08012	8001066080120	10	-

- Engraved graduation with red decimals
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces



2 METERS - 1 METER - FIBERGLASS

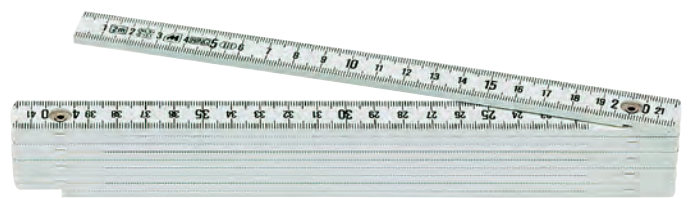


Code	L						€	Code			€
18010	2 m	10	mm	○	8001066180103	12	-	08010	8001066080106	10	-
18020	2 m	10	mm	●	8001066180202	12	-	08020	8001066080205	10	-
18030	2 m	10	mm	●	8001066180301	12	-	08030	8001066080304	10	-
19010	1 m	5	mm	○	8001066190102	12	-	09010	8001066090105	10	-

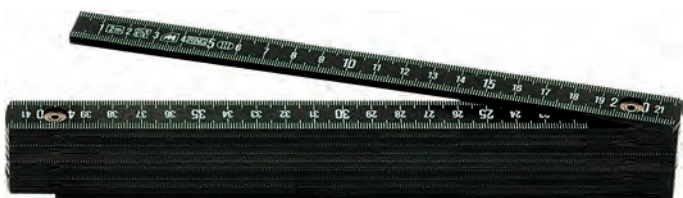
- Engraved graduation
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces



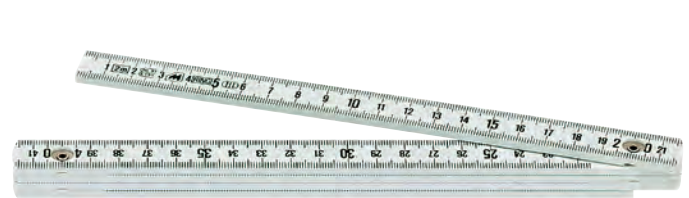
Code 18020



Code 18010




Code 18030



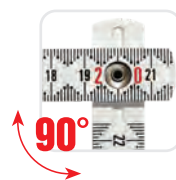
Code 19010

2 METERS - FIBERGLASS - NEW GRADUATION

Code	L					€
18019	2 m	10	mm	8001066180196	12	-



- Graduation of mm with lines of variable lengths - **registered design**
- Wave shaped height of markings
- Points every 2 mm to prevent misreading
- Engraved graduation
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces



EASY READING

METRICA NEW GRADUATION

Facilitates the reading of mm
Even numbers have a point for immediate recognition

 **YouTube**

02



JUST - THE FOLDING RULE WITH A HOOK



Code	L					€	Code			€
18004	2 m	10	mm		8001066180042	12	08004	8001066080045	10	-

- Fiberglass folding rule with exclusive end hook (patented) for inside and outside measurement
- The numbering of the graduation starts on both faces (front-back) of the fold with hook
- Red decimals
- First fold always sticking to the surface
- Ideal to measure alone or in hardly accessible positions

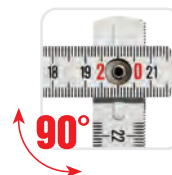


2 METERS - FIBERGLASS MAGNETIC FOLDS



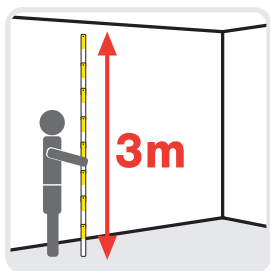
Code	L					€	Code			€
18005	2 m	10	mm		8001066180059	12	08005	8001066080052	10	-

- Fiberglass folding rule, magnets on folds for sticking to metal
- Engraved graduation with red decimals
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces



HANDS-FREE WORK!





3 METERS - FIBERGLASS



Code	L					€
18070	3 m	15	mm	○	8001066180707	10
18080	3 m	15	mm	●	8001066180806	10

- Length 3 m
- Engraved graduation
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces



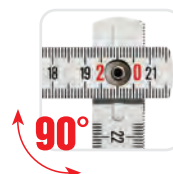
CARPENTER
RULE

2 METERS - FIBERGLASS FOR CARPENTERS

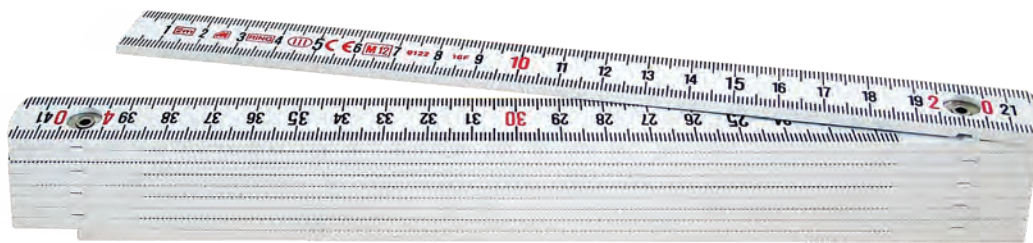


Code	L					€
18006	2 m	10	mm	○	8001066180066	12

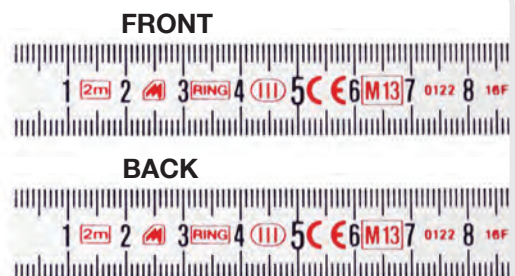
- Length 2 m
- Numbering starts on the first fold on both sides
- Red decimals
- Joints with double spring anti-wear and snap at 90°
- Non-conductive, washable, does not scratch the surface
- Easy use on a plane surface



STANDARD
RULE



NUMBERING STARTS
ON THE FIRST FOLD
ON BOTH SIDES



1 METER - FIBERGLASS

Code	L						€	Code			€
19043	1 m	10	mm	○	8001066190430	12	-	09043	8001066090433	10	-



- Pocket size
- Engraved graduation with red decimals
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces

1 METER - FIBERGLASS - POCKET SIZE

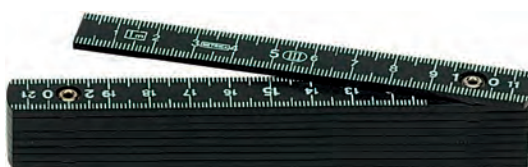
Code	L						€	Code			€
19040	1 m	10	mm	○	8001066190409	12	-	09040	8001066090402	10	-
19050	1 m	10	mm	●	8001066190508	12	-	09050	8001066090501	10	-
19060	1 m	10	mm	●	8001066190607	12	-	09060	8001066090600	10	-



Code 19040



Code 19050



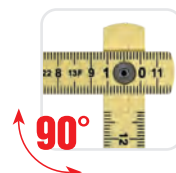
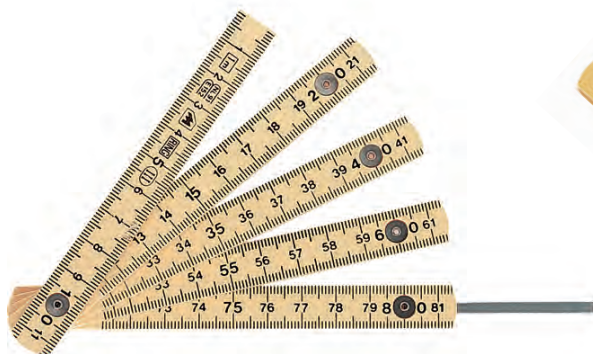
Code 19060



- Pocket size
- Engraved graduation
- Anti-wear double spring joints, stop at 90°
- Non-conductive, washable, does not scratch surfaces

1 METER - FIBERGLASS WITH EXTENSION ROD

Code	L						€
20136	1 m	10	mm	●	8001066201365	10	-



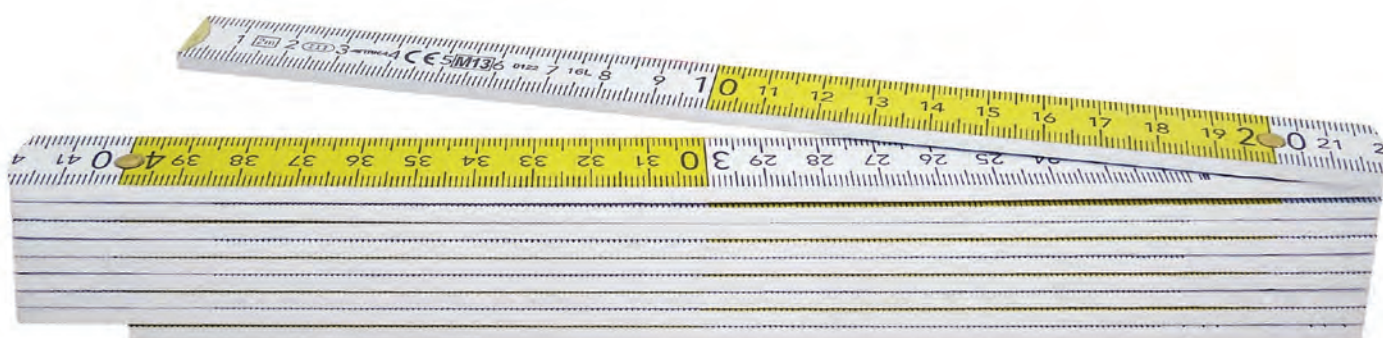
- Extensible rod with lock for comparisons
- Graduation engraved on one side only
- Anti-wear double spring joints, stop at 90°

2 METERS - BOXWOOD TYPE, SEMI-GIANT THICKNESS 3 mm - HIDDEN RIVETS



Code	L					€	Code			€
23080	2 m	10	mm		8001066230808	12	03080	8001066030804	10	-
23093	2 m	10	mm		8001066230938	12	03093	8001066030934	10	-
23090	2 m	10	mm		8001066230907	12	03090	8001066030903	10	-

- Boxwood type semi-giant
- Hardened steel inside springs with stop at 90°
- Double graduation
- 3 mm thick
- Stands up to 2 m horizontally and vertically



Code **23080**



Code **23093**



Code **23090**



50 PIECES SELF-SERVICE BOX

Code		Pcs x Code	L	€
89090	8001066890903	50 x 23080	2 m	-
89091	8001066890910	50 x 23090	2 m	-

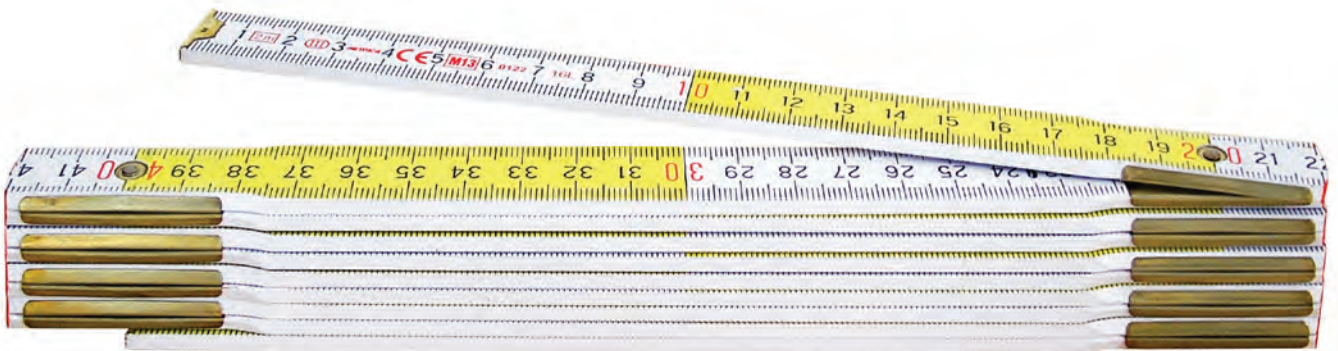
02

2 METERS - WOOD - THICKNESS 3 mm

Code	L				Barcode		€	Code	Barcode		€
23160	2 m	10	mm		8001066231607	10	-	03160	8001066031603	10	-
23130	2 m	10	mm		8001066231300	10	-	03130	8001066031306	10	-
23140	2 m	10	mm		8001066231409	10	-	03140	8001066031405	10	-
23150	2 m	10	mm		8001066231504	10	-	03150	8001066031504	10	-



- Professional high resistance - long lasting model
- Multiple lacquering
- Double scale with red decimals
- Brass plated strong springs
- Red ends
- Thickness 3 mm
- Stands up to 2 m horizontally and vertically



Code **23160**



Code **23130**



Code **23140**



Code **23150**



50 PIECES SELF-SERVICE BOX

Code	Barcode	Pcs x Code	L	€
89086	8001066890866	50 x 23160	2 m	-
89092	8001066890927	50 x 23130	2 m	-

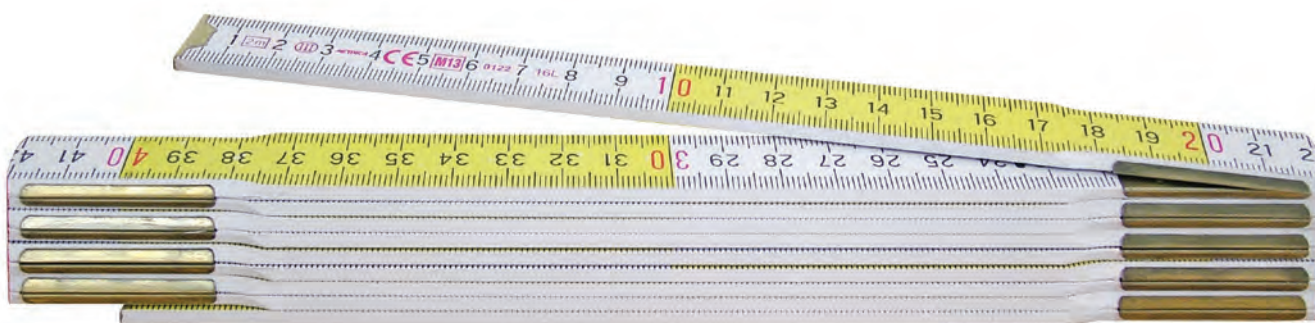


2 METERS - WOODEN RULE



Code	L					€
23162	2 m	10	mm		8001066231621 10	-

- Professional rule
- Hidden rivets
- White/yellow enamelled
- Brass-plated springs
- Double scale with red decimals
- Thickness 3 mm
- Stands up to 2 m horizontally and vertically

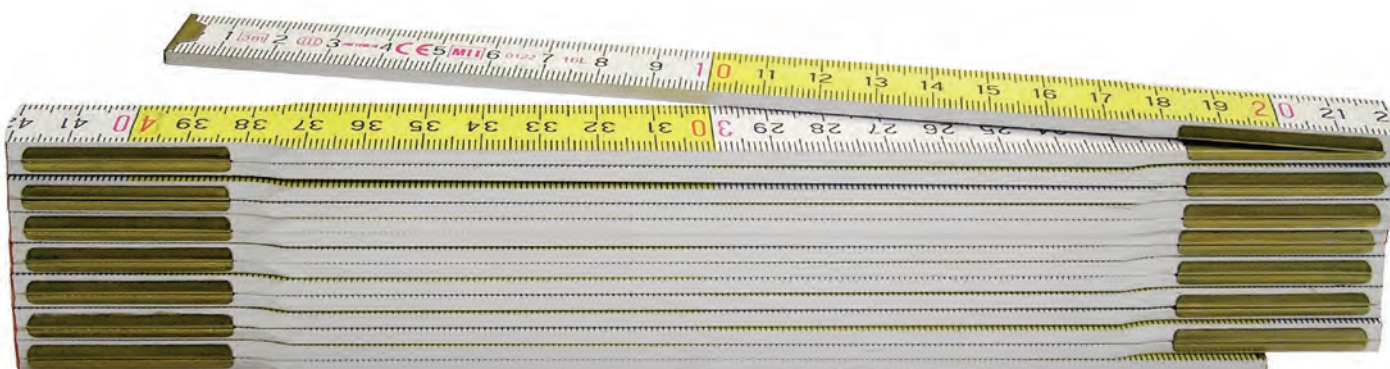
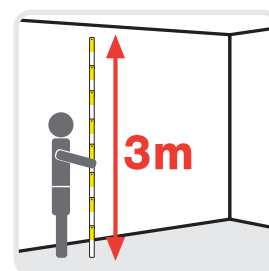


3 METERS - SEMI-GIANT THICKNESS 3 MM - HIDDEN RIVETS



Code	L					€	Code			€
23169	3 m	15	mm		8001066231690 10	-	03169	8001066031696	10	-

- Professional rule
- White/yellow enamelled
- Hidden rivets, brass-plated springs
- Double graduation with red decimals
- Thickness 3 mm
- Stands up to 3 m vertically



02

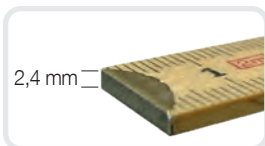
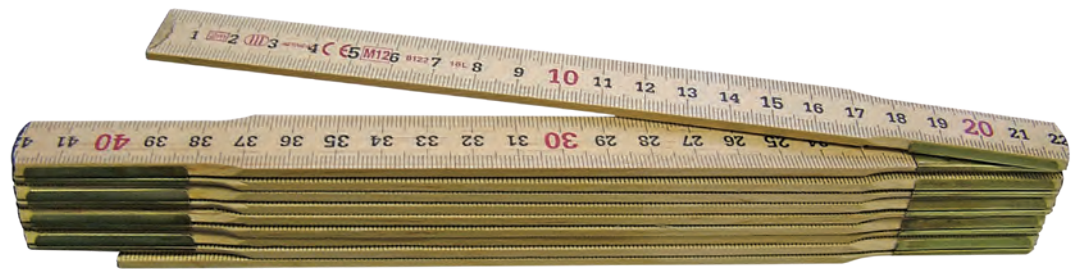


2 METERS - BIRCH WOOD - THICKNESS 2.4 mm



Code	L						€
23300	2 m	10	mm		8001066233007	10	—

- Flexible birch wood
- Hidden rivets
- Wear resistant treated spring
- Thickness 2,4 mm
- Stiff over the entire length (side holding)

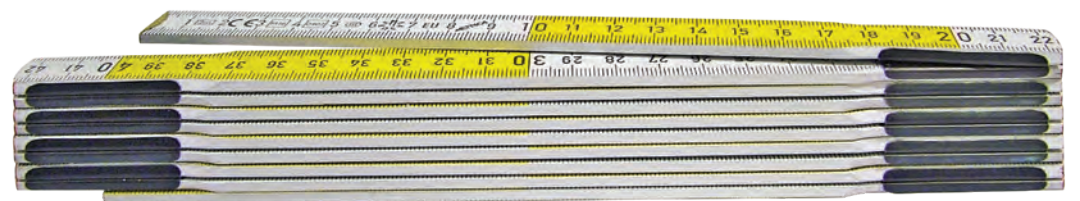


2 METERS - BIRCH WOOD SEMI-GIANT



Code	L						€
23085H	2 m	10	mm		8001066230853	10	—

- Flexible birch wood, professional model
- Hidden rivets
- White/yellow enamelled
- Treated anti-wear springs
- Double graduation with black decimals
- Thickness 3 mm
- Stands up to 2 m horizontally and vertically



2 METERS - WOOD

RED DECIMALS



BLACK DECIMALS



Code	L						€
23152	2 m	10	mm		8001066231522	10	-
23119	2 m	10	mm		8001066231195	10	-
23110	2 m	10	mm		8001066231102	10	-
23120	2 m	10	mm		8001066231201	10	-
23128	2 m	10	mm		8001066231287	10	-
23126	2 m	10	mm		8001066231263	10	-
23127	2 m	10	mm		8001066231270	10	-

- Rustproof springs
- Red ends
- Graduated springs for angles on the first fold
- Thickness: 2.8 mm



Code 23152 - Code 23127



Code 23120



Code 23119

Code 23119 - Code 23128



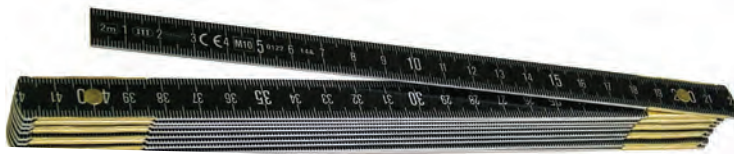
Code 23110 - Code 23126

1 METER - POCKET SIZE WOODEN RULE

Code	L						€	Code			€
22040	1 m	10	mm		8001066220403	10	-	02040	8001066020409	10	-

- Springless
- Double graduation
- Red decimals
- Red ends





Code **21036**



Code **20108**

1 METER - 2 METERS DURALUMINIUM



Code	L					€
20106	1 m	6	mm	8001066201068	12	-
20108	1 m	5	mm	8001066201082	12	-
21036	2 m	10	mm	8001066210367	12	-

- Black hard aluminium folding rule
- Indelible anodized graduation
- Brass treated springs



Code **20109** - Code **20110**



Code **21035** - Code **21030**

1 METER - 2 METERS DURALUMINIUM



Code	L					€
20107	1 m	6	mm	8001066201075	12	-
20109	1 m	5	mm	8001066201099	12	-
21035	2 m	10	mm	8001066210350	12	-

- Indelible anodized graduation
- Hard aluminium folding rule
- Brass treated springs

Code	L					€
20070	1 m	6	mm	8001066200702	12	-
20110	1 m	5	mm	8001066201105	12	-
21030	2 m	10	mm	8001066210305	12	-

- Hard aluminium folding rule
- Brass treated springs



Code **15030**



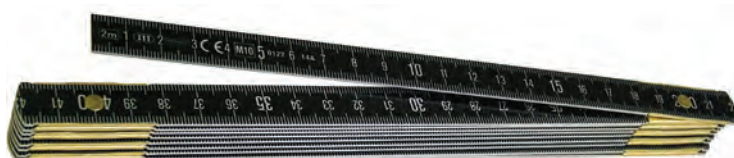
Code **16010**

1 METER - 2 METERS STAINLESS STEEL



Code	L		A x B mm				€
15030	1 m	10	12 x 0,5	mm	8001066150304	6	-
16010	2 m	10	14 x 0,6	mm	8001066160105	6	-

- Stainless steel folding rule
- Black engraved graduation



Code **21236**



Code **20208**

1 METER - 2 METERS DURALUMINIUM



Code	L					€
20208	1 m	5	mm	8001066202089	12	-
21236	2 m	10	mm	8001066212361	12	-

- **Class II: twice as accurate**
- Black hard aluminium folding rule
- **Indelible anodized graduation**
- Brass treated springs



Code **20209**



Code **21235**

1 METER - 2 METERS DURALUMINIUM



Code	L					€
20209	1 m	5	mm	8001066202096	12	-
21235	2 m	10	mm	8001066212354	12	-

- **Class II: twice as accurate**
- **Indelible anodized scale**
- Hard aluminium folding rule
- Brass treated springs



Code **20109_NG**



Code **21035_NG**

1 METER - 2 METER NEW GRADUATION





Code	L					€
20109_NG	1 m	5	mm	8001066201099	12	-
21035_NG	2 m	10	mm	8001066210350	12	-

- **Graduation of mm with lines of variable lengths - registered design**
- Wave shaped height of markings
- Points every 2 mm to prevent misreading
- **Indelible anodized scale**
- Hard aluminium folding rule
- Brass treated springs



BEECHWOOD ROD RULE

Code	L	A x B mm	mm			€	
22071	1 m	25 x 20	cm		 8001066220717	1	-



- Beechwood rod rule
- Graduation in cm
- Metal tips



TAILOR'S TAPE RULE

Code	L	mm	mm			€	
22091	1,5 m	20 mm	cm		 8001066220915	12	-



- Plastified fiberglass tape
- Front/back graduation
- Stiff tip

TAILOR'S TAPE RULE

Code	L	mm	mm			€	
22110	1,5 m	10 mm	mm		 8001066221103	12	-



- ABS case shock resistant
- Fiberglass tape
- Front/back graduation
- With lock and automatic rewinding of the tape

FINGERSAFE

Code			€
69997	8001066699971	12	-

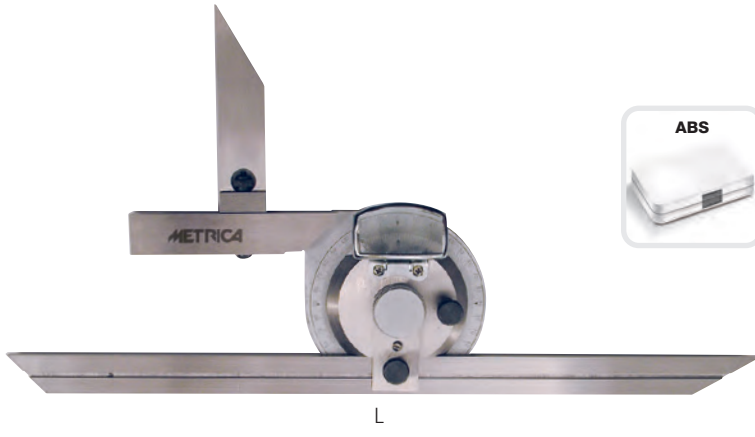
■ Magnetic nail holder Fingersafe for small and large nails

- Thanks to its double magnet the nails are always held perpendicular to the wall. You will not injure your fingers any more
- Double magnet to retain the nail in any position
- Supplied in blister with 20 nails



MAGNETIC

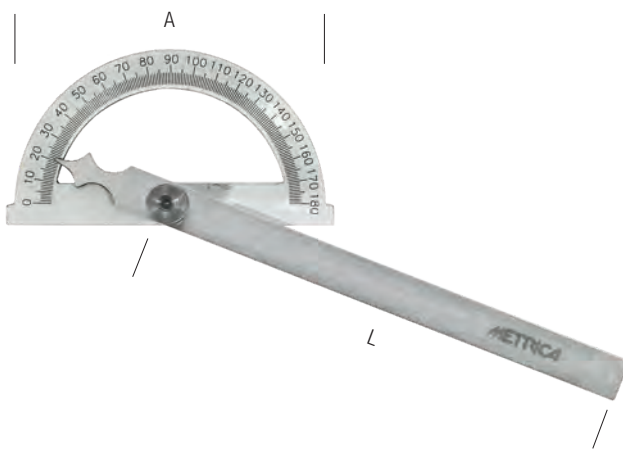




UNIVERSAL BEVEL PROTRACTOR

Code	L mm			€
36030	200 - 300	8001066360307	1	-

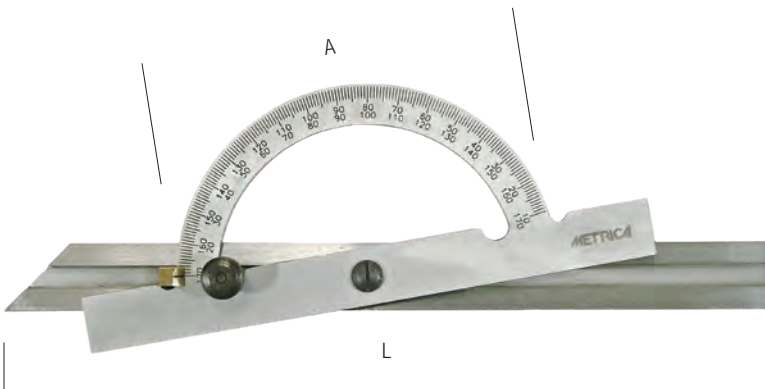
- Stainless steel
- Chromium plated scale
- Direct reading 5' magnifying lens
- Movable square for little angles
- Supplied with 200 mm and 300 mm rules
- ABS case



PROTRACTOR

Code	A mm	L mm			€
36511	∅ 80	120	8001066365111	1	-
36512	∅ 120	150	8001066365128	1	-
36513	∅ 150	200	8001066365135	1	-
36514	∅ 200	250	8001066365142	1	-

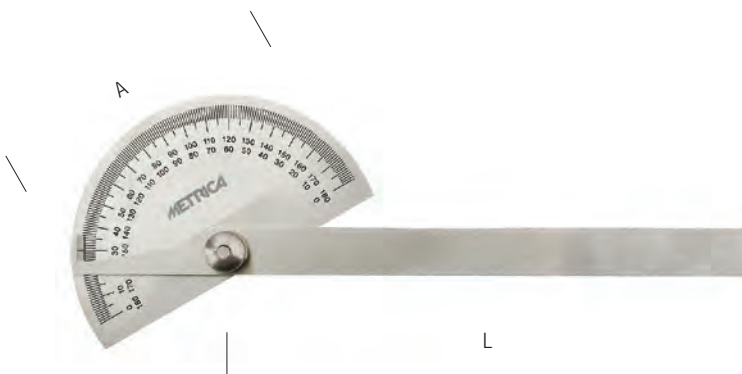
- Steel with screw locking
- Capacity 0-180°
- Polished scale
- Reading 1°



PROTRACTOR

Code	A mm	L mm			€
36540	∅ 120	240	8001066365401	1	-
36541	∅ 150	300	8001066365418	1	-
36542	∅ 200	400	8001066365425	1	-
36543	∅ 250	500	8001066365432	1	-

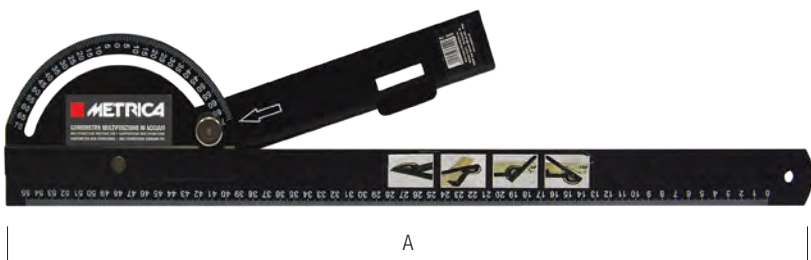
- Stainless Steel
- Capacity 0-170°
- Sliding rod with locking
- Polished scale
- Reading 1°



STAINLESS STEEL PROTRACTOR

Code	A mm	L mm			€
36500	∅ 90	150	8001066365005	1	-

- Stainless steel
- With screw locking
- Capacity 0-180°
- Polished scale
- Reading 1°

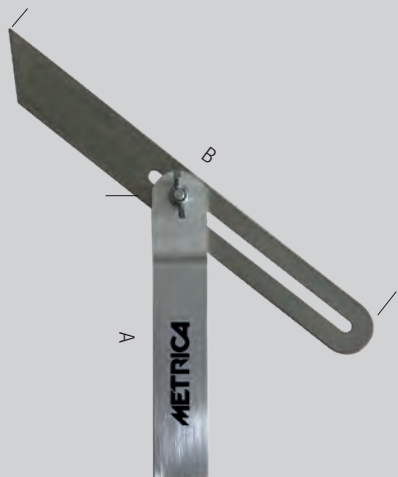


"4 IN 1" MULTIFUNCTION PROTRACTOR

Code	∅	A			€
36550	240 mm	500 mm	8001066365500	5	–

- Multifunction steel protractor
- Useful for cutting, circles making or calibrating distances

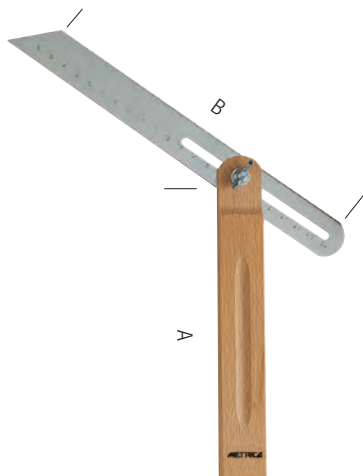
ADJUSTABLE SQUARE



Code	A	B			€	Code			€
69665	150 mm	250 mm	8001066696659	5	–	09665	8001066096657	5	–

- Graduated sliding steel blade
- Die-cast aluminium base

ADJUSTABLE SQUARE



Code	A	B			€	Code			€
69650	150 mm	250 mm	8001066696505	5	–	09650	8001066096503	5	–

- Graduated sliding steel blade
- 240 mm scale
- Wooden base and wing nut locking

ADJUSTABLE SQUARE



Code	A	B			€
09662	150 mm	250 mm	8001066096626	5	–

- Graduated sliding steel blade
- 240 mm scale
- ABS base and wing nut locking



02



PROFESSIONAL CARPENTER SQUARE

Code	L			€
29232	200 mm	8001066292325	5	—
29233	250 mm	8001066292332	5	—
29234	300 mm	8001066292349	5	—
29235	350 mm	8001066292356	5	—
29236	400 mm	8001066292363	5	—
29237	500 mm	8001066292370	5	—

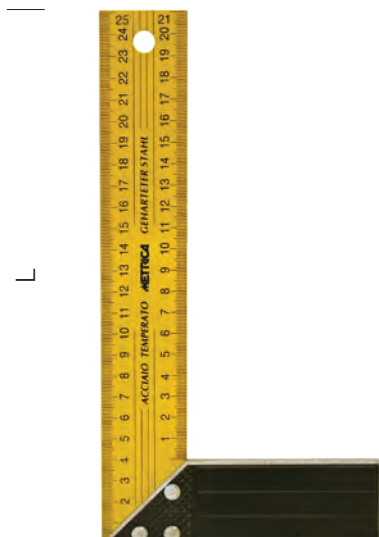
- Hardened steel yellow blade with scale
- Black anodized aluminium base (extruded)



PROFESSIONAL CARPENTER SQUARE

Code	L			€
29252	200 mm	8001066292523	5	—
29253	250 mm	8001066292530	5	—
29254	300 mm	8001066292547	5	—
29255	350 mm	8001066292554	5	—
29256	400 mm	8001066292561	5	—
29257	500 mm	8001066292578	5	—

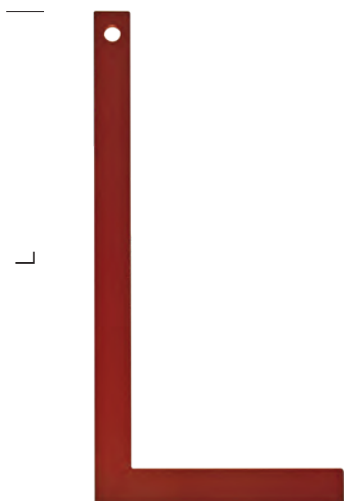
- Hardened steel white blade with scale
- Black anodized aluminium base (extruded)



CARPENTER SQUARE

Code	L			€	Code			€
29240	150 mm	8001066292400	5	—	06240	8001066062409	5	—
29241	200 mm	8001066292417	5	—	06241	8001066062416	5	—
29242	250 mm	8001066292424	5	—	09242	8001066092420	5	—
29243	300 mm	8001066292431	5	—	09243	8001066092437	5	—
29244	350 mm	8001066292448	5	—	09244	8001066092444	5	—
29245	400 mm	8001066292455	5	—	09245	8001066092451	5	—
29247	500 mm	8001066292479	5	—	09247	8001066092475	5	—

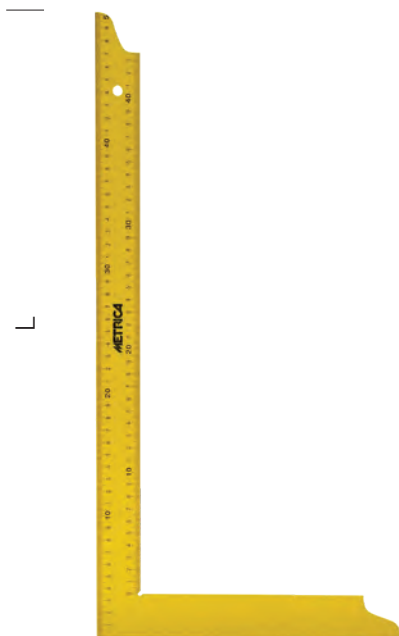
- Hardened steel blade
- Melted aluminium base



STIFF SQUARE

Code	L			€
29354	400 mm	8001066293544	5	–
29355	500 mm	8001066293551	5	–
29356	600 mm	8001066293568	5	–
29357	700 mm	8001066293575	5	–
29358	800 mm	8001066293582	5	–
29359	1000 mm	8001066293599	5	–

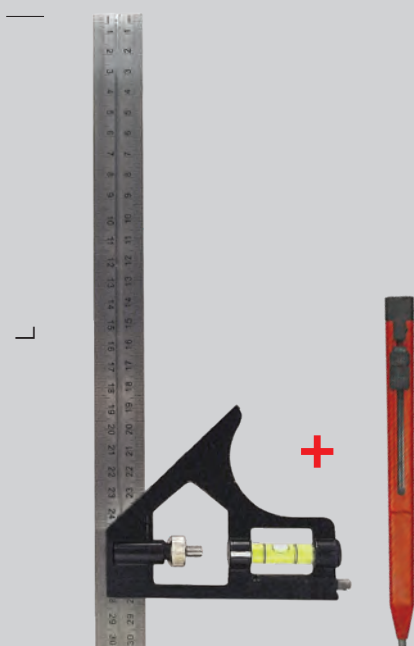
- Stiff square
- Painted steel



FLEXIBLE SQUARE

Code	L			€
29301	500 mm	8001066293018	5	–
29302	600 mm	8001066293025	5	–
29303	700 mm	8001066293032	5	–
29304	800 mm	8001066293049	5	–
29305	1000 mm	8001066293056	5	–

- Flexible hardened steel

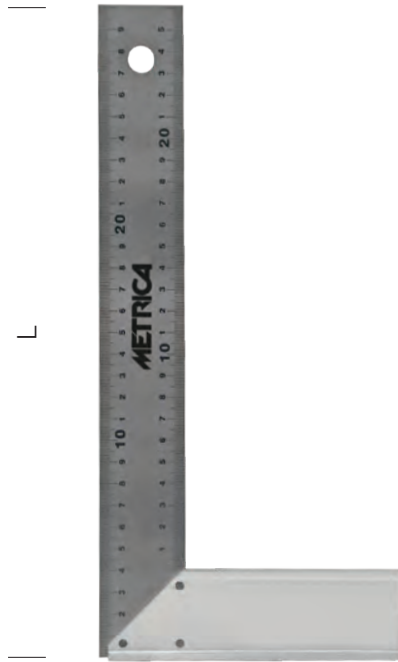


COMBINATION SQUARE

Code	L			€
29502	300 mm	8001066295029	5	–

- Graduated chromed steel sliding blade
- Aluminium base including vial and **scriber**
- Delivered in blister with carpenter **pencil 18 cm**

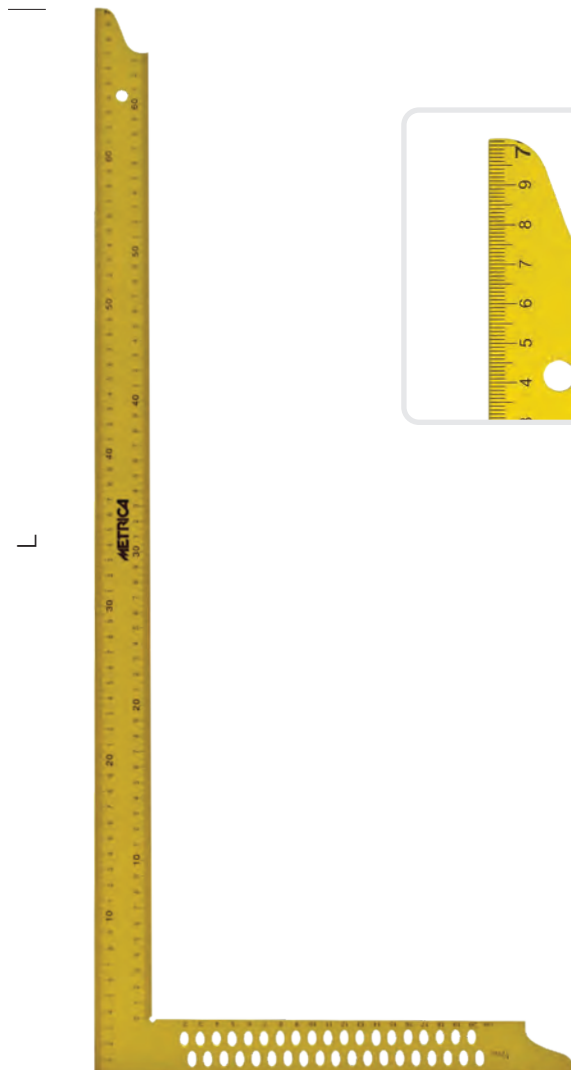




CARPENTER SQUARE

Code	L			€
29219	250 mm	8001066292196	1	-
29220	300 mm	8001066292202	1	-
29221	400 mm	8001066292219	1	-
29222	500 mm	8001066292226	1	-

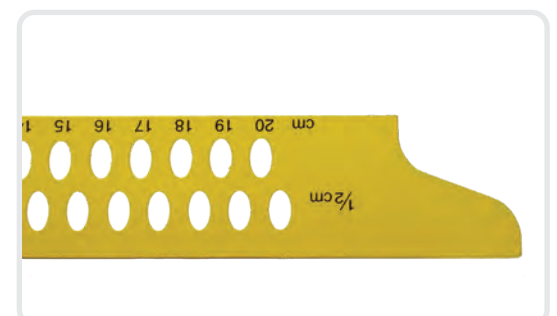
- **Hardened stainless steel blade**
- Anodized extruded aluminium base
- Engraved graduation























CARPENTER SQUARE














Code	L			€
29320	700 mm	8001066293209	1	-
29321	800 mm	8001066293216	1	-
29322	900 mm	8001066293223	1	-
29323	1000 mm	8001066293230	1	-

- Hardened steel, flexible
- **Base with holes every 0,5 cm**



		LENGTH (cm)											ACCURACY mm/m	NUMBER OF VIALS	MATERIAL			BASE		END CAP						
		< 25 cm	25 cm	30 cm	40 cm	50 cm	60 cm	80 cm	100 cm	120 cm	150 cm	180 cm			200 cm	ALUMINIUM	PLASTIC	ACRYLIC	PRISMATIC	GRADUATED	MAGNETIC	ANTI-SHOCK RUBBER	PLASTIC			
 Code 32754 Code 32755 Code 32756 Code 32758 page 150					●	●		●	●					0,5 mm/m	2	●			●						●	
 Code 32937 Code 32939 Code 32941 page 150				●				●	●					0,5 mm/m	2	●										●
 Code 32834 Code 32835 Code 32836 Code 32838 Code 32840 Code 32842 Code 32837 Code 32839 Code 32841 page 151				●	●		●	●						0,5 mm/m	2	●										●
 Code 32224 Code 32225 Code 32226 Code 32228 Code 32230 Code 32232 Code 32365 Code 32368 Code 32370 page 151				●	●		●	●						0,5 mm/m	2	●			●							●
 Code 33130 Code 33134 Code 33135 Code 33136 Code 33138 Code 33140 Code 33141 Code 33142 Code 33145 Code 33150 page 152			●	●	●		●	●						0,5 mm/m	2	●										●
 Code 33304 Code 33305 Code 33306 Code 33308 Code 33310 Code 33312 Code 33315 Code 33318 Code 33320 page 152				●	●		●	●						0,5 mm/m	3	●										●
 Code 33164 Code 33165 Code 33166 Code 33168 Code 33170 Code 33172 page 153				●	●		●	●						0,5 mm/m	2	●										●
 Code 33175 Code 33178 Code 33180 page 153														0,5 mm/m	2	●										●
 Code 33194 Code 33195 Code 33196 Code 33198 Code 33200 Code 33202 page 153				●	●		●	●						0,5 mm/m	3	●										●
 Code 33205 Code 33208 Code 33210 page 153														0,5 mm/m	3	●										●

		LENGTH (cm)										ACCURACY mm/m	NUMBER OF VIALS	MATERIAL			BASE		END CAP				
		< 25 cm	25 cm	30 cm	40 cm	50 cm	60 cm	80 cm	100 cm	120 cm	150 cm			180 cm	200 cm	ALUMINIUM	PLASTIC	ACRYLIC	PRISMATIC	GRADUATED	MAGNETIC	ANTI-SHOCK RUBBER	PLASTIC
METRICA FLASH XL  page 153	Code 33185					●								0,5 mm/m	2	●						●	
	Code 33186						●																
	Code 33182							●															
	Code 33183								●														
	Code 33212									●													
Code 33215 Code 33218 Code 33220										●				0,5 mm/m	3	●						●	
											●												
												●											
 page 154	Code 32704				●									0,5 mm/m	2	●			●				●
	Code 32705					●																	
	Code 32706						●																
	Code 32708							●															
	Code 32710								●														
 page 154	Code 32734				●									0,5 mm/m	3	●			●				●
	Code 32735					●																	
	Code 32736						●																
	Code 32738							●															
	Code 32740								●														
 page 155	Code 32804				●									0,5 mm/m	2	●						●	
	Code 32805					●																	
	Code 32806						●																
	Code 32808							●															
	Code 32810								●														
 page 155	Code 32844				●									0,5 mm/m	3	●						●	
	Code 32845					●																	
	Code 32846						●																
	Code 32848							●															
	Code 32850								●														
	Code 32852									●													
	Code 32855										●												
	Code 32858											●											
Code 32860												●											
megalevel  page 156	Code 32293		●											0,5 mm/m	2	●						●	
	Code 32294			●																			
	Code 32295				●																		
	Code 32296					●																	
	Code 32298						●																
	Code 32300							●															
	Code 32302								●														
	Code 32290									●													
Code 32291										●													
Code 32292											●												
megalevel  page 156	Code 32304				●									0,5 mm/m	3	●						●	
	Code 32305					●																	
	Code 32306						●																
	Code 32308							●															
	Code 32310								●														
DIE CAST ALUMINUM LEVEL  page 157	Code 31084			●										0,5 mm/m	2	●							
	Code 31085				●																		
	Code 31086					●																	
	Code 31088						●																
	Code 31090							●															
DIE CAST ALUMINUM LEVEL  page 157	Code 31094			●										0,5 mm/m	2	●					●		
	Code 31095				●																		
	Code 31096					●																	
	Code 31098						●																
DIE CAST LEVEL  page 158	Code 31072	●												0,5 mm/m	2	●							
	Code 31073		●																				
	Code 31074			●																			
	Code 31075				●																		
	Code 31076					●																	
	Code 31078						●																
Code 31080							●																

		LENGTH (cm)											ACCURACY mm/m	NUMBER OF VIALS	MATERIAL			BASE		END CAP			
		< 25 cm	25 cm	30 cm	40 cm	50 cm	60 cm	80 cm	100 cm	120 cm	150 cm	180 cm			200 cm	ALUMINIUM	PLASTIC	ACRYLIC	PRISMATIC	GRADUATED	MAGNETIC	ANTI-SHOCK RUBBER	PLASTIC
DIE CAST LEVEL  page 158	Code 31062	●																					
	Code 31063		●																				
	Code 31064			●																			
	Code 31065				●																		
	Code 31066					●																	
GRADUATED LEVEL  page 158	Code 32163		●																				
	Code 32164			●																			
	Code 32165				●																		
	Code 32166					●																	
	Code 32168 Code 32170						●																●
GRADUATED LEVEL  page 158	Code 32204			●																			
	Code 32205				●																		
	Code 32206					●																	
	Code 32208						●																
	Code 32210							●															
GRADUATED LEVEL  page 159	Code 32543		●																				
	Code 32544			●																			
	Code 32545				●																		
	Code 32546					●																	
	Code 32548						●																
	Code 32550							●															
	Code 32551								●														
	Code 32552									●													
	Code 32553 Code 32554										●												
GRADUATED LEVEL  page 159	Code 32563		●																				
	Code 32564			●																			
	Code 32565				●																		
	Code 32566					●																	
	Code 32568 Code 32570						●																
GRADUATED LEVEL WITH MAGNETIC BASE  page 159	Code 32214x				●																		
	Code 32216x						●																
	Code 32218x							●															
ANGLE LEVEL  page 160							●																
								●															
ELECTRICIANS LEVEL  page 160		●																					
		●																					
MINI POCKET ALU LEVEL  page 160		●																					
MINI POCKET LEVEL  page 160		●																					
		●															●						
POCKET ABS LEVEL  page 161		●																					
MAGNETIC POCKET LEVEL  page 161		●																					
MINILEVEL FOR WIRES  page 161		●																					

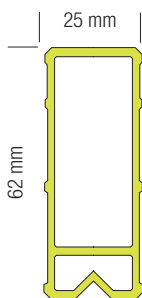
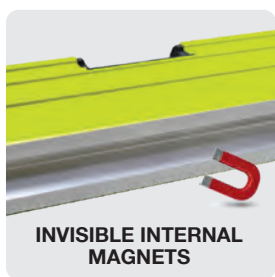


formula INVISIBLE

MAGNETIC PRISMATIC LEVEL

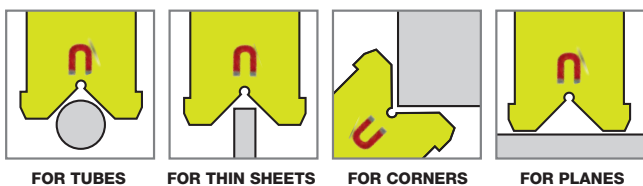
Code	L cm	•	•	8001066327546	3	€
32754	40	•	•	8001066327546	3	-
32755	50	•	•	8001066327553	3	-
32756	60	•	•	8001066327560	3	-
32758	80	•	•	8001066327584	1	-

= invisible magnets



- Invisible magnets incorporated into the base
- Base without openings, easy to clean
- Stays hung in any position: flat surfaces, vertically, on rounded surfaces
- Self-centering on tubes and iron girder angles or pillars of reinforced concrete
- Hands-free work
- Acrylic vials, shock resistant
- **Accuracy 0,50 mm/m**
- 5 years guarantee

ADVANTAGES OF PRISMATIC BASE



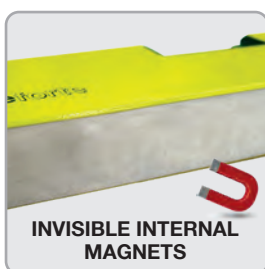
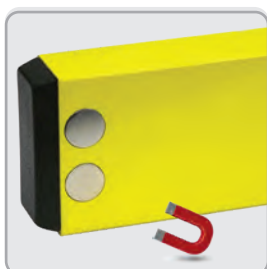
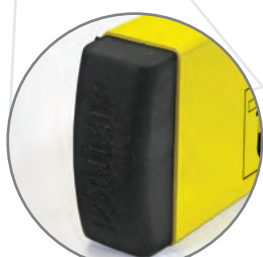
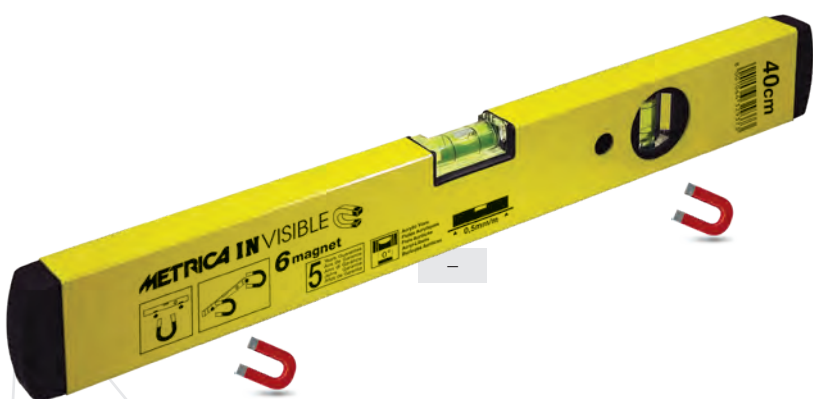
megalevel INVISIBLE

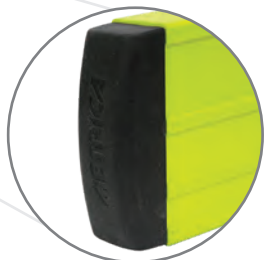
MULTI-MAGNETS

Code	L cm	•	•	8001066329366	1	€
32937	40	•	6	8001066329366	1	-
32939	60	•	7	8001066329380	1	-
32941	80	•	7	8001066329403	1	-

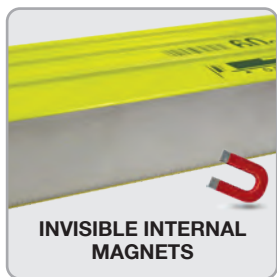
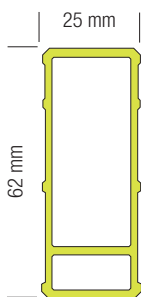
= invisible magnets

- Level with extra strong magnets on the base and on the back side
- Allows you to **work hands-free**
- High visibility acrylic vials
- Accuracy: 0,50 mm/m
- Guarantee: 5 years





ANTI-SHOCK RUBBER END CAP



INVISIBLE INTERNAL MAGNETS

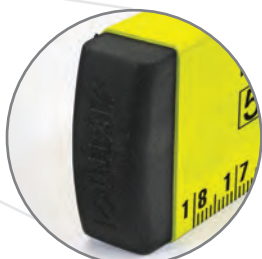
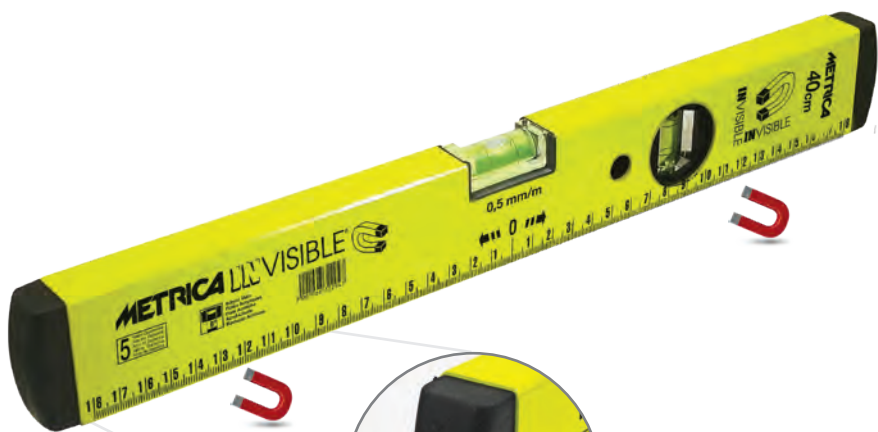
formula INVISIBLE

MAGNETIC LEVEL

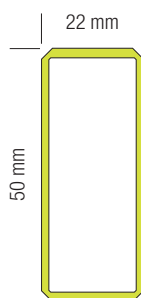
Code	L cm					€
32834	40	•	•	8001066328345	3	–
32835	50	•	•	8001066328352	3	–
32836	60	•	•	8001066328369	3	–
32838	80	•	•	8001066328383	1	–
32840	100	•	•	8001066328406	1	–
32842	120	•	•	8001066328420	1	–
32837	150	•	•	8001066328376	1	–
32839	180	•	•	8001066328390	1	–
32841	200	•	•	8001066328413	1	–

= invisible magnets

- Invisible magnets incorporated into the base
- Base without openings, easy to clean
- Extra strong magnets, shock and vibrations resistant
- Hands-free work
- Acrylic vials, shock resistant
- Rubber caps
- Accuracy 0,50 mm/m
- 5 years guarantee



ANTI-SHOCK RUBBER END CAP



INVISIBLE INTERNAL MAGNETS



megalevel INVISIBLE

MAGNETIC LEVEL

Code	L cm					€
32224	40	•	•	8001066322244	6	–
32225	50	•	•	8001066322251	6	–
32226	60	•	•	8001066322268	6	–
32228	80	•	•	8001066322282	3	–
32230	100	•	•	8001066322305	3	–
32232	120	•	•	8001066322329	1	–
32365	150	•	•	8001066323654	1	–
32368	180	•	•	8001066323685	1	–
32370	200	•	•	8001066323708	1	–

= invisible magnets

- Invisible magnets incorporated into the base
- Base without openings, easy to clean
- Extra strong magnets, shock and vibrations resistant
- Hands-free work
- Acrylic vials, shock resistant
- Rubber caps
- Accuracy 0,50 mm/m
- 5 years guarantee

02

METRICA FLASH 0,50 mm/m - 10 year vial warranty

Code	L cm				€	Code	L cm				€
33130	30	•	8001066331307	6	-	33304	40	•	8001066333042	6	-
33134	40	•	8001066331345	6	-	33305	50	•	8001066333059	6	-
33135	50	•	8001066331352	6	-	33306	60	•	8001066333066	6	-
33136	60	•	8001066331369	6	-	33308	80	•	8001066333080	6	-
33138	80	•	8001066331383	3	-	33310	100	•	8001066333103	3	-
33140	100	•	8001066331406	3	-	33312	120	•	8001066333127	3	-
33141	120	•	8001066331413	1	-	33315	150	•	8001066333158	1	-
33142	150	•	8001066331420	1	-	33318	180	•	8001066333189	1	-
33145	180	•	8001066331451	1	-	33320	200	•	8001066333202	1	-
33150	200	•	8001066331505	1	-						

- Thickness increased, weight 0.55 kg/m
- Impact resistant acrylic vials with 4 rings (0° - 2%) with fluorescent base
- Rubber caps



ANTI-SHOCK
END CAP



LEVELS DISPLAY

METRICA FLASH

- Display with 30 levels.

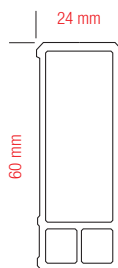
Code			€	Pz	Code	L cm
98056	8001066980567	1	-	6	33134	40
				6	33135	50
				6	33136	60
				6	33138	80
				6	33140	100



METRICA FLASH XL 0,30 mm/m - 10 year vial warranty



ANTI-SHOCK
END CAP



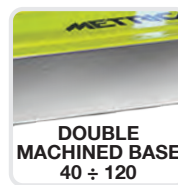
- Thickness increased, weight **0.9 kg/m**, section with double internal reinforcement bar
- Shock-resistant acrylic vials with **4 rings** (0° - 2%) with fluorescent base
- Rubber caps

Code	L cm	•	•	•	€
33164	40	•	•	•	3 -
33165	50	•	•	•	3 -
33166	60	•	•	•	3 -
33168	80	•	•	•	1 -
33170	100	•	•	•	1 -
33172	120	•	•	•	1 -

Code	L cm	•	•	•	€
33194	40	•	•	•	3 -
33195	50	•	•	•	3 -
33196	60	•	•	•	3 -
33198	80	•	•	•	1 -
33200	100	•	•	•	1 -
33202	120	•	•	•	1 -

Code	L cm	•	•	•	€
33175	150	•	•	•	1 -
33178	180	•	•	•	1 -
33180	200	•	•	•	1 -

Code	L cm	•	•	•	€
33205	150	•	•	•	1 -
33208	180	•	•	•	1 -
33210	200	•	•	•	1 -



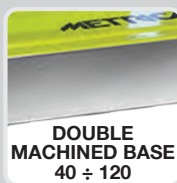
METRICA FLASH XL 0,30 mm/m - 10 year vial warranty



ANTI-SHOCK
END CAP



Code	L cm	•	•	•	€
33185	50	•	•	•	1 -
33186	60	•	•	•	1 -
33182	80	•	•	•	1 -
33183	100	•	•	•	1 -
33212	120	•	•	•	1 -



Code	L cm	•	•	•	€
33215	150	•	•	•	1 -
33218	180	•	•	•	1 -
33220	200	•	•	•	1 -

- With handles
- Thickness increased, weight **0.9 kg/m**, section with triple internal reinforcement bar
- Milled on both sides (except 150/180/200)
- Shock-resistant acrylic vials with **4 rings** (0° - 2%) with fluorescent base
- Rubber caps
- 3 vials, 1 horizontal + 2 vertical (120/150/180/200 cm)

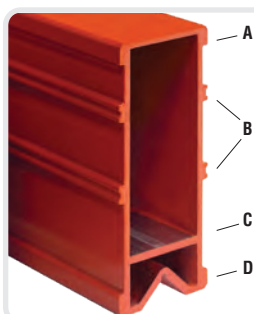


LEVEL WITH PRISMATIC BASE



Code	L cm	gr					€
32704	40	364	•		8001066327041	3	–
32705	50	455	•		8001066327058	3	–
32706	60	546	•		8001066327065	3	–
32708	80	728	•		8001066327089	1	–
32710	100	910	•		8001066327102	1	–
32734	40	364		•	8001066327348	3	–
32735	50	455		•	8001066327355	3	–
32736	60	546		•	8001066327362	3	–
32738	80	728		•	8001066327386	1	–
32740	100	910		•	8001066327409	1	–

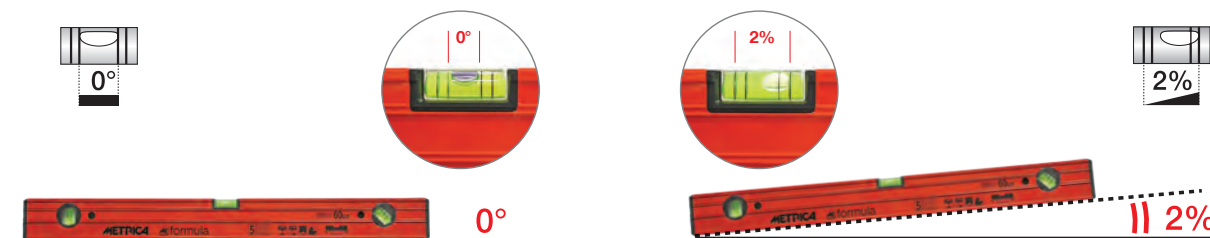
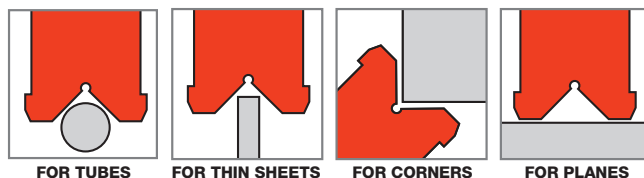
- **Machined prismatic base:** ideal for pipes, edges and thin slabs
- Big size 62 x 25 mm
- **Inside stiffening bar** for an utmost stiffness
- Double ribs for better handling
- Machined base
- High transparency acrylic vials
- Round shaped main vial for better visibility from any position
- **Direct reading slope 2% on the central vial**
- **Accuracy 0,50 mm/m**
- 5 years guarantee



PRISMATIC BASE

- A: heavy profile
- B: double ribs
- C: inside stiffening bar
- D: prismatic base

ADVANTAGES OF PRISMATIC BASE



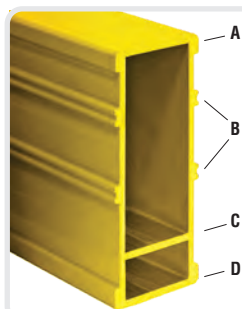
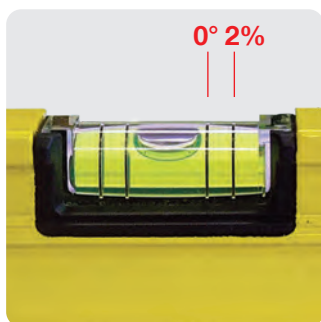
Central vial with 4 indicators. For 0° (internal stripes) or for inclination of 2% (outside stripes)

LEVEL WITH FLAT BASE



Code	L cm	gr					€
32804	40	364	•		8001066328048	3	–
32805	50	455	•		8001066328055	3	–
32806	60	546	•		8001066328062	3	–
32808	80	728	•		8001066328086	1	–
32810	100	910	•		8001066328109	1	–
32844	40	364		•	8001066328444	3	–
32845	50	455		•	8001066328451	3	–
32846	60	546		•	8001066328468	3	–
32848	80	728		•	8001066328482	1	–
32850	100	910		•	8001066328505	1	–
32852	120	1092		•	8001066328529	1	–
32855	150	1365		•	8001066328550	1	–
32858	180	1638		•	8001066328581	1	–
32860	200	1820		•	8001066328604	1	–

- Machined flat base
- Big size 62 x 25 mm
- **Inside stiffening bar** for an utmost stiffness
- Double ribs for better handling
- Antishock rubber caps
- High transparency acrylic vials
- Round shaped main vial for better visibility from any position
- **Direct reading slope 2% on the central vial**
- **Accuracy 0,50 mm/m**
- 5 years guarantee

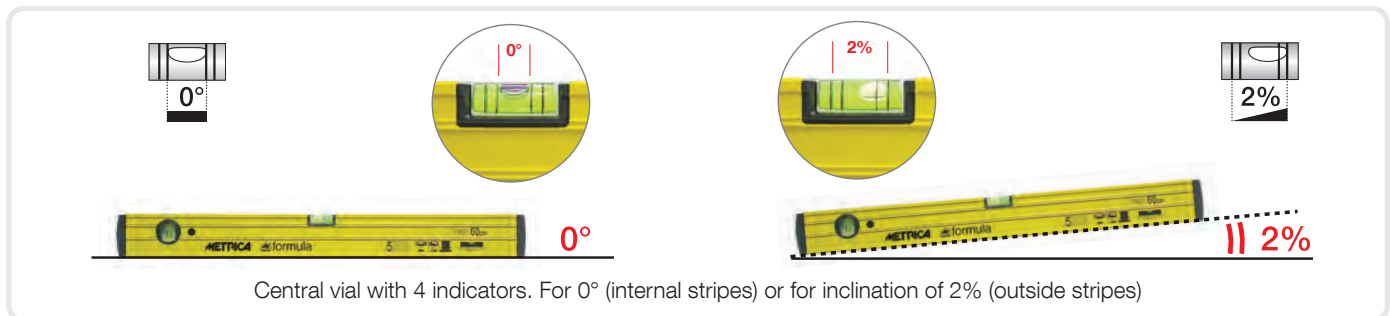


FLAT BASE





- A: heavy profile
- B: double ribs
- C: inside stiffening bar
- D: flat base



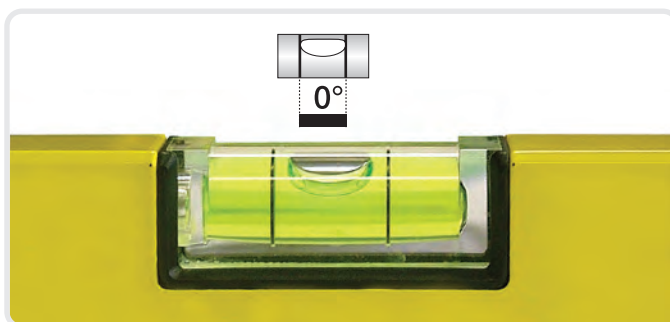
ANTI-SHOCK RUBBER END CAP



megalevel ALUMINIUM PROFILE

Code	L cm					€
32293	30	•		8001066322930	6	–
32294	40	•		8001066322947	6	–
32295	50	•		8001066322954	6	–
32296	60	•		8001066322961	6	–
32298	80	•		8001066322985	3	–
32300	100	•		8001066323005	3	–
32302	120	•		8001066323029	3	–
32290	150	•		8001066322909	3	–
32291	180	•		8001066322912	3	–
32292	200	•		8001066322923	1	–
32304	40		•	8001066323043	6	–
32305	50		•	8001066323050	6	–
32306	60		•	8001066323067	6	–
32308	80		•	8001066323081	3	–
32310	100		•	8001066323104	3	–




- Flat machined base
- Acrylic vials, shock resistant
- Antishock rubber caps
- Epoxy painting
- Accuracy: 0,50 mm/m
- Guarantee: 5 years



LEVELS DISPLAY





megalevel

30 pcs.

Code			€	Pcs	Code	L cm	
98052	8001066980529	1	–	6	32294	40	8001066322947
				6	32295	50	8001066322954
				6	32296	60	8001066322961
				6	32298	80	8001066322985
				6	32300	100	8001066323005





DIE-CAST ALUMINUM LEVEL

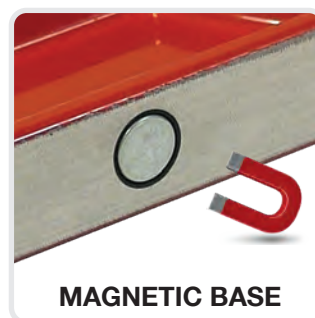
NORMAL BASE

Code	L cm					€
31084	40	•		8001066310845	6	-
31085	50	•		8001066310852	6	-
31086	60	•		8001066310869	6	-
31088	80	•		8001066310883	3	-
31090	100	•		8001066310906	3	-




- Solid body size 50 x 24 mm
- **Die-cast aluminum**
- Two machined plans
- Impact resistant **acrylic vials**
- High visibility vials
- Accuracy: 0,5 mm/m
- Ergonomic handle from 50 cm

MAGNETIC BASE

Code	L cm					€
31094	40	•	•	8001066310944	6	-
31095	50	•	•	8001066310951	6	-
31096	60	•	•	8001066310968	6	-
31098	80	•	•	8001066310982	3	-






DIE-CAST LEVEL NORMAL BASE

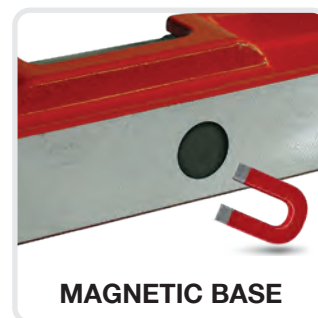
Code	L cm	g				€
31072	25	270		8001066310722	6	-
31073	30	300		8001066310739	6	-
31074	40	380		8001066310746	6	-
31075	50	440		8001066310753	6	-
31076	60	600		8001066310760	6	-
31078	80	760		8001066310784	3	-
31080	100	940		8001066310807	3	-

- Aluminium die-cast body
- Specially shaped for easy working even in the corners
- Acrylic vials, shock resistant







MAGNETIC BASE

Code	L cm	g				€
31062	25	270	•	8001066310623	6	-
31063	30	300	•	8001066310630	6	-
31064	40	380	•	8001066310647	6	-
31065	50	440	•	8001066310654	6	-
31066	60	600	•	8001066310661	3	-



ALUMINIUM PROFILE LEVEL WITH GRADUATED BASE

Code	L cm					€
32163	30	•		8001066321636	6	-
32164	40	•		8001066321643	6	-
32165	50	•		8001066321650	6	-
32166	60	•		8001066321667	6	-
32168	80	•		8001066321681	3	-
32170	100	•		8001066321704	3	-
32204	40		•	8001066322046	6	-
32205	50		•	8001066322053	6	-
32206	60		•	8001066322060	6	-
32208	80		•	8001066322084	3	-
32210	100		•	8001066322107	3	-

- Aluminium profile level
- Size: 50 x 20 mm
- Machined graduated base
- Acrylic vials - shock resistant
- Painted surface
- Accuracy: 1 mm/m



ALUMINIUM PROFILE LEVEL WITH GRADUATED BASE

Code	L cm					€
32543	30	•		8001066325436	6	–
32544	40	•		8001066325443	6	–
32545	50	•		8001066325450	6	–
32546	60	•		8001066325467	6	–
32548	80	•		8001066325481	3	–
32550	100	•		8001066325504	3	–
32551	120	•		8001066325511	3	–
32552	150	•		8001066325528	3	–
32553	180	•		8001066325535	1	–
32554	200	•		8001066325542	1	–
32563	30		•	8001066325634	6	–
32564	40		•	8001066325641	6	–
32565	50		•	8001066325658	6	–
32566	60		•	8001066325665	6	–
32568	80		•	8001066325689	3	–
32570	100		•	8001066325702	3	–

- Handy and light aluminium profile level
- Graduated base
- Acrylic vials - shock resistant
- Anodized surface
- Accuracy: 1 mm/m

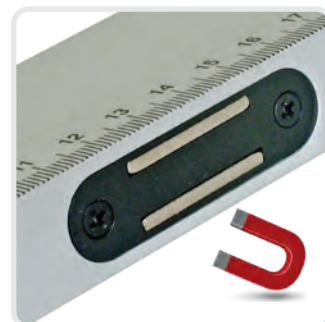


ALUMINIUM PROFILE LEVEL WITH MAGNETIC GRADUATED BASE

Code	L cm					€
32214x	40	•	2	8001066322145	6	–
32216x	60	•	2	8001066322169	6	–
32218x	80	•	2	8001066322183	3	–

= quantity of magnets

- Handy and light aluminium profile level
- **Magnetic graduated base**
- Acrylic vials - shock resistant
- Anodized surface
- Accuracy: 1 mm/m





ANGLE LEVEL NORMAL OR MAGNETIC BASE

Code	L cm	Scale	Symbol	Barcode	Box	€
33226	60	1° - %	□	8001066332267	1	-
33236	60	1° - %	•	8001066332366	1	-

- Angle level in aluminium profile
- Rotating disc with scale, with locking knob
- Slope direct reading in % and degrees

Code **33226**: normal base

Code **33236**: magnetic base



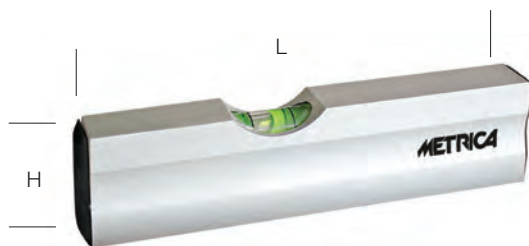
ELECTRICIAN'S LEVEL

Code	L cm	H mm	Barcode	Box	€
31024	20	50	8001066310241	1	-
31025	20	50	8001066310258	1	-

- Two acrylic vials - shock resistant
- 20 cm
- Rubber handles
- In aluminium profile

Code **31025**: normal base

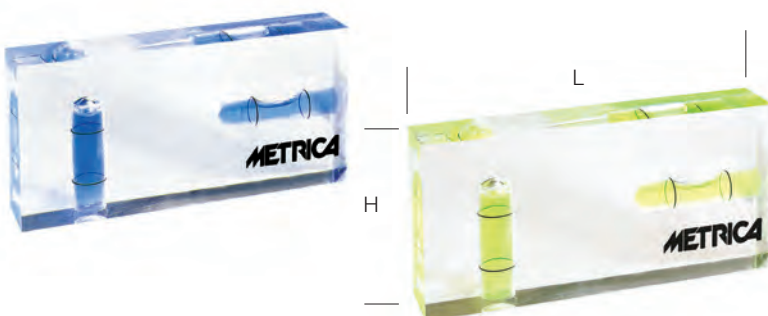
Code **31024**: magnetic base



MINI POCKET ALU LEVEL

Code	L cm	H mm	Barcode	Box	€
31021	10	25	8001066310210	1	-

- Small spirit level with 1 vial
- 10 cm
- Filled profiled aluminium



MINI POCKET LEVEL

Code	L cm	H mm	Color	Barcode	Box	€
33031	9,5	50	Yellow	8001066330317	1	-
33032	9,5	50	Blue	8001066330324	1	-

- Transparent with 2 vials
- 9,5 x 5 cm
- Acrylic shock resistant

POCKET ABS LEVEL

Code	L cm			€	Code			€
33080	10	●	8001066330805	6	06080	8001066060801	10	-
33081	10	○	8001066330812	6	03081	8001066030811	10	-
33082	10	●	8001066330829	6	06082	8001066060825	10	-
33083	10	●	8001066330836	6	03083	8001066030835	10	-
33084	10	●	8001066330843	6	03084	8001066030842	10	-



- Abs pocket size level
- 2 vials

POCKET LEVEL

Code	L cm			€
33001	21	●	8001066330010	10

- Abs pocket size level
- 3 vials
- Including mini level for wires
- Magnetic base

Not saleable in UK



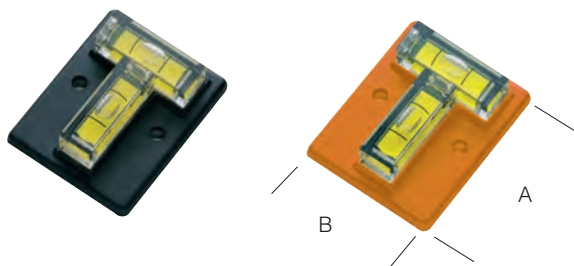
MINILEVEL FOR WIRES

Code	L cm	H mm		€
33000	5,5	2	8001066330003	6

- With built-in groove for wires
- Magnetic base
- 1 vial

Not saleable in UK

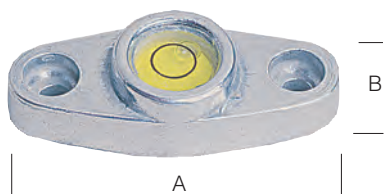




“T” MINI LEVEL FOR PLANES

Code	A x B mm		8001066345519	6	€
34551	48 x 40	●	8001066345519	6	-
34550	48 x 40	●	8001066345502	6	-

■ T-Couple of acrylic vials for planes



SMALL SPIRIT LEVEL FOR SCALES

Code	A x B mm		8001066345007	5	€
34500	47 x 18		8001066345007	5	-

■ Acrylic vial
■ Chromed metal stand



Code **34511**

Code **34509 - 34510 - 34513 - 34514** without holder
Code **34511** with circular stand Ø 30 mm

CIRCULAR VIALS

Code	Ø mm		8001066345090	10	€
34509	11		8001066345090	10	-
34510	12		8001066345106	10	-
34511	12 / 30		8001066345113	10	-
34513	15		8001066345137	10	-
34514	20		8001066345144	10	-

■ Acrylic resin vials

Code **34520**



Code **34521**



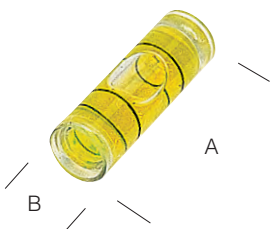
Code **34519**



HIGH SENSITIVITY CIRCULAR VIALS

Code	Ø mm		8001066345199	1	€
34519	40		8001066345199	1	-
34520	80		8001066345205	1	-
34521	56		8001066345212	1	-

■ Vial with concentric circles scale
■ Sensitivity 5-40'
■ Acrylic resin



SPARE VIALS

Code	A x B mm		8001066329205	50	€
32920	30 x 9,5		8001066329205	50	-

■ In shockproof plastic
■ Special sizes on request

TUBE LEVELS

Code	Barcode	Box	€	Code	Barcode	Box	€
34030	8001066340309	1	-	04030	8001066040308	5	-

- Pair of tubes with scale
- Plastic taps
- Scale: 0-12 cm
- Reading: 1 mm



PLASTIC PIPE FOR TUBE LEVELS

Code	Barcode	Box	€
34100	8001066341009	1	-

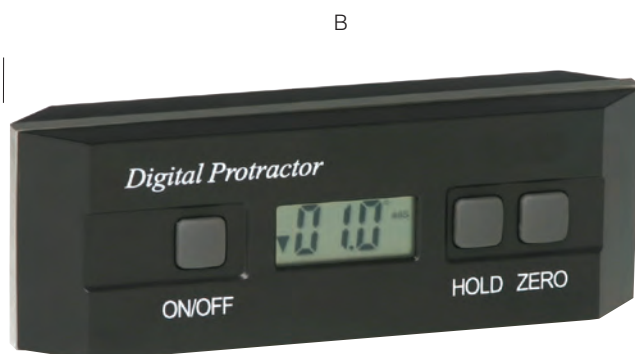
- 10 m plastic pipe





POCKET DIGITAL INCLINATION LEVEL

Code	A mm	B mm	Barcode	Box	€
60296	53	192	8001066602964	1	-

- Digital inclinometer for absolute and relative measurements
- Capacity: 0-360°
- Resolution: 0.1°
- 4 measuring surfaces
- Functions: hold (stop), ON/OFF and zero setting
- Batteries: CR 2032

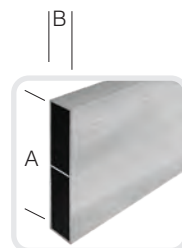


ALUMINIUM PROFESSIONAL LEVELLING STAFF



Code	L cm	A x B mm			€
32670	100	100 x 18	8001066326709	5	-
32671	150	100 x 18	8001066326716	5	-
32672	180	100 x 18	8001066326723	5	-
32673	200	100 x 18	8001066326730	5	-
32674	250	100 x 18	8001066326747	5	-
32675	300	100 x 18	8001066326754	5	-
32676	350	100 x 18	8001066326761	5	-
32677	400	100 x 18	8001066326778	5	-

Professional model

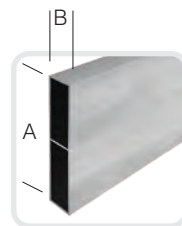
- Leveling staff with two handgrips
- 2 impact resistant acrylic vials
- Rectangular section: 100 x 18 mm





ALUMINIUM LEVELLING STAFF

Code	L cm	A x B mm			€
32270	100	100 x 18	8001066322701	5	-
32271	150	100 x 18	8001066322718	5	-
32272	180	100 x 18	8001066322725	5	-
32273	200	100 x 18	8001066322732	5	-
32274	250	100 x 18	8001066322749	5	-
32275	300	100 x 18	8001066322756	5	-

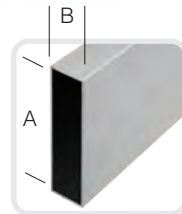
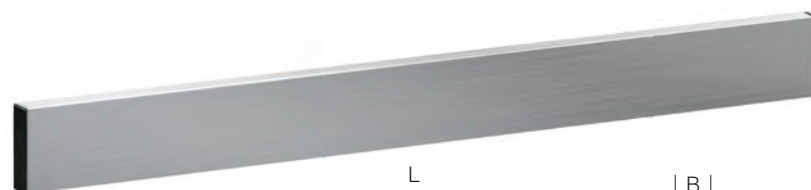
- Rectangular section: 100 x 18 mm





LEVELING STAFF WITHOUT HANDLE

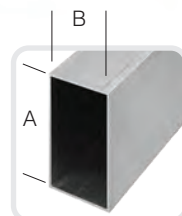
Code	L cm	A x B mm			€
32650	200	80 x 20	8001066326501	5	-
32651	250	80 x 20	8001066326518	5	-
32652	300	80 x 20	8001066326525	5	-
32653	350	80 x 20	8001066326532	5	-
32654	400	80 x 20	8001066326549	5	-




- Aluminium profile rectangular section: 80 x 20 mm
- With caps on the ends




Code	L cm	A x B mm			€
32660	200	60 x 30	8001066326601	5	-
32661	250	60 x 30	8001066326617	5	-
32662	300	60 x 30	8001066326624	5	-
32663	350	60 x 30	8001066326631	5	-
32664	400	60 x 30	8001066326648	5	-

- Aluminium profile rectangular section: 60 x 30 mm
- With caps on the ends



	BLADE					BLADE GUIDE		BODY			LOCK		OTHER FEATURES										
	4 mm	9 mm	18 mm	19 mm	25 mm	METAL	PLASTIC	ABS BODY	METAL BODY	NON-SLIP GRIP	RUBBER TOUCH	SCREW	AUTOMATIC	SAFETY	SELF RETRACTABLE BLADE	INCLUDED SPARE BLADES	SAFETY BLADE	INCREASED THICKNESS BLADE	COLLECTING BLADES MAGNET	FLAT PROFILE	SNAP-OFF BLADE	ASSORTED COLORS	
CUTTER BLACK BLADE page 167						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>					
CUTTER BLACK BLADE PROFESSIONAL page 167						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					
CUTTER BLACK BLADE PROFESSIONAL RUBBERIZED page 167						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					
SMALL CUTTER page 168	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
RUBBER GRIP page 168		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
FLAT CUTTER page 168		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>									
SMALL SIZE WITH CLIP page 168		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			
INSTANT STOP page 169			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
BIG SIZE PROFESSIONAL page 169			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					
RUBBER GRIP page 169		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
RUBBER GRIP page 169		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
METAL CUTTER page 170			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
FLAT METAL CUTTER page 170			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			

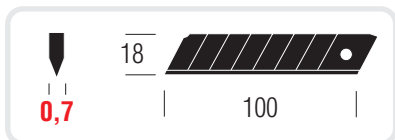
	BLADE					BLADE GUIDE		BODY				LOCK			OTHER FEATURES								
	4 mm	9 mm	18 mm	19 mm	25 mm	METAL	PLASTIC	ABS BODY	METAL BODY	NON-SLIP GRIP	RUBBER TOUCH	SCREW	AUTOMATIC	SAFETY	SELF RETRACTABLE BLADE	INCLUDED SPARE BLADES	SAFETY BLADE	INCREASED THICKNESS BLADE	COLLECTING BLADES MAGNET	FLAT PROFILE	SNAP-OFF BLADE	ASSORTED COLORS	
BIG SIZE CUTTER page 170			●			●		●				●											
METRICA QUICK RETURN page 170				●		●		●		●	●				●		●						
SAFETY CUTTER page 171			●			●			●	●		●			●	●	●						
BIG SIZE CUTTER page 171			●			●		●						●								●	
MEDIUM SIZE page 171			●				●	●						●								●	
CUTTER RUBBER 25 page 171					●	●		●		●	●	●				●		●	●				
RUBBER TOUCH 25 page 172					●	●		●		●	●	●							●				
BIMATERIAL CUTTER page 172				●			●	●		●	●			●									
SAFETY CUTTER page 172				●		●			●					●									
METAL CUTTER page 172				●		●			●					●									
GRAPHIC CUTTER page 173		●				●		●								●							
SCRAPER page 173				●			●	●						●									
MINICUTTER BOX page 173		●					●	●							●								●

CUTTER BLACK BLADE



Code	L mm	Barcode	Units	€
09026	160	8001066090266	12	-

- ABS body (resistant)
- Metal blade guide
- Ergonomic, **non-slip handle**
- Ultra sharp **black blade - SK4 - HRC > 65**, thickness **0,7 mm**
- Significantly **longer life (5 X)**

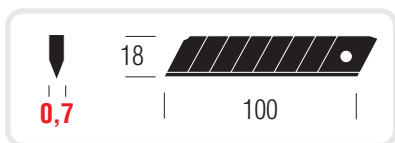


PROFESSIONAL CUTTER BLACK BLADE



Code	L mm	Barcode	Units	€
09028	185	8001066090280	12	-

- **Professional Cutter**
- Metal blade guide
- Ergonomic, **non-slip handle**
- Ultra sharp **black blade - SK4 - HRC > 65**, thickness **0,7 mm**
- Resists a **peak load of 60 Kg**
- Significantly **longer life (5 X)**

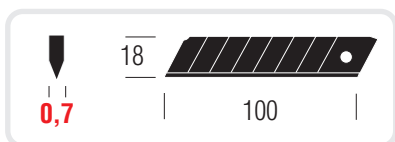


PROFESSIONAL RUBBERIZED CUTTER BLACK BLADE



Code	L mm	Barcode	Units	€
09029	185	8001066090297	12	-

- **Professional Cutter - metal body**
- Metal blade guide
- Ergonomic, **non-slip handle**
- Ultra sharp **black blade - SK4 - HRC > 65**, thickness **0,7 mm**
- Resists a **peak load of 60 Kg**
- Significantly **longer life (5 X)**

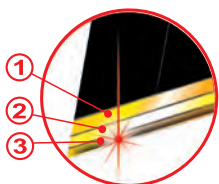


BLACK BLADE

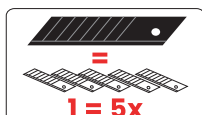


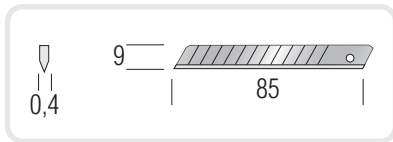
SPARE BLADES		Code	Barcode	Units	€
Dim. 100 x 18 x 0,7 mm - 10 pcs		49036	8001066490363	10	-

- Ultra sharp **black blade - SK4 - HRC > 65**, thickness **0,7 mm**
- Resists a **peak load of 60 Kg**
- Significantly **longer life (5 X)**
- Per Ref. **09026**, Ref. **09028**, Ref. **09029**



50% SHARPER.
TRIPLE CUTTING
ANGLE





SMALL CUTTER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49030	135	8001066490301	10	-	06030	8001066060306	12	-

Professional cutter

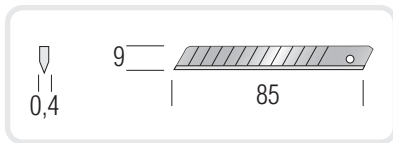
- Safety locking
- Metal blade rail
- 2 spare blades included

SPARE BLADES

Code	Barcode	Box	€
49031	8001066490318	10	-

Dim. 85 x 9 x 0,4 mm - 10 pcs

RUBBERTOUCH



RUBBER GRIP

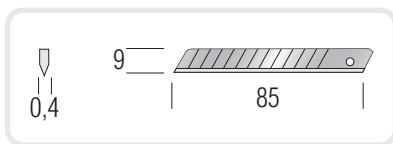
Code	L mm	Barcode	Box	€
09102	140	8001066091027	12	-

- Metal blade rail
- Ergonomic **non-slip grip**

SPARE BLADES

Code	Barcode	Box	€
49016	8001066490165	10	-

Dim. 85 x 9 x 0,4 mm - 10 pcs



FLAT CUTTER

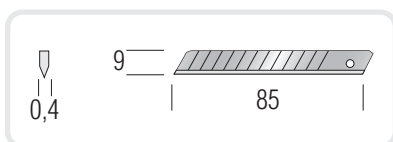
Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49014	140	8001066490141	24	-	09014	8001066090143	12	-

- Flat cutter
- **Metal body**, black painted
- Safety lock, snap-off blade

SPARE BLADES

Code	Barcode	Box	€
49016	8001066490165	10	-

Dim. 85 x 9 x 0,4 mm - 10 pcs



SMALL SIZE WITH CLIP

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49017	135	8001066490172	20	-	09017	8001066090174	6	-

- Small size cutter with clip
- ABS body
- **Safety lock**
- Snap-off blade

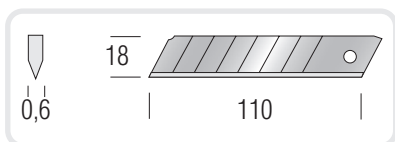
SPARE BLADES

Code	Barcode	Box	€
49016	8001066490165	10	-

Dim. 85 x 9 x 0,4 mm - 10 pcs



| L |



INSTANT STOP

Code	L mm	Barcode	Icon	€
09130	150	8001066091307	12	-

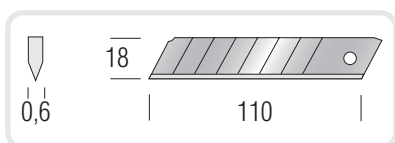
- Professional cutter heavy duty blade: 0.6 mm
- Cutter with instantaneous **self locking blade**
- Metal blade rail

SPARE BLADES

Code	Barcode	Icon	€
Dim. 110 x 18 x 0,6 mm - 10 pcs	49051	8001066490516	10 -
Dim. 110 x 18 x 0,6 mm - 10 pcs	49061	8001066490615	10 -



| L |



BIG PROFESSIONAL CUTTER

Code	L mm	Barcode	Icon	€	Code	Barcode	Icon	€
49050	160	8001066490509	5	-	06050	8001066060504	12	-

- Professional cutter non-slip grip
- Strong ABS body with metal blade rail
- Safety lock

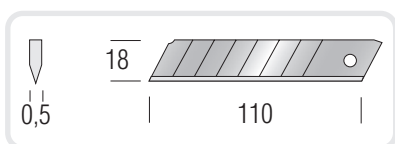
SPARE BLADES

Code	Barcode	Icon	€
Dim. 110 x 18 x 0,6 mm - 10 pcs	49051	8001066490516	10 -
Dim. 110 x 18 x 0,6 mm - 10 pcs	49061	8001066490615	10 -

RUBBERTOUCH



| L |



CUTTER WITH RUBBER GRIP

Code	L mm	Barcode	Icon	€
09103	160	8001066091034	12	-

- Metal blade rail
- Safety lock
- Ergonomic non-slip grip

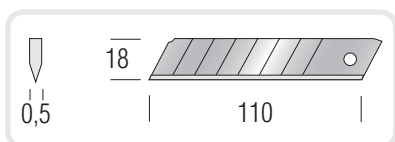
SPARE BLADES

Code	Barcode	Icon	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10 -

RUBBERTOUCH



| L |



CUTTER WITH RUBBER GRIP

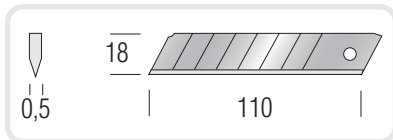
Code	L mm	Barcode	Icon	€
09022	160	8001066090225	12	-

- Metal blade rail
- Safety lock
- Ergonomic **non-slip grip**
- 2 spare blades included

SPARE BLADES

Code	Barcode	Icon	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10 -

RUBBERTOUCH

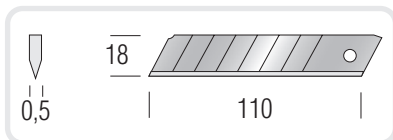


METAL CUTTER

Code	L mm	Barcode	Units	€
09056	170	8001066090560	6	-

- Metal blade rail
- Safety lock
- **Extra strong metal body**
- **Ergonomic non-slip grip**

SPARE BLADES	Code	Barcode	Units	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10	-

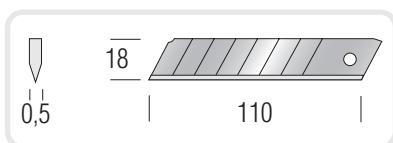


FLAT METAL CUTTER

Code	L mm	Barcode	Units	€	Code	Barcode	Units	€
49012	140	8001066490127	10	-	09012	8001066090129	10	-

- **Flat cutter**
- **Metal body**
- Safety lock

SPARE BLADES	Code	Barcode	Units	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10	-



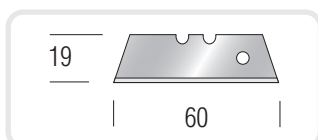
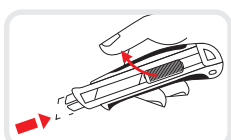
BIG SIZE CUTTER

Code	L mm	Barcode	Units	€	Code	Barcode	Units	€
49035	150	8001066490356	10	-	09035	8001066090358	12	-

- Metal blade rail
- **Blade screw lock**
- ABS body
- **Very sturdy**

SPARE BLADES	Code	Barcode	Units	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10	-

RUBBERTOUCH



METRICA QUICK RETURN

Code	L mm	Barcode	Units	€
09119	140	8001066091192	12	-

- **Safety cutter, spring self-returning blade**
- Metal rail
- Non-slip ergonomic grip

SPARE BLADES	Code	Barcode	Units	€
Dim. 60 x 19 x 0,45 mm - 10 pcs	49054	8001066490547	10	-

SAFETY CUTTER

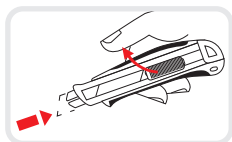


Code	L mm	Barcode	Box	€
09121	145	8001066091215	6	-

- Safety professional cutter
- Self-returning blade spring
- Metal blade rail and metal body
- Supplied with standard spare blade + hook shaped spare blade

SPARE BLADES

Code	Barcode	Box	€
Dim. 42,5 x 18 x 0,45 mm - 10 pcs	49127	8001066491278	10 -
Dim. 36 x 18 x 0,45 mm - 3 pcs	49124	8001066491247	10 -



Code 49127	Code 49124
18 42,5	18 36

BIG SIZE CUTTER



Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49023	160	8001066490233	12	-	09023	8001066090232	12	-

- Metal blade rail
- Screw lock
- Sturdy ABS body
- Snap-off blade

SPARE BLADES

Code	Barcode	Box	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10 -

0,5	18	110
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MEDIUM SIZE CUTTER



Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49018	155	8001066490189	20	-	09018	8001066090181	12	-

- ABS body
- Safety lock
- Snap-off blade

SPARE BLADES

Code	Barcode	Box	€
Dim. 110 x 18 x 0,5 mm - 10 pcs	49024	8001066490240	10 -

0,5	18	110
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RUBBERTOUCH



CUTTER RUBBER 25

Code	L mm	Barcode	Box	€
09104	180	8001066091041	6	-

- Metal rail
- Locking screw
- Blade collecting magnet

SPARE BLADES

Code	Barcode	Box	€
Dim. 140 x 25 x 0,7 mm - 10 pcs	49048	8001066490486	10 -

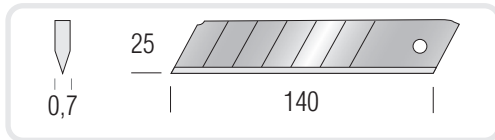
0,7	25	140
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METRICA RUBBER TOUCH 25

Code	L mm	Barcode	Icon	€
09045	180	8001066090454	12	-

- Professional cutter - blade 25 x 0,7 mm
- 2 spare blades included
- Metal rail
- Locking screw
- Non-slip grip
- Collecting blades magnet



SPARE BLADES	Code	Barcode	Icon	€
Dim. 140 x 25 x 0,7 mm - 10 pcs	49049	8001066490493	5	-

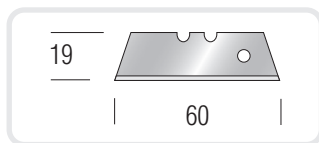
RUBBERTOUCH



BIMATERIAL CUTTER

Code	L mm	Barcode	Icon	€
09105	150	8001066091058	6	-

- Metal body and non-slip rubber
- Safety lock



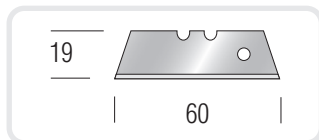
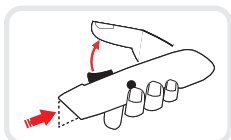
SPARE BLADES	Code	Barcode	Icon	€
Dim. 60 x 19 x 0,45 mm - 10 pcs	49054	8001066490547	10	-



SAFETY CUTTER

Code	L mm	Barcode	Icon	€
09106	150	8001066091065	6	-

- Safety professional cutter
- Self-returning blade spring
- Metal body



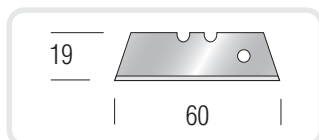
SPARE BLADES	Code	Barcode	Icon	€
Dim. 60 x 19 x 0,45 mm - 10 pcs	49054	8001066490547	10	-



METAL CUTTER

Code	L mm	Barcode	Icon	€	Code	Barcode	Icon	€
49117	160	8001066491179	6	-	09117	8001066091171	12	-

- Aluminium body
- Adjustable blade in 10 positions
- Safety lock
- Ergonomic shape



SPARE BLADES	Code	Barcode	Icon	€
Dim. 60 x 19 x 0,45 mm - 10 pcs	49054	8001066490547	10	-



GRAPHIC CUTTER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49052	140	8001066490523	1	–	09052	8001066090525	6	–

- Graphic precision cutter, retractable blade
- 8 spare blades included
- With clip

SPARE BLADES		Code	Barcode	Box	€
Dim. 11 x 4 x 0,4 mm - 10 pcs		09053	8001066490530	1	–

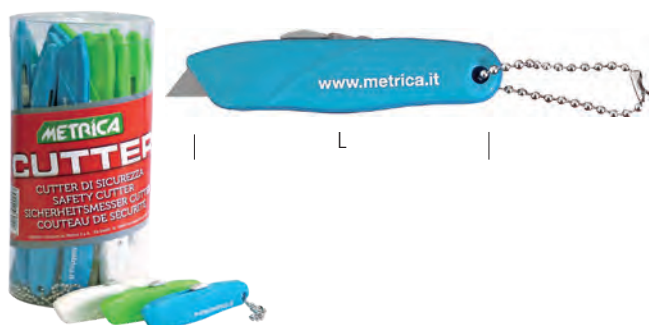


SCRAPER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
49145	60	8001066491452	10	–	09145	8001066091454	10	–

- Multipurpose scraper
- Safety retractable blade

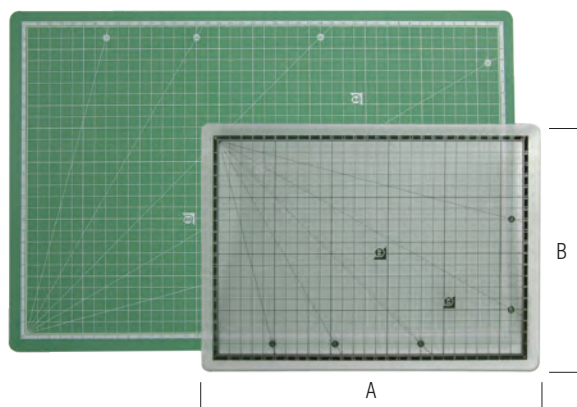
SPARE BLADES		Code	Barcode	Box	€
Dim. 60 x 19 mm - 12 pcs		49151	8001066491513	10	–



MINICUTTER BOX

Code	L mm	Barcode	Box	€
49025	80	8001066490257	1	–

- Box of 50 pcs, 3 assorted colors
- Retractable safety blade
- Keyring chain



PVC WORKING PLATE

Code	A x B mm	Color	Barcode	Box	€
72100	450 x 300	●	8001066721009	1	–
72101	600 x 450	●	8001066721016	1	–
72105	300 x 220	○	8001066721054	1	–

- Working basis
- Three overlying PVC coatings
- Surface entirely millimeters

● Green ○ Transparent



JOBO GLASS-CUTTER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
50503	155	8001066505036	12	-	00503	8001066005031	10	-

- Original German glass-cutter (Mod. 320.0)
- 6 wheels
- Wooden handle



GLASS-CUTTER

Code	Barcode	Box	€	Code	Barcode	Box	€
50500	8001066505005	12	-	00500	8001066005000	10	-

- Original Silberschnitt glass-cutter (Mod.100.0)
- 6 wheels
- Wooden handle



GLASS AND TILE CUTTER

Code	Barcode	Box	€
50520	8001066505203	1	-

- Original Silberschnitt (Mod. 400.0) glass and tile cutter
- Carbide wheel Ø 5 mm
- Wooden handle

SPARE PARTS

Spare wheel Mod. 402.135 - 1 pcs	Code	Barcode	Box	€
	50521	8001066505210	1	-

SPARE PARTS

Spare large head Mod. 4010.0- 1 pcs	Code	Barcode	Box	€
	50508	8001066505081	1	-

OIL GLASS CUTTER



Code	Barcode	Box	€
50505	8001066505050	1	-

- Original Silberschnitt oil glass-cutter (Mod. 4000.0)
- Large-rotating head
- Brass handle

SILBERSCHNITT GLASS CUTTER WITH SUCTION PLATE



Code	L mm	Barcode	Box	€
50509	60	8001066505098	1	-

- Original Silberschnitt glass cutter with suction plate (Mod. 511.0)
- 6 steel wheels on the washer
- Graduated tipping rod for a perfect setting of the measurement

SPARE PARTS

Spare wheel Mod.102.1 - 12 pcs	Code	Barcode	Box	€
	50501	8001066505012	10	-



PROFESSIONAL SQUARE FOR GLASS

Code	L			€
50518	80 cm	8001066505180	1	-
50519	135 cm	8001066505197	1	-

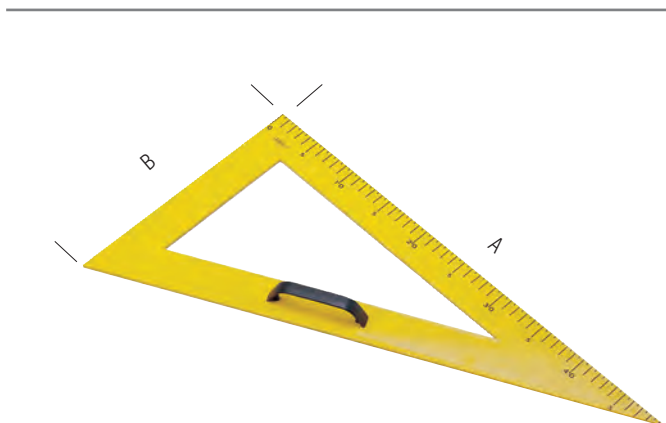
- Professional flat square with arm for glass makers
- Monoblock synthetic material, very strong
- High accuracy, indeformable
- Section 54 x 4 mm



SPECIAL RULE FOR GLASS

Code	L cm	A x B mm				€
50530	100	50 x 4	cm	8001066505302	1	-

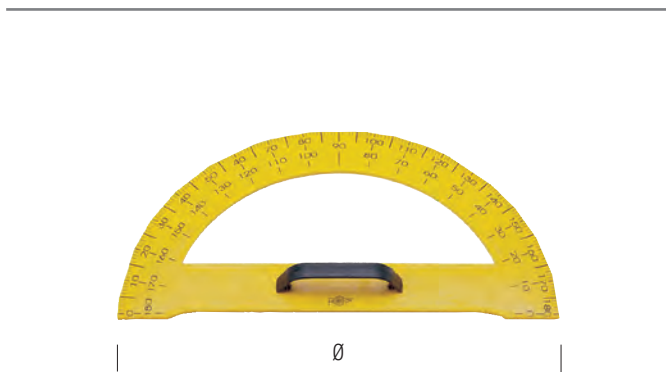
- Special rule for glass makers
- Flexible plastic, no scratch
- With handle



SPECIAL SQUARE FOR GLASS

Code	A x B cm				€
50535	50 x 25	cm	8001066505357	1	-

- Special square for glass makers
- Flexible plastic, no scratch
- With handle
- Section 40 x 4 mm






SPECIAL PROTECTOR FOR GLASS

Code	∅ cm				€
50540	33	1°	8001066505401	1	-

- Special protractor for glass makers
- Flexible plastic, no scratch
- With handle
- Section 40 x 4 mm

02

SUCTION CUP

Code	Kg		Ø mm			€
50541	40	1	120	8001066505418	1	-
50543	80	2	120	8001066505432	1	-
50545	160	3	120	8001066505456	1	-

- Suction cup with rubber grip
- Capacity kg 40 - 80 - 160
- Ø 120 mm



Code **50541**





Code **50543**



Code **50545**



**DOUBLE SHEAR STRAIGHT CUT/
RIGHT CUT/LEFT CUT**

Code	A			€
68781	250	8001066687817	1	-
68782	250	8001066687824	1	-
68783	250	8001066687831	1	-

- German Type
- Material: 60Cr-V or Cr-Mo
- Blade hardness: 56-62 HRC
- No-slip handle PVC / TPR



Code **68781**
STRAIGHT CUT



Code **68782**
RIGHT CUT



Code **68783**
LEFT CUT



A

NICKEL-PLATED WORK SCISSORS

Code	A			€
69592	5½"	8001066695928	10	–
69593	6"	8001066695935	10	–
69594	6½"	8001066695942	10	–

- Hot-pressed steel blades
- Blades assembled by screws



A

TAILOR SCISSORS

Code	A			€
69595	9"	8001066695959	5	–

- Hot-pressed nickel-plated steel blades
- Blades assembled by screws
- Painted handle



A

MULTIPURPOSE INOX SCISSORS

Code	A			€
72600	215 mm	8001066726004	10	–

- Coated stainless steel blades
- ABS handle
- Both home and office use



A

SAMPLE-CUTTER SCISSORS

Code	A			€
69601	8"	8001066696017	5	–

- Hot-pressed nickel-plated steel blades
- Blades assembled by screws
- Nylon handle



A

WORKING SCISSORS

Code	A			€
69598	165 mm	8001066695980	5	–

- Stainless steel blade with Hardness 52/54 HRC
- ABS handles anti-shock



A

ELECTRICIAN SCISSORS

Code	A			€
68775	145 mm	8001066687756	10	-

- Straight stainless steel blade with thread cutter
- Blade hardness 52/54 HRC
- Blade with micro tothing non-slip
- Nylon handles reinforced with fiberglass
- Tpr rubber rings inside



A

ELECTRICIAN SCISSORS

Code	A			€
68776	155 mm	8001066687763	10	-

- Straight stainless steel blade without thread cutter
- Blade hardness 52/54 HRC
- Blade with micro tothing non-slip
- Ergonomic grips with large ring, to handle with two fingers
- Tpr rubber rings inside



A

ELECTRICIAN SCISSORS

Code	A			€
68777	150 mm	8001066687770	10	-

- Straight stainless steel blade with double cutting edge 15 mm
- Blade hardness 56 HRC
- Blade with micro tothing non-slip
- Ergonomic nylon handles reinforced with fiberglass
- Double grip on rings for greater strength during cutting and TPR rubber externally



A

ELECTRICIAN SCISSORS

Code	A			€
68753	145 mm	8001066687534	10	-

- Hot-pressed stainless steel blades
- Blades assembled by screws
- In transparent envelope

BRASS PLATED FOLDABLE LINEN

Code	A x B mm				€
49562	10 x 10	12 X	8001066495627	2	-
49563	15 x 15	10 X	8001066495634	2	-
49564	20 x 20	6 X	8001066495641	2	-
49565	30 x 30	5 X	8001066495658	2	-

■ Brass plated metal



LACK METAL FOLDING LINEN

Code	A x B mm				€
49581	20 x 20	8 X	8001066495818	2	-
49582	30 x 30	8 X	8001066495825	2	-

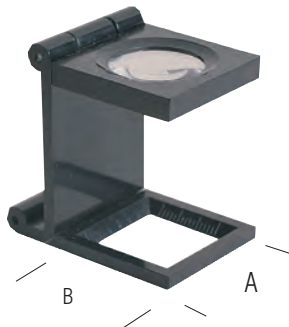
■ Black metal with graduation



PLASTIC FOLDABLE LINEN

Code	A x B mm				€
49550	20 x 20	8 X	8001066495504	2	-

■ Black plastic



POCKET LENS

Code	Ø				€
49510	50 mm	3,5 X	8001066495108	1	-

■ Optical crystal lens
 ■ Without handle
 ■ Hinged case synthetic leather



MAGNIFYING LENS WITH LED

Code	Ø				€
49494	110 mm	2 X	8001066494941	2	-
49492	90 mm	2 X	8001066494927	2	-

■ Optical crystal with LED
 ■ Rubberized handle



MAGNIFYING LENS - BIFOCAL

Code	Ø				€	Code			€
49498	75 mm	2,5 - 5 X	8001066494989	1	-	09498	8001066094981	10	-

■ Double magnifying acrylic lens 2,5 x - 5 x
 ■ Round handle

CARPENTER PENCILS

18 cm

Code	L				€
51050N	18 cm		8001066511501	1	–
51051N	18 cm		8001066511518	1	–
51052N	18 cm		8001066511525	1	–
51053N	18 cm		8001066511532	1	–
51054N	18 cm		8001066511549	1	–
49159			8001066491599	10	–

- HB black mine
- 144 pcs in a box



Code **48159**

- Sharpener for carpenter pencils



CARPENTER PENCILS

24 cm - 30 cm

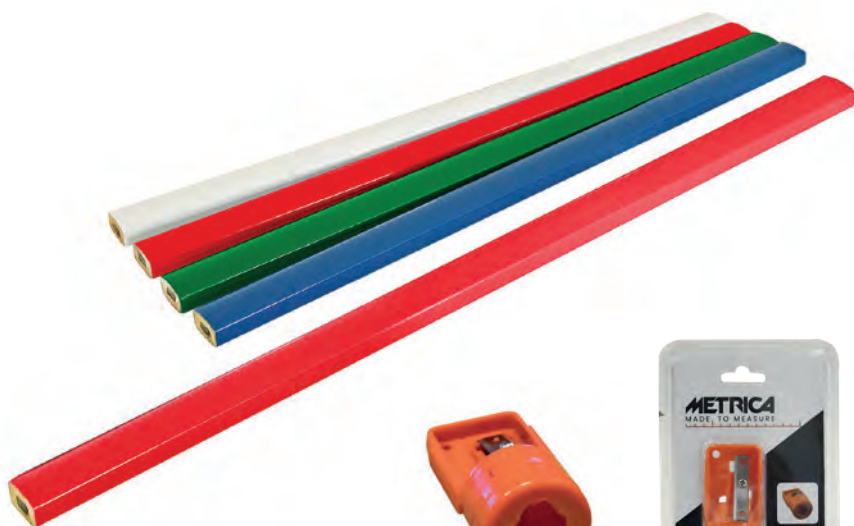
Code	L				€
51010	24 cm		8001066510108	1	–
51011	24 cm		8001066510115	1	–
51012	24 cm		8001066510122	1	–
51013	24 cm		8001066510139	1	–
51020	30 cm		8001066510207	1	–
49159			8001066491599	10	–

- HB black mine
- 144 pcs in a box



Code **48159**

- Sharpener for carpenter pencils



STONE PENCILS

Code	L				€
51060	24 cm		8001066510603	1	–
51070	30 cm		8001066510702	1	–
49159			8001066491599	10	–

- Black hard mine
- 144 pcs in a box



Code **48159**

- Sharpener for carpenter pencils



**BLISTERED
CARPENTER PENCILS**

6 PCS	Code	Barcode	Quantity	€
Pencils 18 cm	● 51040	8001066510405	12	-
	● 51041	8001066510412	12	-
	● 51042	8001066510429	12	-

3 PCS	Code	Barcode	Quantity	€
Pencils 30 cm	● 50390	8001066503902	6	-



**BLISTERED
STONE PENCILS**

3 PCS	Code	Barcode	Quantity	€
Pencils 24 cm	● 50393	8001066503933	6	-

3 PCS	Code	Barcode	Quantity	€
Pencils 30 cm	● 50392	8001066503926	6	-



BIG CLUTCH PENCIL FOR INDUSTRIAL USE



Code	L	Ø			€
01089	14 cm	5,5 mm	8001066010899	1	-

- Pencil for industrial and construction
- Blue body with Rubber Touch effect
- Button
- Black giant mine: diam. 5.5 mm

MINE SPARE PARTS	Code			€
Black mine 90 mm 6 PIECES	● 01090	8001066010905	1	-



BIG CLUTCH PENCIL FOR INDUSTRIAL USE



Code	L	Ø			€
51080	14 cm	5,5 mm	8001066510801	1	-

- Pencil for industrial and construction
- Black Bakelite body
- Metallic button
- Black giant mine: diam. 5.5 mm

MINE SPARE PARTS	Code			€
Black mine 90 mm 6 PIECES	● 01090	8001066010905	1	-



02



Metal
Plastic
Stone
Ceramic
Wood
Glass

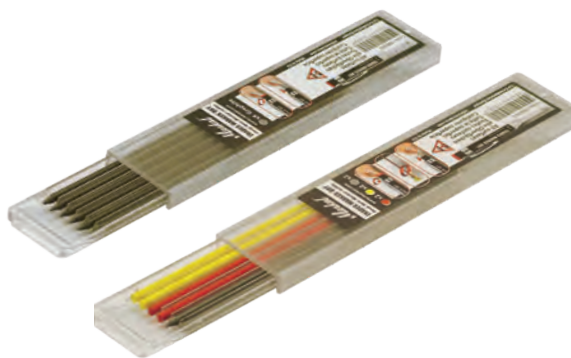


TRADES-MARKER®(*) DRY

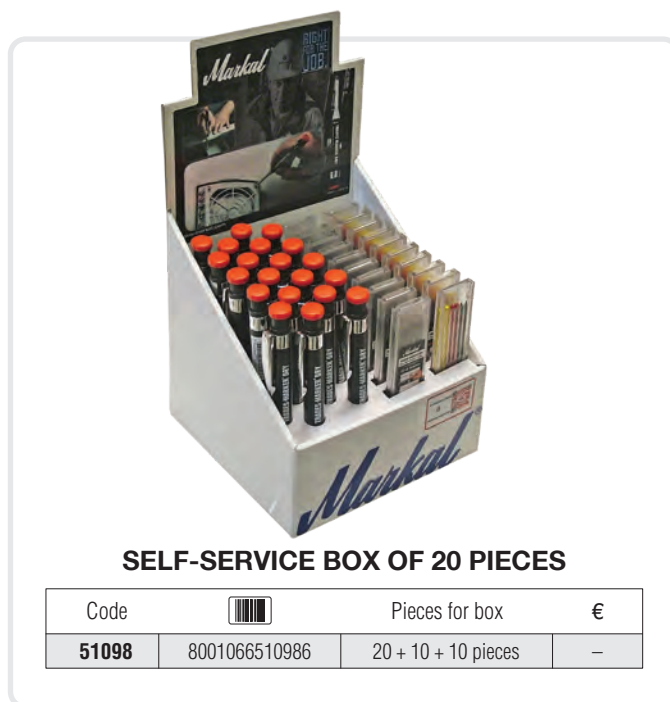
Code	L	Ø			€
51083	16 cm	2,8 mm	8001066510832	1	-

- Graphite clutch pencil
- Body and clip in metal
- Pocket size
- Tip length 45 mm (for hard-to-reach places)
- Button lead ejection
- Mine diameter 2,8 mm
- Writes on all surfaces
- With 6 spare refills (2 in black graphite, 2 in red wax, 2 in yellow wax)

* trademark registered by its owner



MINE SPARE PARTS	Code			€
6 PIECES 2 leads in black graphite 2 leads in yellow wax 2 leads in red wax	● 51093	8001066510931	1	-
6 PIECES Lead in black graphite	● 51094	8001066510948	1	-



SELF-SERVICE BOX OF 20 PIECES

Code		Pieces for box	€
51098	8001066510986	20 + 10 + 10 pieces	-



CARPENTER PENCIL WITH INTERCHANGEABLE MINE

Code	L	Ø			€
51105	18 cm	2 mm	8001066511051	10	-

- Mine locking
- ABS mine holder with 6 refills included
- Mines with rectangular section of 2 mm
- Incorporated sharpener



**ALL SCRIPT
100% GRAPHITE PENCIL**

Code	L			€
51150	16 cm	8001066511501	12	–
51151	16 cm	8001066511518	1	–

- Writes on all surfaces
- 100% graphite
- Writes 10 times more than a traditional pencil
- Tip always ready, without sharpener
- Does not dirty your hands
- Resistant to shock and breakage, slightly flexible
- Code 51151: 2 pcs in blister



Code 51151

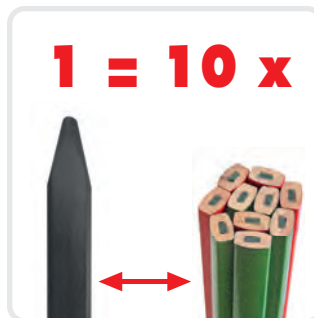


Code 51150



YouTube

Iron
Wood
Metal
Papier
Cardboard
Ceramic



HEXAGONAL INDUSTRIAL CRAYONS



Code							€	Code			€
50040	12	–	–	–	8001066500406	1	–	–	–	–	–
50041	–	12	–	–	8001066500413	1	–	–	–	–	–
50042	–	–	12	–	8001066500420	1	–	–	–	–	–
50043	–	–	–	12	8001066500437	1	–	–	–	–	–
–	1	1	1	1	–	–	–	86015	8001066860159	10	–



- Hexagonal crayons
- To mark on cold and hot **iron**, metal, wood, paper, cardboard, etc.
- Length 120 mm, Ø 12 mm

Iron
Wood
Metal
Paper
Cardboard



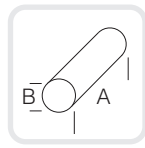
02

STEATITE CHALKS - Ø 5 mm






Code	A mm	B mm			€
50049	90 mm	5 mm	8001066500499	1	-



- Pocket cylindrical chalks
- Heat resistant
- To write on iron and metal
- 50 pcs in a box

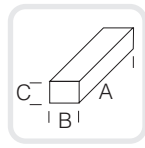


STEATITE CHALKS




Code	A x B x C mm				€	Code			€
50045	100 x 10 x 10	○	8001066500451	1	-	00045	8001066000456	5	-



- Squared natural crayons
- Heat resistant
- For marking on **iron and metal**
- Pack of 12 pcs

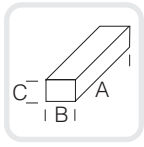


CHALKS

Code	A x B x C mm				€
50047	80 x 10 x 10	○	8001066500475	1	-



- Chalks
- Pack of 100 pcs





FOLLOW ME SPRAY

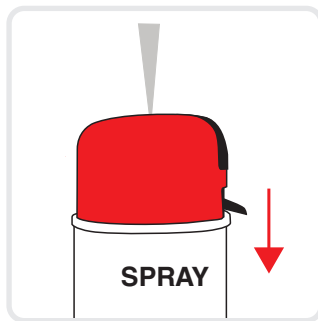
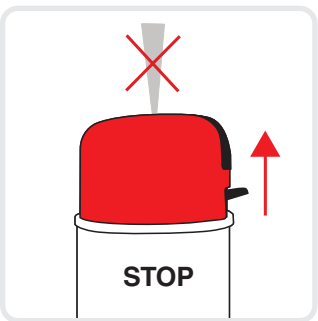
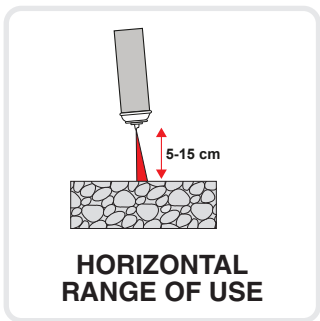
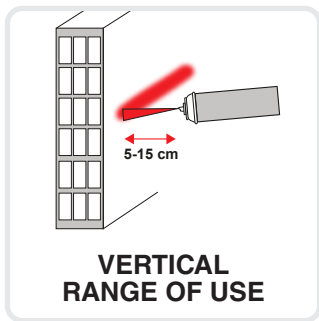
Code				€
50181		8001066501816	12	-
50182		8001066501823	12	-
50183		8001066501830	12	-
50184		8001066501847	12	-
50185		8001066501854	12	-
50186		8001066501861	12	-

- Construction site marker spray 500 ml
- Fluorescent colours - non-permanent
- Without plumb and CFC-free
- For net markings on any surface, even wet (**concrete, asphalt, stone, grass, sand**, etc.)
- Spray-locking safety cup
- Self-cleaning valve
- Application up to -20 °
- Long life
- Long-term stability
- Not harmful for nature

Concrete
Asphalt
Stone
Grass
Sand
Wet surfaces



**LASTS OVER TIME
AND WRITES LONGER!**



02



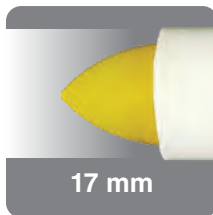
Metal Wood
Rubber Textile
Plastic Pipes
Asphalt Tubes
Stone Glass
Concrete



METRICA FOLLOW ME LIQUID INK MARKERS

Code	●	●	○	●	📊	📦	€
50140	24				8001066501403	1	–
50141		24			8001066501410	1	–
50142			24		8001066501427	1	–
50143				24	8001066501434	1	–
50148	6	6	6	6	8001066501489	1	–

- Indelible ink
- Ball tip
- **Marking on any surface**
- **Iron, wood, rubber, concrete, glass, marble**
- Pack of 24 pcs

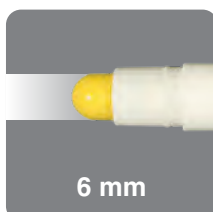


Metal Glass
Rubber Ceramic
Plastic Pipes
Wood Tubes
Stone
Concrete

QUIK STIK®(*)

Code	●	●	●	○	📊	📦	€
50150M	12				8001066501502	1	–
50151M		12			8001066501519	1	–
50152M			12		8001066501526	1	–
50153M				12	8001066501533	1	–

- Solid paint crayon
- Fast-drying 5/7 minutes
- Writes on all surfaces: wet, smooth, rough or hot
- Airtight cap
- **Marking size** 17 mm
- Packs of 12 pcs



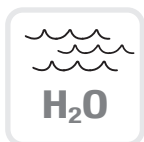
Metal Glass
Rubber Ceramic
Plastic Pipes
Wood Tubes
Stone
Concrete

QUIK STIK®(*) MINI

Code	●	●	●	○	📊	📦	€
50350M	12				8001066503506	1	–
50351M		12			8001066503513	1	–
50352M			12		8001066503520	1	–
50353M				12	8001066503537	1	–

- Solid paint crayon
- Fast-drying 5/7 minutes
- Writes on all surfaces: wet, smooth, rough or hot
- Cap with clip
- **Marking size** 6 mm
- Packs of 12 pcs

* trademark registered by its owner



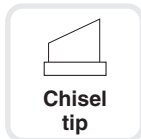
Metal
Wood
Bars
Stone
Concrete

PAINT STIK®(*)

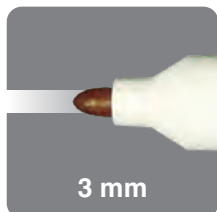
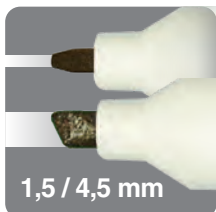
Code	○	●	●	Barcode	Box	€
50220M	12			8001066502202	1	–
50221M		12		8001066502219	1	–
50222M			12	8001066502226	1	–

- Solid paint crayon
- Fast-drying 5/7 minutes
- Adapted to rough or cold surfaces
- Long-life even under water
- Weather and UV resistant
- Coated with recycled paperboard
- **Marking size** 9,5 mm
- Packs of 12 pcs

DURA-INK® 55



DURA-INK® 60



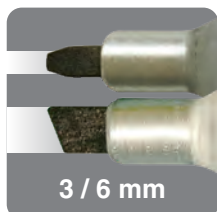
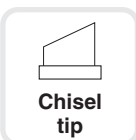
Metal
Pipes
Tubes
Plastic
Glass
Cardboard

Wood
Stone
Metal
sheets

DURA-INK®(*) 55 DURA-INK®(*) 60

Code	●	●	●	Barcode	Box	€
50001M	12			8001066500017	1	–
50002M		12		8001066500024	1	–
50003M			12	8001066500031	1	–
50004M	12			8001066500048	1	–
50005M		12		8001066500055	1	–
50006M			12	8001066500062	1	–

- Fast-drying industrial ink, wear- and water resistant
- Solid plastic barrel with clip-cap
- Ultra-hard round or chisel tip
- Dura-ink® 60 **marker size** 3 mm
- Dura-ink® 55 **marker size** 1,5/4,5 mm
- Packs of 12 pcs



Metal
Pipes
Tubes
Plastic
Glass
Cardboard

Wood
Stone
Metal
sheets

DURA-INK®(*) 25

Code	●	●	Barcode	Box	€
50007M	12		8001066500079	1	–
50009M		12	8001066500093	1	–

- Fast-drying industrial ink, wear- and water resistant
- Solid plastic barrel with clip-cap
- Versatile chisel tip for fine or broad marks
- **Marking size** 3/6 mm
- Packs of 12 pcs

* trademark registered by its owner



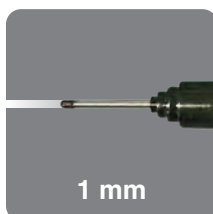
Metal
Pipes
Tubes
Plastic
Glass
Cardboard

Wood
Stone
Textile

DURA-INK®(*) 15

Code	●	●	●	📦	€
50100M	12			8001066501007	1 -
50101M		12		8001066501014	1 -
50102M			12	8001066501021	1 -

- Fast-drying industrial ink, wear- and water resistant
- Solid plastic barrel with clip-cap
- Extra-tough tip will not spread or mush
- Marking size** 1,5 mm
- Packs of 12 pcs



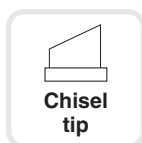
Metal
Pipes
Tubes
Plastic
Glass
Cardboard

Wood
Stone
Textile

DURA-INK®(*) 5

Code	●	📦	€
50018M	12	8001066500185	1 -

- Fast-drying industrial ink, wear- and water resistant
- Solid plastic barrel with clip-cap
- Micro tip with extended nose ideal for marking through holes and hard to reach areas
- Marking size** 1 mm
- Packs of 12 pcs








ALCOHOL TRATTO MARKER(*)

Code	●	●	●	●	📦	€
50011	20				8001066500116	1 -
50012		20			8001066500123	1 -
50013			20		8001066500130	1 -
50014				20	8001066500147	1 -

- Original Filafila** marker
- Alcohol** permanent ink **for all surfaces**
- Plastic body
- Chisel tip
- 20 pcs in a box

TRAFFIC MARKER





Code	A x B mm				€
50070	140 x 20		8001066500703	12	–
50071	140 x 20		8001066500710	12	–
50072	140 x 20		8001066500727	12	–



- High quality
- Oil chalk
- Indelible, waterproof, **writes on wet**

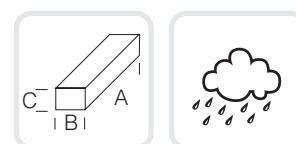


TRAFFIC MARKING BIG SIZE



Code	A x B x C mm				€
50050	200 x 50 x 30		8001066500505	1	–
50051	200 x 50 x 30		8001066500512	1	–

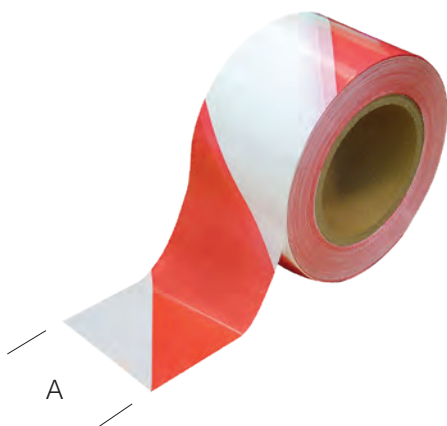


- Oil chalk
- **Waterproof**



SIGNAL TAPE

Code	L	A			€
60120	200 m	70 mm	8001066601202	6	–
60122	100 m	70 mm	8001066601226	1	–
60132	100 m	50 mm	8001066601325	1	–



- Signal tape
- White/red polyethylene tape

PLUMB LINE - CYLINDRICAL TYPE



Code				€
60350	100	8001066603503	5	–
60352	200	8001066603527	5	–
60353	300	8001066603534	5	–
60354	400	8001066603541	5	–
60355	500	8001066603558	5	–

- Cylindrical plumb line
- Powder coated
- Brass screw
- Includes 5 m wire and plate

PLUMB LINE - CONICAL TYPE



Code				€
60363	300	8001066603633	5	–
60364	400	8001066603640	5	–

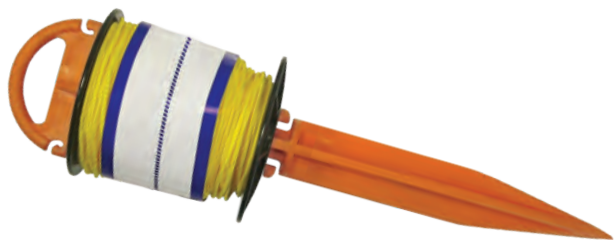
- Conical plumb line
- Powder coated
- Brass screw
- Includes 5 m wire and plate

BRICKLAYER WIRE



Code	m				€
60201	25	○	8001066602018	10	–
60202	500	○	8001066602025	1	–
60205	50	●	8001066602056	1	–

- Code **60201** and **60202**: white bricklayer wire, plastic
- Code **60205**: green bricklayer wire, nylon



REEL LINE

Code	L	Ø			€
60390	50 m	1,5 mm	8001066603909	5	–

- Rolling reel
- Support with resistant locking device
- Yellow polypropylene rope



HAND LINE

Code	L	Ø			€
60391	50 m	1,5 mm	8001066603916	1	–

- Ergonomic handle with line lock system
- Support with resistant locking device
- Yellow polypropylene braided rope



SYNTHETIC DYE FOR INDOOR AND OUTDOOR USE

Code					€
60190	1000		8001066601905	1	–
60191	1000		8001066601912	1	–
60192	750		8001066601929	1	–
60193	750		8001066601936	1	–
60194	500		8001066601943	1	–
60195	500		8001066601950	1	–
60196	1000		8001066601967	1	–
60197	1000		8001066601974	1	–
60198	750		8001066601981	1	–

- Synthetic dye for indoor and outdoor use
- Ideal for concrete slabs, floors, fireplaces, granite, mosaics, tiles, plaster



NATURAL COLOURINGS

Code					€
60220	1		8001066602209	1	–
60221	1		8001066602216	1	–
60222	1		8001066602223	1	–
60223	1		8001066602230	1	–

- Natural color for indoor and outdoor use
- UV rays resistant
- Ideal for concrete, fireplaces, lime plasters



CHALK LINE - ABS CASE

Code	L mm			€
60110	25	8001066601103	6	–

- Refillable chalk-line
- Includes 25 meters of cord and 150 g of blue powder
- ABS ergonomic plastic body
- Cotton cord Ø 2 mm
- In blister

SPARE PARTS	Code			€
Pack of 150 g powder	60112	8001066601127	12	–
	60101	8001066601011	1	–
Cord 50 m	60114	8001066601141	1	–



CHALK-LINE REFILABLE ABS CASE

Code	L mm			€
60095	30	8001066600953	1	–

- Refillable chalk-line
- Includes 30 meters of cord and 100 g of blue powder
- ABS plastic ergonomic body with bottle plug to use as handle
- Total capacity 200 g
- In blister

SPARE PARTS	Code			€
Pack of 100 g powder	60096	8001066600960	12	–



CHALK-LINE REFILABLE ALUMINIUM CASE

Code	L mm			€
60126	30	8001066601264	1	–

- Refillable chalk-line
- Includes 30 meters of cord and 100 g of blue powder
- Die-cast aluminum body with bottle plug to use as handle
- Total capacity 150 g
- In blister

SPARE PARTS	Code			€
Pack of 100 g powder	60123	8001066601233	1	–

BIG SIZE ABS CHALK-LINE

Code	L			€
60097	50 m	8001066600977	6	-

- Professional refillable chalk-line suitable for roads and construction sites
- Includes 50 m of high resistance (55 kg) cord Ø 3 mm
- ABS ergonomic body with handgrip
- Steel handle
- Total capacity: 400 g



SPARE PARTS	Code			€
Pack of 1000 g powder	69098	8001066690985	10	-
50 m cord without handle	69097	8001066690978	1	-

MARKING CHALK

Code					€
60113	400		8001066601134	1	-
60133	400		8001066601332	1	-
60127	1000		8001066601271	1	-
60128	1000		8001066601288	1	-
60140	3500		8001066601400	1	-
60141	3500		8001066601417	1	-

- Intensive color
- **UV resistant** marking
- Good adhesion
- **Pack of 400 g**



FLUOMARK(*)

Code					€
60138	200		8001066601387	1	-
60139	200		8001066601394	1	-

- High visibility
- **Fluorescent colors**
- Good adhesion
- **Pack of 200 g**



* trademark registered by its owner

DRILL HOLDER

Code				€
68130	–	8001066681303	10	–

- Made of leather



BELT

Code	L			€
69638	125 cm	8001066696383	5	–

- Made of leather



CARPENTER NYLON BAG

Code	A x B			€
68132	24 x 11 cm	8001066681327	5	–

- In nylon



CARPENTER NYLON BAG

Code	A x B			€
68135	22 x 22 cm	8001066681358	5	–

- In nylon
- 1 pocket



CARPENTER NYLON BAG

Code	A x B			€
68137	28 x 26 cm	8001066681372	5	–

- In nylon
- 2 pockets



CEMENTER PINCER

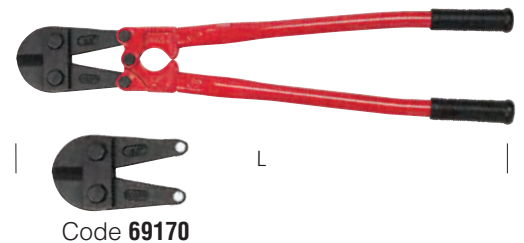
Code	L			€
69180	220 mm	8001066691807	10	–
69181	250 mm	8001066691814	10	–

- PVC coated handle



BOLT CUTTERS

Code	L			€
69160	350 mm	0800106691603	6	–
69170		0800106691702	6	–



Code **69170**

SILICON GUN

Code				€
68250	–	8001066682508	12	–



- Refill 300 ml Ø 50 mm
- Aluminium handle
- Galvanized push bar

PROFESSIONAL SILICON GUN

Code				€
68255	–	8001066682553	12	–

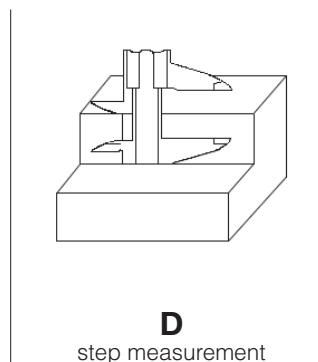
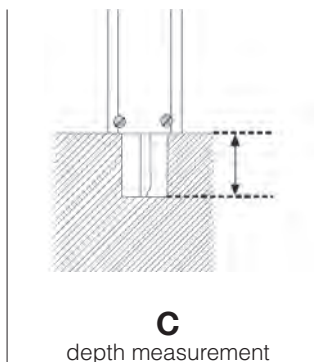
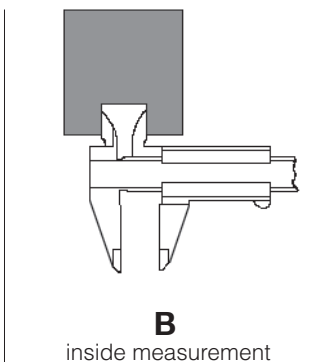
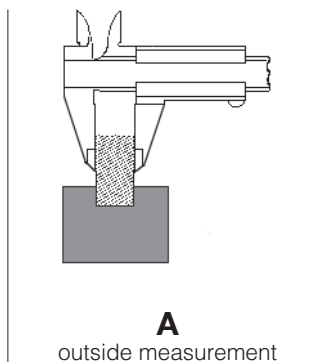


- Refill 300 ml Ø 50 mm
- Cast aluminium handle
- Aluminium body

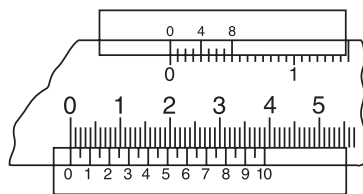
MEASURING WAYS:

TRADITIONAL VERNIER CALIPER
4 WAYS MEASUREMENT CALIPER

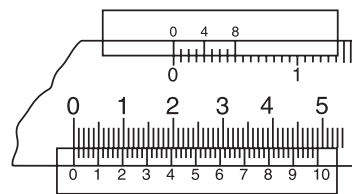
A + B + C
A + B + C + D



VERNIER:



1/20 mm (0,05 mm + 1/128")

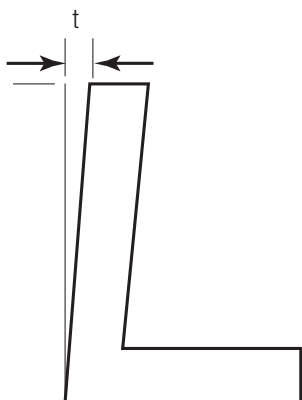


1/50 mm (0,02 mm + 1/128")

TOLERANCE DIN 862



Length in mm	Tolerance ± mm
0 ÷ 200	± 0,04
200 ÷ 300	± 0,05
300 ÷ 400	± 0,07
400 ÷ 500	± 0,08
500 ÷ 600	± 0,09
600 ÷ 700	± 0,10
700 ÷ 800	± 0,11
800 ÷ 900	± 0,12
900 ÷ 1000	± 0,13
1000 ÷ 1100	± 0,14

TOLERANCE DIN 875



L	t = ± mm			
	00	0	1	2
50	0,003	-	-	-
75	0,003	0,007	0,014	0,028
100	0,003	0,007	0,015	0,030
150	0,004	0,008	0,018	0,035
200	0,004	0,009	0,020	0,040
250	0,005	0,010	0,023	0,045
300	0,005	0,011	0,025	0,050
500	0,007	0,015	0,035	0,070

HIGH VISIBILITY DIGITAL CALIPER



Code	A mm	B mm	mm	inch			€
10080	0-150	40	0,01	0,0005	8001066100804	1	-



- Professional model
- Hardened stainless steel
- 4 measure available
- High visibility LCD screen - giant numbers
- ABS function
- Self-locking
- Resolution: 0.01 mm/0.0005 inch
- Repeatability: 0.01 mm/0.0005 inch
- Accuracy: 0.02 mm/0.001 inches
- Operating temperature 0 °C to 40 °C
- Buttons: ON/OFF, zero, ABS, mm/inch
- Data output: jack std 4-way 2,5 mm

Not for sale in D / UK / USA / JAP



DIGITAL CALIPER IP 65

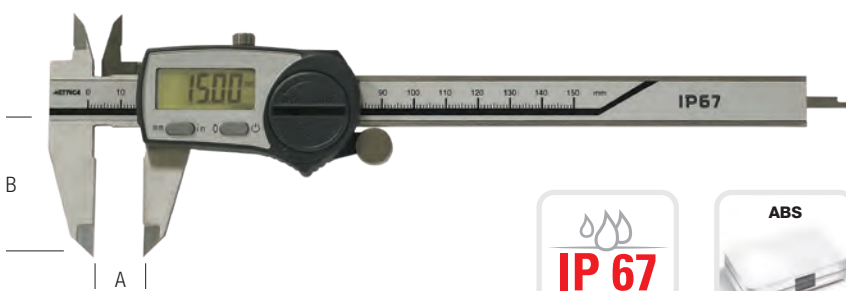
Code	A mm	B mm	mm	inch			€
10001	0-150	40	0,01	0,0005	8001066100019	1	-



- IP 65 protection
- Waterproof and resistant to oil, dust, metal particles
- Hardened stainless steel
- Reading: 0,01 mm
- Accuracy: $\pm 0,02$ mm
- Repeatability: $\pm 0,01$ mm
- 4 measurement functions
- 3 buttons: ON/OFF, zero, mm/inch



DIGITAL CALIPER IP 67

Code	A mm	B mm	mm	inch			€
10018	0-150	40	0,01	0,0005	8001066100187	1	-



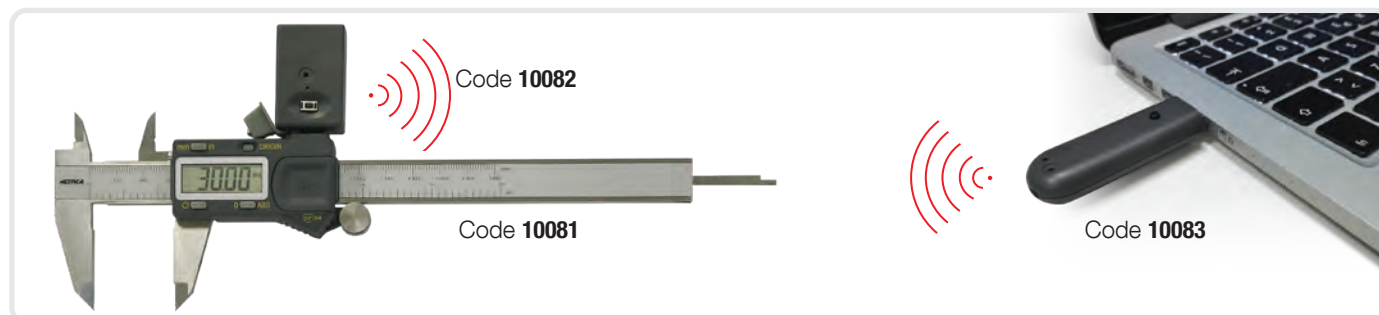
- Hardened stainless steel
- Professional model
- IP 67 protection
- Waterproof and resistant to oil, dust, metal particles
- 4 measurement functions
- High visibility LCD screen
- Made according to DIN 862
- Buttons: ON/OFF, zero, mm/inch
- Reading: 0,01 mm
- Accuracy: $\pm 0,02$ mm
- Repeatability: $\pm 0,01$ mm

DIGITAL CALIPER IP 54 OUTPUT DATA




Code	A mm	B mm	mm	inch			€
10081	0-150	40	0,01	0,0005	8001066100811	1	-

- Prepared for wireless data transmission
- Hardened stainless steel
- Professional model
- **IP 54 protection**
- 4 measurement functions
- High visibility LCD screen
- Made according to DIN862
- Buttons: ON / OFF, Zero, ABS, mm / inch
- Resolution 0.01 mm
- Repeatability 0.01 mm
- Accuracy 0.01 mm
- Data output

Not for sale in D / UK / USA / JAP



KIT DATA TRANSFER FOR DIGITAL CALIPER IP 54

Code				€
10082	20 m	8001066100820	1	-
10083	20 m	8001066100835	1	-

Wireless Data Transmitter Code 10082 for data transmission to Personal Computers

- Connects to the caliper Code **10081**
- Usable with PC receiver **10083**
- Operating frequency: 2400 / 2483.5 MHz
- Operating distance 20 m

Wireless Data Receiver Code 10083 for data transmission to Personal Computers

- Can be used with transmitter Code **10082**
- **It can handle 8 devices Code 10082 simultaneously**
- Operating frequency: 2400 / 2483.5 MHz
- Operating distance 20 m



Code 10082

Code 10083

DIGITAL CALIPER BIG DIGITS (11 mm)

Code	A mm	B mm	mm	inch			€
10017	0-150	40	0,01	0,0005	8001066100170	1	-

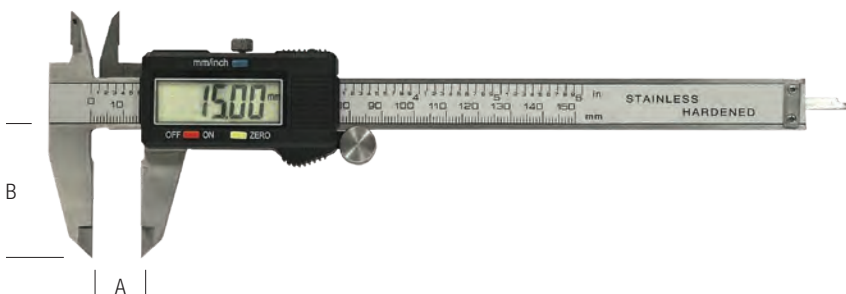
- Hardened stainless steel
- Big figures display (11 mm)
- 4 ways of measurement
- 3 buttons:
 - on/off (manual)
 - reset for comparative measures ±
 - mm/inch conversion
- Accuracy 0.02 mm
- Repeatability 0.01 mm



DIGITAL CALIPER BIG DIGITS (11 mm)

Code	A mm	B mm	mm	inch			€	Code			€
10002	0-155	40	0,01	0,0005	8001066100026	1	-	00002	8001066000029	1	-
10008	0-200	40	0,01	0,0005	8001066100088	1	-	-	-	-	-
10009	0-300	50	0,01	0,0005	8001066100095	1	-	-	-	-	-

- Hardened stainless steel
- Big figures display (11 mm)
- 4 ways of measurement
- 3 buttons:
 - on/off (manual)
 - reset for comparative measures ±
 - mm/inch conversion
- Accuracy 0.02 mm
- Repeatability 0.01 mm



CARBON FIBER DIGITAL CALIPER

Code	A mm	B mm	mm	inch			€
10745	0-150	40	0,1	—	8001066107452	5	—

- Carbon Fiber
- Giant numbers
- Capacity 150 x 0,1 mm
- Supplied in blister



DIGITAL DEPTH CALIPER

Code	A mm	B mm	mm	inch			€
12145	0-200	100	0,01	0,0005	8001066121458	1	—

- Hardened stainless steel
- 3 buttons:
 - ON (manual) / OFF (automatic)
 - reset for comparative measurements ±
 - conversion mm/inch
- Repeatability 0.01 mm
- ABS case
- Accuracy ± 0.02 mm



DIGITAL ELECTRONIC CALIPER

Code	A mm	B mm	mm	inch			€
12110	0-300	60	0,01	0,0005	8001066121106	1	—
12111	0-500	100	0,01	0,0005	8001066121113	1	—
12113	0-1000	120	0,01	0,0005	8001066121137	1	—

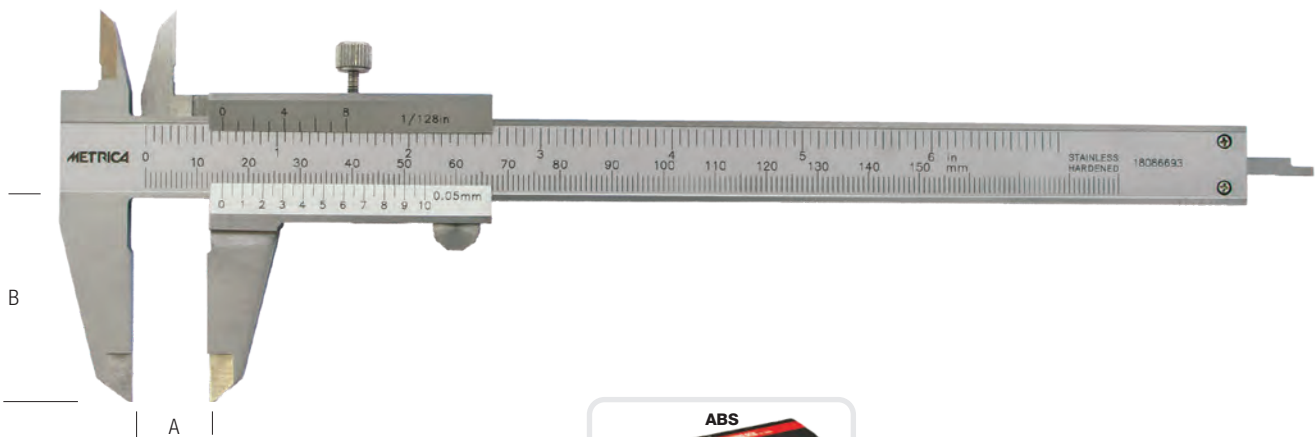
- Hardened stainless steel
- Micrometric screw for fine adjustment
- Digital display:
 - on/off (manual)
 - reset for comparative measurements ±
 - mm/inch conversion
- Repeatability 0,01 mm
- Wooden case



PRECISION MONOBLOCK VERNIER CALIPER

Code	A mm	B mm	mm inch			€
10074	0-150	40	0,05 1/128	8001066100743	1	-

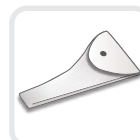
- DIN 862
- Hardened stainless steel
- Monoblock
- Locking screw
- 4 measuring functions
- Matt graduated scale
- Threaded table on the back side
- ABS case



HIGH QUALITY VERNIER CALIPER

Code	A mm	B mm	mm inch			€
10061	0-150	40	0,05 1/128	8001066100613	1	-

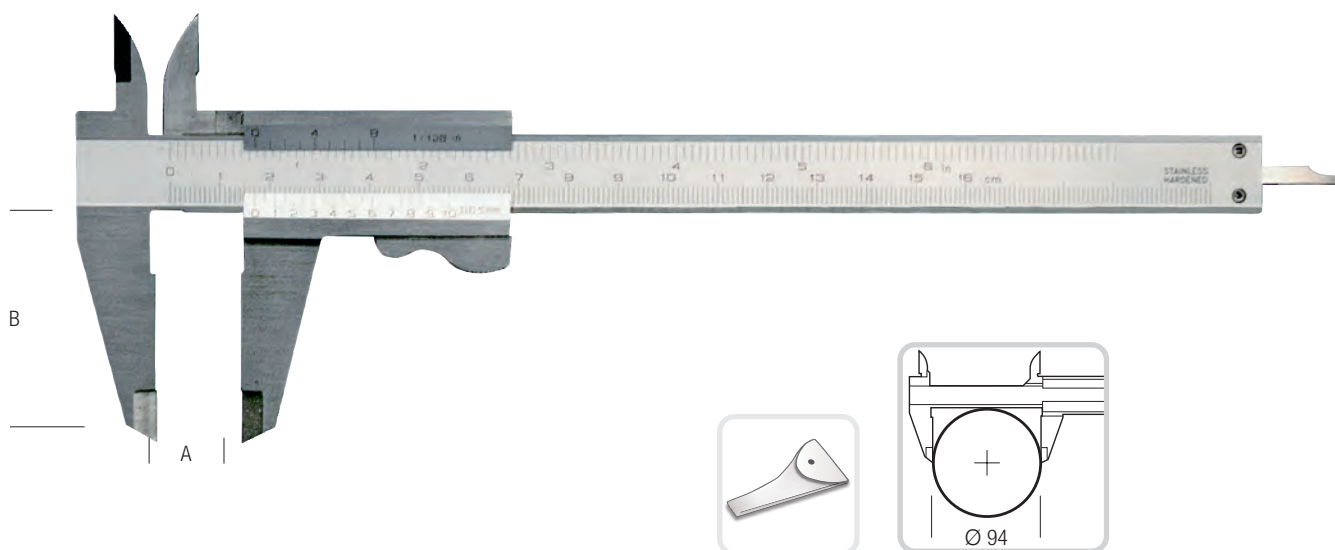
- DIN 862
- Hardened stainless steel
- Monoblock
- Screw locking
- 4 measurement functions
- Graduated matte scale
- Synthetic pouch



MONOBLOCK PRECISION VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10051	0-160	47	0,05	1/128	8001066100514	1	-

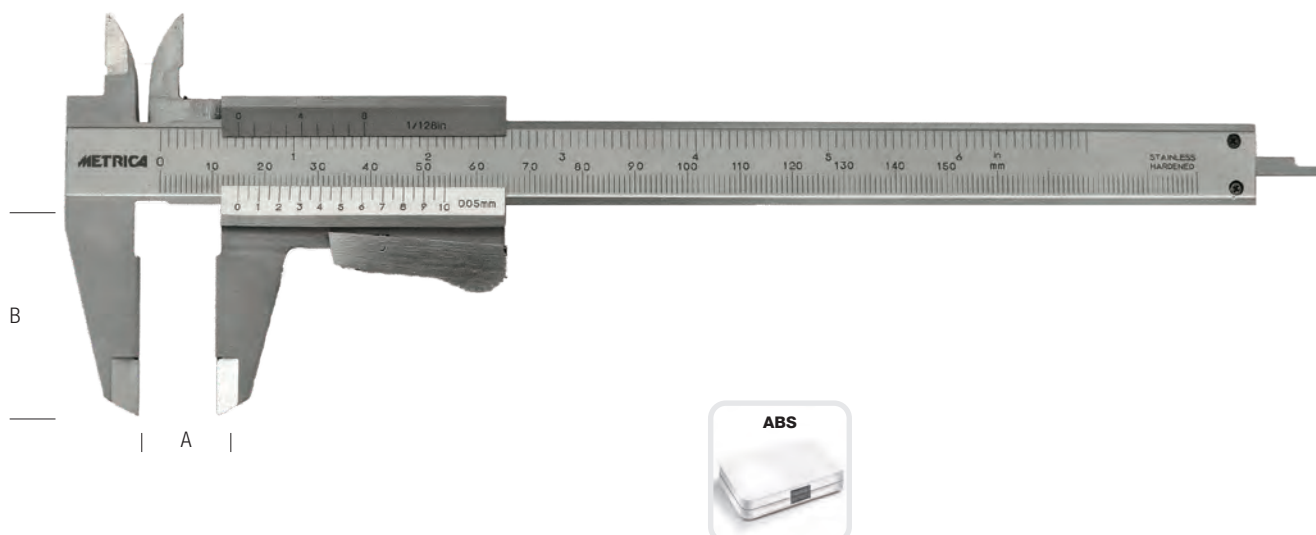
- Hardened stainless steel
- Monoblock
- **Long jaws (47 mm)** for diameter measurement until 94 mm
- **Exclusive locking system with lever that keeps the beaks always perfectly parallel**
- 4 measurement functions
- Chromium plated scale
- Table thread engraved on back side
- Synthetic pouch



MONOBLOCK VERNIER CALIPER

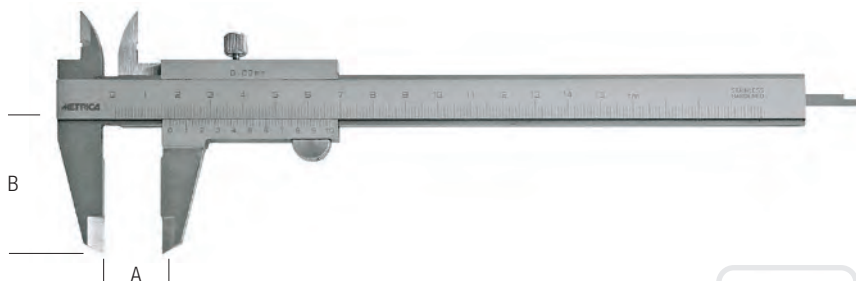
Code	A mm	B mm	mm	inch			€
10072	0-150	40	0,05	1/128	8001066100729	1	-

- Hardened stainless steel
- Monoblock
- 4 measuring functions
- Lever locking system
- Matt graduated scale
- ABS case



NO PARALLAX MONOBLOCK VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10013	0-150	40	0,02	1/128	8001066100132	1	-



- Hardened stainless steel
- Monoblock
- No parallax: graduation and vernier on the same plane
- Locking screw
- 4 measurement functions
- Chromium plated scale
- ABS case

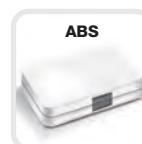


MONOBLOCK PRECISION VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10058	0-200	45	0,02	-	8001066100583	1	-
10059	0-200	45	0,02	-	8001066100590	1	-



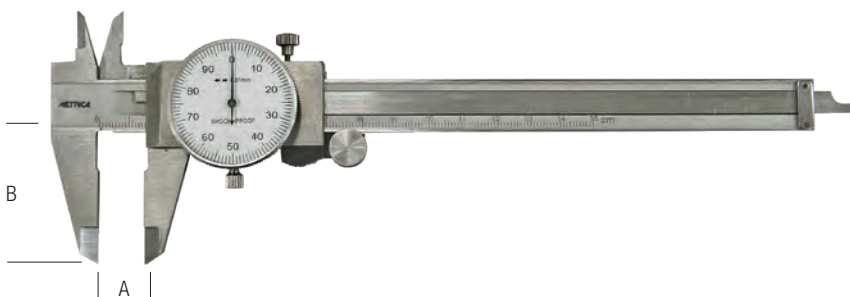
- Hardened stainless steel
- Monoblock
- Long jaws (45 mm) for diameter measurement until 90 mm
- Locking screw
- 4 measurement functions
- Chromium plated scale
- ABS case



Code **10059** with flexible stainless rule 200 mm

DIAL CALIPER

Code	A mm	B mm	mm	inch			€
10023	0-150	40	0,01	-	8001066100231	1	-
10024	0-200	50	0,02	-	8001066100248	1	-



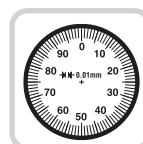
- Hardened stainless steel
- 4 measurement functions
- Hidden rack
- Resettable dial in any position
- Locking screw

Code **10023**: 1 rev = 1 mm, **reading 0.01 mm**

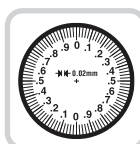
Code **10024**: 1 rev = 2 mm, reading 0.02 mm



Code **10023**

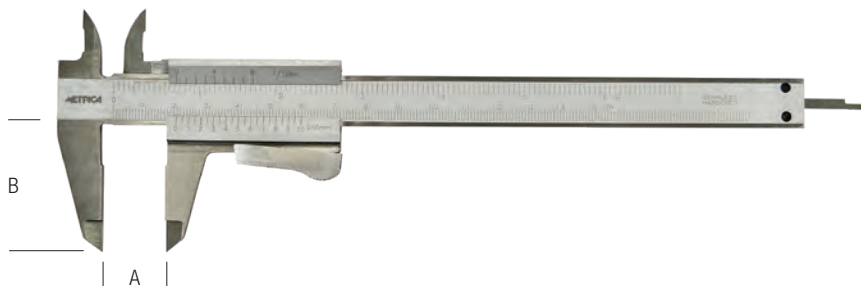


Code **10024**



MONOBLOCK VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10037	0-155	40	0,05	1/128	8001066100378	5	-

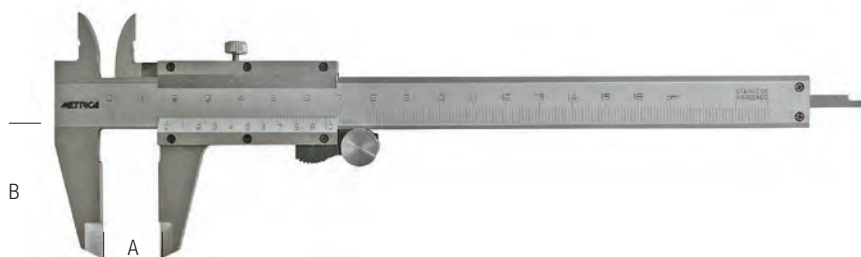


- Hardened stainless steel
- Monoblock
- Locking system with lever
- 4 measurement functions
- ABS case

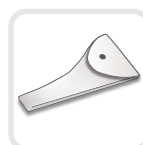


PRECISION VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10055	0-155	40	0,02	-	8001066100552	1	-

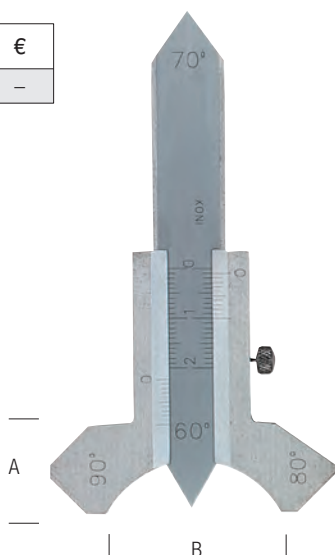


- Hardened stainless steel
- Chromium plated scale
- With roller
- Locking screw
- 4 measurement functions
- Synthetic leather pouch

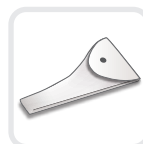


WELDING SEAM GAUGE



Code	A mm	B mm	mm	inch			€
10480	0-20	40	0,1	-	8001066104802	1	-



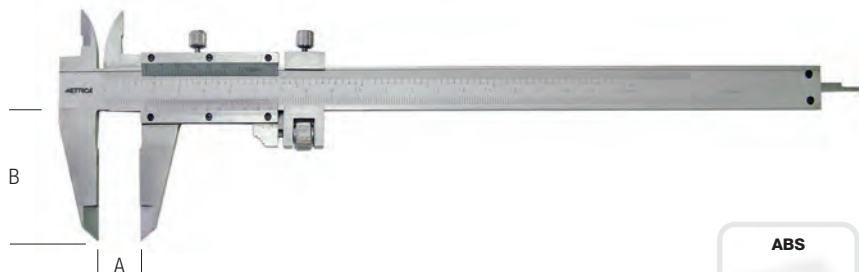
- Welding gauge
- Stainless steel
- Chromium plated scale
- Angles 60°, 70°, 80°, 90°
- Synthetic leather pouch





PRECISION CALIPER WITH FINE ADJUSTMENT

Code	A mm	B mm	mm	inch			€
10067	0-200	45	0,02	1/1000	8001066100675	1	-

- Chrome steel 200 x 0,02 mm
- Chromium plated scale
- Locking screw
- 4 measurement functions
- Fine adjustment
- ABS case



WORKSHOP VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10075	0-150	40	0,02	1/1000	8001066100750	1	-

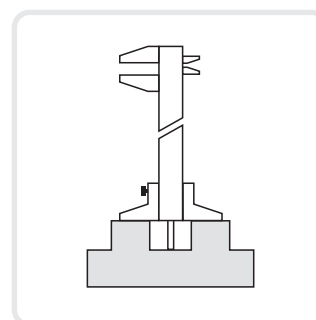
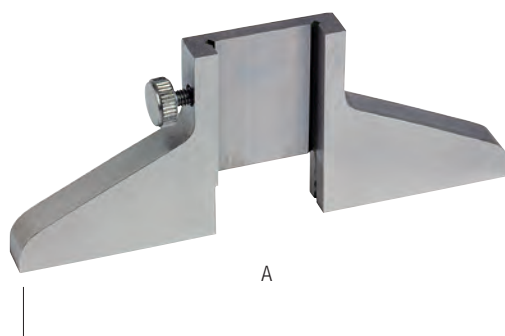
- Chrome steel 150 x 0,02 mm
- Chromium plated scale
- Locking screw
- 4 measurement functions
- ABS case



DEPTH BASE ATTACHMENT

Code	A mm			€
10105	76	8001066101054	1	-

- Base for vernier calipers
- For depth measurements through the rod gauge



WORKSHOP VERNIER CALIPER

Code	A mm	B mm	mm	inch			€	Code			€
10039	0-155	40	0,05	1/128	8001066100392	5	-	00039	8001066000395	5	-

- Hardened stainless steel
- Chromium plated scale
- Lever locking system
- 4 measurement functions
- ABS case



SCHOOL TYPE VERNIER CALIPER

Code	A mm	B mm	mm	inch			€	Code			€
10038	0-150	40	0,05	1/128	8001066100385	5	-	00038	8001066000388	5	-
10031	0-200	40	0,05	1/128	8001066100316	1	-	-	-	-	-

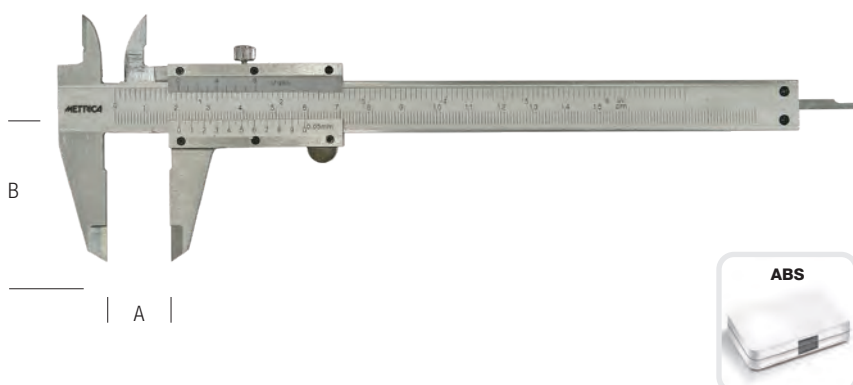
- Hardened stainless steel
- Chromium plated scale
- Lever locking system
- 4 measurement functions
- Synthetic leather pouch



WORKSHOP VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10064	0-155	40	0,05	1/128	8001066100644	5	-

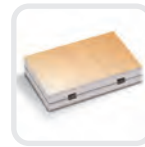
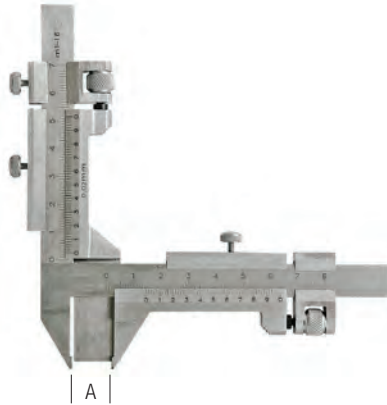
- Hardened stainless steel
- Chromium plated scale
- Locking screw
- 4 measurement functions
- ABS case



GEAR VERNIER CALIPER

Code	A mm	mm	inch			€
10181	mod. 1 ÷ 18	0,02	—	8001066101818	1	—

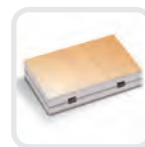
- Hardened stainless steel
- For gear tooth distances
- Two verniers with fine adjustment
- Wooden case



DEPTH VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
10151	0-200	100	0,02	—	8001066101511	1	—
10153	0-300	100	0,02	—	8001066101535	1	—

- Hardened stainless steel
- Chromium plated scale
- Locking screw
- Wooden case



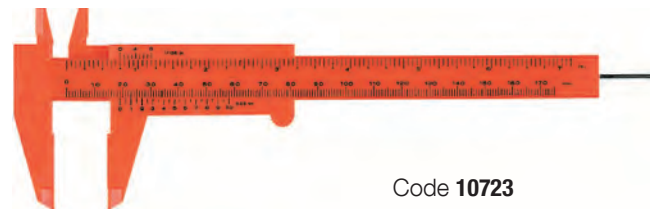
ABS VERNIER CALIPER

Code	A mm	B mm	mm	inch			€	Code			€
10722	0-150	40	0,10	—	8001066107226	10	—	00722	8001066007226	10	—
10723	0-150	40	0,10	—	8001066107230	10	—	—	—	—	—

- **ABS vernier caliper**
- Without parallax, vernier and graduation on the same plane



Code 10722

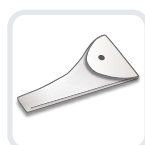
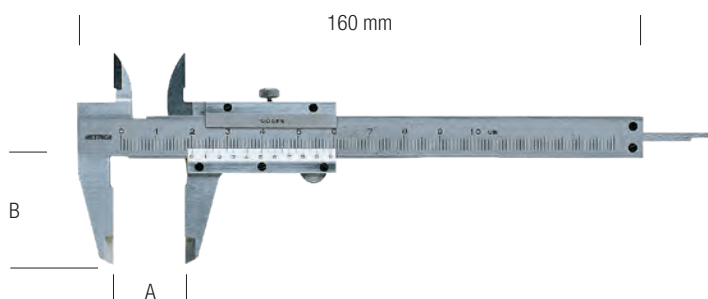


Code 10723

MINI POCKET VERNIER CALIPER

Code	A mm	B mm	mm	inch			€	Code			€
10011	0-97	30	0,05	—	8001066100118	5	—	00011	8001066000111	5	—

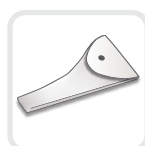
- Pocket size
- Hardened stainless steel
- Chromium plated scale
- Locking screw
- Synthetic leather pouch



BUTTON SLIDE GAUGE

Code	A mm	B mm	mm	inch			€	Code			€
10801	0-95	20	1	—	8001066108015	5	—	00801	8001066008018	10	—

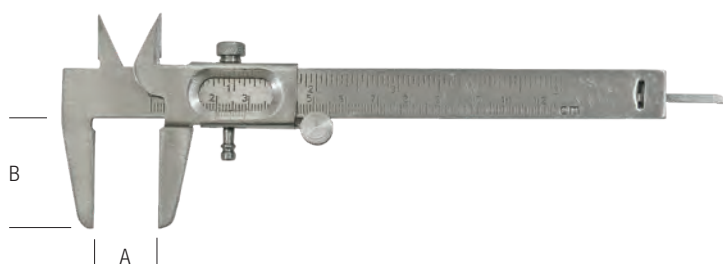
- Special gauge for buttons (English)
- In brass
- Scale: mm



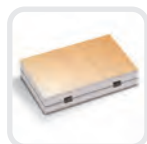
SMALL CALIPER

Code	A mm	B mm	mm	inch			€
10700	0-120	35	0,10	1/16	8001066107001	5	—
10701	0-150	35	0,10	1/16	8001066107018	5	—

- Steel pocket caliper
- Locking screw
- Dragging wheel



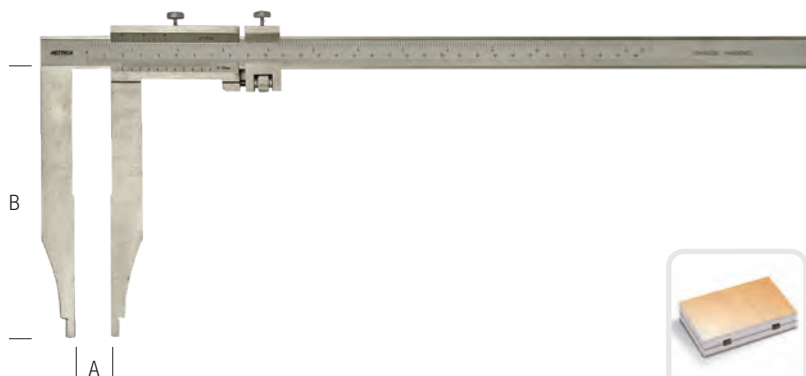
PRECISION VERNIER CALIPER



Code	A mm	B mm	mm	inch			€
11020	0-200	80	0,02	1/64	8001066110209	1	-
11021	0-250	80	0,02	1/64	8001066110216	1	-
11022	0-300	100	0,02	1/64	8001066110223	1	-
12040	0-500	150	0,02	1/128	8001066120406	1	-
12041	0-600	115	0,02	1/128	8001066120413	1	-
12043	0-800	150	0,02	1/128	8001066120437	1	-
12044	0-1000	150	0,02	1/128	8001066120444	1	-
12045	0-1200	150	0,02	1/128	8001066120451	1	-
12046	0-1500	150	0,02	1/128	8001066120468	1	-
12047	0-2000	300	0,02	1/128	8001066120475	1	-
12048	0-2500	300	0,02	1/128	8001066120482	1	-
12049	0-3000	300	0,02	1/128	8001066120499	1	-

- Hardened stainless steel
- Fine adjustment micrometric screw
- Screw locking
- Wooden case

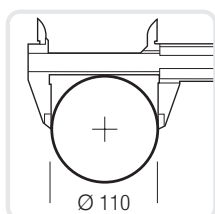
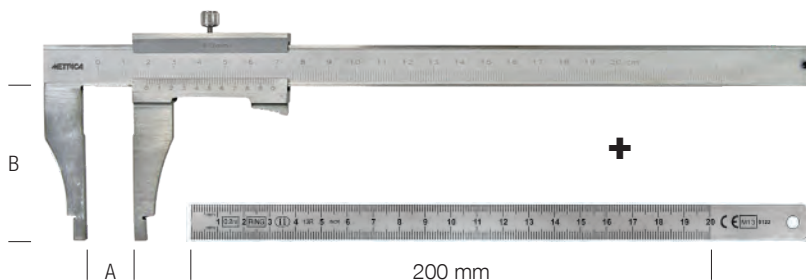
LONG JAWS PRECISION VERNIER CALIPER



Code	A mm	B mm	mm	inch			€
12120	0-300	150	0,02	1/128	8001066121205	1	-
12121	0-500	200	0,02	1/128	8001066121212	1	-
12122	0-600	250	0,02	1/128	8001066121229	1	-
12123	0-800	300	0,02	1/128	8001066121236	1	-

- Hardened stainless steel
- Matt chromium plated scale
- Fine adjustment micrometric screw
- **Long jaws suitable for long diameters**
- Locking screw
- Wooden case



PRECISION VERNIER CALIPER FOR TURNERS



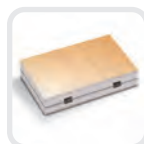
Code	A mm	B mm	mm	inch			€
11035	0-200	55	0,02	-	8001066110353	1	-

- Hardened stainless steel
- Chromium plated scale
- Long jaws 55 mm
- Screw locking
- Supplied with flexible rule 200 mm
- ABS case



WORKSHOP VERNIER CALIPER

Code	A mm	B mm	mm	inch			€
12050	0-500	80	0,02	—	8001066120505	1	—
12051	0-600	80	0,02	—	8001066120512	1	—
12053	0-1000	125	0,02	—	8001066120536	1	—

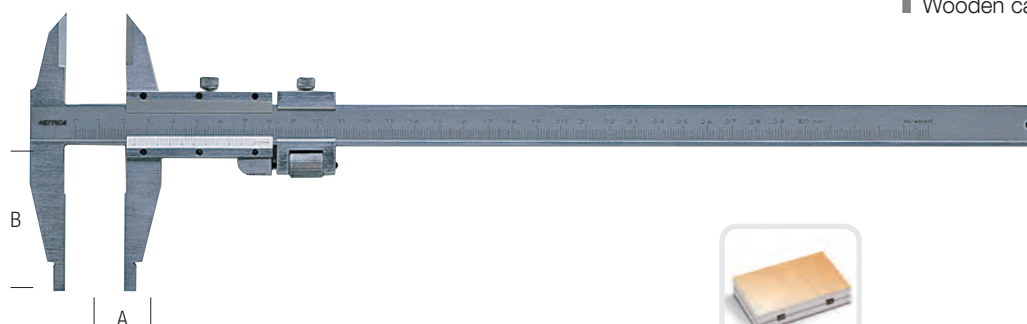
- Hardened stainless steel
- Matt chromium plated scale
- Fine adjustment micrometric screw
- Screw locking
- Wooden case





PRECISION VERNIER CALIPER OUTSIDE TIPS

Code	A mm	B mm	mm	inch			€
12072	0-300	60	0,02	—	8001066120727	1	—

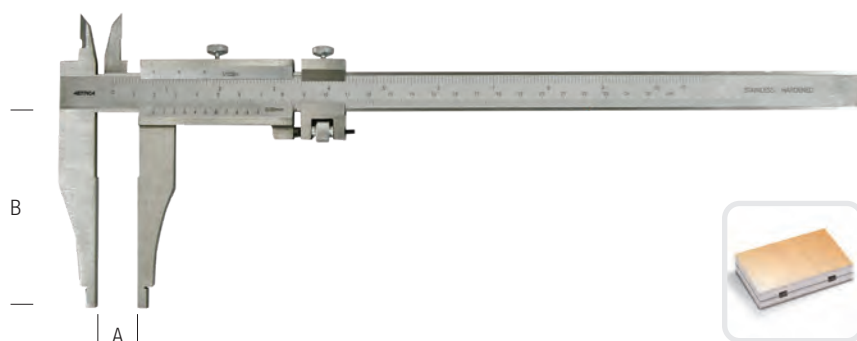
- Hardened stainless steel
- Matt chromium plated scale
- Outside counter tips
- Fine adjustment micrometric screw
- Screw locking
- Wooden case



PRECISION VERNIER CALIPER INSIDE TIPS

Code	A mm	B mm	mm	inch			€
12091	0-250	60	0,02	1/128	8001066120918	1	—
12092	0-300	80	0,02	1/128	8001066120925	1	—

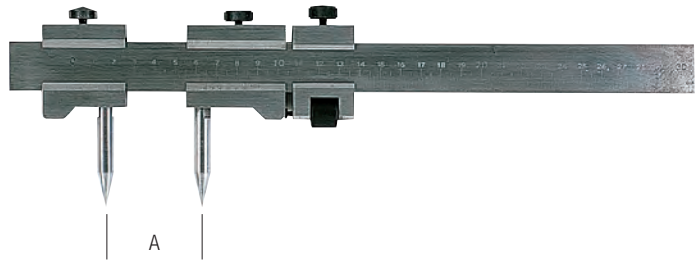
- Hardened stainless steel
- Matt chromium plated scale
- Inside counter tips
- Fine adjustment micrometric screw
- Locking screw
- Wooden case



PRECISION TRAMMEL

Code	A mm	mm inch			€
48071	500	0,05	—	8001066480715	1 —
48072	1000	0,05	—	8001066480722	1 —
48073	1500	0,05	—	8001066480739	1 —
48074	2000	0,05	—	8001066480746	1 —

- Stainless steel
- Engraved graduation
- Fine adjustment
- Changeable hardened steel tips





CALIPER FOR TREES

Code	A cm	B cm	mm cm		€
10903	60	35	1	8001066109036	1 —
10904	80	45	1	8001066109043	1 —
10905	100	55	1	8001066109050	1 —
10906	120	65	1	8001066109067	1 —

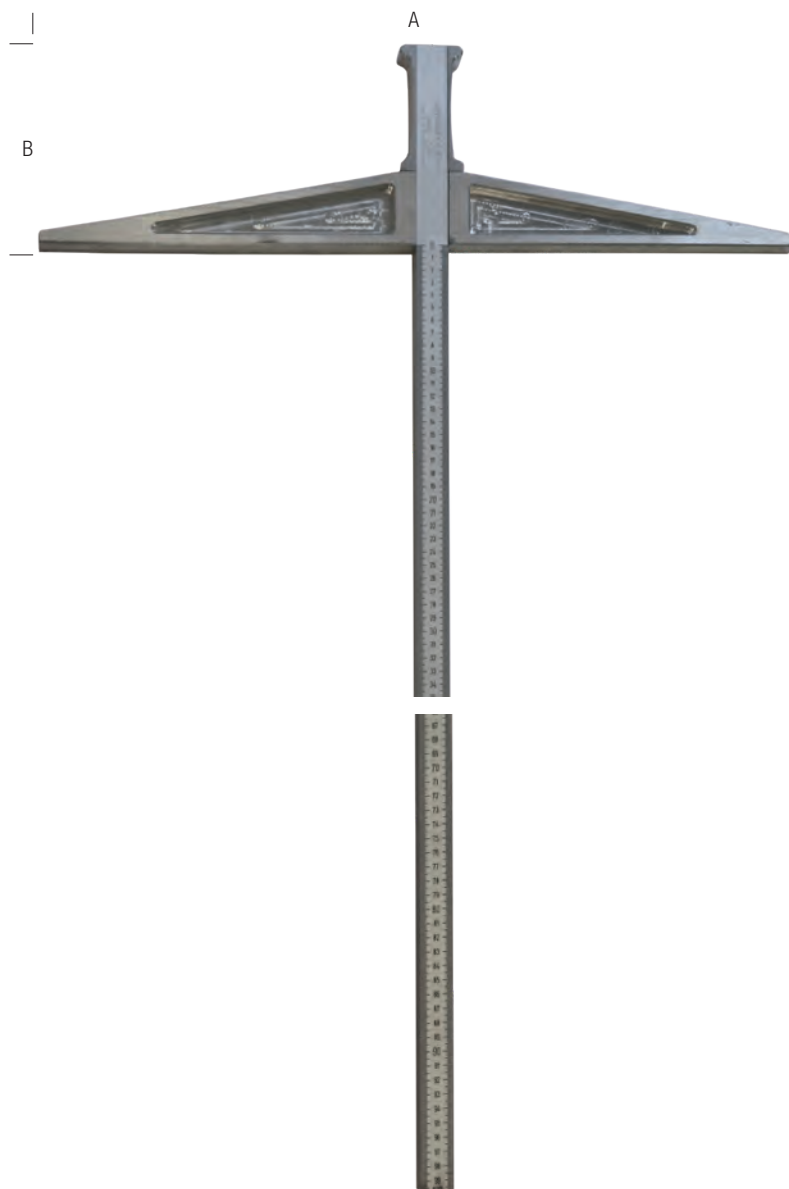
- Aluminium body
- Double graduation
- Wear resistant





HALLOW GAUGE

Code	A x B mm	mm mm	L mm			€
10147	580 x 165	1	500	8001066101474	1	—
10148	580 x 165	1	1000	8001066101481	1	—
10149	580 x 165	1	1500	8001066101498	1	—
10150	580 x 165	1	2000	8001066101504	1	—

- Graduated tubular aluminium rod
- Aluminium base



FULL SOUNDING LINE GAUGE

Code	A mm	mm mm	inch			€
24002	2000	1	—	8001066240029	1	—
24003	3000	1	—	8001066240036	1	—
24007	3500	1	—	8001066240074	1	—
24004	4000	1	—	8001066240043	1	—

- Graduated tubular aluminium rod
- Brass tip



DIGITAL DISTANCE INDICATOR

Code	A mm	B mm	mm inch			€	
10770	0-150	40	0,1	—	8001066107704	1	—

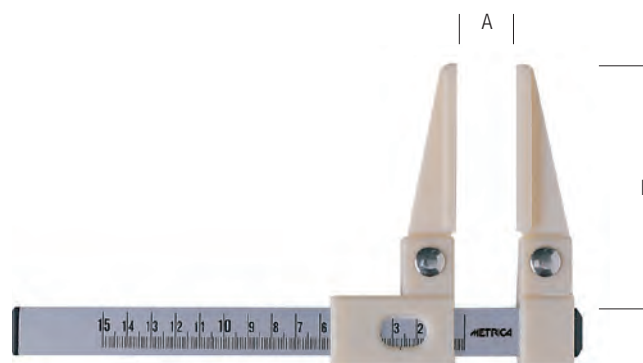
- Digital Carbon Fiber Caliper
- Capacity 150 x 0.1 mm
- Small, light and precise dimensions
- Large digital display with huge numbers (in millimeters and inches)
- Arm with rings available in 3 sizes
- Equipped with a screwdriver for ring changing
- ABS housing
- Patented model



CALIPER

Code	A cm	B mm	mm inch			€	
10460	0-15	10	1	—	8001066104604	1	—

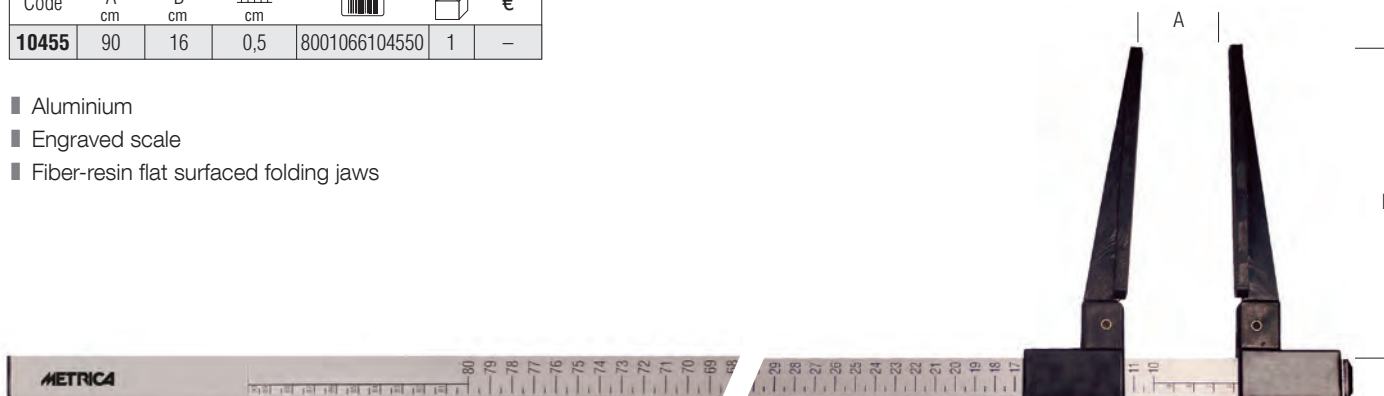
- Aluminium base
- Engraved scale
- Fiber-resin flat surfaced folding jaws

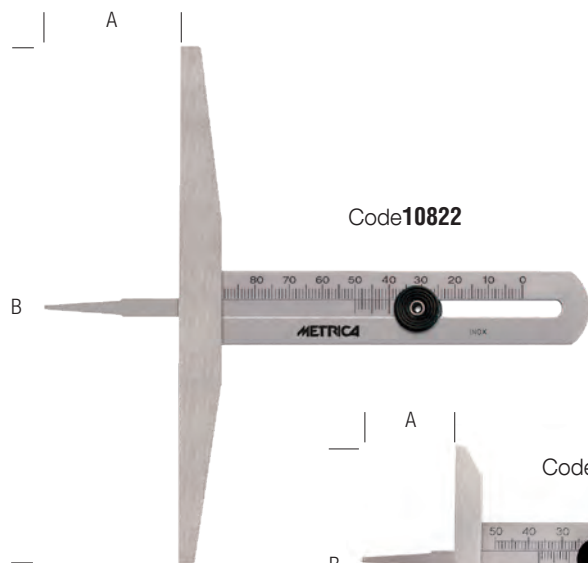


CALIPER

Code	A cm	B cm	cm			€
10455	90	16	0,5	8001066104550	1	—

- Aluminium
- Engraved scale
- Fiber-resin flat surfaced folding jaws





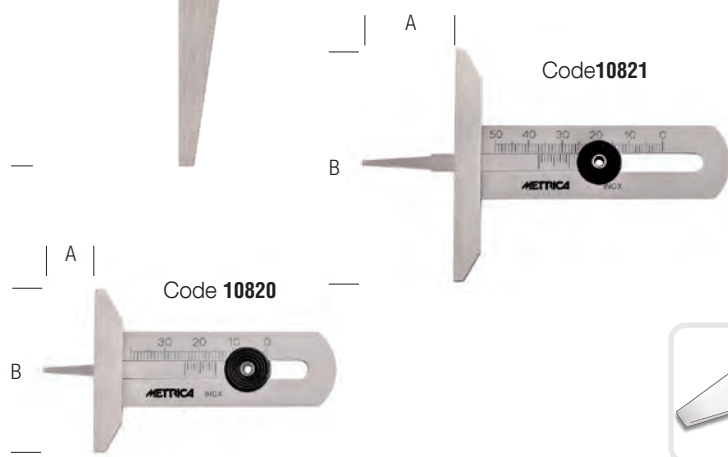
Code 10822



PROFESSIONAL TYRE PROFILE DEPTH GAUGE

Code	A mm	B mm	mm	inch			€
10820	0-30	47	0,1	-	8001066108206	1	-
10821	0-50	70	0,1	-	8001066108213	1	-
10822	0-90	150	0,1	-	8001066108220	1	-

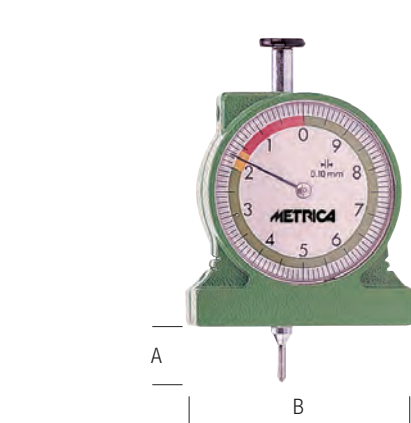
- Stainless steel
- Needle shaped for the groove of tires
- Synthetic leather pouch



Code 10821



Code 10820



DIAL THICKNESS GAUGE FOR TYRES

Code	A mm	B mm	mm	inch			€
43140	0-19	45	0,1	-	8001066431403	1	-

- Needle rod
- Frictioned movement
- Dial with colored areas to indicate the treadwear status
- Synthetic leather pouch



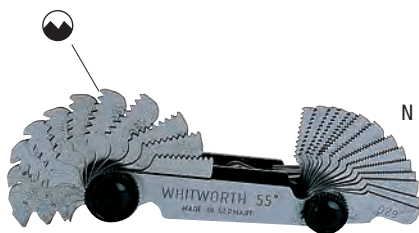
DIGITAL CALIPER FOR TIRE TREAD

Code	A mm	B mm	mm	inch			€
10830	0-27	45	0,01	0,005	8001066108305	1	-

- Steel body
- LCD screen with 4 digits
- Keys: ON/OFF, zero, mm/inch
- Weight: 125 g
- ABS case

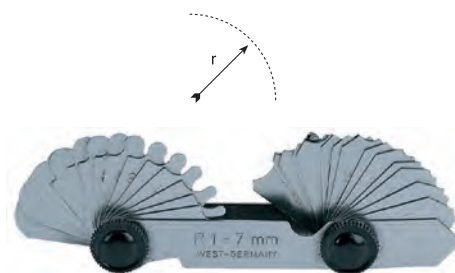


THREAD GAUGES STEEL



Code	N				€	Code			€
35020	52	Withw SI	8001066350209	5	–	05020	8001066050208	5	–
35021	58	Withw SI	8001066350216	5	–	05021	8001066050215	5	–
35022	28	Withw	8001066350223	5	–	05022	8001066050222	5	–
35023	24	SI	8001066350230	5	–	05023	8001066050239	5	–
35024	30	USS-NC	8001066350247	5	–	05024	8001066050246	5	–

RADIUS GAUGE STEEL



Code				€	Code			€
35041	1 ÷ 7 mm	8001066350414	1	–	05041	8001066050413	5	–
35042	7,5 ÷ 15 mm	8001066350421	1	–	05042	8001066050420	5	–
35043	15,5 ÷ 25 mm	8001066350438	1	–	05043	8001066050437	5	–

■ To determine the radius of concave and convex shapes

FEELER GAUGE

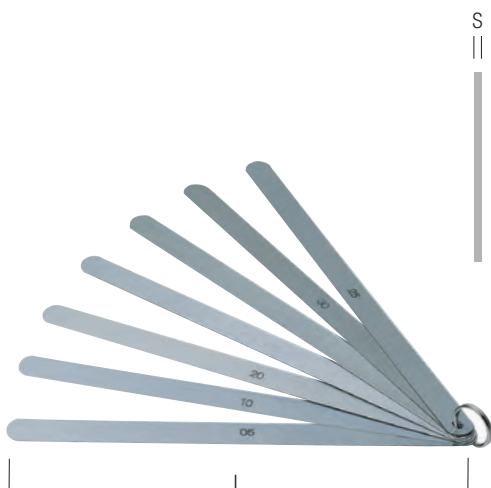


Code	S mm	L mm	N			€	Code			€
35100	0,05 ÷ 0,50	100	8	8001066351008	5	–	05100	8001066051007	5	–
35101	0,05 ÷ 1	100	13	8001066351015	5	–	05101	8001066051014	5	–
35102	0,05 ÷ 1	100	20	8001066351022	5	–	05102	8001066051021	5	–
35103	0,05 ÷ 2	100	20	8001066351039	1	–	05103	8001066051038	5	–
35104	0,10 ÷ 0,30	75	5	8001066351046	4	–	05104	8001066051045	5	–
35105	0,03 ÷ 0,10	100	8	8001066351053	4	–	05105	8001066051052	5	–

■ Metal case

N = blade number

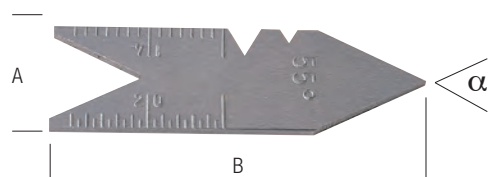
LONG BLADES FEELER GAUGE



Code	S mm	L mm	N			€
35080	0,05 ÷ 0,50	200	8	8001066350803	1	–
35081	0,05 ÷ 0,50	300	8	8001066350810	1	–
35082	0,05 ÷ 1	300	13	8001066350827	1	–
35083	0,05 ÷ 1	500	13	8001066350834	1	–
35084	0,05 ÷ 1	300	20	8001066350841	1	–
35085	0,05 ÷ 1	500	20	8001066350858	5	–

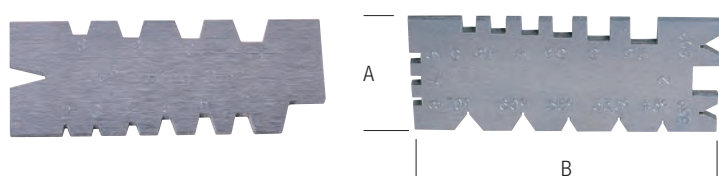
■ 13 mm wide

N = blade number



TOOLS PROFILE CONTROL GAUGE STEEL

Code	A mm	B mm	α			€
35010	20	65	55°	8001066350100	1	–
35011	20	65	60°	8001066350117	1	–



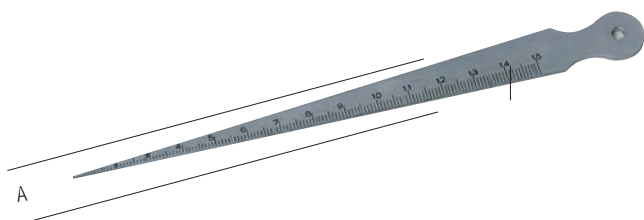
Code **35018**: tools profiles

Code **35015**: trapezes thread

UNIVERSAL GAUGE FOR TOOLS PROFILE AND TRAPEZES THREAD CONTROL STEEL

Code	A mm	B mm			€
35015	25	60	8001066350155	1	–
35018	25	60	8001066350186	1	–

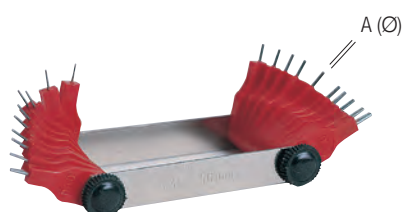
CONICAL GAUGE FOR BORES



Code	A mm			€
35078	∅ 0 ÷ 15	8001066350780	1	–

- Steel
- Graduated conical stem
- Diameter direct reading

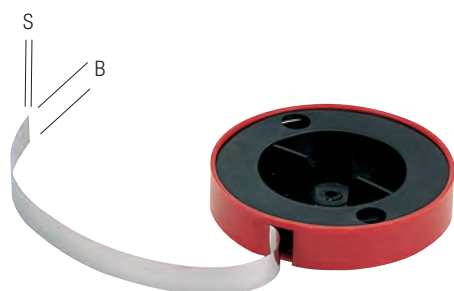
PLUG GAUGE



Code	A mm			€
35070	∅ 0,45 ÷ 1,5	8001066350704	1	–
35071	∅ 1,5 ÷ 3	8001066350711	1	–

- Hardened steel plugs
- To measure the diameter of holes

CALIBRATED TAPE COIL



Code	S mm	L mm	B mm			€
35129	0,05	5	13	8001066351299	1	–
35134	0,10	5	13	8001066351343	1	–
35135	0,15	5	13	8001066351350	1	–
35136	0,20	5	13	8001066351367	1	–
35140	0,40	5	13	8001066351404	1	–
35142	0,50	5	13	8001066351428	1	–
35143	1,00	5	13	8001066351435	1	–

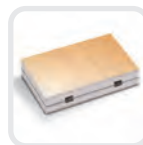
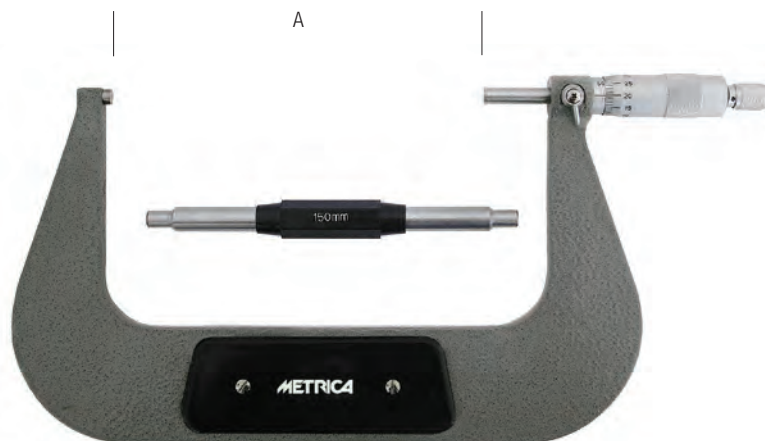
- Width 13 mm, length 5 m
- In case

OUTSIDE MICROMETER



Code	A mm	mm	inch			€
44061	0 - 25	0,01	—	8001066440610	1	—
44062	25 - 50	0,01	—	8001066440627	1	—
44063	50 - 75	0,01	—	8001066440634	1	—
44064	75 - 100	0,01	—	8001066440641	1	—

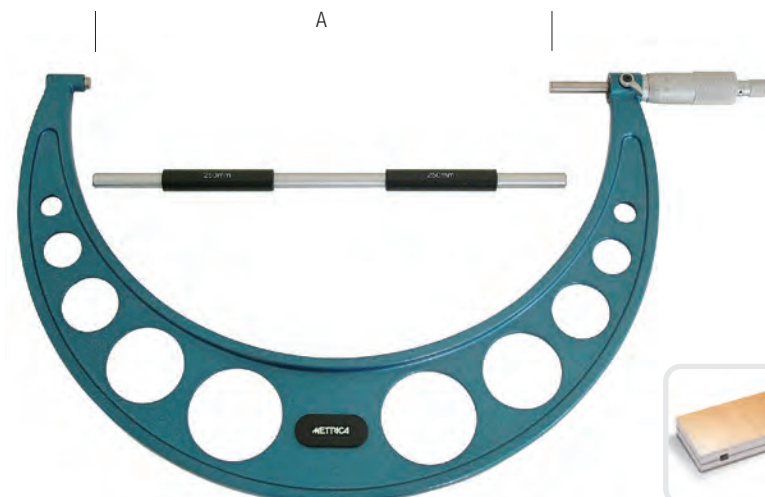
- Reading 0.01 mm
- Chrome plated frame
- Carbide steel tips \varnothing 6.5 mm
- Thimble \varnothing 18 mm
- Spindle lock
- ABS case
- Accuracy DIN 863



OUTSIDE MICROMETER

Code	A mm	mm	inch			€
44065	100 - 125	0,01	—	8001066440658	1	—
44066	125 - 150	0,01	—	8001066440665	1	—
44067	150 - 175	0,01	—	8001066440672	1	—
44068	175 - 200	0,01	—	8001066440689	1	—
44069	200 - 225	0,01	—	8001066440696	1	—

- Reading 0.01 mm
- Painted frame
- Carbide steel tips \varnothing 6.5 mm
- Thimble \varnothing 18 mm
- Spindle lock
- Wooden case
- Accuracy DIN 863

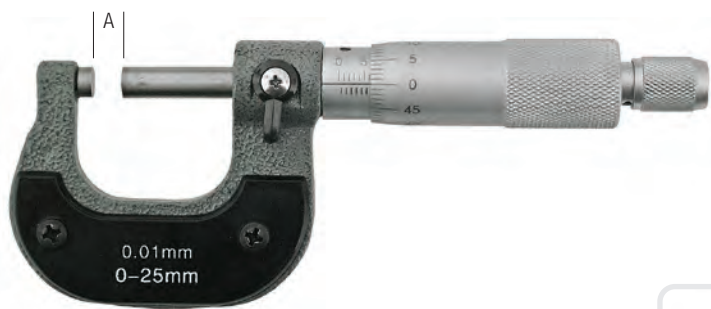


OUTSIDE MICROMETER

Code	A mm	mm	inch			€
44080	225 - 250	0,01	—	8001066440801	1	—
44095	250 - 275	0,01	—	8001066440955	1	—
44096	275 - 300	0,01	—	8001066440962	1	—

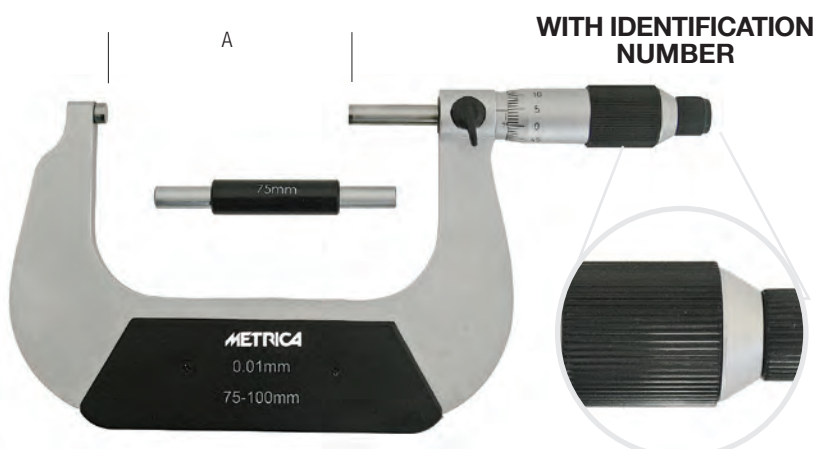
- Reading 0.01 mm
- Painted frame
- Carbide steel tips \varnothing 6.5 mm
- Thimble \varnothing 18 mm
- Spindle lock
- Wooden case
- Accuracy DIN 863

WORKSHOP MICROMETER



Code	A mm	mm	inch			€
44130	0 - 25	0,01	—	8001066441303	1	—
44122	25 - 50	0,01	—	8001066441228	1	—
44123	50 - 75	0,01	—	8001066441235	1	—
44124	75 - 100	0,01	—	8001066441242	1	—

- Workshop micrometer
- Carbide steel tips
- Painted frame
- Locking lever
- ABS case



MICROMETER FRICTION THIMBLE

Code	A mm	mm	inch			€
44351	0 - 25	0,01	—	8001066443512	1	—
44352	25 - 50	0,01	—	8001066443529	1	—
44353	50 - 75	0,01	—	8001066443536	1	—
44354	75 - 100	0,01	—	8001066443543	1	—

- Friction thimble to measure with a single hand
- Carbide steel tips
- Locking lever
- Screw pitch 0,5 mm
- ABS case

NO PARALLAX MILLESIMAL MICROMETER



Code	A mm	mm	inch			€
44371	0 - 25	0,01	0,001	8001066443710	1	—
44372	25 - 50	0,01	0,001	8001066443727	1	—
44373	50 - 75	0,01	0,001	8001066443734	1	—
44374	75 - 100	0,01	0,001	8001066443741	1	—

- **Double reading: 0,01 mm on thimble 0,001 mm on the vernier without parallax**
- Friction thimble to measure with a single hand
- Carbide steel tips
- Chromed plated frame
- Lever locking
- Screw pitch 0,5 mm
- Stem \varnothing 6,5 mm
- In case
- Accuracy DIN 863



RAPID ELECTRONIC DIGITAL MICROMETER

Code	A mm	mm	inch			€
44210	0-25	0,001	0.0005	8001066442102	1	-
44211	25-50	0,001	0.0005	8001066442119	1	-
44212	50-75	0,001	0.0005	8001066442126	1	-
44213	75-100	0,001	0.0005	8001066442133	1	-

- 5-digit digital display
- **IP 54 protection**
- Made according to DIN 863
- Buttons: ON / OFF, Set, ABS, mm / inch
- **Resolution** 0.001 mm
- Anvil and frame of hard metal

Not for sale in D / UK / USA / JAP

RAPID ELECTRONIC DIGITAL MICROMETER IP 65



Code	A mm	mm	inch			€
44230	0-25	0,001	0.0005	8001066442300	1	-

- 5-digit digital display
- **IP 65 protection**
- Made according to DIN 863
- Buttons: ON / OFF, Origin, ABS / mm / inch
- **Resolution** 0,001 mm
- Anvil and frame of hard metal

Not for sale in D / UK / USA / JAP

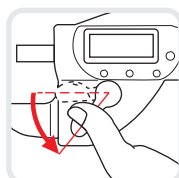


RAPID ELECTRONIC DIGITAL MICROMETER

Code	A mm	mm	inch			€
44220	0-25	0,001	0.0005	8001066442201	1	-

- Quick lever movement
- 5-digit digital display
- **IP 65 protection**
- Made according to DIN 863
- Buttons: ON / OFF, Origin, ABS / mm / inch
- **Resolution** 0,001 mm
- Anvil and frame of hard metal

Not for sale in D / UK / USA / JAP





ELECTRONIC DIGITAL MICROMETER

Code	A mm	mm	inch			€
44202	0 - 25	0,001	0,0005	8001066442027	1	–
44203	25 - 50	0,001	0,0005	8001066442034	1	–
44204	50 - 75	0,001	0,0005	8001066442041	1	–
44205	75 - 100	0,001	0,0005	8001066442058	1	–

- 5-digit display
- High accuracy
- Reading 0,001 mm
- Reset for comparative measures
- Digital display of tolerance
- Wooden case

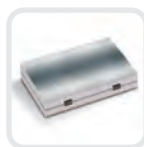
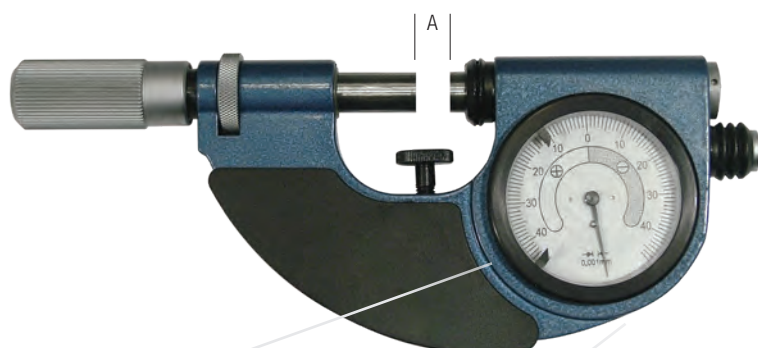
Not for sale in D / UK / USA / JAP



OUTSIDE MICROMETER WITH COUNTER

Code	A mm	mm	inch			€
44300	0 - 25	0,01	–	8001066443000	1	–
44301	25 - 50	0,01	–	8001066443017	1	–

- Carbide tips
- Counter
- Reading 0,01 mm
- Painted frame
- Wooden case

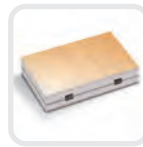


MICROMETER WITH DIAL INDICATOR

Code	A mm	mm	inch			€
44381	0 - 25	0,001	–	8001066443819	1	–

- Millesimal movable anvil
- Direct reading 0,001 mm on the dial
- Case

**OUTSIDE
MICROMETER SET**



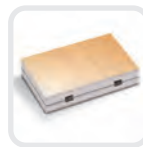
Code	A mm	mm	inch			€
44098	0-100	0,01	—	8001066440986	1	—
44099	0-150	0,01	—	8001066440993	1	—

- Vertically placed
- Same characteristics as items **44061 ÷ 44066**
- Wooden case

Item **44098**: 4 pcs
0÷25 | 25÷50 | 50÷75 | 75÷100

Item **44099**: 6 pcs
0÷25 | 25÷50 | 50÷75 | 75÷100 | 100÷125 | 125÷150

- 60° cone
- Rounded Ø 6,5 mm
- Blade 1 mm thick
- Flat Ø 6,5 mm
- Tip Ø 2 mm
- 60° blade

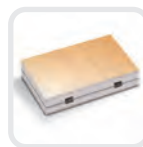


**UNIVERSAL MICROMETER
WITH CHANGEABLE TIPS**

Code	A mm	mm	inch			€
44026	25 - 50	0,01	—	8001066440269	1	—
44027	50 - 75	0,01	—	8001066440276	1	—
44028	75 - 100	0,01	—	8001066440283	1	—

- Supplied with 6 additional couples of changeable tips
- Hardened steel tips
- Painted frame
- Friction thimble
- Wooden case

**MICROMETER INTERNAL
WITH EXTENSION RODS**



Code	A mm	mm	inch			€
44111	50 - 150	0,01	—	8001066441112	1	—
44114	50 - 600	0,01	—	8001066441143	1	—
44115	50 - 800	0,01	—	8001066441150	1	—
44116	75 - 1075	0,01	—	8001066441167	1	—
44117	75 - 1575	0,01	—	8001066441174	1	—

- Reading 0,01 mm
- Micrometric head accuracy DIN 863
- Wooden case



12-20	3 rings
20-40	4 rings
40-100	4 rings

3 POINT BORE MICROMETER

Code	A mm	mm	inch			€
44250	12 - 20	0,005	—	8001066442508	1	—
44251	20 - 40	0,005	—	8001066442515	1	—
44252	40 - 100	0,005	—	8001066442522	1	—

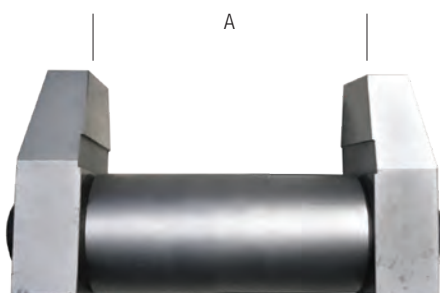
- Reading 0,005 mm
- With testing rings included
- Aluminium case
- Extension



INSIDE MICROMETER

Code	A mm	mm	inch			€
44101	5 - 30	0,01	—	8001066441013	1	—
44102	25 - 50	0,01	—	8001066441020	1	—
44103	50 - 75	0,01	—	8001066441037	1	—
44104	75 - 100	0,01	—	8001066441044	1	—

- Reading 0,01 mm
- With jaws
- With testing rings included (Code **44101** and **44102**)
- Optional: control gauges codes **44106** and **44107**
- Wooden case
- Accuracy DIN 863



CONTROL GAUGES

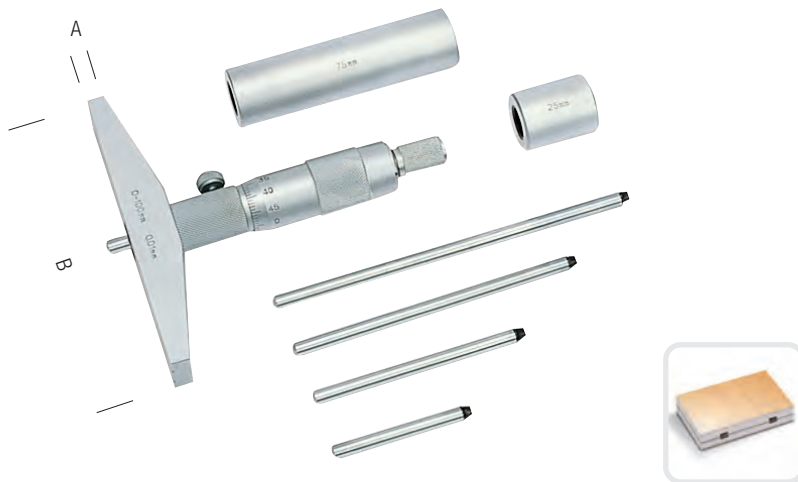
Code	A			€
44106	50 mm	8001066441068	1	—
44107	75 mm	8001066441075	1	—



WIRE MICROMETER

Code	A mm	mm	inch			€
44010	0 - 10	0,01	—	8001066440108	1	—

- Reading 0.01 mm
- In case



DEPTH MICROMETER

Code	A mm	mm	inch			€
44090	0 - 100	100	0,01	8001066440900	1	—
44091	0 - 200	100	0,01	8001066440917	1	—

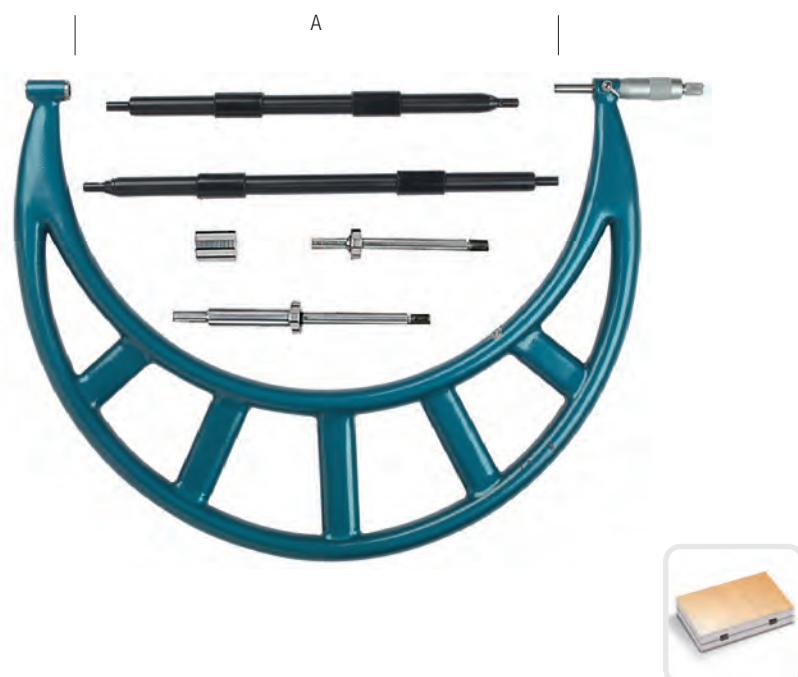
- Reading 0,01 mm
- Bridge length 100 mm
- Wooden case
- Accuracy DIN 863



MICROMETER CHANGEABLE ANVIL

Code	A mm	mm	inch			€
44040	0 - 100	0,01	—	8001066440405	1	—
44041	100 - 200	0,01	—	8001066440412	1	—

- Painted frame
- Carbide tips \varnothing 8 mm
- Thimble \varnothing 18 mm
- Lever locking
- Changeable anvil
- Wooden case

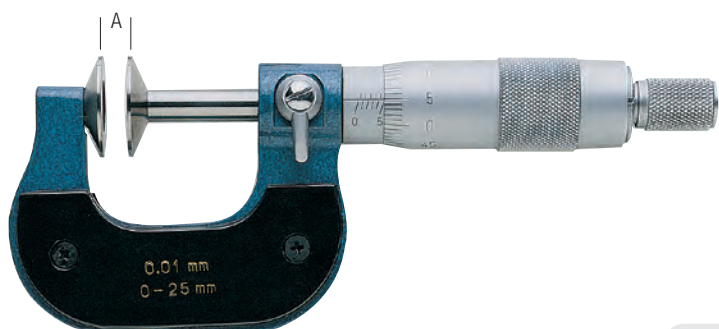


BIG SIZE MICROMETER

Code	A mm	mm	inch			€
44081	200 - 300	0,01	—	8001066440818	1	—
44082	300 - 400	0,01	—	8001066440825	1	—
44083	400 - 500	0,01	—	8001066440832	1	—
44084	500 - 600	0,01	—	8001066440849	1	—
44085	600 - 700	0,01	—	8001066440856	1	—
44086	700 - 800	0,01	—	8001066440863	1	—
44087	800 - 900	0,01	—	8001066440870	1	—
44088	900 - 1000	0,01	—	8001066440887	1	—

- Strong light tubular frame
- Carbide tips \varnothing 6.5 mm
- Thimble \varnothing 18 mm
- Lever locking
- Changeable anvil
- Reading 0,01 mm
- Wooden case
- Accuracy DIN 863

DISC MICROMETER



Code	A mm	mm	inch			€
44021	0 - 25	0,01	-	8001066440214	1	-

- Gear-tooth micrometer
- Painted frame
- ABS case

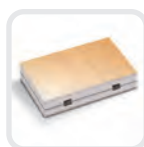


DISC MICROMETER



Code	A mm	mm	inch			€
44030	0 - 15	0,01	-	8001066440306	1	-

- Reading 0,01 mm on a graduated disc
- Wooden case



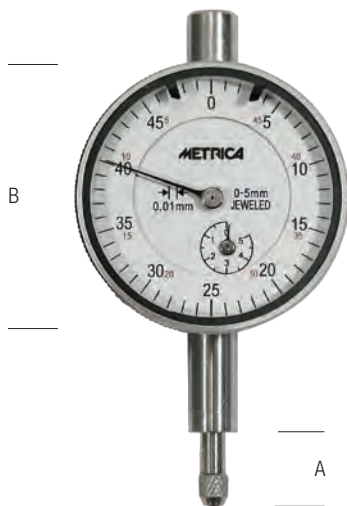
TUBE MICROMETER



Code	A mm	mm	inch			€
44120	0 - 25	0,01	-	8001066441204	1	-

- Reading 0,01 mm
- Ring nut lock
- ABS case

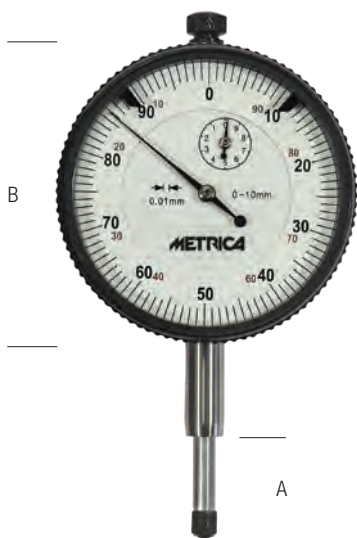




PRECISION INDICATOR SMALL DIAMETER

Code	A mm	B mm	mm	inch			€
41010	0 - 5	Ø 40	0,01	-	8001066410101	1	-

- Rotating dial with tolerance indexes
- Accuracy DIN 878
- ABS Case

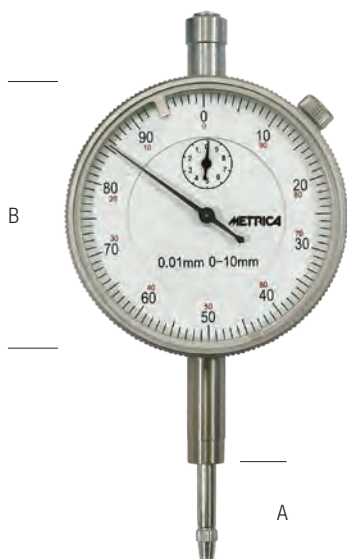
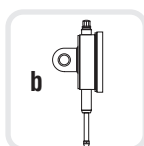
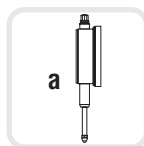


PRECISION DIAL INDICATOR

Code	A mm	B mm	mm	a	b			€
41020	0 - 10	Ø 58	0,01	•	•	8001066410200	1	-
41025	0 - 30	Ø 58	0,01	•		8001066410255	1	-
41026	0 - 30	Ø 58	0,01	•		8001066410262	1	-

- High sensitivity dial indicator, strong execution
- Rotating dial with tolerance indexes
- Accuracy DIN 878
- ABS case

Code **41020** with additional ear plate

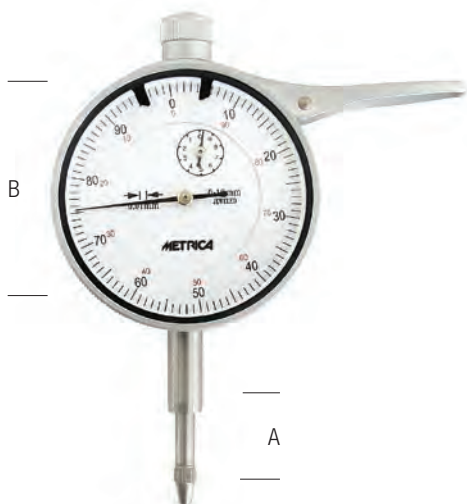


PRECISION DIAL INDICATOR

Code	A mm	B mm	mm	inch			€
41019	0 - 10	Ø 58	0,01	-	8001066410194	1	-

- Rotating dial with locking button
- Tolerance indexes
- ABS Case

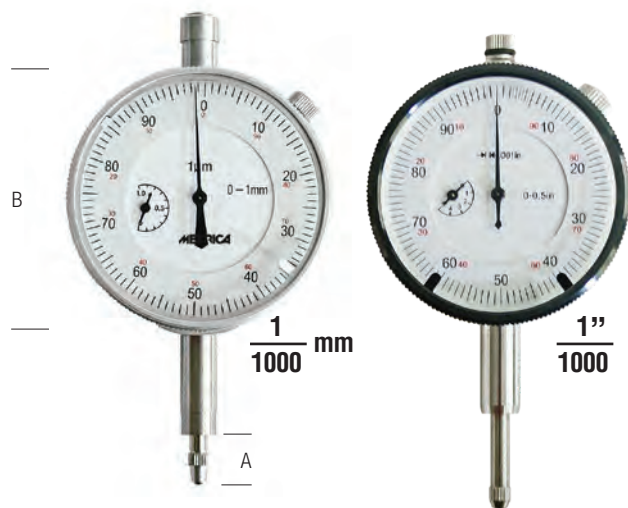




DIAL INDICATOR WITH LIFTING LEVER

Code	A mm	B mm	mm	inch			€
41090	0 - 10	∅ 58	0,01	-	8001066410903	1	-

- Rotating dial
- Tolerance indexes
- **Lifting lever**
- ABS case



HIGH SENSITIVITY DIAL INDICATOR

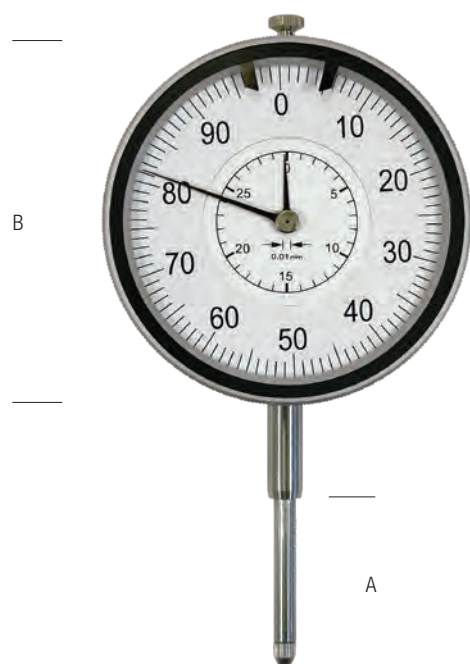
Code	A mm	B mm	mm	inch			€
41028	0 - 1	∅ 58	0,001	-	8001066410286	1	-
41027	0-0,40"	∅ 58	-	1"/1000	8001066410279	1	-

- High sensitivity **millesimal** dial indicator
- Locking button
- Rotating dial with tolerance indexes
- ABS case



Code 41028

Code 41027



HIGH PRECISION DIAL INDICATOR

Code	A mm	B mm	mm	inch			€
41052	0 - 30	∅ 75	0,01	-	8001066410521	1	-
41053	0 - 50	∅ 75	0,01	-	8001066410538	1	-

- **Large** dial with tolerance indexes
- Locking button
- ABS case





**HIGH VISIBILITY
DIGITAL INDICATOR**

Code	A mm	B mm	mm	inch			€
41150	0-12,5	Ø 56	0,01	0,0005	8001066411504	1	-

- Display: LCD with high visibility - giant numbers
- ABS function
- Resolution: 0.01mm/0.0005"
- Precision: 0.02 mm/0.001"
- Range: 12.5 mm
- Buttons: on/off, zero, ABS, mm/inch, TOL
- Data output: jack std 4-way 2,5 mm
- ABS case



Not for sale in DE / UK / USA / JAP



**DIGITAL
DIAL INDICATOR**

Code	A mm	B mm	mm	inch			€
41080	0 - 12	Ø 58	0,01	0,0005	8001066410804	1	-
41085	0 - 12	Ø 58	0,001	0,00005	8001066410859	1	-

- Digital display
- Reading mm/inch
- High precision
- Reset in any position
- Setting of tolerance limits
- ABS case



Code **41080**: reading 0,01 mm

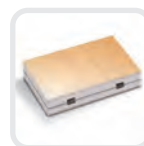
Code **41085**: reading 0,001 mm



**SPECIAL
DIAL TEST INDICATOR**

Code	A mm	B mm	mm	inch			€
41017	± 0,8	Ø 32	0,01	-	8001066410170	1	-

- Movable tip with adjustable stand
- Wooden case

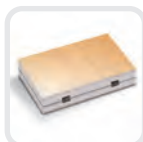
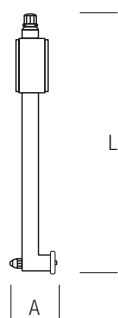


CENTERING HOLDER



For Code 41017, half moon stem Ø 4 x 25 m	Code			€
	41018	8001066410187	1	-

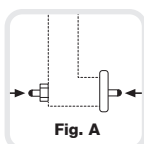
DIAL BORE GAUGE



Code	A mm	L mm			€
42010	15 ÷ 35	200	8001066420100	1	–
42020	30 ÷ 100	300	8001066420209	1	–
42030	50 ÷ 178	300	8001066420308	1	–
42040	100 ÷ 300	300	8001066420407	1	–
42032	50 ÷ 178	450	8001066420322	1	–

- Hardened steel tips
- Wooden case
- Supplied without dial indicator

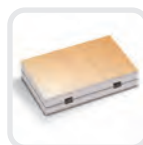
CARBIDE DIAL BORE GAUGE



Code	A mm	L mm			€
42110	15 ÷ 35	200	8001066421107	1	–
42120	30 ÷ 100	300	8001066421206	1	–
42130	50 ÷ 178	300	8001066421305	1	–
42140	100 ÷ 300	300	8001066421404	1	–

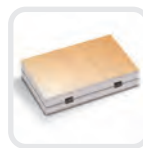
- Movable touch and extension rods **with carbide tips** (Fig. A)
- Wooden case
- Supplied without dial indicator

GAUGE BLOCKS



Code	N mm				€
28060	32	grad. 0	8001066280605	1	–
28050	32	grad. I	8001066280506	1	–
28051	32	grad. II	8001066280513	1	–
28052	47	grad. I	8001066280520	1	–
28053	47	grad. II	8001066280537	1	–
28054	87	grad. I	8001066280544	1	–
28055	87	grad. II	8001066280551	1	–
28056	103	grad. I	8001066280568	1	–
28057	103	grad. II	8001066280575	1	–

- Hardened special steel
- High stability and wear resistance
- Wooden box
- **Individual calibration certificate on request**

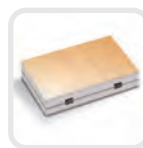


SPECIAL DIAL BORE GAUGE

Code	A mm	L mm			€
42204	35 ÷ 105	—	8001066422043	1	—
42205	100 ÷ 210	—	8001066422050	1	—

- L shaped for brass
- Adjustable rod with scale
- Supplied without dial indicator
- Wooden box

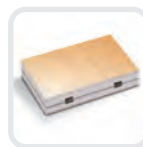
**BORE GAUGE
BORING MACHINE**



Code	A mm	A inch				€
42223	37,5	—	0,01	8001066422234	1	—
42224	—	1,51	—	8001066422241	1	—

- Fan-shaped Mahr indicator
- Reading 0,01 mm
- Run ± 0.40 mm
- Micrometer with screw locking

**BORE GAUGE
BORING MACHINE**



Code	A mm	A mm				€
42225	37,5	—	0,01	8001066422258	1	—

- Ø 40 mm circular dial indicator
- Reading 0,01 mm
- Run ± 0.40 mm
- Micrometer with screw locking



PLICOMETER

Code	C mm	P mm	mm	inch			€
70200	0 - 40	120	0,2	—	8001066702008	1	—

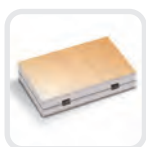
- Analogical plicometer
- Reading 0,2 mm
- Wooden case



DIGITAL PLICOMETER WITH DATA OUTPUT

Code	C mm	P mm	mm	inch			€
70206	0 - 40	120	0,01	—	8001066702060	1	—

- Digital plicometer within data output
- Wooden case



DATA TRANSMISSION KIT

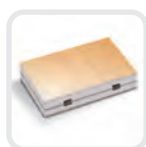
Code				€
10835	WIRELESS	8001066108350	1	—
10836	WIRE	8001066108367	1	—



QUICK THICKNESS GAUGE

Code	A mm	B mm	mm			€
43180	0 - 10	35	0,1	8001066431809	1	—
43181	0 - 10	63	0,1	8001066431816	1	—

- Quick thickness gauge
- Reading: 0,1 mm

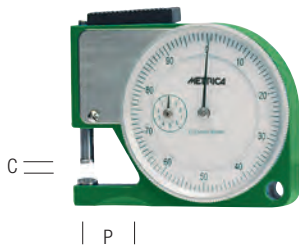




POCKET THICKNESS GAUGE
0,01 mm

Code	C mm	P mm	mm				€
43030	0 - 5	25	0,01	A	8001066430307	1	-

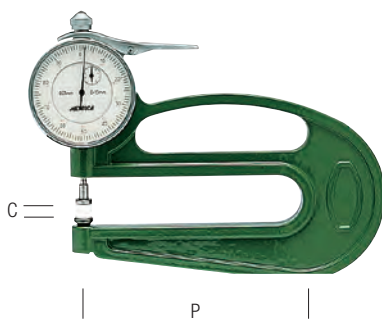
- Reading 0,01 mm
- Pocket size
- With handle and lifting lever



POCKET THICKNESS GAUGE
0,01 mm

Code	C mm	P mm	mm				€
43031	0 - 12	15	0,01	E	8001066430314	1	-

- Reading 0,01 mm
- Pocket size
- Extra flat execution



DIAL THICKNESS GAUGE

Code	C mm	P mm	mm				€
43032	0 - 10	50	0,01	A	8001066430321	1	-
43037	0 - 10	120	0,01	A	8001066430376	1	-
43034	0 - 10	200	0,01	A	8001066430345	1	-

- Reading 0,01 mm
- Aluminum support
- Lifting lever

GRINDED STAINLESS STEEL TIPS:

(special tips on request)

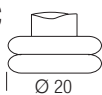
A



B



C



D



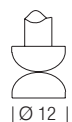
E

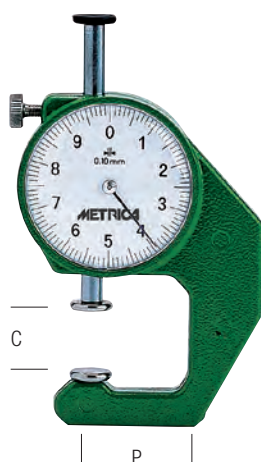


F



K





C
P



POCKET THICKNESS GAUGE 0,1 mm

Code	C mm	P mm	Resolution mm	Lock	Barcode	Box	€
43051	0 - 10	20	0,1	A	8001066430512	1	–
43052	0 - 20	20	0,1	A	8001066430529	1	–
43068	0 - 20	20	0,1	B	8001066430680	1	–
43053	0 - 20	50	0,1	A	8001066430536	1	–
43069	0 - 20	50	0,1	B	8001066430697	1	–
43054	0 - 30	50	0,1	A	8001066430543	1	–

- Reading 0,1 mm
- Pocket type with lock
- Ergonomic shape
- Non slip painted aluminium support
- Synthetic leather pouch

DIAL THICKNESS GAUGE 0,1 mm



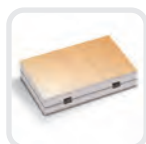
C
P

Code	C mm	P mm	Resolution mm	Lock	Barcode	Box	€
43055	0 - 30	200	0,1	F	8001066430550	1	–
43049	0 - 30	200	0,1	K	8001066430499	1	–
43056	0 - 30	300	0,1	F	8001066430567	1	–
43061	0 - 30	300	0,1	K	8001066430611	1	–
43057	0 - 30	450	0,1	F	8001066430574	1	–
43059	0 - 50	300	0,1	F	8001066430598	1	–
43060	0 - 50	500	0,1	F	8001066430604	1	–

- Reading 0,1 mm
- Ergonomic handle
- Painted scratch resistant aluminum support
- Lifting lever



C
P



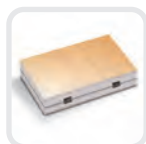
INSIDE DIAL THICKNESS GAUGE

Code	C mm	P mm	Resolution mm	Lock	Barcode	Box	€
43100	15 - 35	75	0,01	D	8001066431007	1	–
43101	35 - 55	85	0,01	D	8001066431014	1	–
43102	55 - 75	100	0,01	D	8001066431021	1	–

- Reading 0,01 mm



C
P



OUTSIDE DIAL THICKNESS GAUGE

Code	C mm	P mm	Resolution mm	Lock	Barcode	Box	€
43120	0 - 20	60	0,01	D	8001066431205	1	–
43121	20 - 40	60	0,01	D	8001066431212	1	–
43122	40 - 60	60	0,01	D	8001066431229	1	–

- Reading 0,01 mm

EASY READING RULES



SECTION
15 x 0,5 mm



SECTION
30 x 1 mm

MATE-SATIN FINISH

Code	L mm	B	mm	Barcode	Box	€
24300	150	15 x 0,5	mm	8001066243006	1	-
24301	200	15 x 0,5	mm	8001066243013	1	-
24303	300	15 x 0,5	mm	8001066243037	1	-
24320	300	30 x 1	mm	8001066243204	1	-
24321	500	30 x 1	mm	8001066243211	1	-
24322	1000	30 x 1	mm	8001066243228	1	-

- New original scale for easy reading (registered design)
- Wave shaped height of markings
- Points every 2 mm to prevent misreading
- Bent end edge for easy pick up (except rule 1 meter)
- Stainless steel, satin finished
- Indelible graduation
- Rectified edges
- Available in 15 x 0.5 mm or 30 x 1 mm execution

Not for sale in USA and JAPAN



FLEXIBLE RULE POLISHED OR MATE-SATIN FINISH

- Section 13 x 0,5 mm
- Stainless steel
- Engraved scale, black
- Grinded edges



POLISHED FINISH

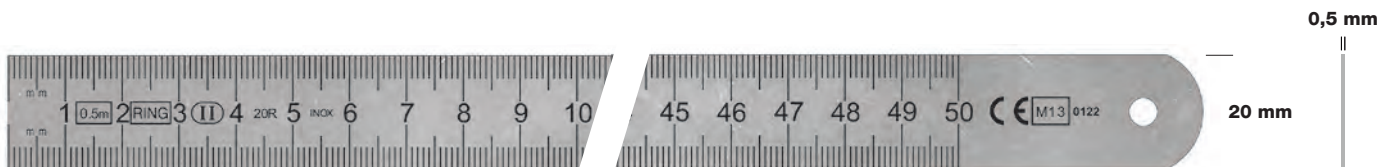
L mm	mm/mm	mm/1/2mm	mm/inch	Code	Barcode	Quantity	€
150	•			24051	8001066240517	5	-
200	•			24052	8001066240524	5	-
250	•			24053	8001066240531	5	-
300	•			24054	8001066240548	5	-
150		•		24031	8001066240319	5	-
200		•		24032	8001066240326	5	-
250		•		24033	8001066240333	5	-
300		•		24034	8001066240340	5	-
150			•	24011	8001066240111	5	-
200			•	24012	8001066240128	5	-
250			•	24013	8001066240135	5	-
300			•	24014	8001066240142	5	-

MATE-SATIN FINISH

L mm	mm/mm	mm/1/2mm	mm/inch	Code	Barcode	Quantity	€
150	•			24061	8001066240616	5	-
200	•			24062	8001066240623	5	-
250	•			24063	8001066240630	5	-
300	•			24064	8001066240647	5	-
150		•		24041	8001066240418	5	-
200		•		24042	8001066240425	5	-
250		•		24043	8001066240432	5	-
300		•		24044	8001066240449	5	-
150			•	24021	8001066240210	5	-
200			•	24022	8001066240227	5	-
250			•	24023	8001066240234	5	-
300			•	24024	8001066240241	5	-

FLEXIBLE RULE POLISHED OR MATE-SATIN FINISH

- Section 20 x 0,5 mm
- Stainless steel
- Engraved scale, black
- Grinded edges



POLISHED FINISH

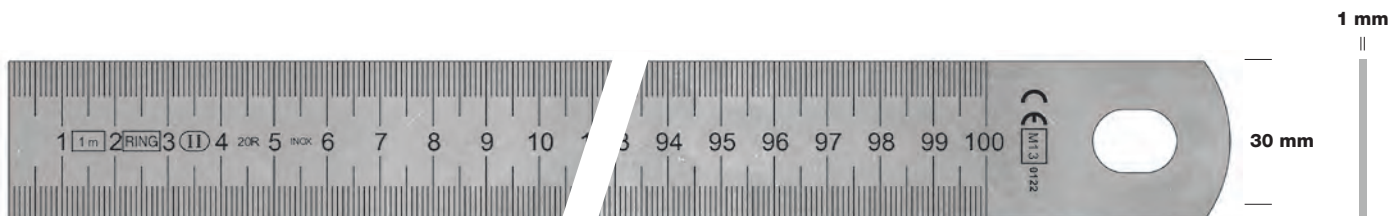
L mm	mm/mm	mm/1/2mm	mm/inch	Code	Barcode	Quantity	€
500	•			24072	8001066240722	1	-
1000	•			24073	8001066240739	1	-
500		•		24075	8001066240753	1	-
1000		•		24076	8001066240760	1	-
500			•	24092	8001066240920	1	-
1000			•	24093	8001066240937	1	-

MATE-SATIN FINISH

L mm	mm/mm	mm/1/2mm	mm/inch	Code	Barcode	Quantity	€
500	•			24082	8001066240821	1	-
1000	•			24083	8001066240838	1	-
500		•		24085	8001066240852	1	-
1000		•		24086	8001066240869	1	-
500			•	24102	8001066241026	1	-
1000			•	24103	8001066241033	1	-

SEMI-RIGID RULE POLISHED OR MATE-SATIN FINISH

- Section 30 x 1 mm
- Stainless steel
- Engraved scale, black
- Grinded edges



POLISHED FINISH

L mm	mm/mm	mm/½mm	mm/inch	Code	Barcode	Box	€
300	•			25101	8001066251018	1	–
500	•			25102	8001066251025	1	–
700	•			25096	8001066250967	1	–
1000	•			25103	8001066251032	1	–
1500	•			25104	8001066251049	1	–
2000	•			25105	8001066251056	1	–
3000	•			25106	8001066251063	1	–
300		•		25121	8001066251216	1	–
500		•		25122	8001066251223	1	–
1000		•		25123	8001066251230	1	–
1500		•		25124	8001066251247	1	–
2000		•		25125	8001066251254	1	–
3000		•		25126	8001066251261	1	–
300			•	25141	8001066251414	1	–
500			•	25142	8001066251421	1	–
1000			•	25143	8001066251438	1	–
1500			•	25144	8001066251445	1	–
2000			•	25145	8001066251452	1	–
3000			•	25146	8001066251469	1	–

MATE-SATIN FINISH

L mm	mm/mm	mm/½mm	mm/inch	Code	Barcode	Box	€
300	•			25111	8001066251117	1	–
500	•			25112	8001066251124	1	–
700	•			–	–	–	–
1000	•			25113	8001066251131	1	–
1500	•			25114	8001066251148	1	–
2000	•			25115	8001066251155	1	–
3000	•			25116	8001066251162	1	–
300		•		25131	8001066251315	1	–
500		•		25132	8001066251322	1	–
1000		•		25133	8001066251339	1	–
1500		•		25134	8001066251346	1	–
2000		•		25135	8001066251353	1	–
3000		•		25136	8001066251360	1	–
300			•	25151	8001066251513	1	–
500			•	25152	8001066251520	1	–
1000			•	25153	8001066251537	1	–
1500			•	25154	8001066251544	1	–
2000			•	25155	8001066251551	1	–
3000			•	25156	8001066251568	1	–

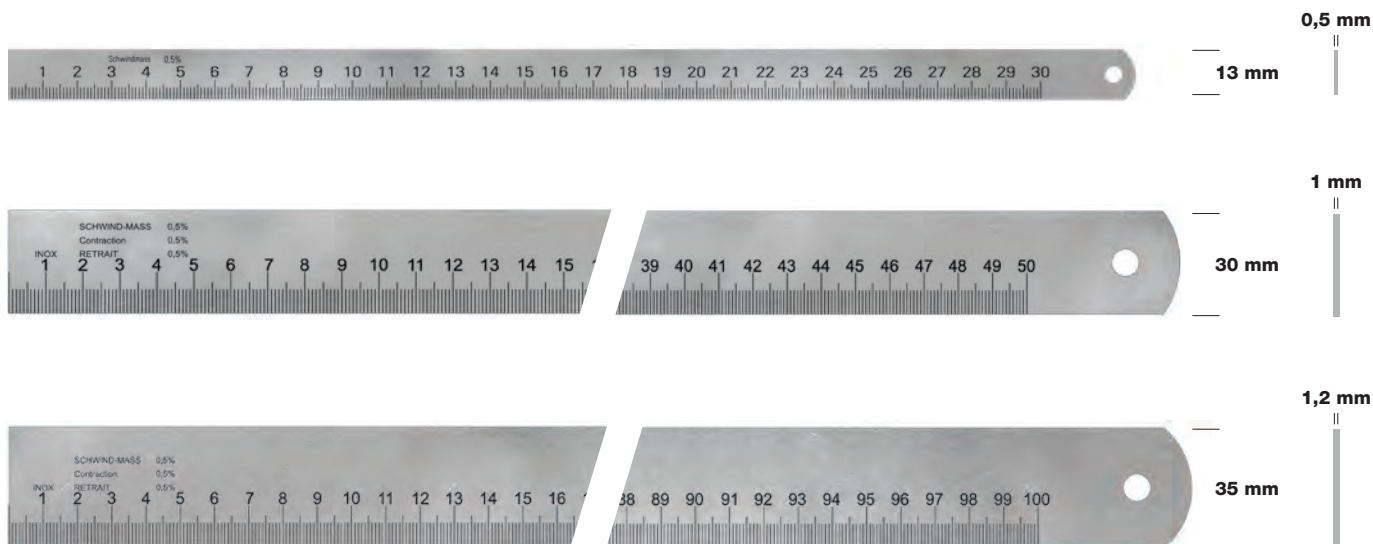
CARPENTER RULE



Code	L mm	mm/cm	Barcode	Box	€
25200	350	mm/cm	8001066252008	1	–

- Satin finished rigid rule
- **Section 30 x 1 mm**
- Stainless steel
- Engraved scale, black
- Graduation on both sides
- Graduation mm/cm

SPECIAL RULE WITH % SHRINK GRADUATION FOR MODEL DESIGNERS



L 300 mm Section 13 x 0,5 mm FLEXIBLE MAT-SATIN FINISH

Code	mm	%	Barcode	Box	€
24151	mm	0,5	8001066241514	1	–
24152	mm	0,8	8001066241521	1	–
24176	mm	1	8001066241767	1	–
24153	mm	1,25	8001066241538	1	–
24154	mm	1,5	8001066241545	1	–
24156	mm	1,75	8001066241569	1	–
24158	mm	2	8001066241583	1	–
24159	mm	2,25	8001066241590	1	–
24177	mm	2,5	8001066241774	1	–
24160	mm	3	8001066241606	1	–

L 500 mm Section 30 x 1 mm SEMI-RIGID MAT-SATIN FINISH

Code	mm	%	Barcode	Box	€
25010	mm	0,5	8001066250103	1	–
25011	mm	0,8	8001066250110	1	–
25091	mm	1	8001066250912	1	–
25012	mm	1,25	8001066250127	1	–
25013	mm	1,5	8001066250134	1	–
25015	mm	1,75	8001066250158	1	–
25017	mm	2	8001066250172	1	–
25018	mm	2,25	8001066250189	1	–
25092	mm	2,5	8001066250929	1	–
25019	mm	3	8001066250196	1	–

- Special rule with % shrink graduation
- Stainless steel
- Engraved scale, black
- Grinded edges

L 1000 mm Section 35 x 1,2 mm SEMI-RIGID MAT-SATIN FINISH

Code	mm	%	Barcode	Box	€
25030	mm	0,5	8001066250301	1	–
25031	mm	0,8	8001066250318	1	–
25095	mm	1	8001066250950	1	–
25032	mm	1,25	8001066250325	1	–
25033	mm	1,5	8001066250332	1	–
25035	mm	1,75	8001066250356	1	–
25037	mm	2	8001066250370	1	–
25038	mm	2,25	8001066250387	1	–
25097	mm	2,5	8001066250974	1	–
25039	mm	3	8001066250394	1	–

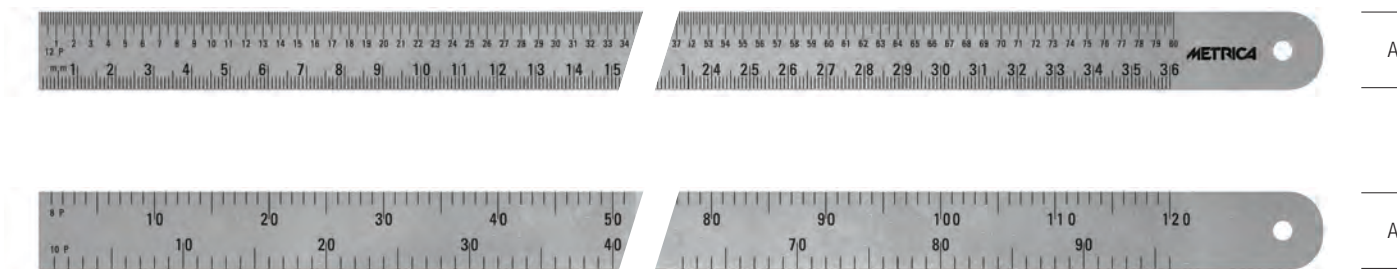
L 1500 mm Section 35 x 1,2 mm SEMI-RIGID MAT-SATIN FINISH

Code	mm	%	Barcode	Box	€
25050	mm	0,5	8001066250509	1	–
25051	mm	0,8	8001066250516	1	–
25098	mm	1	8001066250981	1	–
25052	mm	1,25	8001066250523	1	–
25053	mm	1,5	8001066250530	1	–
25055	mm	1,75	8001066250554	1	–
25057	mm	2	8001066250578	1	–
25058	mm	2,25	8001066250585	1	–
25060	mm	2,5	8001066250608	1	–
25059	mm	3	8001066250592	1	–

L 2000 mm Section 35 x 1,2 mm SEMI-RIGID MAT-SATIN FINISH

Code	mm	%	Barcode	Box	€
25070	mm	0,5	8001066250707	1	–
25071	mm	0,8	8001066250714	1	–
25099	mm	1	8001066250998	1	–
25072	mm	1,25	8001066250721	1	–
25073	mm	1,5	8001066250738	1	–
25075	mm	1,75	8001066250752	1	–
25077	mm	2	8001066250776	1	–
25078	mm	2,25	8001066250783	1	–
25084	mm	2,5	8001066250844	1	–
25079	mm	3	8001066250790	1	–

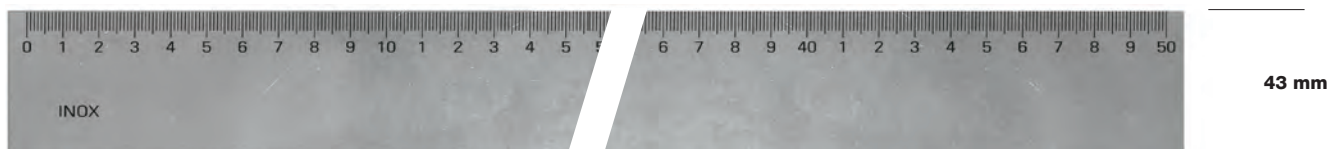
4 TYPESETTING SCALES FOR TYPOGRAPHY



Code	L mm	A mm	mm	Barcode	Box	€
24122	300	20	mm	8001066241224	1	-
24123	360	20	mm	8001066241231	1	-
24124	500	20	mm	8001066241248	1	-

- Stainless steel, thickness 0,5 mm
- 4 scales for typography
- Engraved scale, black on both sides
- Front: mm and 12 pts
- Back: 8 and 10 pts

STIFF RULE WITH SCALE, CHAMFERED AND UNBEVELLED



UNBEVELLED

Code	L mm	mm	Barcode	Box	€
25201	500	mm	8001066252015	1	-
25202	750	mm	8001066252023	1	-
25203	1000	mm	8001066252039	1	-
25204	1500	mm	8001066252046	1	-
25205	2000	mm	8001066252053	1	-

- Stiff rule for control purposes
- Section 43 x 6 mm
- Grinded stainless steel
- Engraved scale, black
- 5 mm approx not graduated at the ends

CHAMFERED

Code	L mm	mm	Barcode	Box	€
25221	500	mm	8001066252213	1	-
25222	750	mm	8001066252220	1	-
25223	1000	mm	8001066252237	1	-
25224	1500	mm	8001066252244	1	-
25225	2000	mm	8001066252251	1	-

- Stiff rule for control purposes
- Section 43 x 6 mm **chamfered**
- Grinded stainless steel
- Engraved scale, black
- 5 mm approx not graduated at the ends



**SPECIAL SHOES RULE
IN FIBERGLASS**

Code	L mm	A mm	UNIT	Barcode	Box	€
70300	600	10	mm	8001066703005	10	-

- **Fiberglass**
- Front scale: mm
- Back: special double graduation for shoes



**SPECIAL SHOES RULE
STAINLESS STEEL**

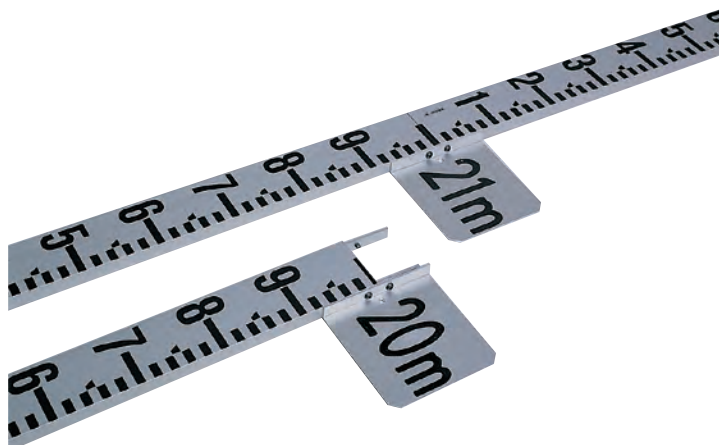
Code	L mm	A mm	UNIT	Barcode	Box	€
70301	600	10	mm	8001066703012	1	-
70301V	600	10	mm	8001066703012	1	-

- **Hardened stainless steel extra flexible**
- **Thickness 0,1 mm**
- Engraved scale, black
- Front scale: mm
- Back: special double graduation for shoes

Code **70301V**: about 10 mm not graduated tape before zero

ALUMINIUM SPECIAL RULE

- Length and sizes on request
- Horizontal scale: left-right, right-left or central zero
- Vertical graduation: upward - downward
- Linear or circular verniers





GRADUATED FLAT TAPES

WHITE ENAMELLED STEEL TAPE

Code	L mm	mm mm					€
39979	2000	0 →		•	8001066399796	1	–
39980	3000	0 →		•	8001066399802	1	–
39981	5000	0 →		•	8001066399819	1	–
39985	2000	← 0		•	8001066399857	1	–
39986	3000	← 0		•	8001066399864	1	–
39987	5000	← 0		•	8001066399871	1	–
39821	2000	0 →	•		8001066398218	1	–
39822	3000	0 →	•		8001066398225	1	–
39823	5000	0 →	•		8001066398232	1	–
39826	2000	← 0	•		8001066398263	1	–
39827	3000	← 0	•		8001066398270	1	–
39828	5000	← 0	•		8001066398287	1	–

YELLOW ENAMELLED STEEL

Code	L mm	mm mm					€
39801	2000	0 →		•	8001066398010	1	–
39802	3000	0 →		•	8001066398027	1	–
39803	5000	0 →		•	8001066398034	1	–
39811	2000	← 0		•	8001066398119	1	–
39812	3000	← 0		•	8001066398126	1	–
39813	5000	← 0		•	8001066398133	1	–
39831	2000	0 →	•		8001066398317	1	–
39832	3000	0 →	•		8001066398324	1	–
39833	5000	0 →	•		8001066398331	1	–
39836	2000	← 0	•		8001066398362	1	–
39837	3000	← 0	•		8001066398379	1	–
39838	5000	← 0	•		8001066398386	1	–



- White or yellow enamelled steel tape
- Section 13 x 0,2 mm
- Red decimals
- With or without double sided adhesive
- Width of 16 mm on request
- Length and graduations on request



with double sided adhesive



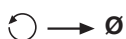
without double sided adhesive



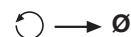
horizontal scale left-right



horizontal scale right-left



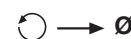
QUICK DIAMETER RULE



Code	∅ mm	∅ mm	A x B mm			€
25497	15 ÷ 115	45 ÷ 362	8 x 0,10	8001066254972	1	–
25498	100 ÷ 320	315 ÷ 1000	13 x 0,10	8001066254989	1	–

- For **fast diameters measurement** with direct reading on the scale
- Without window for the tape return
- Thickness 0.10 mm
- **Stainless steel**
- **Vernier reading 0.1 mm**
- Engraved scale, black

DIAMETER RULE



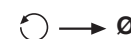
Code	∅ mm	∅ mm	A x B mm			€
25510	20 ÷ 300	60 ÷ 950	15 x 0,50	8001066255108	1	–
25511	300 ÷ 700	940 ÷ 2200	15 x 0,50	8001066255115	1	–
25512	700 ÷ 1100	2190 ÷ 3460	15 x 0,50	8001066255122	1	–
25513	1100 ÷ 1500	3450 ÷ 4720	15 x 0,50	8001066255139	1	–
25514	1500 ÷ 1900	4710 ÷ 5980	15 x 0,50	8001066255146	1	–
25515	1900 ÷ 2300	5960 ÷ 7230	15 x 0,50	8001066255153	1	–
25516	2000 ÷ 3000	6280 ÷ 9420	15 x 0,50	8001066255160	1	–

- Graduated flexible rule for **direct diameter measurement**
- **Stainless steel**
- Engraved scale, black
- **Vernier reading 0.1 mm**
- With window for the tape return
- Section: 15 x 0.5 mm



Code **38911**

DIAMETER TAPE RULES



Code	L					€
38910	2 m	10 mm	mm π / mm	8001066389100	12	–
38911	2 m	6 mm	mm π / mm	8001066389117	12	–

- ABS case - impact resistant
- Automatic rewind
- Double scale:
 - **front mm**
 - **back π** (direct reading of diameter)

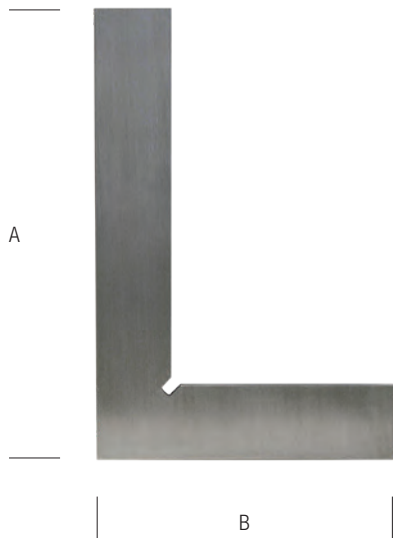
Code **38910**: Flat tape, **10 mm wide**, white enamelled

Code **38911**: Flat tape, **6 mm wide**, very flexible, black enamelled



Code **38910**





INOX

HARDENED SIMPLE SQUARE

Code	A x B mm			€
26031	50 x 40	8001066260317	1	–
26032	75 x 50	8001066260324	1	–
26033	100 x 70	8001066260331	1	–
26035	150 x 100	8001066260355	1	–
26036	200 x 130	8001066260362	1	–
26038	300 x 200	8001066260386	1	–

- Hardened **stainless steel**
- Accuracy DIN 875/0



INOX

HARDENED BEVEL SQUARE

Code	A x B mm			€
27029	25 x 20	8001066270293	1	–
27030	40 x 28	8001066270309	1	–
27031	50 x 40	8001066270316	1	–
27032	75 x 50	8001066270323	1	–
27033	100 x 70	8001066270330	1	–
27035	150 x 100	8001066270354	1	–
27036	200 x 130	8001066270361	1	–
27038	300 x 200	8001066270385	1	–

- Hardened **stainless steel**
- Accuracy DIN 875/0



INOX

HARDENED BACK SQUARE

Code	A x B mm			€
27071	50 x 40	8001066270712	1	–
27072	75 x 50	8001066270729	1	–
27073	100 x 70	8001066270736	1	–
27075	150 x 100	8001066270750	1	–
27076	200 x 130	8001066270767	1	–
27078	300 x 200	8001066270781	1	–

- Hardened **stainless steel**
- Accuracy DIN 875/0

SIMPLE SQUARE



Code	A x B mm			€
ACCURACY 1/100 mm				
29053	100 x 70	8001066290536	1	–
29055	150 x 100	8001066290550	1	–
29056	200 x 130	8001066290567	1	–
29057	250 x 165	8001066290574	1	–
29058	300 x 200	8001066290581	1	–
29059	400 x 265	8001066290598	1	–
29060	500 x 330	8001066290604	1	–
29061	600 x 400	8001066290611	1	–
29062	750 x 500	8001066290628	1	–
29063	1000 x 600	8001066290635	1	–
ACCURACY 1/50 mm				
29072	75 x 50	8001066290727	1	–
29073	100 x 70	8001066290734	1	–
29075	150 x 100	8001066290758	1	–
29076	200 x 130	8001066290765	1	–
29077	250 x 165	8001066290772	1	–
29078	300 x 200	8001066290789	1	–
29079	400 x 250	8001066290796	1	–
29080	500 x 330	8001066290802	1	–

- Grinded **unhardened** steel
- Strong section

BACK SQUARE



Code	A x B mm			€
ACCURACY 1/100 mm				
29143	100 x 70	8001066291434	1	–
29145	150 x 100	8001066291458	1	–
29146	200 x 130	8001066291465	1	–
29147	250 x 165	8001066291472	1	–
29148	300 x 200	8001066291489	1	–
29149	400 x 265	8001066291496	1	–
29150	500 x 330	8001066291502	1	–
29151	600 x 400	8001066291519	1	–
29152	750 x 500	8001066291526	1	–
29153	1000 x 600	8001066291533	1	–
ACCURACY 1/50 mm				
29162	75 x 50	8001066291625	1	–
29163	100 x 70	8001066291632	1	–
29165	150 x 100	8001066291656	1	–
29166	200 x 130	8001066291663	1	–
29167	250 x 165	8001066291670	1	–
29168	300 x 200	8001066291687	1	–
29169	400 x 250	8001066291694	1	–
29170	500 x 330	8001066291700	1	–

- Grinded **unhardened** steel
- Strong section

**ZINC PLATED
FLAT SQUARE**



Code	A x B mm			€
29182	100 x 70	8001066291823	1	–
29183	150 x 100	8001066291830	1	–
29184	200 x 130	8001066291847	1	–
29185	250 x 165	8001066291854	1	–
29186	300 x 200	8001066291861	1	–
29187	400 x 250	8001066291878	1	–
29188	500 x 330	8001066291885	1	–
29189	600 x 400	8001066291892	1	–
29190	800 x 400	8001066291908	1	–
29191	1000 x 500	8001066291915	1	–

■ Unhardened steel, zinc plated execution

**ZINC PLATED
BACK SQUARE**



Code	A x B mm			€
29192	100 x 70	8001066291922	1	–
29193	150 x 100	8001066291939	1	–
29194	200 x 130	8001066291946	1	–
29195	250 x 165	8001066291953	1	–
29196	300 x 200	8001066291960	1	–
29197	400 x 250	8001066291977	1	–
29198	500 x 330	8001066291984	1	–
29199	600 x 400	8001066291991	1	–
29200	800 x 400	8001066292004	1	–
29210	1000 x 500	8001066292103	1	–

■ Unhardened steel, zinc plated execution



**HINGED SQUARE
FOR TRACKING**



Code	L mm			€
29263	200	8001066292639	1	–
29264	250	8001066292646	1	–
29265	300	8001066292653	1	–

- Steel
- Reading 0,1 mm
- Engraved graduated scale
- Locking screw



PROFESSIONAL CONTOUR GAUGE

Code	A mm	B mm			€
72003	150	85	8001066720033	1	-
72002	300	150	8001066720026	1	-

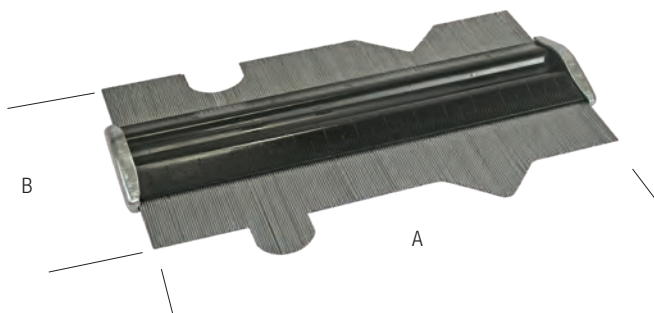
- Professional model for shapes or profiles measurement
- Movable needles
- Hardened steel





CONTOUR GAUGE

Code	A mm	B mm			€
72001	150	85	8001066720019	1	-

- For shapes or profiles measurement
- Movable needles
- Steel
- In blister



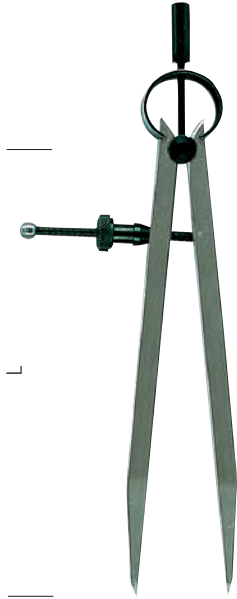
NO-SCRATCH CONTOUR GAUGE

Code	A mm	B mm			€
72005	250	95	8001066720057	1	-

- For shapes or profiles measuring
- Movable needles
- Plastic
- In blister

Not sold in UK

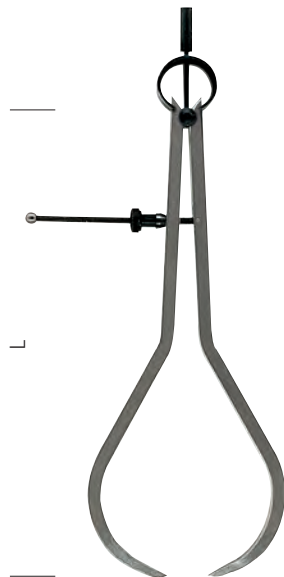
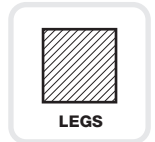




SPRING DIVIDER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
48011	100	8001066480111	2	-	08011	8001066080113	5	-
48012	125	8001066480128	2	-	-	-	-	-
48013	150	8001066480135	2	-	08013	8001066080137	5	-
48014	175	8001066480142	2	-	-	-	-	-
48015	200	8001066480159	2	-	08015	8001066080151	5	-
48016	250	8001066480166	2	-	-	-	-	-
48017	300	8001066480173	2	-	-	-	-	-

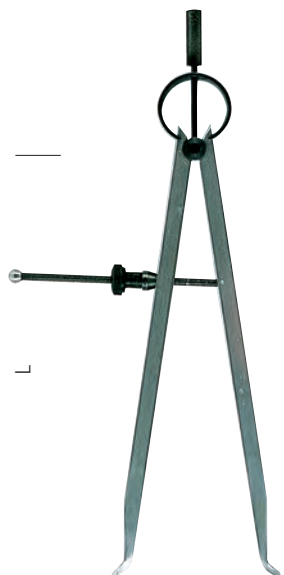
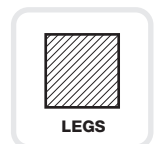
- Spring type
- Quick opening
- Strong square
- Straight hardened steel tips



OUTSIDE SPRING DIVIDER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
48021	100	8001066480210	2	-	08021	8001066080212	5	-
48022	125	8001066480227	2	-	-	-	-	-
48023	150	8001066480234	2	-	06023	8001066060238	5	-
48024	175	8001066480241	2	-	-	-	-	-
48025	200	8001066480258	2	-	06025	8001066060252	5	-
48026	250	8001066480265	2	-	-	-	-	-
48027	300	8001066480272	2	-	-	-	-	-

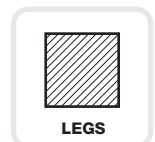
- Outside spring divider
- Fast opening
- Strong square legs
- Hardened steel tips



INSIDE SPRING DIVIDER

Code	L mm	Barcode	Box	€	Code	Barcode	Box	€
48031	100	8001066480319	2	-	-	-	-	-
48032	125	8001066480326	2	-	-	-	-	-
48033	150	8001066480333	2	-	08033	8001066080335	5	-
48034	175	8001066480340	2	-	-	-	-	-
48035	200	8001066480357	2	-	-	-	-	-
48036	250	8001066480364	2	-	-	-	-	-
48037	300	8001066480371	2	-	-	-	-	-

- Inside spring divider
- Fast opening
- Strong square legs
- Hardened steel tips

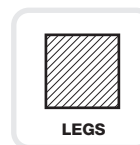


COMPASS

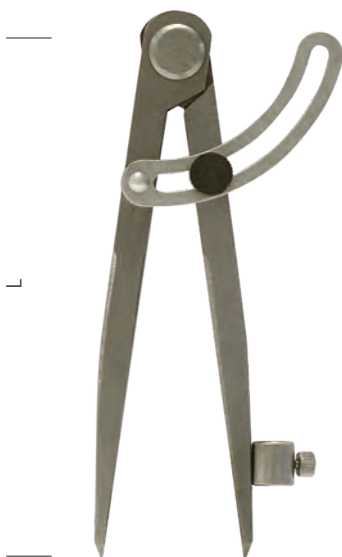


Code	L mm			€	Code			€
48053	150	8001066480531	2	–	08053	8001066080533	5	–
48055	200	8001066480555	2	–	08055	8001066080557	5	–
48056	250	8001066480562	2	–	08056	8001066080564	5	–
48057	300	8001066480579	2	–	–	–	–	–
48058	400	8001066480586	1	–	–	–	–	–
48059	500	8001066480593	1	–	–	–	–	–
48066	600	8001066480661	1	–	–	–	–	–
48068	800	8001066480685	1	–	–	–	–	–
48069	1000	8001066480692	1	–	–	–	–	–

- Sector compass
- Strong square legs
- Hardened steel tips
- With guides and locking



COMPASS WITH ZIP AND HOLDER



Code	L mm			€
48075	150	8001066480753	2	–
48076	200	8001066480760	2	–
48077	300	8001066480777	2	–
48078	500	8001066480784	1	–

- Compass with zip
- With pencil holder
- Steel
- Heavy section
- In plastic bag

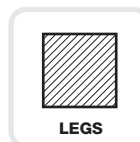


COMPASS



Code	L mm			€
48002	150	8001066480029	2	–
48003	200	8001066480036	2	–
48004	250	8001066480043	2	–
48005	300	8001066480050	2	–
48006	500	8001066480067	1	–
48007	600	8001066480074	1	–
48008	800	8001066480081	1	–
48009	1000	8001066480098	1	–

- Compass
- Straight hardened steel tips
- Square legs
- With rivet
- Strong execution



TRACKING TIP (SCRIBER)

Code	L mm			€
08145	190	8001066081455	5	-



- Black hardened steel
- Straight & bent tip
- In blister



POCKET PEN SCRIBER "RICO" ORIGINAL

Code	L mm			€
28146	170	8001066281466	1	-



- Pocket type
- Carbide tip
- Pen shape
- With clip
- "RICO" original

SPARES

RICO Spare Tip	Code			€
	28152	8001066281527	1	-

METAL POCKET PEN SCRIBER

Code	L mm			€
08150	150	8001066081509	5	-



- Pocket pen scriber
- Carbide tip
- Metal body pen shape
- With clip
- In blister

SPARES

Spare Tip	Code			€
	28151	8001066281510	2	-

ROUND PUNCH

Code	L mm			€
00170	125	8001066001705	5	-



- Length 125 mm
- Black finishing



SIMPLE HEIGHT GAUGE

Code	L mm			€
45011	0 - 300	8001066450114	1	-

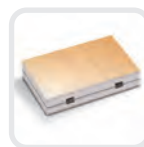
- Simple height gauge
- Hinged rod
- Locking ring
- Scriber
- Prismatic base



PRECISION GRADUATED HEIGHT GAUGE

Code	A mm				€
45050	0 - 300	0,02	8001066450503	1	-
45051	0 - 500	0,02	8001066450510	1	-

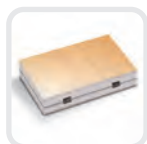
- Precision graduated height gauge
- Hardened stainless steel
- Chromium plated scale
- Micrometric screw
- Carbide scriber
- Prismatic base
- Wooden case



ELECTRONIC DIGITAL HEIGHT GAUGE

Code	A mm				€
45070	0 - 300	0,01	8001066450701	1	-
45071	0 - 500	0,01	8001066450718	1	-
45072	0 - 1000	0,01	8001066450725	1	-

- Electronic digital height gauge
- Hardened stainless steel
- Micrometric screw for fine adjustment
- Reading 0,01 mm
- Resetting for comparative measurements
- Conversion mm/inch
- Carbide scriber
- Wooden case

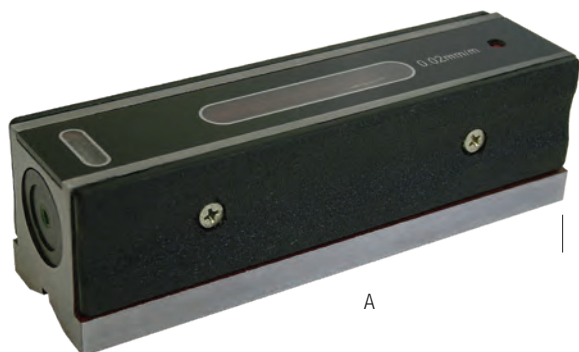


DIAL HEIGHT GAUGE

Code	A mm				€
45060	0 - 300	0,01	8001066450602	1	-
45061	0 - 600	0,01	8001066450619	1	-

- Dial height gauge
- Two columns of scrolling
- Rack movement driven by handwheel
- Double counter: mm (up - down)
- Reading on the double counter: 1 mm
- Reading on the dial indicator: 0,01 mm
- Carbide scriber
- Wooden case



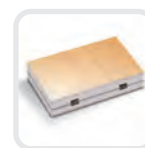


A

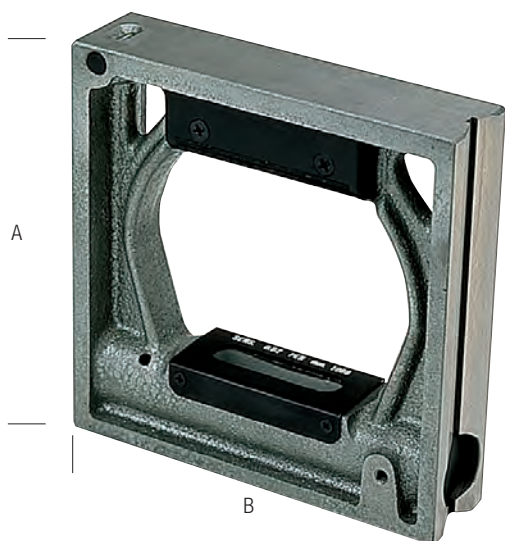
PRECISION LEVEL

Code	A mm	$\frac{1}{100}$ mm			€
30010	150	0,02	8001066300105	1	—
30011	150	0,05	8001066300112	1	—
30012	150	0,10	8001066300129	1	—
30013	150	0,35	8001066300136	1	—
30020	200	0,02	8001066300204	1	—
30021	200	0,05	8001066300211	1	—
30022	200	0,10	8001066300228	1	—
30023	200	0,35	8001066300235	1	—
30030	250	0,02	8001066300303	1	—
30031	250	0,05	8001066300310	1	—
30032	250	0,10	8001066300327	1	—
30033	250	0,35	8001066300334	1	—
30040	300	0,02	8001066300402	1	—
30041	300	0,05	8001066300419	1	—
30042	300	0,10	8001066300426	1	—
30043	300	0,35	8001066300433	1	—

- Cast iron
- Two vials
- Prismatic base
- Wooden case



SQUARE PRECISION LEVEL



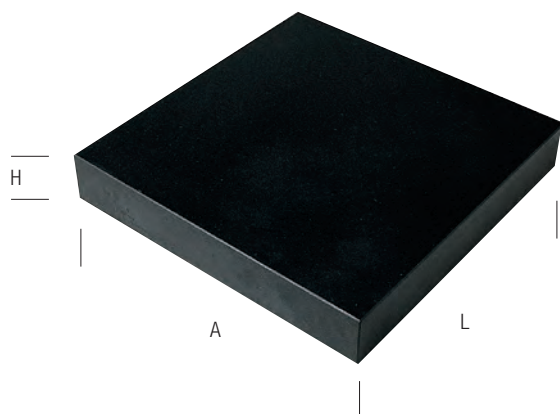
A

B

Code	A x B mm	$\frac{1}{100}$ mm			€
30101	100 x 100	0,02	8001066301010	1	—
30102	100 x 100	0,10	8001066301027	1	—
30103	100 x 100	0,35	8001066301034	1	—
30110	150 x 150	0,02	8001066301102	1	—
30111	150 x 150	0,05	8001066301119	1	—
30112	150 x 150	0,10	8001066301126	1	—
30113	150 x 150	0,35	8001066301133	1	—
30120	200 x 200	0,02	8001066301201	1	—
30121	200 x 200	0,05	8001066301218	1	—
30122	200 x 200	0,10	8001066301225	1	—
30123	200 x 200	0,35	8001066301232	1	—
30130	250 x 250	0,02	8001066301300	1	—
30131	250 x 250	0,05	8001066301317	1	—
30132	250 x 250	0,10	8001066301324	1	—

- Cast iron
- 2 prismatic sides
- Wooden case








 Accuracy:

DIN/0 Lapped surfaces

DIN/I Fine scraped surface

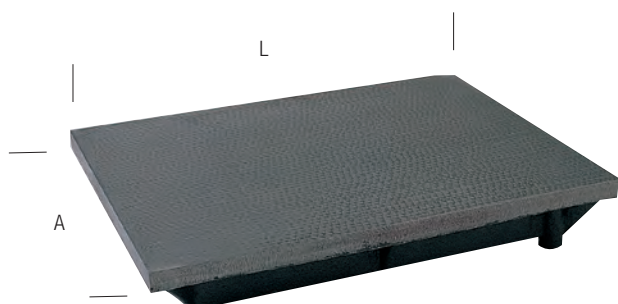
BLACK GRANITE MARBLE

Code	A mm	L mm	H mm				€
28101	400	250	60	DIN/0	8001066281015	1	–
28102	500	315	70	DIN/0	8001066281022	1	–
28103	630	400	80	DIN/0	8001066281039	1	–
28104	800	500	100	DIN/0	8001066281046	1	–
28105	800	800	120	DIN/0	8001066281053	1	–
28106	1000	630	140	DIN/0	8001066281060	1	–

28090	250	160	40	DIN/I	8001066280902	1	–
28091	400	250	60	DIN/I	8001066280919	1	–
28092	500	315	70	DIN/I	8001066280926	1	–
28093	630	400	80	DIN/I	8001066280933	1	–
28094	800	500	100	DIN/I	8001066280940	1	–
28095	800	800	120	DIN/I	8001066280957	1	–
28096	1000	630	140	DIN/I	8001066280964	1	–

■ Table on demand

CAST IRON PLANE






 Accuracy:

DIN/I Fine scraped surface

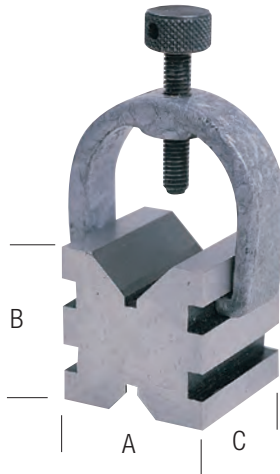
DIN/II Scraped surface

• Planed surface

Code	A mm	L mm				€
28115	200	300	DIN/I	8001066281152	1	–
28116	300	400	DIN/I	8001066281169	1	–
28117	300	500	DIN/I	8001066281172	1	–
28118	400	500	DIN/I	8001066281189	1	–
28119	400	600	DIN/I	8001066281190	1	–
28120	500	600	DIN/I	8001066281206	1	–
28121	500	800	DIN/I	8001066281213	1	–
28122	500	1000	DIN/I	8001066281220	1	–
28124	800	1200	DIN/I	8001066281244	1	–
28125	1000	1200	DIN/I	8001066281251	1	–

28170	200	300	DIN/II	8001066281701	1	–
28171	300	400	DIN/II	8001066281718	1	–
28172	300	500	DIN/II	8001066281725	1	–
28173	400	500	DIN/II	8001066281732	1	–
28174	400	600	DIN/II	8001066281749	1	–
28175	500	600	DIN/II	8001066281756	1	–
28176	500	800	DIN/II	8001066281763	1	–
28177	500	1000	DIN/II	8001066281770	1	–
28178	800	1200	DIN/II	8001066281787	1	–
28179	1000	1200	DIN/II	8001066281794	1	–

■ Table on demand

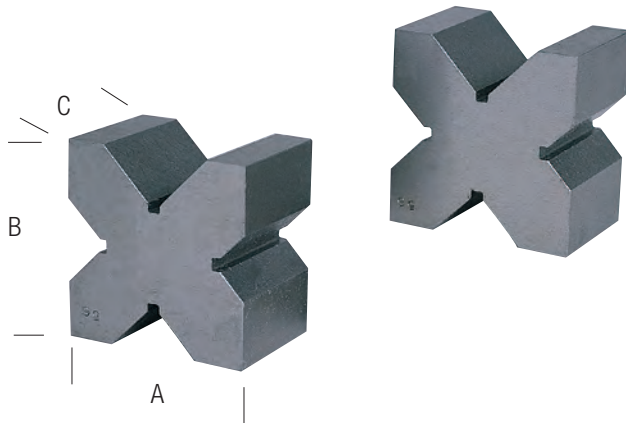


Accuracy:
DIN/I Fine scraped surface

HARDENED STEEL PRISM

Code	A mm	B mm	C mm				€
28135	36	40	45	DIN/I	8001066281350	1	–
28137	45	63	70	DIN/I	8001066281374	1	–
28138	70	90	125	DIN/I	8001066281381	1	–

- Prism with clamp
- Hardened steel
- For accurate checks and tracking
- 2 chamfers at 90°
- Supplied in one piece only



Accuracy:
DIN/I Fine scraped surface
DIN/II Scraped surface

**CROSS PARALLEL PRISMS
COUPLE - CAST IRON**

Code	A mm	L mm	H mm				€
28128	42	42	50	DIN/I	8001066281282	1	–
28129	60	60	50	DIN/I	8001066281299	1	–
28130	75	75	50	DIN/I	8001066281305	1	–
28131	90	90	50	DIN/I	8001066281312	1	–
28132	100	80	50	DIN/I	8001066281329	1	–
28133	120	90	60	DIN/I	8001066281336	1	–

28139	42	42	50	DIN/II	8001066281398	1	–
28140	60	60	50	DIN/II	8001066281404	1	–
28141	75	75	50	DIN/II	8001066281411	1	–
28142	90	90	50	DIN/II	8001066281428	1	–
28143	100	80	50	DIN/II	8001066281435	1	–
28144	120	90	60	DIN/II	8001066281442	1	–

- Cross parallel prisms couple
- Cast iron
- Ground in pairs
- Supplied in pairs



INOX

STAINLESS KNIFE EDGE




Code	A mm			€
28021	75	8001066280216	1	–
28022	100	8001066280223	1	–
28023	125	8001066280230	1	–
28024	150	8001066280247	1	–
28025	200	8001066280254	1	–
28027	300	8001066280278	1	–
28028	400	8001066280285	1	–
28029	500	8001066280292	1	–
28030	600	8001066280308	1	–
28031	800	8001066280315	1	–
28032	1000	8001066280322	1	–

- Hardened **stainless steel**
- Insulated handle
- In case
- Accuracy DIN 874



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H
—

MAGNETIC BASE




Code	H mm				€
46010	230	60 Kg	8001066460106	1	—
46015	230	45 Kg	8001066460151	1	—

- 3 strong arms
- With fine adjustment
- Prismatic base
- On/off lever switch
- Holding force 45/60 Kg
- Supplied without dial



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H
—

UNIVERSAL MAGNETIC BASE WITH ARMS




Code	H mm				€
46025	410	80 Kg	8001066460250	1	—

- Flexible strong arms
- Locking in any position
- Prismatic base
- On/off lever switch
- Holding force 80 Kg



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—

FLEXIBLE MAGNETIC BASE




Code	H mm				€
46020	370	45 Kg	8001066460205	1	—

- Flexible type
- Locking in any position
- Prismatic base
- On/off lever switch
- Holding force 45 Kg

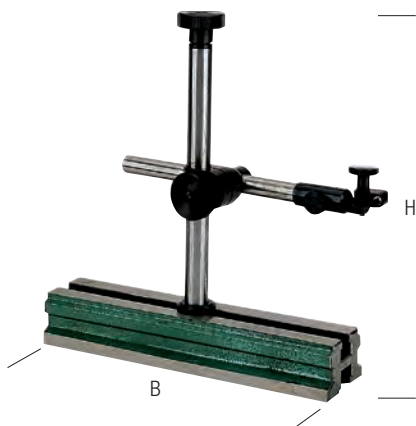


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MINI MAGNETIC BASE

Code	H mm				€
46023	100	10 Kg	8001066460236	1	—

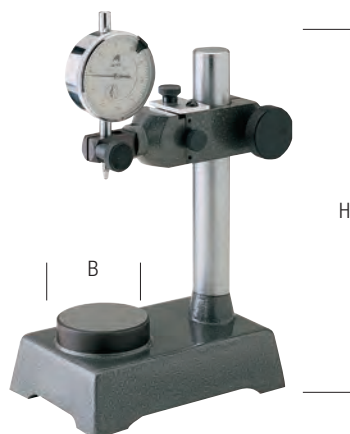
- Small size cylindrical base
- Ø 25 mm
- Height 100 mm
- Holding force 10 Kg



UNIVERSAL STAND

Code	H mm	B mm			€
46005	300	250	8001066460052	1	—

- Universal stand
- Grinded prismatic base
- Adjustment screw



HIGH PRECISION COLUMN STAND

Code	H mm	B mm			€
46060	290	60	8001066460601	1	—

- Hardened and grinded steel
- Fine adjustment of the dial
- Supplied without dial
- Wooden case



MICROMETER STAND

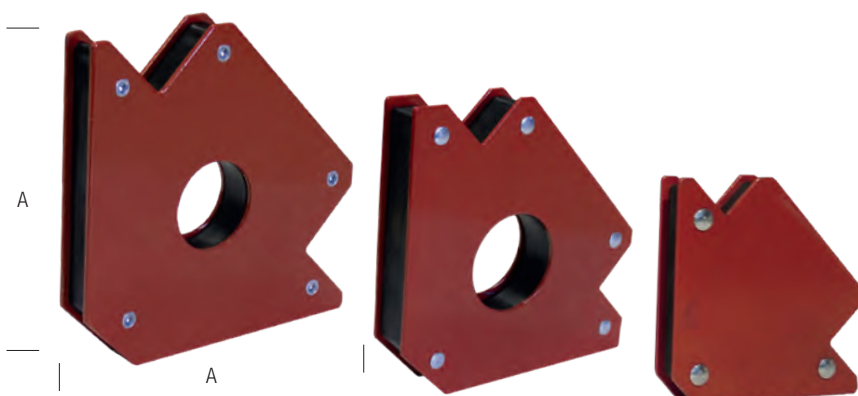
Code	H mm	B mm			€
46070	—	—	8001066460700	1	—

- Micrometer stand
- Adjustable clamp

MAGNETIC HOLDER

Code	inch	A x A mm			€
60300	3"	85 x 85	8001066603008	1	—
60304	4"	110 x 110	8001066603004	1	—
60305	5"	135 x 135	8001066603005	1	—

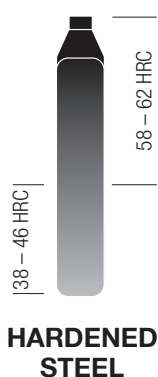
- Magnetic holder
- Multifunction: welding, assembling, fixing
- Fixing magnetic on all sides of the outline



PROFESSIONAL PUNCHINGS ALPHABET SERIES

Code	H mm			€
70133	3	8001066701339	1	–
70134	4	8001066701346	1	–
70135	5	8001066701353	1	–
70136	6	8001066701360	1	–
70137	8	8001066701377	1	–

- Professional punchings: alphabet series
- 27 letters
- Hardened steel
- Extra quality: Cr-V (6150)



PROFESSIONAL PUNCHINGS NUMBER SERIES

Code	H mm			€
70143	3	8001066701438	1	–
70144	4	8001066701445	1	–
70145	5	8001066701452	1	–
70146	6	8001066701469	1	–
70147	8	8001066701476	1	–

- Professional punchings: number series
- 9 figures
- Hardened steel
- Extra quality: Cr-V (6150)



PUNCHINGS ALPHABET SERIES

Code	H mm			€
70102	2	8001066701025	1	–
70104	3	8001066701049	1	–
70105	4	8001066701056	1	–
70106	5	8001066701063	1	–
70107	6	8001066701070	1	–
70108	8	8001066701087	1	–
70109	10	8001066701094	1	–

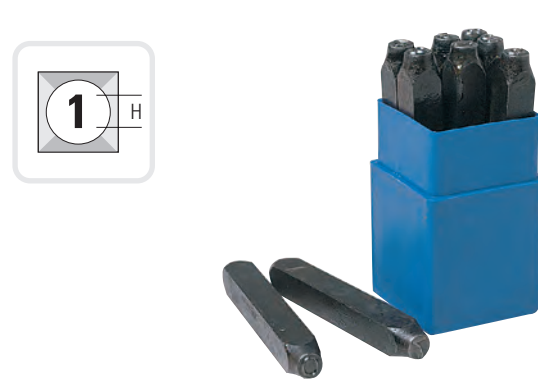
- Punchings: alphabet series
- 27 letters



PUNCHINGS NUMBER SERIES

Code	H mm			€
70152	2	8001066701520	1	–
70154	3	8001066701544	1	–
70155	4	8001066701551	1	–
70156	5	8001066701568	1	–
70157	6	8001066701575	1	–
70158	8	8001066701582	1	–
70159	10	8001066701599	1	–

- Punchings: number series
- 9 figures





POCKET HAND COUNTER 4 DIGITS (9999)

Code	H mm	∅ mm			€
65043	3,5	43	8001066650439	1	–
65044	3,5	43	8001066650446	1	–

- Digits height: 3,5 mm
- Reset
- Max speed 500 strokes/min
- Weight 60 gr

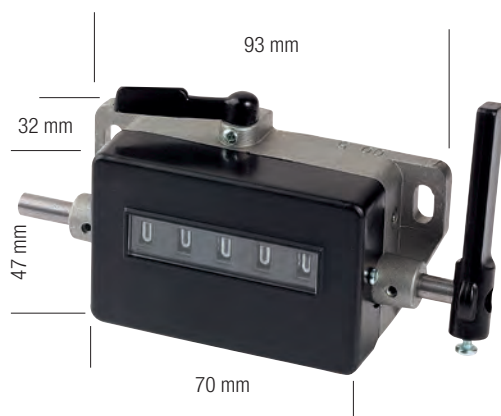
STROKE COUNTER 5 DIGITS (99999)



Code	H mm						€
65055	5		•	y	8001066650552	1	–
65056	5		•	x	8001066650569	1	–
65057	5	•		y	8001066650576	1	–
65058	5	•		x	8001066650583	1	–

- Digits height: 5 mm
- Reset by rotating knob
- Max speed 1.000 strokes/min
- Weight 50 gr
- Plastic body
- Waterproof
- Base on request

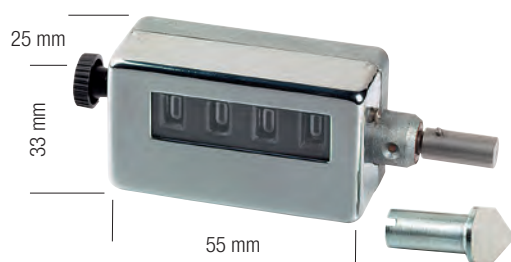
STROKE COUNTER 5 DIGITS (99999)



Code	H mm						€
65060	6	•	•	y	8001066650606	1	–
65061	6	•	•	x	8001066650613	1	–

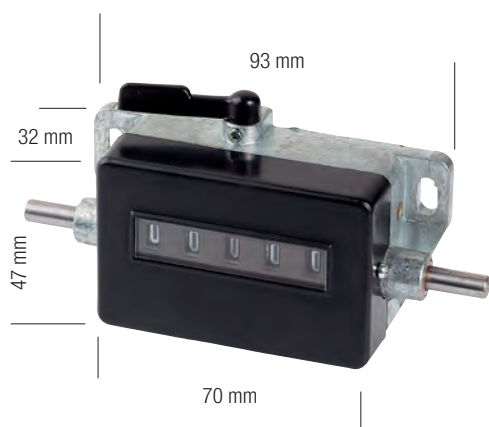
- Digits height: 6 mm
- Both right/left drive
- Quick reset
- Max speed 700 strokes/min
- Weight 360 gr
- Zama body
- Strong execution for application on machines

POCKET REVOLUTION COUNTER 4 DIGITS (9999)



Code	H mm						€
70000	6		•	x/y	8001066700004	1	–

- Both ways rotation
- Reset
- Max speed 5000 rpm
- Weight 160g
- Rubber tip + a replacement tip



REVOLUTION COUNTER 5 DIGITS (99999)

Code	H mm						€
70003	6	•	•	y	8001066700035	1	–
70005	6	•	•	x	8001066700059	1	–

- Digits height: 6 mm
- Both right/left drive
- Quick reset
- Max speed 5.000 rpm
- Zama body
- Weight 360 gr
- Strong execution suitable to be fitted on the machines

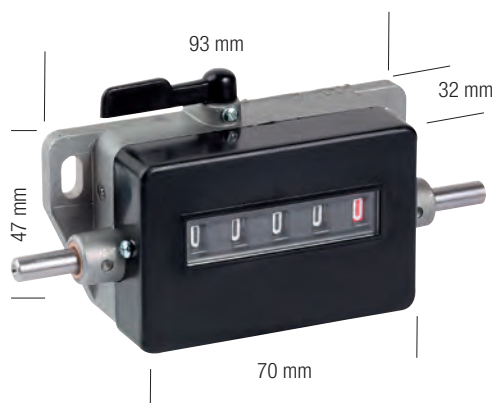


LENGTH COUNTER 5 DIGITS (9999,9) 1/1 (1 rev. = 10 cm)

Code	H mm						€
65110	5		•	y/x	8001066651108	1	–
65112	5	•		y/x	8001066651122	1	–

- Both ways incremental rotation
- Red decimal
- Digits height: 5 mm
- Reset
- Max speed 500 m/min
- Base on request
- Weight 50 gr

Suitable for wheels 10 cm circumference (Code **65020** and **65021**)



LENGTH COUNTER 5 DIGITS (9999,9) 1/1 (1 rev. = 10 cm)

Code	H mm						€
65000	6	•	•	y	8001066650002	1	–
65002	6	•	•	x	8001066650026	1	–

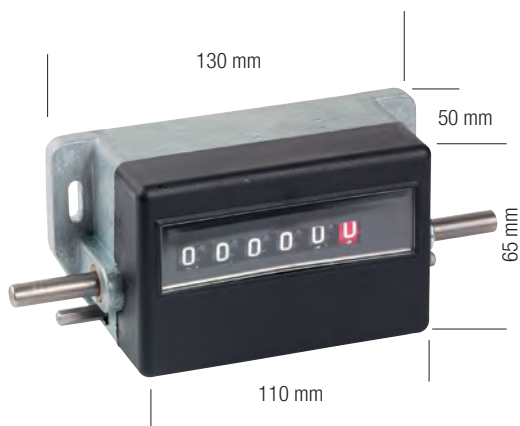
1/2 (1 rev. = 20 cm)

Code	H mm						€
65003	6	•	•	y	8001066650033	1	–
65004	6	•	•	x	8001066650040	1	–

- Red decimal
- Digits height: 6 mm
- Quick reset
- Max speed 500 m/min
- Strong execution for application on machines
- Zama body
- Weight 360 gr

Code **65000** and **65002** suitable for wheels 10 cm circumference (Code **65020** and **65021**)

Code **65003** and **65004** suitable for wheels 20 cm circumference (Code **65022**)



Suitable for wheels 50 cm circumference (Code **65024**)

**LENGTH COUNTER 6 DIGITS
(99999,9)**

1/5 (1 rev. = 50 cm)

Code	H mm	□	□	↺ ↻ y	▮	📦	€
65007	8	•	•	y	8001066650071	1	-
65008	8	•	•	x	8001066650088	1	-

- Red decimal
- Digits height: 8 mm
- Quick reset
- Max speed 500 m/min
- Strong execution for application on machines
- Zama body
- Weight 800 gr.

**LENGTH COUNTER DEVICE
4 DIGITS (999,9)**

1/2 (1 rev. = 20 cm)

Code	H mm	□	□	↺ ↻ y	▮	📦	€
65030	6	•	•	y	8001066650309	1	-
65031	6	•	•	x	8001066650316	1	-

- Decreasing length counter
- 4 digits
- Double display
- Rope/string groove wheel (20 cm)
- Presetting of rebooking number button
- Electrical intervention at "0"

1/2 (1 rev. = 20 cm)

Code	H mm	□	□	↺ ↻ y	▮	📦	€
65035	6		•	y	8001066650354	1	-

- Length counter
- For cables/strings Ø 2,5 ÷ 9 mm
- Quick reset button

MEASURING WHEEL

Code	S mm	📦	▮	📦	€
65020	100	A	7	8001066650200	1 -
65021	100	B	18	8001066650217	1 -
65022	200	C	34	8001066650224	1 -
65024	500	D	375	8001066650248	1 -

- A = nylon + OR
- B = knurled aluminium
- C = nylon + rubber
- D = aluminium + rubberized band



Code **65030**

Code **65035**

Suitable for wheels 20 cm circumference (Code **65022**)



Code **65020**



Code **65021**



Code **65022**



Code **65024**

Code	page	Code	page	Code	page	Code	page
00002	200	08010	128	08496	106	08973	96
00011	209	08011	246	08497	106	08974	96
00038	207	08012	128	08503	101	08975	96
00039	207	08013	246	08505	101	08978	96
00045	186	08015	246	08508	101	09010	128
00170	248	08020	128	08510	101	09012	170
00250	47	08021	246	08593	103	09014	168
00500	174	08030	128	08595	103	09017	168
00503	174	08033	246	08596	103	09018	171
00722	208	08053	247	08597	97	09022	169
00801	209	08055	247	08598	103	09023	171
01089	183	08056	247	08599	103	09026	167
01090	183	08075	95	08643H	104	09028	167
02040	137	08078	95	08645H	104	09029	167
03080	133	08103	94	08646H	104	09035	170
03081	161	08104	94	08647H	104	09040	132
03083	161	08105	94	08648H	104	09043	132
03084	161	08108	94	08653	104	09045	172
03090	133	08143	94	08654	104	09050	132
03093	133	08144	94	08655	104	09052	173
03130	134	08145	248	08656	104	09053	173
03140	134	08148	94	08658	104	09056	170
03150	134	08150	248	08660	104	09060	132
03160	134	08162	106	08665	100	09102	168
03169	135	08163	106	08755	98	09103	169
04030	163	08165	106	08758	98	09104	171
05020	216	08182	106	08765	98	09105	172
05021	216	08183	106	08768	98	09106	172
05022	216	08185	106	08793	102	09117	172
05023	216	08196	106	08794	102	09119	170
05024	216	08206	105	08795	102	09121	171
05041	216	08212	96	08798	102	09130	169
05042	216	08214	96	08800	102	09145	173
05043	216	08215	96	08892	107	09242	144
05100	216	08218	96	08893	107	09243	144
05101	216	08264	105	08895	107	09244	144
05102	216	08320	99	08912	107	09245	144
05103	216	08321	99	08913	107	09247	144
05104	216	08322	99	08915	107	09498	180
05105	216	08323	99	08922	107	09650	143
06023	246	08362	106	08923	107	09662	143
06025	246	08363	106	08925	107	09665	143
06030	168	08365	106	08932	107	10001	198
06050	169	08396	101	08933	107	10002	200
06080	161	08397	101	08935	107	10008	200
06082	161	08398	101	08963	98	10009	200
06240	144	08399	101	08964	98	10011	209
06241	144	08403	103	08965	98	10013	204
08004	130	08405	103	08968	98	10017	200
08005	130	08409	103	08970	98	10018	198

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10023	204	11022	210	20208	139	24051	235
10024	204	11035	210	20209	139	24052	235
10031	207	12040	210	21030	138	24053	235
10037	205	12041	210	21035	138	24054	235
10038	207	12043	210	21035_NG	139	24061	235
10039	207	12044	210	21036	138	24062	235
10051	203	12045	210	21235	139	24063	235
10055	205	12046	210	21236	139	24064	235
10058	204	12047	210	22040	137	24072	235
10059	204	12048	210	22071	140	24073	235
10061	202	12049	210	22091	140	24075	235
10064	207	12050	211	22110	140	24076	235
10067	206	12051	211	23080	133	24082	235
10072	203	12053	211	23085H	136	24083	235
10074	202	12072	211	23090	133	24085	235
10075	206	12091	211	23093	133	24086	235
10080	198	12092	211	23110	137	24092	235
10081	199	12110	201	23119	137	24093	235
10082	199	12111	201	23120	137	24102	235
10083	199	12113	201	23126	137	24103	235
10105	206	12120	210	23127	137	24122	238
10147	213	12121	210	23128	137	24123	238
10148	213	12122	210	23130	134	24124	238
10149	213	12123	210	23140	134	24151	237
10150	213	12145	201	23150	134	24152	237
10151	208	15030	138	23152	137	24153	237
10153	208	16010	138	23160	134	24154	237
10181	208	18004	130	23162	135	24156	237
10455	214	18005	130	23169	135	24158	237
10460	214	18006	131	23300	136	24159	237
10480	205	18010	128	24002	213	24160	237
10700	209	18012	128	24003	213	24176	237
10701	209	18019	129	24004	213	24177	237
10722	208	18020	128	24007	213	24300	234
10723	208	18030	128	24011	235	24301	234
10745	201	18070	131	24012	235	24303	234
10770	214	18080	131	24013	235	24320	234
10801	209	19010	128	24014	235	24321	234
10820	215	19040	132	24021	235	24322	234
10821	215	19043	132	24022	235	25010	237
10822	215	19050	132	24023	235	25011	237
10830	215	19060	132	24024	235	25012	237
10835	231	20070	138	24031	235	25013	237
10836	231	20106	138	24032	235	25015	237
10903	212	20107	138	24033	235	25017	237
10904	212	20108	138	24034	235	25018	237
10905	212	20109	138	24041	235	25019	237
10906	212	20109_NG	139	24042	235	25030	237
11020	210	20110	138	24043	235	25031	237
11021	210	20136	132	24044	235	25032	237

Code	page	Code	page	Code	page	Code	page
25033	237	25133	236	27071	242	28129	252
25035	237	25134	236	27072	242	28130	252
25037	237	25135	236	27073	242	28131	252
25038	237	25136	236	27075	242	28132	252
25039	237	25141	236	27076	242	28133	252
25050	237	25142	236	27078	242	28135	252
25051	237	25143	236	28021	252	28137	252
25052	237	25144	236	28022	252	28138	252
25053	237	25145	236	28023	252	28139	252
25055	237	25146	236	28024	252	28140	252
25057	237	25151	236	28025	252	28141	252
25058	237	25152	236	28027	252	28142	252
25059	237	25153	236	28028	252	28143	252
25060	237	25154	236	28029	252	28144	252
25070	237	25155	236	28030	252	28146	248
25071	237	25156	236	28031	252	28151	248
25072	237	25200	236	28032	252	28152	248
25073	237	25201	238	28050	229	28170	251
25075	237	25202	238	28051	229	28171	251
25077	237	25203	238	28052	229	28172	251
25078	237	25204	238	28053	229	28173	251
25079	237	25205	238	28054	229	28174	251
25084	237	25221	238	28055	229	28175	251
25091	237	25222	238	28056	229	28176	251
25092	237	25223	238	28057	229	28177	251
25095	237	25224	238	28060	229	28178	251
25096	236	25225	238	28090	251	28179	251
25097	237	25497	241	28091	251	29053	243
25098	237	25498	241	28092	251	29055	243
25099	237	25510	241	28093	251	29056	243
25101	236	25511	241	28094	251	29057	243
25102	236	25512	241	28095	251	29058	243
25103	236	25513	241	28096	251	29059	243
25104	236	25514	241	28101	251	29060	243
25105	236	25515	241	28102	251	29061	243
25106	236	25516	241	28103	251	29062	243
25111	236	26031	242	28104	251	29063	243
25112	236	26032	242	28105	251	29072	243
25113	236	26033	242	28106	251	29073	243
25114	236	26035	242	28115	251	29075	243
25115	236	26036	242	28116	251	29076	243
25116	236	26038	242	28117	251	29077	243
25121	236	27029	242	28118	251	29078	243
25122	236	27030	242	28119	251	29079	243
25123	236	27031	242	28120	251	29080	243
25124	236	27032	242	28121	251	29143	243
25125	236	27033	242	28122	251	29145	243
25126	236	27035	242	28124	251	29146	243
25131	236	27036	242	28125	251	29147	243
25132	236	27038	242	28128	252	29148	243

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29149	243	29252	144	30101	250	32216X	159
29150	243	29253	144	30102	250	32218X	159
29151	243	29254	144	30103	250	32224	151
29152	243	29255	144	30110	250	32225	151
29153	243	29256	144	30111	250	32226	151
29162	243	29257	144	30112	250	32228	151
29163	243	29263	244	30113	250	32230	151
29165	243	29264	244	30120	250	32232	151
29166	243	29265	244	30121	250	32270	164
29167	243	29301	145	30122	250	32271	164
29168	243	29302	145	30123	250	32272	164
29169	243	29303	145	30130	250	32273	164
29170	243	29304	145	30131	250	32274	164
29182	244	29305	145	30132	250	32275	164
29183	244	29320	146	31021	160	32290	156
29184	244	29321	146	31024	160	32291	156
29185	244	29322	146	31025	160	32292	156
29186	244	29323	146	31062	158	32293	156
29187	244	29354	145	31063	158	32294	156
29188	244	29355	145	31064	158	32295	156
29189	244	29356	145	31065	158	32296	156
29190	244	29357	145	31066	158	32298	156
29191	244	29358	145	31072	158	32300	156
29192	244	29359	145	31073	158	32302	156
29193	244	29502	145	31074	158	32304	156
29194	244	29790	85	31075	158	32305	156
29195	244	29890	85	31076	158	32306	156
29196	244	29900	86	31078	158	32308	156
29197	244	29901	86	31080	158	32310	156
29198	244	29902	86	31084	157	32365	151
29199	244	29903	86	31085	157	32368	151
29200	244	29904	86	31086	157	32370	151
29210	244	29905	87	31088	157	32543	159
29219	146	29915	87	31090	157	32544	159
29220	146	30010	250	31094	157	32545	159
29221	146	30011	250	31095	157	32546	159
29222	146	30012	250	31096	157	32548	159
29232	144	30013	250	31098	157	32550	159
29233	144	30020	250	32163	158	32551	159
29234	144	30021	250	32164	158	32552	159
29235	144	30022	250	32165	158	32553	159
29236	144	30023	250	32166	158	32554	159
29237	144	30030	250	32168	158	32563	159
29240	144	30031	250	32170	158	32564	159
29241	144	30032	250	32204	158	32565	159
29242	144	30033	250	32205	158	32566	159
29243	144	30040	250	32206	158	32568	159
29244	144	30041	250	32208	158	32570	159
29245	144	30042	250	32210	158	32650	164
29247	144	30043	250	32214X	159	32651	164

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32652	164	32855	155	33218	153	35101	216
32653	164	32858	155	33220	153	35102	216
32654	164	32860	155	33226	160	35103	216
32660	164	32920	162	33236	160	35104	216
32661	164	32937	151	33304	152	35105	216
32662	164	32939	152	33305	152	35129	217
32663	164	32941	153	33306	152	35134	217
32664	164	33000	161	33308	152	35135	217
32670	164	33001	161	33310	152	35136	217
32671	164	33031	160	33312	152	35140	217
32672	164	33032	160	33315	152	35142	217
32673	164	33080	161	33318	152	35143	217
32674	164	33081	161	33320	152	36030	142
32675	164	33082	161	33806	85	36500	142
32676	164	33083	161	33810	85	36511	142
32677	164	33084	161	34030	163	36512	142
32704	154	33130	152	34100	163	36513	142
32705	154	33134	152	34500	162	36514	142
32706	154	33135	152	34509	162	36540	142
32708	154	33136	152	34510	162	36541	142
32710	154	33138	152	34511	162	36542	142
32734	154	33140	152	34513	162	36543	142
32735	154	33141	152	34514	162	36550	143
32736	154	33142	152	34519	162	38028	109
32738	154	33145	152	34520	162	38029	109
32740	154	33150	152	34521	162	38030	109
32754	150	33164	153	34550	162	38031	109
32755	150	33165	153	34551	162	38032	109
32756	150	33166	153	35010	217	38033	109
32758	150	33168	153	35011	217	38143D	94
32804	155	33170	153	35015	217	38145D	94
32805	155	33172	153	35018	217	38148D	94
32806	155	33175	153	35020	216	38162	106
32808	155	33178	153	35021	216	38163	106
32810	155	33180	153	35022	216	38165	106
32834	151	33182	153	35023	216	38182	106
32835	151	33183	153	35024	216	38183	106
32836	151	33185	153	35041	216	38185	106
32837	151	33186	153	35042	216	38196	106
32838	151	33194	153	35043	216	38206	105
32839	151	33195	153	35070	217	38212	96
32840	151	33196	153	35071	217	38214	96
32841	151	33198	153	35078	217	38215	96
32842	151	33200	153	35080	216	38218	96
32844	155	33202	153	35081	216	38264	105
32845	155	33205	153	35082	216	38362	106
32846	155	33208	153	35083	216	38363	106
32848	155	33210	153	35084	216	38365	106
32850	155	33212	153	35085	216	38396	101
32852	155	33215	153	35100	216	38397	101

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38398	101	38940	109	40014	124	42224	230
38399	101	38962	107	40015	124	42225	230
38402	99	39192	119	40016	124	43030	232
38404	99	39203V	117	40017	124	43031	232
38433	101	39207V	117	40023V	121	43032	232
38496	106	39213V	117	40025V	121	43034	232
38497	106	39217V	117	40027	121	43037	232
38503	101	39223	119	40029V	120	43049	233
38505	101	39225	119	40031	123	43051	233
38508	101	39238V	116	40033	123	43052	233
38510	101	39242V	114	40034	123	43053	233
38593	103	39243V	114	40035	123	43054	233
38595	103	39244V	115	40037	123	43055	233
38596	103	39261V	118	40053	123	43056	233
38597	97	39262V	118	40055	123	43057	233
38598	103	39270V	116	40057	123	43059	233
38599	103	39272V	117	40086	84	43060	233
38605	100	39273V	117	40090	84	43061	233
38643H	104	39274V	117	40091	84	43068	233
38645H	104	39275V	117	40113	122	43069	233
38646H	104	39277V	117	40115	122	43100	233
38647H	104	39330	118	40143	123	43101	233
38648H	104	39350	118	40223	122	43102	233
38653	104	39801	240	41010	226	43120	233
38654	104	39802	240	41017	228	43121	233
38655	104	39803	240	41018	228	43122	233
38656	104	39811	240	41019	226	43140	215
38658	104	39812	240	41020	226	43180	231
38660	104	39813	240	41025	226	43181	231
38736	102	39821	240	41026	226	44010	223
38751	108	39822	240	41027	227	44021	225
38754	108	39823	240	41028	227	44026	222
38761	108	39826	240	41052	227	44027	222
38764	108	39827	240	41053	227	44028	222
38771	108	39828	240	41080	228	44030	225
38774	108	39831	240	41085	228	44040	224
38892	107	39832	240	41090	227	44041	224
38893	107	39833	240	41150	228	44061	218
38895	107	39836	240	42010	229	44062	218
38910	241	39837	240	42020	229	44063	218
38911	241	39838	240	42030	229	44064	218
38912	107	39979	240	42032	229	44065	218
38913	107	39980	240	42040	229	44066	218
38915	107	39981	240	42110	229	44067	218
38922	107	39985	240	42120	229	44068	218
38923	107	39986	240	42130	229	44069	218
38925	107	39987	240	42140	229	44080	218
38932	107	40011	124	42204	230	44081	224
38933	107	40012	124	42205	230	44082	224
38935	107	40013	124	42223	230	44083	224

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44084	224	44381	221	48058	247	49366	88
44085	224	45011	249	48059	247	49370	90
44086	224	45050	249	48066	247	49371	90
44087	224	45051	249	48068	247	49373	89
44088	224	45060	249	48069	247	49374	89
44090	224	45061	249	48071	212	49377	90
44091	224	45070	249	48072	212	49492	180
44095	218	45071	249	48073	212	49494	180
44096	218	45072	249	48074	212	49498	180
44098	222	46005	254	48075	247	49510	180
44099	222	46010	253	48076	247	49550	180
44101	223	46015	253	48077	247	49562	180
44102	223	46020	253	48078	247	49563	180
44103	223	46023	253	49012	170	49564	180
44104	223	46025	253	49014	168	49565	180
44106	223	46060	254	49016	168	49581	180
44107	223	46070	254	49017	168	49582	180
44111	222	48002	247	49018	171	50001M	189
44114	222	48003	247	49023	171	50002M	189
44115	222	48004	247	49024	169	50003M	189
44116	222	48005	247	49025	173	50004M	189
44117	222	48006	247	49030	168	50005M	189
44120	225	48007	247	49031	168	50006M	189
44122	219	48008	247	49035	170	50007M	189
44123	219	48009	247	49036	167	50009M	189
44124	219	48011	246	49048	171	50011	190
44130	219	48012	246	49049	172	50012	190
44202	221	48013	246	49050	169	50013	190
44203	221	48014	246	49051	169	50014	190
44204	221	48015	246	49052	173	50018M	190
44205	221	48016	246	49054	170	50040	185
44210	220	48017	246	49061	169	50041	185
44211	220	48021	246	49117	172	50042	185
44212	220	48022	246	49124	171	50043	185
44213	220	48023	246	49127	171	50045	186
44220	220	48024	246	49145	173	50047	186
44230	220	48025	246	49151	173	50049	186
44250	223	48026	246	49159	181	50050	191
44251	223	48027	246	49204	47	50051	191
44252	223	48031	246	49205	47	50070	191
44300	221	48032	246	49345	90	50071	191
44301	221	48033	246	49356	89	50072	191
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44352	219	48035	246	49359	88	50101M	190
44353	219	48036	246	49360	88	50102M	190
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44372	219	48055	247	49363	88	50142	188
44373	219	48056	247	49364	89	50143	188
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