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# ABOUT US

## ABOUT THE PRO COMPANY

For over 30 years, PRO Sp. z o.o. has been setting the standards as an industry leader and Poland's largest manufacturer of measuring tools and equipment used in construction. The most significant of these is the red PRO spirit level - the fundamental measuring tool on every construction site.

"Setting the standards" is part of the company's mission, implemented through the principle of Total Quality Management. The beginning of this road to perfection was the certification of the Quality System according to ISO 9000 standard in 1999, extended by the introduction of the Integrated Management System (ISO 9001, ISO 14000, PN-N-18001).

Winning the Silesian and then the national edition of the Polish Quality Award in 2003 confirmed the quality of the applied company management methods. In the following year - 2004 - the PRO company also received a distinction for its pro-ecological activities in the Pantheon of Polish Ecology competition.

A well-managed company is capable of producing excellent products. The PRO company manufactures some of the best spirit levels in the world, which was recognized by the European Medal for Products in 2002 and the Gold Medal for the PRO spirit level at BUDMA 2003 International Construction Fair.

PRO not only cares about the highest quality of its tools, but also about their aesthetics, for which it received an award in the only European competition in the field of design management - the Design Management Europe Award 2014. DME award winners are innovative organizations for which design is a major element of marketing strategy.

The Company was awarded the Forbes Diamonds in 2010 for its dynamic development. PRO's current offer includes a whole range of tools utilized by every professional in the construction industry, starting with a tape measure and ending with technologically advanced digital and laser measuring devices.

The company was recognized and awarded for these innovative products in 2015, in the 6th edition of the Company of the Year competition, in the "Innovative Company" category, organized by RIHiP in Bielsko-Biala. The company is, first of all, the people. For a market leader who applies TQM methods in practice, occupational safety is a priority concern. This was recognized by the National Labor Inspectorate with an award in the "Employer-Organizer of Safe Work" competition, which promotes the best practices in improving safety conditions at work. Last but not least, PRO is active in the field of sports sponsorship, supporting



AZS ATH Bielsko-Biala over the years. In the cultural sphere, as a long-term "Sponsor of Bielska Jesień - the Founder of the Award".

The company currently employs nearly 200 people, and our products are exported to 28 countries.

## DESIGN THINKING

The competence of R&D in product development for 30 years of business is worth mentioning. The form of our measuring instruments is developed with the Design Thinking method.

Design Thinking is an approach to creating new products and services based on a deep understanding of user problems and needs.

The company observes users in their natural working conditions, noticing details that they are often unaware of.

PRO reflects these needs in ergonomics and product design. It is a very rewarding process, although difficult and expensive.

This has led to the development of, among other things, our vials, which thanks to their design act like a magnifying glass, making it easier for users to read.

In the field of design, we have received the prestigious DME (Design Management Europe) and iF Design awards.

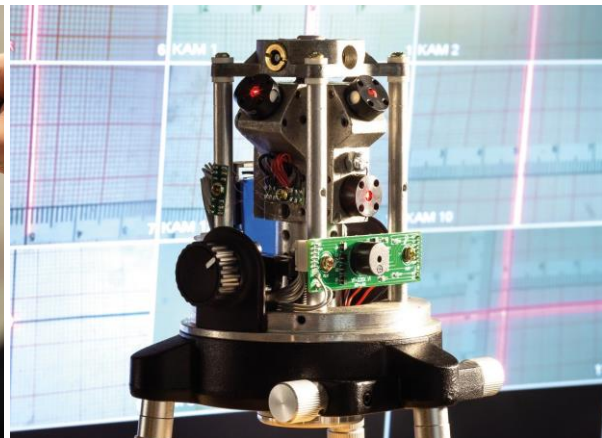
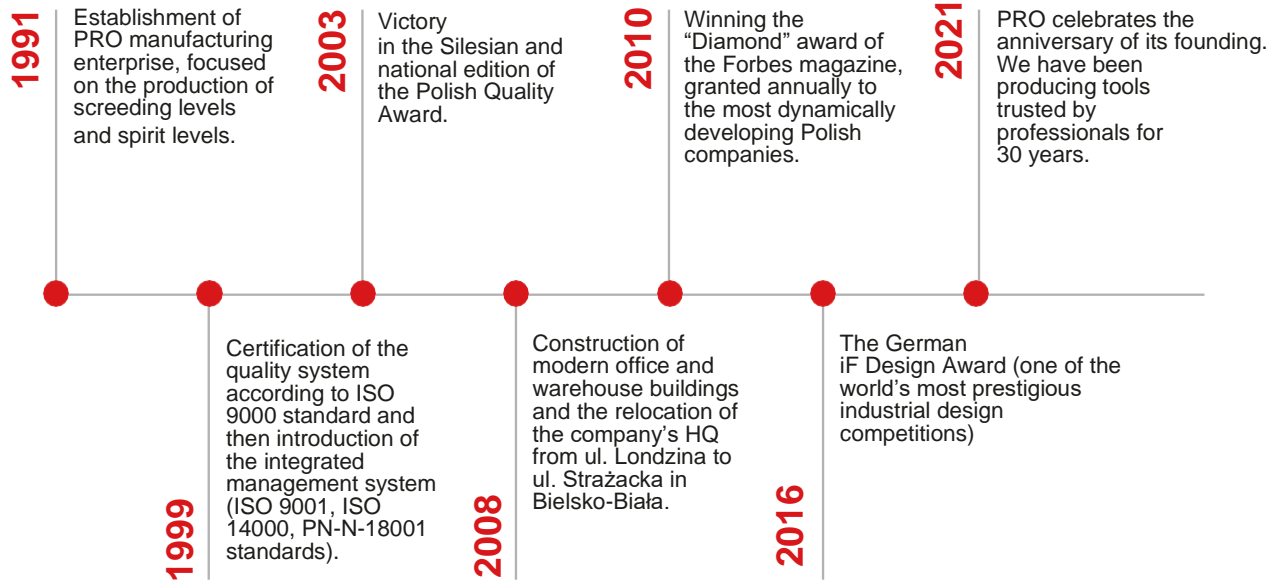
DESIGN  
MANAGEMENT  
EUROPE

**DME AWARD\_**



# ABOUT US

## COMPANY HISTORY



## CALIBRATION CENTER

We have a laser equipment calibration center. Our workstations are equipped with an industrial-grade collimator for the calibration of plumb lines, levels, 90-degree angles, and compensator alignment, as well as 19 cameras to facilitate efficient and precise calibration of lasers.

Before the calibration process, we perform an initial check of the equipment for any mechanical damage. Thanks to the standards of plumb lines, 90-degree angle and 360-degree level, we can assess and precisely compensate the degree of deviation of the laser from the standard.

By calibrating the components one by one, we keep an eye on the model guidelines. The goal of correct calibration is to maximize the precision of the measurements.

Each item is carefully inspected before it is released from the warehouse and shipped to the customer. In our center, we calibrate all laser elements, which makes us one of the few manufacturers on the Polish market with such a wide and specialized capabilities. All of this is to ensure that we can meet high expectations of our customers when it comes to the accuracy of our measuring equipment.

01 LEVELS

02 SCREEDING LEVELS

03 BUILDER'S SQUARES

04 OPTICAL AND LASER DEVICES

05 MEASURES AND TAPES

06 MEASURING DEVICES

07 JOINING TOOLS

08 CONSTRUCTION TOOLS

09 GARDEN TOOLS

10 HAMMERS AND AXES

11 CUTTING TOOLS

12 ACCESSORIES FOR POWER TOOLS

13 WORKSHOP TOOLS

14 H&S

15 LIGHTING

16 TECHNICAL CHEMICAL PREPARATIONS

17 EXHIBITION SYSTEMS

# SPIRIT LEVELS 01

**PRO**

**ERS+**  
EASY READING SYSTEM PLUS  
LATWY ODCZYT PLUS

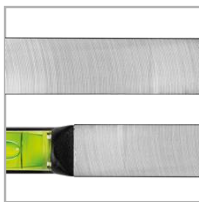
series  
**8000**  
ENDURANCE



STANDING  
**GRIP**

# SPIRIT LEVELS

## SERIES **PRO** **1000** ENDURANCE



### DOUBLE-SIDED MILLED SURFACE

Perfectly even, precision milled surfaces for limited slippage and excellent contact with the ground.



### HANDLE

Makes it easier to hold the spirit level while taking measurements. The ergonomic shape fits any hand and works with gloves.



### THREE-CHAMBER PROFILE

The profile with intact central chamber guarantees high resistance to mechanical damage. The ribs increase the rigidity of the profile.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.

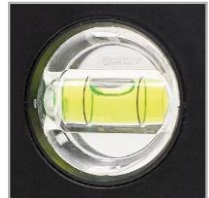


### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



 PROFILE WEIGHT: **1.1kg/m**

 PROFILE HEIGHT: **9.1cm**

## SPIRIT LEVELS

# Uncompromising durability

Highest resistance to bending and torsion.

### PROFILE

Durable, three compartment design with an intact center compartment.

Thickened walls guarantee resistance to bending and twisting. Eyelet cutouts and handles do not weaken the chamber design. The vial mounts have been designed so that the profile cut-out is as small as possible (smooth and round). More rigid structure of the tool is achieved by using a more robust embossing.

### STRONG GRIP

Massive side ribs ensure a firm grip in the hand (STRONG GRIP). The handles make it easy to hold the level while working.

### ERS+ SYSTEM

The vial was specially designed by PRO. Even larger vial chamber and higher magnification lens - ERS+ (easy reading system plus).

PRO logo embossed in acrylic vial body. The accuracy of the vial is  $0.5\text{mm/m} = 0.029^\circ$ . All PRO1000 ENDURANCE Series spirit levels have two vertical vials, making it possible to determine the verticality regardless of how you hold the level.

### ANTI SHOCK CAP

Made of high energy-absorbing elastomer, the caps are designed to absorb the force of impact in the event of a vertical drop of the spirit level.

### MILLED ON BOTH SIDES

The perfectly even, precisely milled surface on both sides ensures limited slippage and excellent contact with the ground.

### RELIABILITY GUARANTEE

PRO provides customers with a 10-year warranty on the vials. All measuring tool profiles are tested for: vertical and horizontal bending, compression and torsion

### PRO1000 ENDURANCE SERIES SPIRIT LEVEL

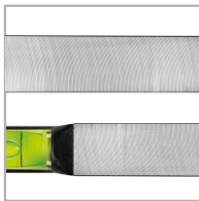
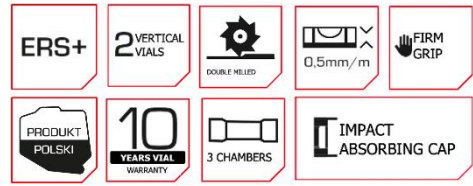
CODE	CAT NO.	LENGTH
3-01-01-B6-100	PRO-B6100	100cm
3-01-01-B6-120	PRO-B6120	120cm
3-01-01-B6-150	PRO-B6150	150cm
3-01-01-B6-180	PRO-B6180	180cm
3-01-01-B6-200	PRO-B6200	200cm
3-01-01-B6-250	PRO-B6250	250cm*

\* the product is not milled



# SPIRIT LEVELS

## SERIES PRO 900 HEAVY DUTY



### DOUBLE-SIDED MILLED SURFACE IN BLACK\* VERSION

The perfectly even, precision milled surfaces for limited slip and excellent ground contact.



### HANDLE

Makes it easier to hold the spirit level while taking measurements. The ergonomic shape fits any hand and works with gloves.

### THREE-CHAMBER PROFILE

The profile with intact central chamber guarantees high resistance to mechanical damage. The ribs increase the rigidity of the profile.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.

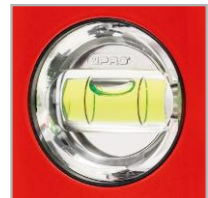


### ANTI SHOCK CAP

The cap is made of an elastomer with high energy absorption and impact force in case of a vertical fall (ANTI SHOCK CAP). Thanks to special stoppers it facilitates immobilization of the level, further creating distance from the work surface.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy reading regardless of the viewing angle.



 PROFILE WEIGHT: **0.91kg/m**  PROFILE HEIGHT: **6.12cm**



# SPIRIT LEVELS

## A model spirit level

Designed with users.

A perfect combination of durability and convenience. Unbreakable.

### PROFILE

The three-chambered profile widened by 25% increases stability and minimizes the possibility of the level tipping over. Thickened walls guarantee resistance to bending and twisting. Cutouts for riser vials and handles do not weaken the chamber design. Vial mounts designed in a way that the profile cutout is as small as possible. The exceptionally strong yet flexible combination of vials with the aluminum body increases the resistance to loss of accuracy caused by shocks and drops of the tool.

### STRONG GRIP

Specially embossed solid side edges provide secure grip along the entire length of the profile, additionally increasing its rigidity (STRONG GRIP). The handles make it easy to hold the level while working. The ergonomic shape fits any hand and works with gloves.

### ERS+ SYSTEM

Even larger vials with a magnifying glass effect, multiplying the bubble size. Quick and easy reading regardless of the viewing angle - ERS+ (Easy Reading System Plus). Indicators made of high quality industrial grade acrylic glass for maximum clarity and illumination, while protecting it from shattering, scratching or fading. Absence of the double bubble effect in the vial. PRO logo embossed in the vial body. All PRO900 ENDURANCE Series spirit levels are equipped with two vertical vials, which makes it possible to determine the verticality regardless of how the spirit level is held.

### ANTI SHOCK CAP

Made of high energy absorbing elastomer, the cap is designed to absorb the force of impact in the event of a vertical drop of the spirit level.

### MILLED ON BOTH SIDES

In the black version, a perfectly even, precisely milled surface on both sides ensures limited slippage and excellent contact with the ground. The red version is not milled.

### RELIABILITY GUARANTEE

PRO provides customers with a 10-year warranty on the vials. All measuring tool profiles are tested for: vertical and horizontal bending, compression and torsion.

### PRO900 SERIES HEAVY DUTY SPIRIT LEVEL RED

CODE	CAT NO.	LENGTH
3-01-01-D4-080	PRO-D4080	80cm
3-01-01-D4-100	PRO-D4100	100cm
3-01-01-D4-120	PRO-D4120	120cm
3-01-01-D4-150	PRO-D4150	150cm
3-01-01-D4-180	PRO-D4180	180cm
3-01-01-D4-200	PRO-D4200	200cm

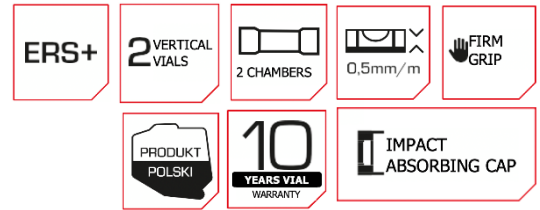
### PRO900 SERIES HEAVY DUTY SPIRIT LEVEL BLACK

CODE	CAT NO.	LENGTH
3-01-01-D5-080	PRO-D5080	80cm
3-01-01-D5-100	PRO-D5100	100cm
3-01-01-D5-120	PRO-D5120	120cm
3-01-01-D5-150	PRO-D5150	150cm
3-01-01-D5-180	PRO-D5180	180cm
3-01-01-D5-200	PRO-D5200	200cm



# SPIRIT LEVELS

## SERIES **PRO 800** ENDURANCE



### DOUBLE-CHAMBER PROFILE

The shape offers optimum ratio of strength to the weight. Thickened walls significantly increase resistance to bending and twisting.



### HANDLE

Makes it easier to hold the spirit level while taking measurements. The ergonomic shape fits any hand and works with gloves.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.



### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



PROFILE WEIGHT:

**0.8kg/m**



PROFILE HEIGHT:

**6cm**

# SPIRIT LEVELS

## Combining the best features

A reinforced classic tool with enhanced ergonomics.

### PROFILE

The shape offers an optimal strength-to-weight ratio. The PRO800 ENDURANCE Series features a dual chamber profile. The thickened walls significantly increase the resistance to bending and twisting.

### STRONG GRIP

Stiffening ribs - additional protection against mechanical damage, secure grip in your hand (STRONG GRIP). Handles that make it easy to hold the spirit level while working.

### EASY READING SYSTEM +

The vial was specially designed by PRO. Vial chamber and lens with higher magnification. Magnifying glass effect, multiplying the size of the bubble. Quick and easy reading regardless of the viewing angle - ERS+ (Easy Reading System Plus). PRO logo embossed in acrylic vial. The vial mounts are designed for the smallest possible profile cutout. All PRO800 ENDURANCE Series levels are equipped with two vertical vials, allowing you to determine the vertical regardless of how you hold the level.

### ANTI SHOCK CAP

Made of high energy absorbing elastomer, the cap is designed to absorb the force of impact in the event of a vertical drop of the spirit level.

### RELIABILITY GUARANTEE

PRO provides customers with a 10-year warranty on the vials. All measuring tool profiles are tested for: vertical and horizontal bending, compression and torsion.

#### PRO800 ENDURANCE SERIES SPIRIT LEVEL PAINTED

CODE	CAT NO.	LENGTH
3-01-01-BE-060	PRO-BE060	60cm*
3-01-01-BE-080	PRO-BE080	80cm
3-01-01-BE-100	PRO-BE100	100cm
3-01-01-BE-120	PRO-BE120	120cm
3-01-01-BE-150	PRO-BE150	150cm
3-01-01-BE-180	PRO-BE180	180cm
3-01-01-BE-200	PRO-BE200	200cm
3-01-01-BE-250	PRO-BE250	250cm

\* product does not have handles

#### PRO800 ENDURANCE SERIES LEVEL ANODIZED

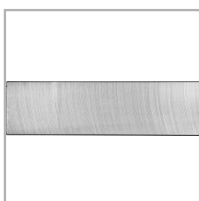
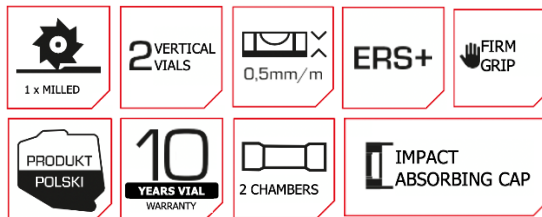
CODE	CAT NO.	LENGTH
3-01-01-B2-060	PRO-B2060	60cm*
3-01-01-B2-080	PRO-B2080	80cm
3-01-01-B2-100	PRO-B2100	100cm
3-01-01-B2-120	PRO-B2120	120cm
3-01-01-B2-150	PRO-B2150	150cm
3-01-01-B2-180	PRO-B2180	180cm
3-01-01-B2-200	PRO-B2200	200cm
3-01-01-B2-250	PRO-B2250	250cm

\* product does not have handles



# SPIRIT LEVELS

## SERIES **PRO 800** ENDURANCE «PLUS»



### MILLED SURFACE

Perfectly even, precision milled surface for limited slippage and excellent ground contact.



### HANDLE

Makes it easier to hold the spirit level while taking measurements. The ergonomic shape fits any hand and works with gloves.

### DOUBLE-CHAMBER PROFILE

The shape offers optimum ratio of strength to the weight. Thickened walls significantly increase resistance to bending and twisting.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



CODE	CAT. NO.	LENGTH	CODE	CAT. NO.	LENGTH
3-01-01-BG-040	PRO-BG040	40cm*	3-01-01-BG-120	PRO-BG120	120cm
3-01-01-BG-050	PRO-BG050	50cm*	3-01-01-BG-150	PRO-BG150	150cm
3-01-01-BG-060	PRO-BG060	60cm*	3-01-01-BG-180	PRO-BG180	180cm
3-01-01-BG-080	PRO-BG080	80cm**	3-01-01-BG-200	PRO-BG200	200cm
3-01-01-BG-100	PRO-BG100	100cm	3-01-01-BG-250	PRO-BG250	250cm***

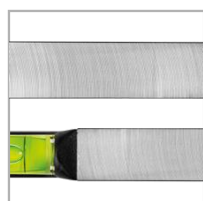
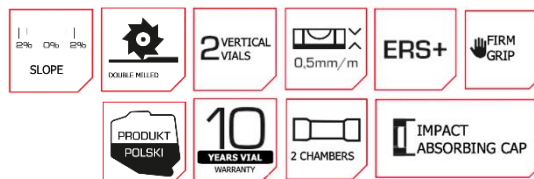
### BENEFITS:

It has all the features of the PRO800 ENDURANCE Series. Additionally, it has a perfectly even, precisely milled surface for limited slip and excellent contact with the ground.

\* the product has no handles  
\*\* the product has one handle  
\*\*\* the product is not milled

# SPIRIT LEVELS

## SERIES **PRO 800** ENDURANCE 2PLUS2



### DOUBLE-SIDED MILLED SURFACE

Perfectly even, precision milled surfaces for limited slippage and excellent contact with the ground.



### HANDLE

Makes it easier to hold the spirit level while taking measurements. The ergonomic shape fits any hand and works with gloves.



### DETERMINING DROPS

Additional rings to determine 2% drops.



### DOUBLE-CHAMBER PROFILE

The shape offers optimum ratio of strength to the weight. Thickened walls significantly increase resistance to bending and twisting.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



CODE	CAT. NO.	LENGTH	CODE	CAT. NO.	LENGTH
3-01-01-BJ-060	PRO-BJ060	60cm*	3-01-01-BJ-180	PRO-BJ180	180cm
3-01-01-BJ-080	PRO-BJ080	80cm**	3-01-01-BJ-200	PRO-BJ200	200cm
3-01-01-BJ-100	PRO-BJ100	100cm	3-01-01-BJ-250	PRO-BJ250	250cm
3-01-01-BJ-120	PRO-BJ120	120cm			
3-01-01-BJ-150	PRO-BJ150	150cm			

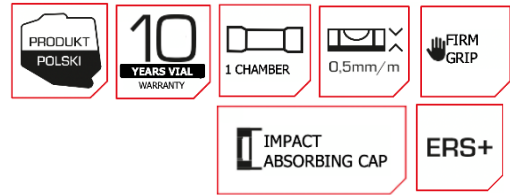
\* the product has no handles  
\*\* the product has one handle

### BENEFITS:

It has all the features of the PRO800 ENDURANCE Series. In addition, it has a perfectly even, two-sided milled surface for limited slip and excellent contact with the ground, as well as additional rings allowing to determine a 2% slope.

# SPIRIT LEVELS

## SERIES **PRO** **600** ENDURANCE

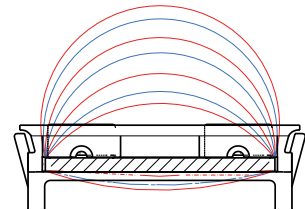


### MAGNETS (OPTIONAL)

Neodymium magnets have 5 times the attractive force of the ferrite magnets. Unilateral magnetic field amplification due to PRO's specially designed magnet and magnetic shield system.

MAGNET

MAGNETIC SCREEN



**NEW MAGNETS  
250% STRONGER**



### ERGONOMIC PROFILE

The profile with intact central chamber guarantees high resistance to mechanical damage. The ribs increase the rigidity of the profile.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



 **PROFILE WEIGHT: 0.6kg/m**     **PROFILE HEIGHT: 4.9cm**

# SPIRIT LEVELS

## A red classic tool

The most popular spirit level in Poland.  
A model of precision at its lightest.

### PROFILE

A series of professional spirit levels built on a rectangular profile, the shape of which offers an optimal ratio of strength to weight. Vial mounts designed to minimize the profile notch.

### STRONG GRIP

Massive side ribbing provides a secure grip in the hand.

### ERS+ SYSTEM

Vial specially designed by PRO. Even larger vial chamber and higher magnification lens - ERS+ (easy reading system plus). PRO logo embossed in acrylic vial body.

### ANTI SHOCK CAP

Elastomer cap, designed to absorb the force of impact if the level falls vertically.

### RELIABILITY GUARANTEE

PRO provides customers with a 10-year warranty on the vials. All measuring tool profiles are tested for: vertical and horizontal bending, compression and torsion.

### PRO600 ENDURANCE PAINTED

CODE	CAT NO.	LENGTH
3-01-01-A1-030	PRO-A1030	30cm
3-01-01-A1-040	PRO-A1040	40cm
3-01-01-A1-050	PRO-A1050	50cm
3-01-01-A1-060	PRO-A1060	60cm
3-01-01-A1-080	PRO-A1080	80cm
3-01-01-A1-100	PRO-A1100	100cm
3-01-01-A1-120	PRO-A1120	120cm
3-01-01-A1-150	PRO-A1150	150cm
3-01-01-A1-180	PRO-A1180	180cm
3-01-01-A1-200	PRO-A1200	200cm

### PRO600 ENDURANCE ANODIZED

CODE	CAT NO.	LENGTH
3-01-01-A4-030	PRO-A4030	30cm
3-01-01-A4-040	PRO-A4040	40cm
3-01-01-A4-050	PRO-A4050	50cm
3-01-01-A4-060	PRO-A4060	60cm
3-01-01-A4-080	PRO-A4080	80cm
3-01-01-A4-100	PRO-A4100	100cm
3-01-01-A4-120	PRO-A4120	120cm
3-01-01-A4-150	PRO-A4150	150cm
3-01-01-A4-180	PRO-A4180	180cm
3-01-01-A4-200	PRO-A4200	200cm
3-01-01-A4-250	PRO-A4250	250cm

### PRO600 ENDURANCE PAINTED WITH MAGNETS

CODE	CAT NO.	LENGTH
3-01-01-A3-030	PRO-A3030	30cm
3-01-01-A3-040	PRO-A3040	40cm
3-01-01-A3-060	PRO-A3060	60cm
3-01-01-A3-080	PRO-A3080	80cm
3-01-01-A3-100	PRO-A3100	100cm
3-01-01-A3-120	PRO-A3120	120cm
3-01-01-A3-150	PRO-A3150	150cm
3-01-01-A3-200	PRO-A3200	200cm

### PRO600 ENDURANCE ANODIZED WITH MAGNETS

CODE	CAT NO.	LENGTH
3-01-01-A6-030	PRO-A6030	30cm
3-01-01-A6-040	PRO-A6040	40cm
3-01-01-A6-060	PRO-A6060	60cm
3-01-01-A6-080	PRO-A6080	80cm
3-01-01-A6-100	PRO-A6100	100cm
3-01-01-A6-120	PRO-A6120	120cm
3-01-01-A6-150	PRO-A6150	150cm
3-01-01-A6-200	PRO-A6200	200cm
3-01-01-A6-250	PRO-A6250	250cm

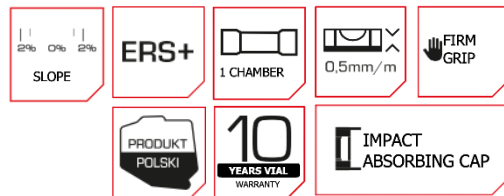
### PRO600 ENDURANCE PAINTED WITH 45° INDICATORS

CODE	CAT NO.	LENGTH
3-01-01-A2-080	PRO-A2080	80cm
3-01-01-A2-120	PRO-A2120	120cm



# SPIRIT LEVELS

## SERIES PRO 600 ENDURANCE «PLUS»



### DETERMINING SLOPES

Additional rings to determine 2% slopes.



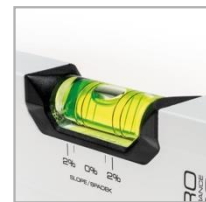
### ERGONOMIC PROFILE

The shape offers optimum ratio of strength to the weight. The thickened walls significantly increase the resistance to bending and twisting.



### EASY READING ERS+ SYSTEM

High-quality acrylic glass vials - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



### ANTI SHOCK CAP

A cap made of elastomer with high energy and impact force absorption in the event of a vertical drop.

### NEW VERTICAL VIAL ERS+

Magnifying glass effect, multiplying the size of the bubble. Quick and easy to read regardless of the viewing angle.



CODE	CAT. NO.	LENGTH	CODE	CAT. NO.	LENGTH
3-01-01-AB-030	PRO-AB030	30cm	3-01-01-AB-100	PRO-AB100	100cm
3-01-01-AB-040	PRO-AB040	40cm	3-01-01-AB-120	PRO-AB120	120cm
3-01-01-AB-050	PRO-AB050	50cm	3-01-01-AB-150	PRO-AB150	150cm
3-01-01-AB-060	PRO-AB060	60cm	3-01-01-AB-180	PRO-AB180	180cm
3-01-01-AB-080	PRO-AB080	80cm	3-01-01-AB-200	PRO-AB200	200cm

### BENEFITS:

It has all the features of the PRO600 ENDURANCE Series. In addition, it can determine a 2% drop to assist in installation, construction and roadway work.



# SPIRIT LEVELS

## POCKET SPIRIT LEVELS

**POCKET SPIRIT LEVEL 17 CM WITH LEVEL AND VERTICALITY INDICATORS - ANODIZED**



CODE	CAT NO.
3-01-01-A6-017	PRO-A6017

PRODUKT POLSKI	10 YEARS VIAL WARRANTY	17 cm	0,5mm/m	FIRM GRIP
U		ERS+	seria PRO 600 ENDURANCE	

- Handy 17cm anodized spirit level.
- Level vial (built in place of one of the vials).
- Neodymium magnet to facilitate work on steel structures.

## POCKET SPIRIT LEVEL PRO600 PLUS



CODE	CAT NO.
3-01-01-AB-017	PRO-AB017

PRODUKT POLSKI	10 YEARS VIAL WARRANTY	17 cm	0,5mm/m	FIRM GRIP
SLOPE		ERS+	seria PRO 600 ENDURANCE	

- Handy 17cm spirit level.
- It has a horizontal and a vertical vial.
- It can determine 2% dropps

## POCKET SPIRIT LEVEL PRO600



CODE	CAT NO.
3-01-07-A1-017	PRO-A1017

PRODUKT POLSKI	10 YEARS VIAL WARRANTY	17 cm	0,5mm/m	FIRM GRIP
ERS+		seria PRO 600 ENDURANCE		

- Handy 17cm spirit level.
- It has a horizontal and a vertical vial.

## MINI SPIRIT LEVEL



CODE	CAT NO.
3-01-01-A1-012	PRO-A1012

PRODUKT POLSKI	10 LAT WZROKOWA GWARANCJA NA WIECELE	12 cm	0,5mm/m	seria PRO 600 ENDURANCE
----------------	--------------------------------------	-------	---------	-------------------------

- length 12 cm
- convenient and ergonomic mini spirit level PRO600 series
- 10-year warranty on vials
- vial chamber and lens with increased magnification - ERS+ system (easy reading system)
- the accuracy of the vial is 0.5 mm/m
- Polish product

# SPIRIT LEVELS

## SPIRIT LEVEL

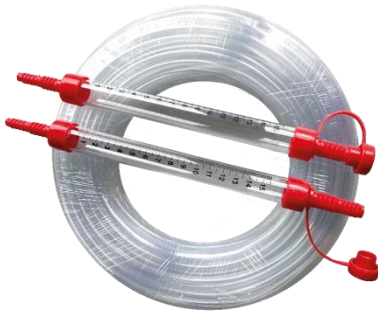
WITH 2 HORIZONTAL AND 1 VERTICAL



- A spirit level for level determination in two axes.
- Arms with horizontal and vertical vials, joined at right angles, also allow 90° measurements.
- Product protected as an industrial design - Rp 15923.

CODE	CAT NO.	DIMENSIONS
3-01-01-A4-33	PRO-A4334	30x40cm

## WATER LEVEL



15m

25m

GRADUATION  
mm

PVC  
+  
PC

- Allows perfect leveling of distant points.
- Clear graduations for easy leveling.

CODE	CAT NO.	LENGTH
3-01-05-E1-752	PRO-PS752	15m
3-01-05-E1-754	PRO-PS754	25m

## CASES FOR SPIRIT LEVELS

120cm

200cm



- A case made of 600D polyester
- Rubber lining
- Available in two lengths 200 and 120 cm

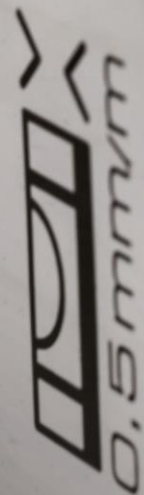
CODE	CAT NO.	LENGTH
3-01-13-OR-302	PRO-OR302	120cm
3-01-13-OR-301	PRO-OR301	200cm

# SCREEDING LEVELS 02

**PRO**<sup>®</sup>

**ERS+**

EASY READING SYSTEM PLUS  
ŁATWY ODCZYT PLUS

  
0.5mm/m

**10** LAT  
GWARANCJA  
na wskazniki

# SCREEDING LEVELS

## MEASURING SCREEDING LEVELS



- Rectangular profile screeding level.
- Combines the function of a screeding level and a spirit level.
- Useful for leveling and smoothing large surfaces.
- Equipped with one or two measuring vials: horizontal and vertical, and optional holds.

### MEASURING SCREEDING LEVEL WITH LEVEL AND VERTICALITY INDICATORS AND HANDLES



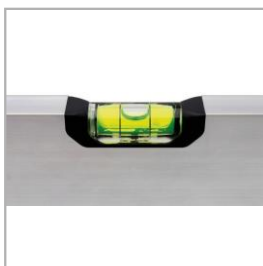
### MEASURING SCREEDING LEVEL WITH LEVEL AND VERTICALITY INDICATORS



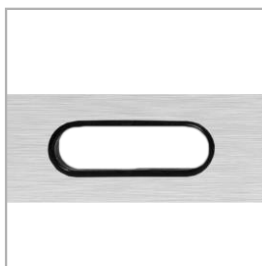
### MEASURING SCREEDING LEVEL WITH LEVEL INDICATOR



Cross-section of the measuring screeding and traversing level. Profile thickness 1.4 mm, profile weight 0.84 kg/m.



Vial specially designed for measuring screeding levels made of high quality acrylic glass  
- larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



Plastic handles make it easy to hold the screeding level, especially when leveling large areas.

DIMENSIONS [CM]	100	120	150	200	250	300	400
measuring screeding level with level and verticality vials and handles	3-01-02-21-100 PRO-21100	-	3-01-02-21-150 PRO-21150	3-01-02-21-200 PRO-21200	3-01-02-21-250 PRO-21250	01-02-21-300 PRO-21300	3-01-02-21-401 PRO-21401
measuring screeding level with level and verticality vials	3-01-02-20-100 PRO-20100	3-01-02-20-120 PRO-20120	3-01-02-20-150 PRO-20150	3-01-02-20-200 PRO-20200	3-01-02-20-250 PRO-20250	01-02-20-300 PRO-20300	3-01-02-20-400 PRO-20400
measuring screeding level with level vial	3-01-02-19-100 PRO-19100	-	3-01-02-19-150 PRO-19150	3-01-02-19-200 PRO-19200	3-01-02-19-250 PRO-19250	01-02-19-300 PRO-19300	3-01-02-19-400 PRO-19400

# SCREEDING LEVELS

## REINFORCED SCREEDING LEVEL 9CM



02

- Rectangular strengthened profile screeding level.
- Combines the function of a screeding level and a spirit level.
- Three times more durable.
- Useful for leveling and smoothing large areas and for making screeds.
- Equipped with one or two vials: horizontal and vertical, and optional plastic holds for easy handling of the level, especially when leveling large areas.

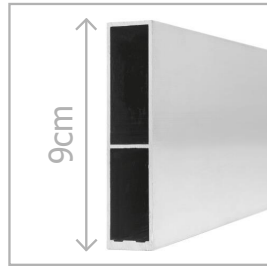
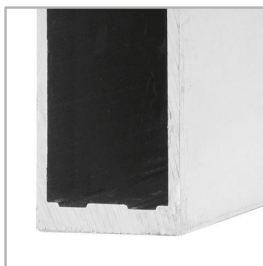
### SCREEDING LEVEL WITH LEVEL AND VERTICALITY INDICATORS AND HANDLES



### SCREEDING LEVEL WITH LEVEL AND VERTICALITY INDICATORS



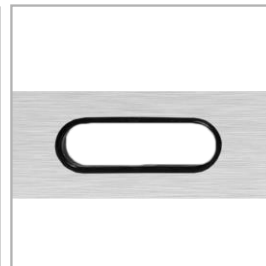
### SCREEDING LEVEL WITH LEVEL INDICATOR



Profile cross-section of the measuring and traversing level.



High-quality acrylic glass vial - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.



Plastic handles make it easy to hold the screeding level, especially when leveling large areas.

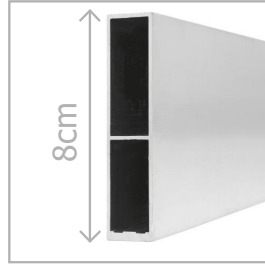
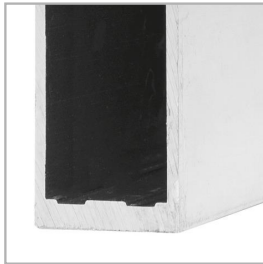
DIMENSIONS [CM]	200	250
screeding level		
with vials and handles	3-01-01-31-200	3-01-02-31-250
for level and verticality	PRO-31200	PRO-31250
screeding level with level and verticality vials	3-01-02-30-200 PRO-30200	3-01-02-30-250 PRO-30250
screeding level with level indicator	3-01-02-29-200 pro-29200	3-01-02-29-250 PRO-29250

# SCREEDING LEVELS

## REINFORCED SCREEDING LEVEL 8CM



- The special profile with a reduced height of 8 cm allows easier work (pulling off less material).
- Closed screeding level with very high stiffness and thickened working wall is perfect for flooring works.



Profile cross-section of the measuring and traversing level.

High-quality acrylic glass vial - larger vial chamber and higher magnification lens. The gentle shape and no sharp edges allow for easy and quick cleaning of any debris.

DIMENSIONS [CM]	200	250
		3-01-02-33-250
		PRO-33250

## TRAVERSING LEVEL



- Rectangular profile screeding level.



Profile cross-section of the traversing level.

DIMENSIONS [CM]	100	150	200	250	300	400
no vials	3-01-02-18-100 PRO-18100	3-01-02-18-150 PRO-18150	3-01-02-18-200 PRO-18200	3-01-02-18-250 PRO-18250	3-01-02-18-300 PRO-18300	3-01-02-18-400 PRO-18400

# SCREEDING LEVELS

## TRAPEZOIDAL SCREEDING LEVEL



02

- Trapezoidal screeding level made of aluminum alloy with increased hardness.
- A recess in the profile for fingers, making it easier to hold the patch.



Cross section of a 94mm × 18mm profile of a trapezoidal screeding lath. Profile thickness 1.5 mm, profile weight 0.84kg/m.

DIMENSIONS [CM]	100	120	150	180	200	240	300	400
no vials	3-01-02-22-100 PRO-22100	3-01-02-22-120 PRO-22120	3-01-02-22-150 PRO-22150	3-01-02-22-180 PRO-22180	3-01-02-22-200 PRO-22200	3-01-02-22-240 PRO-22240	3-01-02-22-300 PRO-22300	3-01-02-22-400 PRO-22400

## SCREEDING LEVEL TYPE "H" WITH AN OPEN PROFILE



- A screeding level made of h-shaped aluminum profile.
- Ergonomic design.



Profile cross-section of the h-shaped screeding level

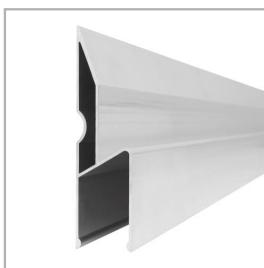
LENGTH [CM]	100	120	150	200	240
h-shaped screeding level	3-01-02-23-100 PRO-23100	3-01-02-23-120 PRO-23120	3-01-02-23-150 PRO-23150	3-01-02-23-200 PRO-23200	3-01-02-23-240 PRO-23240

# SCREEDING LEVELS

## UNIVERSAL SCREEDING LEVEL



Combination of trapezoidal and h-shape level improves both stiffness of the whole level and ergonomics of work, it is perfect for "pulling" both gypsum and cement-lime plaster.



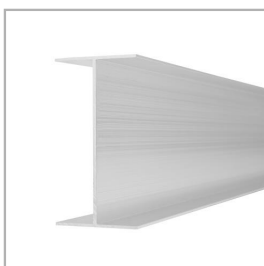
Cross section of the traversing level measuring 115mm x 30mm.

DIMENSIONS [CM]	150	200	240
code	3-01-02-35-150 PRO-35150	3-01-02-35-200 PRO-35200	3-01-02-35-240 PRO-35240

## H-SHAPED LEVEL FOR STRIPPING PLASTER



Highly rigid I-shaped level is ideal for leveling uneven plaster work.



Profile cross-section of the level for stripping the plaster measuring 80mm x 42mm.

DIMENSIONS [CM]	150	200
code	3-01-02-36-150 PRO-36150	3-01-02-36-200 PRO-36200



# BUILDER'S SQUARES 03

**PRO**

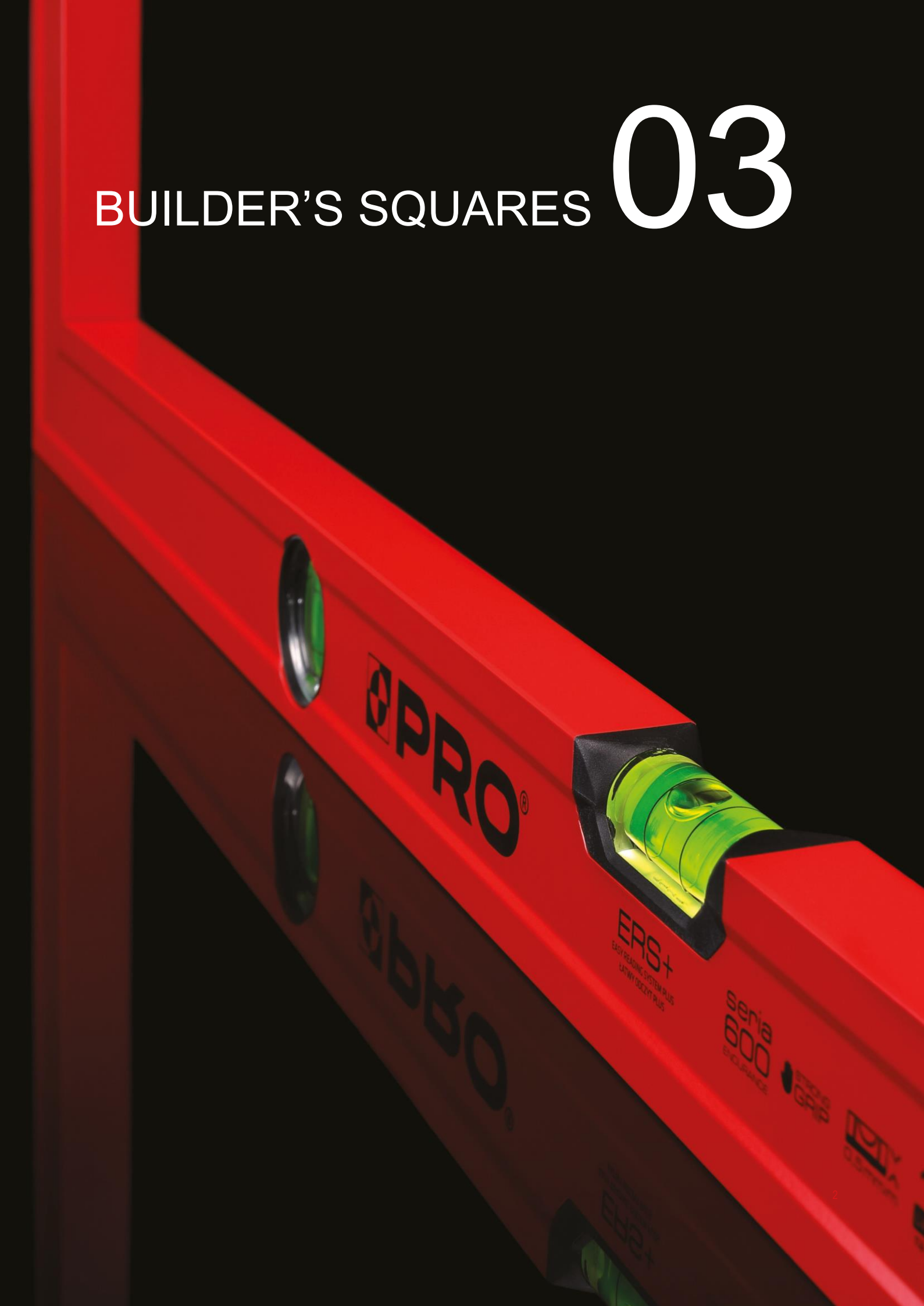
**650**

**ERS+**  
EASY READING SYSTEM PLUS  
LATVY DEKLT PLUS

seria  
**600**  
EXCLUSIVE

**STRONG GRIP**

**LEVEL**  
U.S. PATENT



# BUILDER'S SQUARES

## BUILDER'S SQUARE WITHOUT INDICATORS

- Builder's squares manufactured on the basis of the PRO600 series spirit level profile.
- Composite material reinforcement provides a durable profile connection.
- High rigidity and mechanical strength protect against the so-called 90° sharpening effect.



### BUILDER'S SQUARE WITHOUT INDICATORS



### BUILDER'S SQUARE WITHOUT INDICATORS WITH FOOT



#### Painted builder's squares

DIMENSIONS [CM]	30 × 40	30 × 50	40 × 60	50 × 80	50 × 100	60 × 120	80 × 150
no vials	-	-	3-01-03-K1-064 PRO-K1064	3-01-03-K1-085 PRO-K1085	3-01-03-K1-105 PRO-K1105	3-01-03-K1-126 PRO-K1126	3-01-03-K1-158 PRO-K1158

#### Anodized builder's squares

DIMENSIONS [CM]	30 × 40	30 × 50	40 × 60	50 × 80	50 × 100	60 × 120	80 × 150
no vials	3-01-03-K5-043 PRO-K5043	3-01-03-K5-053 PRO-K5053	3-01-03-K5-064 PRO-K5064	3-01-03-K5-085 PRO-K5085	3-01-03-K5-105 PRO-K5105	3-01-03-K5-126 PRO-K5126	3-01-03-K5-158 PRO-K5158
no vials with foot	-	-	-	-	-	3-01-03-K6-126 PRO-K6126	-

# BUILDER'S SQUARES

## BUILDER'S SQUARES WITH INDICATORS

- Level and verticality vials to combine the functionality of a builder's square with a spirit level.



03

### BUILDER'S SQUARE WITH INDICATORS



### BUILDER'S SQUARE WITH INDICATORS AND FOOT



### Painted builder's squares

DIMENSIONS [CM]	30 × 40	30 × 50	40 × 60	50 × 80	50 × 100	60 × 120	80 × 150
with	3-01-03-K3-043	3-01-03-K3-053	3-01-03-K3-064	3-01-03-K3-085	3-01-03-K3-105	3-01-03-K3-126	3-01-03-K3-158
level and verticality vials	PRO-K3043	PRO-K3053	PRO-K3064	PRO-K3085	PRO-K3105	PRO-K3126	PRO-K3158

### Anodized builder's squares

DIMENSIONS [CM]	30 × 40	30 × 50	40 × 60	50 × 80	50 × 100	60 × 120	80 × 150
with	3-01-03-K7-043	3-01-03-K7-053	3-01-03-K7-064	3-01-03-K7-085	3-01-03-K7-105	3-01-03-K7-126	3-01-03-K7-158
level and verticality vials	PRO-K7043	PRO-K7053	PRO-K7064	PRO-K7085	PRO-K7105	PRO-K7126	PRO-XXXX
with level and verticality vials and foot	-	-	3-01-03-K8-064 PRO-K8064	3-01-03-K8-085 PRO-K8085	3-01-03-K8-105 PRO-K8105	3-01-03-K8-126 PRO-K8126	-

# BUILDER'S SQUARES

## BUILDER'S SQUARE WITHOUT INDICATORS WITH A BEVELED CORNER



- Anodized builder's squares manufactured based on the PRO600 series spirit level profile.
- Composite plastic reinforcement to ensure durable profile connection.
- High rigidity and mechanical strength to prevent the so-called 90° sharpening effect.
- Anodized coating that does not scratch the surface.
- Beveled corner for easy work in wall corners.

DIMENSIONS [CM]	40 × 60	50 × 80	50 × 100	80 × 150	60 × 120	100 X 100
CODE	3-01-03-KG-064	3-01-03-KG-085	3-01-03-KG-105		3-01-03-KG-126	3-01-03-KG-110
CAT NO.	PRO-KG064	PRO-KG085	PRO-KG105		PRO-KG126	PRO-KG110

## BUILDER'S SQUARE WITHOUT INDICATORS WITH A BEVELED CORNER AND REINFORCEMENT



- Anodized builder's squares manufactured based on the PRO600 series spirit level profile.
- Composite material reinforcement provides a durable profile connection.
- Builder's square designed specifically for jobs that require beating drywall to establish a right angle.
- Transverse reinforcement prevents the right angle sharpening effect of beating.
- High rigidity and mechanical strength protect against the so-called 90° sharpening effect.
- Anodized coating that does not scratch the surface.
- The beveled corner makes it easy to work in wall corners.

DIMENSIONS [CM]	50 × 100	60 × 120	100 × 100
CODE	3-01-03-KH-105	3-01-03-KH-126	3-01-03-KH-110
CAT NO.	PRO-KH105	PRO-KH126	PRO-KH110

# BUILDER'S SQUARES

## BUILDER'S SQUARE WITH REINFORCEMENT



03

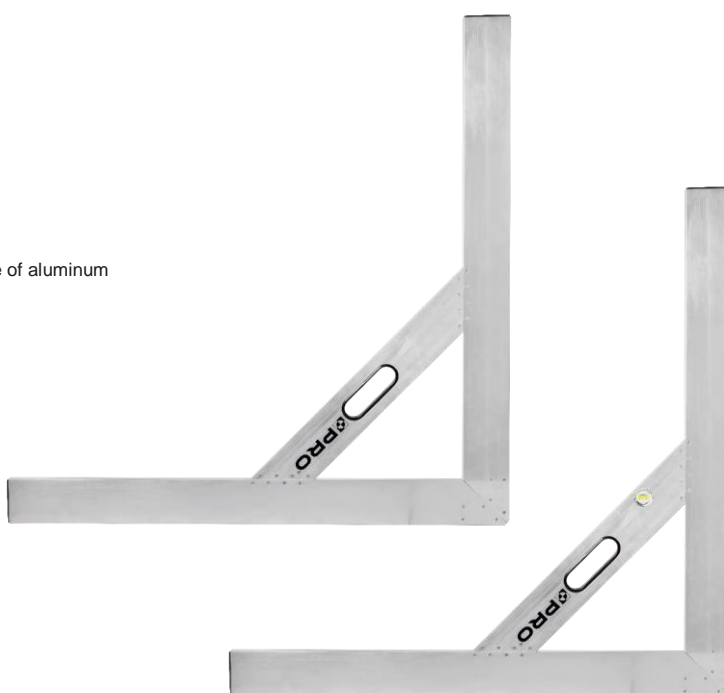
- Builder's square designed specifically for jobs that require beating drywall to establish a right angle.
- Transverse reinforcement prevents the right angle sharpening effect of beating.

DIMENSIONS [CM]	40 x 60	50 x 80	50 x 100	60 x 120	80 x 150	100 X 100
CODE	3-01-03-KA-064	3-01-03-KA-085	3-01-03-KA-105	3-01-03-KA-126	3-01-03-KA-158	3-01-03-KA-110
CAT NO.	PRO-KA064	PRO-KA085	PRO-KA105	PRO-KA126	PRO-KA158	PRO-KA110

## CONSTRUCTION AND ROAD WORKS BUILDER'S SQUARE



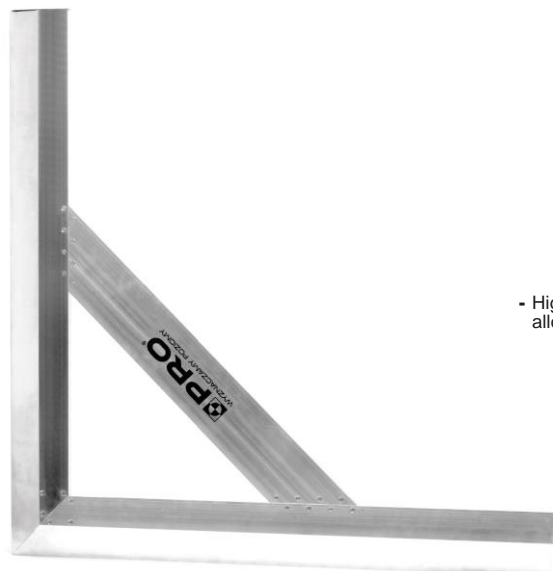
- High performance trapezoidal shaped profile made of aluminum alloy with increased hardness.



DIMENSIONS [CM]	100x100
with handle	3-01-03-KJ-110 PRO-KJ110
with handle and vial	3-01-03-KJ-111 PRO-KJ111

# BUILDER'S SQUARES

## PLASTER BUILDER'S SQUARE WITH REINFORCEMENT



- High performance trapezoidal shaped profile made of aluminum alloy with increased hardness.

DIMENSIONS [CM]	60 x 60	80 x 80	100 X 100
no vials	3-01-03-KT-066 PRO-KT066	3-01-03-KT-088 PTO-KT088	3-01-03-KT-101 PRO-KT101

## PLASTER BUILDER'S SQUARE WITH REINFORCEMENT AND VIAL



- High performance trapezoidal shaped profile made of aluminum alloy with increased hardness.
- Equipped with a level vial.
- Angle bar 3-01-03-KU-188 additionally has a handle.

DIMENSIONS [CM]	80 x 80
grip and vials	3-01-03-KU-188 PRO-KU188
with vials	3-01-03-KT-188 PRO-KT188

# OPTICAL AND LASER DEVICES

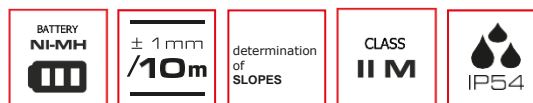
# 04



# OPTICAL AND LASER DEVICES

## ROTATING LASER

LR-500XY, LR-500D

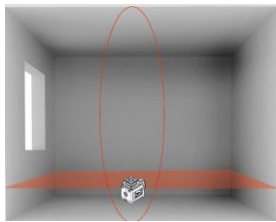


	LR-500XY	LR-500D
Laser source:	semiconductor diode = 635 nm	semiconductor diode = 635 nm
Power:	< 1 mW, class II M	< 1 mW, class II M
Accuracy, horizontal:	± 1.0mm/10m (±0.1mm/1m); ±20"	± 1.0mm/10m (±0.1mm/1m); ±20"
Accuracy, vertical:	±1.0mm/1.5m	±1.0mm/1.5m
Work range:	250m	250m
Rotational speed:	0 - 60 -120 - 300 – 600 rpm	0 - 60 -120 - 300 – 600 rpm
Scanning angle:	0 / 10° / 45° / 90° / 180°	0 / 10° / 45° / 90° / 180°
Self-leveling range:	± 5°	± 5°
Working range:	up to 500 m (diameter)	up to 500 m (diameter)
Remote control (range):	30 m (infrared)	100 m (radio)
Power supply:	Rechargeable NI-MH battery	Rechargeable NI-MH battery
Battery life:	approx. 18 hours	approx. 20 hours
Leakage class:	IP54	IP54
Dimensions:	205mm × 160mm × 190mm	205mm × 160mm × 190mm
Weight (with batteries):	3.0 kg	3.0 kg
Leveling angle:	360°	360°
Operating temperature:	-20°C ÷ 50°C	-20°C ÷ 50°C
Storage temperature:	-15°C ÷ 60°C	-15°C ÷ 60°C

CODE	CAT. NO.	MODEL
3-01-06-L1-098	PRO-L1098	LR-500XY
3-01-06-L1-099	PRO-L1099	LR-500D



# LASER AND OPTICAL DEVICES



**RANGE**  
**500m**  
WITH DETECTOR



03



## LR-500XY

- For outdoor and indoor use.
- IP54 rating for protection against dust and rain.
- Automatic, motor-controlled determination of both level and verticality, with the ability to manually adjust tilt independently in the two X and Y axes.
- Scan function with scan angle setting.
- Tilt alarm function, resulting from a shock or violation of the original position of the instrument, after which the instrument must be restarted manually.
- Using the remote control, you can adjust tilt, rotation speed, scan angle as well as rotate the scanning area in either direction.
- Laser receiver (detector) with two illuminated displays, acoustic signal adjustment, switching of accuracy - fine or coarse.
- Class 2M laser diode, <math><1\text{mW}</math> 635nm.

## LR-500D (ADDITIONAL)

- A digital slope determination function.
- A 100m range radio remote control with display.

## SET:

- Laser LR-500XYLR-500D;
- Case;
- Remote Control;
- Laser receiver (detector) with bracket;
- Laser targeting dial;
- Laser glasses,
- NI-MH rechargeable battery;
- Alkaline battery basket,
- Charger;
- Operating Manual.

# LASER AND OPTICAL DEVICES

## ROTATING LASER



### LR-200VH, LR-200VHG

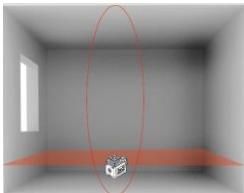


#### LR-200VH

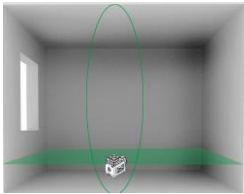
- Rotating laser LR-200VH with visible beam.
- For outdoor and indoor use.
- IP54 rating for protection against dust and rain.
- Automatic motorized horizontal and vertical alignment, with manual tilting.
- Scan function with adjustable scan angle.
- Tilt alarm function, resulting from a shock or violation of the original position of the instrument, after which the instrument must be restarted manually.
- Using the remote control, you can adjust tilt, rotation speed, scan angle as well as rotate the scanning area in either direction.
- Laser receiver (detector) with two illuminated displays, acoustic signal adjustment, switching of accuracy - fine or coarse.
- Class 2M laser diode, < 1 mW 635 nm.

#### LR-200VHG (ADDITIONAL)

- A green beam 4 times brighter than the red laser.



RANGE  
**200 m**  
WITH DETECTOR



RANGE  
**200 m**  
WITH DETECTOR

GREEN  
**4x**  
BRIGHTER



	LR-200VH	LR-200VHG
Laser source:	semiconductor diode = 635 nm	semiconductor diode = 515-520 nm
Power:	< 1 mW, class II M	< 1 mW, class II M
Accuracy, horizontal:	± 1.0 mm/10 m (± 0.1 mm/1m)	± 1.0 mm/10 m (± 0.1 mm/1m)
vertical:	± 1.5 mm/10 m (± 0.15 mm/1m)	± 1.5 mm/10 m (± 0.15 mm/1m)
Work range:	200m	200m
Rotational speed:	0-300-600 rpm	0-300-600 rpm
Scanning angle:	10°/30°/60°	10°/30°/60°
Self-leveling range:	± 5°	± 5°
Working range:	up to 400 m (diameter)	up to 400 m (diameter)
Remote control (range):	30m	30m
Power supply:	Rechargeable NI-MH battery	Rechargeable NI-MH battery
Battery life:	about 24 hours	about 18 hours
Leakage class:	IP54	IP54
Dimensions:	130 mm × 210 mm × 175 mm	130 mm × 210 mm × 175 mm
Weight (with batteries):	2.0 kg	2.0 kg
Leveling angle:	360°	360°
Operating temperature:	-10°C ± 40°C	-10°C ± 40°C
Storage temperature:	-15°C ± 60°C	-15°C ± 60°C

#### SET:

- LR-200VH laser;
- Case;
- Remote Control;
- Laser receiver (detector) with bracket;
- Reflective shield;
- Wall mount;
- NI-MH rechargeable battery;
- Charger;
- Operating Manual.

CODE	CAT NO.	MODEL
3-01-06-L1-065	PRO-L1065	LR-200VH
3-01-06-L1-089	PRO-L1089	LR-200VHG

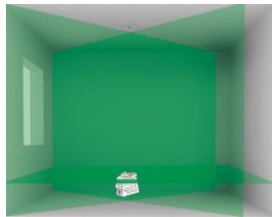
# LASER AND OPTICAL DEVICES

## FLOOR PLANE LASER

### LP-360.3DG TILER



04



<b>RANGE</b> <b>20 m</b>	<b>RANGE</b> <b>50 m</b> WITH DETECTOR
<b>SLANTS</b>	<b>LASER PLUMB</b>

#### SET:

- LP-360.3DG TILER multi-line laser
- 3.7V Li-ion rechargeable battery (replaceable)
- IP67 rated carrying case
- remote control
- laser goggles green
- "hanger" type magnetic holder and a flat steel bar
- 360° metal base with tripod and 5/8" thread
- 5/8" adapter with joint (for bevel)
- scissor type elevator base

Laser source:	Semiconductor diode = 515-520 nm,
Power:	<1mW each beam, class II
Accuracy:	+/- 1.0 mm/5m (+/- 0.2 mm/1m)
Self-leveling range:	+/- 3°
Line Width:	less than 3.5 mm/10m
Self-leveling system:	magnetic pendulum
Working range (radius):	Up to 20 m indoors depending on lighting and a radius of 50 m using a detector
Power supply:	3.7V 2x2,700 mAh Li-ion battery
Working time (all beams on):	Approx. 8 hours (all lines)
Dimensions:	135 mm x 85 mm x 140 mm
Weight (with batteries):	0.74 kg
Horizontal/Vertical line angle:	2 x 360° / 360°
Operating temperature:	-10°C + 45°C
Storage temperature:	-15°C + 60°C

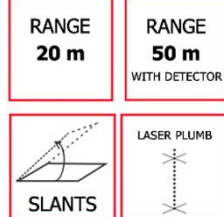
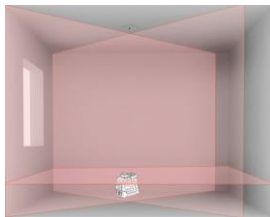
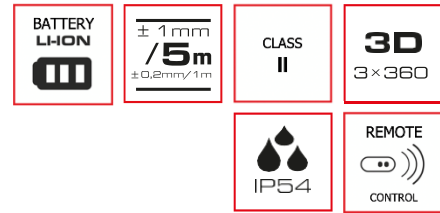
- The LP-360.3D TILER multi-line laser generates three 360° planes, one horizontal plane and two vertical planes intersecting at 90°.
- Pulse mode for working with laser detectors increases the laser's range
- Laser plumb function (cross axis on ceiling and ground).
- Ability to designate slants.
- Self-leveling due to automatic compensator cushioning.
- Resistant to water and dust - IP54 rating.
- Tilt outside the operating range ( $\pm 3^\circ$ ) is indicated by flashing of the laser line and an acoustic signal.
- Equipped with a patented magnetic hanger that allows the laser to be fully moved to the wall (e.g. for laying ceramic tiles).
- Easily mounts on 1/4" and 5/8" tripod or strut pole.

<b>CODE</b>	<b>CAT NO.</b>
3-01-06-L1-079	PRO-L1079

# LASER AND OPTICAL DEVICES

## PLANE LASER

### LK-360.3D



#### SET:

- LK-360.3D laser;
- 3.7V Li-ion rechargeable battery (replaceable);
- IP67 rated carrying case;
- Laser goggles red;
- Operating Manual;
- Remote control.
- "Hanger" type magnetic holder with micro adjustment and a flat steel bar;
- 360° metal base with tripod and 5/8" thread;
- Adapter 5/8" with joint (for slants).

Laser source:	semiconductor diode = 638 nm
Power:	< 1 mW each beam, class II
Accuracy:	± 1 mm/5 m (± 0.2 mm/1m)
Self-leveling range:	± 3°
Line width:	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum
Working range (radius):	up to 20 m indoors depending on lighting and 50 m when using a detector
Power supply:	li-ion battery
Working time (all beams on):	about 8 hours
Dimensions:	150 mm × 80 mm × 140 mm
Weight (with batteries):	0.70 kg
Vertical/horizontal line angle:	2 × 360° / 360°
Operating temperature:	-10°C + 45°C
Storage temperature:	-15°C + 60°C

- The LK-360.3D multi-line laser generates three 360° planes, one horizontal plane and two vertical planes that intersect at 90°.
- Pulse mode for working with laser detectors increases the laser's range
- Laser plumb function (cross axis on ceiling and ground).
- Ability to designate slants.
- Self-leveling due to automatic compensator cushioning.
- Resistant to water and dust - IP54 rating.
- Inclination outside the operating range (±3°) is indicated by flashing of the red laser lines and an acoustic signal.
- Equipped with a patented magnetic holder in the form of a hanger, which allows the laser to be fully moved to the wall (e.g. for laying ceramic tiles)
- Easily mounts on 1/4" and 5/8" tripods or strut poles.

CODE	CAT NO.
3-01-06-L1-071	PRO-L1071

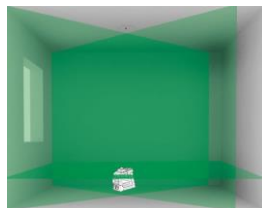
# LASER AND OPTICAL DEVICES

## PLANE LASER

### LK-360.3DG



<b>BATTERY</b> LI-ION 	$\pm 1 \text{ mm}$ <b>/5m</b> $\pm 0.2 \text{ mm}/1 \text{ m}$	<b>CLASS</b> II	<b>3D</b> 3 x 360
		 IP54	<b>REMOTE</b>  CONTROL
<b>NEW 2021!</b>			



<b>RANGE</b> 30 m	<b>RANGE</b> 50 m WITH DETECTOR	<b>GREEN</b> <b>4x</b> BRIGHTER
 SLANTS	 LASER PLUMB	

#### SET:

- LK-360.3DG laser
- 3.7 V Li-ion rechargeable battery
- A charger with a micro USB cable (5V, 2A)
- IP67 rated carrying case
- Laser goggles green
- Operating Manual
- "Hanger" type magnetic holder with micro 5-axes-adjustment; with adjustment of height, 90 mm, 'elevator' type
- 360° tripod base with 3-axes micro-adjustment
- Adapter 5/8" with joint (for slants)

Laser source:	Semiconductor diode = 520 nm
Power:	< 1mW each beam, class II
Accuracy:	+/- 1.0 mm/ 5m (+/- 0.2 mm/1m)
Self-leveling range:	4° +/-1°
Line width:	Less than 3.5 mm/10 m
Self-leveling system:	Magnetic pendulum
Working range (radius):	Up to 30 m indoors depending on lighting and a radius of 50 m with a detector
Power supply:	Rechargeable Li-ion 3.7 V 5,200 mAh
Working time (all beams on):	Approx. 8 hours
Dimensions:	127 mm x 85 mm x 120 mm
Weight (with batteries):	0.70 kg
Horizontal/Vertical line angle:	2 x 360° / 360°
Operating temperature:	-10°C + 50°C
Storage temperature:	-20°C + 70°C

- The LK-360.3DG multi-line laser generates three 360° planes, one horizontal plane and two vertical planes that intersect at 90°.
- Pulsed mode for the laser beam detector to increase the laser range
- Laser plumb function (cross axis on ceiling and ground).
- Marking out slants
- Self-leveling thanks to automatic compensator cushioning.
- Resistant to water and dust - IP54 rating.
- Tilt change outside the operating range (+-3) is indicated by flashing of the laser lines
- Equipped with a patented magnetic holder in the form of a hanger, which allows the laser to be fully moved to the wall (e.g. for laying ceramic tiles)
- Easily mounts on 1/4" and 5/8" tripods or strut poles.

CODE	CAT. NO.	REMOTE CONTROL
3-01-06-L1-083	PRO-L1083	NONE
3-01-06-L1-183	PRO-L1183	INCLUDED

**NEW 2021!**

# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER

### X-LINER 4.1+, X-LINER 4.1G



DESIGN  
AWARD  
2016



± 1 mm  
/ 7 m  
± 0,14 mm / 1 m

4V1H

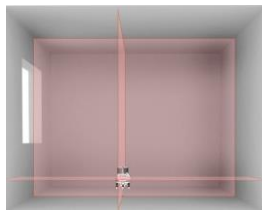
CLASS  
II



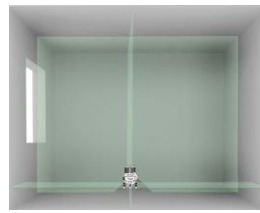
	X-LINER 4.1+	X-LINER 4.1G
Laser source:	semiconductor diode = 635 nm lower point 650 nm	semiconductor diode = 520 nm lower point 650 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	± 1 mm/7m (± 0.14 mm/1m)	± 1 mm/7m (± 0.14 mm/1m)
Self-leveling range:	± 3°	± 3°
Line width:	less than 3.3 mm / 10 m	less than 3.3 mm / 10 m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Working range:	up to 20 m indoors depending on lighting and 50 m with a detector	up to 45 m indoors depending on lighting and 55 m with a detector
Power supply:	lithium-ion battery 3.7V	lithium-ion battery 3.7V
Working time (all beams on):	approx. 10.5 hours	approx. 3 hours (12 hours one beam)
Dimensions:	Ø 93 mm × 190 mm	Ø 93 mm × 190 mm
Weight (with batteries):	1.1 kg	1.1 kg
Horizontal/Vertical line angle:	120° / 2 × 360°	120° / 2 × 360°
Operating temperature:	-15°C + 45°C	-15°C + 45°C
Storage temperature:	-20°C + 60°C	-20°C + 60°C

CODE	CAT. NO.	MODEL
3-01-06-L1-052	PRO-L1052	4.1+
3-01-06-L1-054	PRO-L1054	4.1G

# LASER AND OPTICAL DEVICES



RANGE <b>20 m</b>	RANGE <b>50 m</b> WITH DETECTOR
SLANTS	LASER PLUMB



RANGE <b>40 m</b>	RANGE <b>55 m</b> WITH DETECTOR	GREEN <b>4x</b> BRIGHTER
SLANTS	LASER PLUMB	

04



## X-LINER 4.1

- The X-LINER 4.1 cross-line laser for horizontal and vertical leveling, and determining a common level for objects far apart.
- Generates one, two or four vertical beams, one horizontal beam and a point on the ground.
- The vertical lines form two planes that intersect at 90°.
- Self-leveling thanks to automatic compensator cushioning.
- Ribbed top bowl made from non-slip plastic (TPR) - increased durability, secure grip and precise positioning.
- Smaller viewfinders with internally mounted head cover glass for better protection of the laser lens against damage.
- Modular enclosure with increased resistance to damage.
- Compact size achieved by integrating the battery and charging the system inside the case.
- 0-360° swivel design with manual operation and fine adjustment knob.
- The unit automatically signals when it exceeds the self-leveling range of  $\pm 3$  degrees.
- Useful detector function (pulse mode "OUTDOOR").

- The working range of the device is up to 30 m, with an accuracy of  $\pm 1\text{mm}/7\text{m}$ .
- Easily mounted on a tripods or poles with a 5/8" thread.

## X-LINER 4.1+ (ADDITIONAL)

- Twice the beam strength.
- Ability to designate slants.

## X-LINER 4.1G (ADDITIONAL)

- A green beam 4 times brighter than a red laser.
- Ability to designate slants.

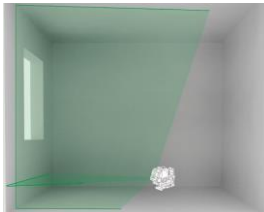
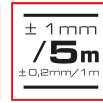
### SET:

- Cross laser X-LINER 4.1 / 4.1+ 4.1 G;
- Functional suitcase with belt clip;
- Shoulder strap;
- Goggles;
- Target plate;
- Charger;
- Li-ion rechargeable battery (built-in);
- Operating Manual.

# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER

**LK-180 G**



<b>RANGE</b> <b>30 m</b>	<b>RANGE</b> <b>50 m</b> WITH DETECTOR
LASER PLUMB 	GREEN <b>4x</b> BRIGHTER

### SET:

- LK-180G cross line laser;
- Case with protective padding;
- Universal magnetic chuck with movable head and 1/4" thread;
- Target plate
- 3 AA batteries;
- Operating Manual.

Laser source:	semiconductor diode = 515-520 nm
Power:	< 1 mW each beam, class II
Accuracy:	± 1 mm/5 m (± 0.2 mm/1m)
Self-leveling range:	4° ±1°
Line width:	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum
Working range:	up to 15 m indoors depending on lighting and 40 m while using a detector
Power supply:	3 x AA alkaline battery
Working time (all beams on):	approx. 4 hours
Dimensions:	90 mm × 70 mm × 90 mm
Weight (with batteries):	400 g
Horizontal/Vertical line angle:	180°/180°
Operating temperature:	-5°C + 40°C
Storage temperature:	-20°C + 70°C

- The LK-180G cross-line laser generates one vertical beam and one horizontal beam, both with an extended working range of 180°.
- Allows to determine the level and plumb line on opposite walls.
- Green laser diodes generate high-contrast, highly visible lines, up to 5 times brighter than in a red laser of the same power.
- Laser beam detector mode to increase the laser range.
- The laser lines intersect at a 90° angle.
- Possibility to determine slants in manual mode.
- Self-leveling thanks to automatic compensator cushioning.
- The laser switches to warning mode, indicated by flashing lines, when out of self-leveling range.
- The body is covered with non-slip and anti-impact rubber.
- It has 1/4" threads (laser) and 5/8" (magnetic base).
- Resistant to water and dust - IP54 rating.
- Features a magnetic base with a wall-mounted clip and 1/4" and 5/8" brass threads.
- Easily mounted on tripods and poles with a 1/4" or 5/8" threads

CODE	CAT NO.
3-01-06-L1-086	PRO-L1086



# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER

LK-2V360H, LK-2V360HG

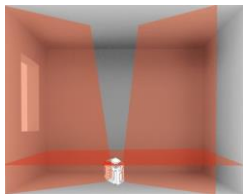


### LK-2V360H (RED)

- The LK-2V360H cross-line laser generates one 360° horizontal beam and two 90° intersecting vertical beams.
- Laser beam detector mode increases working range
- Ability to designate slants.
- Mechanical pendulum locking mechanism to determine oblique lines.
- Self-leveling thanks to automatic compensator cushioning.
- Resistant to water and dust - IP-54 rating.
- Tilt of the device.
- Equipped with a universal magnetic holder with movable head.
- Easily mounted on 1/4" tripods

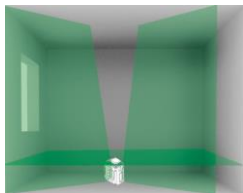
### LK-2V360HG (GREEN)

- It has a green beam 4 times brighter than a red laser.



RANGE  
**20 m**

RANGE  
**50 m**  
WITH DETECTOR



RANGE  
**30 m**

RANGE  
**50 m**  
WITH DETECTOR



	LK-2V360H	LK-2V360HG
Laser source:	semiconductor diode = 635 nm	semiconductor diode = 515 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	± 1.5 mm/5m (± 0.3 mm/1m)	± 1.5 mm/5m (± 0.3 mm/1m)
Self-leveling range:	± 3°	± 3°
Line width:	less than 3.5 mm / 10 m	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Working range:	indoors depending on lighting up to 20m 50 m with a detector	indoors depending on lighting up to 30m 50 m with a detector
Power supply:	3 x AA alkaline battery	3 x AA alkaline battery
Working time (all beams on):	approx. 12 hours	approx. 4.5 hours approx. 8 hours (1 line)
Dimensions:	88 mm × 52 mm × 112 mm	88 mm × 52 mm × 112 mm
Weight (with batteries):	0.42 kg	0.42 kg
Horizontal/Vertical line angle:	360° / 2 x 130°	360° / 2 x 130°
Operating temperature:	-5°C + 40°C	-5°C + 40°C
Storage temperature:	-15°C + 60°C	-15°C + 60°C

### SET:

- Cross-line LK-2V360H/ LK-2V360HG;
- Case with protective padding;
- Universal magnetic chuck with movable head and 1/4" thread;
- Target plate;
- 3 AA batteries;
- Operating Manual.

CODE	CAT NO.	MODEL
3-01-06-L1-062	PRO-L1062	LK-2V360H
3-01-06-L1-087	PRO-L1087	LK-2V360HG

# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER LK-1V360H



### LK-1V360H, LK-1V360H G

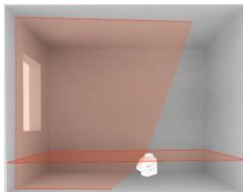


#### LK-1V360H

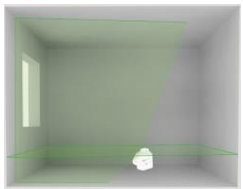
- The LK-1V360H cross-line laser generates one 360° horizontal beam and one 90° intersecting vertical beam.
- Laser beam detector mode increases working range
- Mechanical pendulum locking mechanism to determine oblique lines.
- Self-leveling thanks to automatic compensator cushioning.
- Inclination outside the operating range ( $\pm 3.5^\circ$ ) is indicated by flashing laser lines.
- Easily mounted to 1/4" or 5/8" tripods.

#### LK-1V360H G

- 360° rotary leveling head included.
- It has a green beam 4 times brighter than a red laser.



RANGE <b>20 m</b>	RANGE <b>50 m</b> WITH DETECTOR
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RANGE <b>25 m</b>	RANGE <b>50 m</b> WITH DETECTOR
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	LK-1V360H	LK-1V360H G
Laser source:	semiconductor diode = 630-640 nm,	semiconductor diode = 515-520 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	$\pm 1.5 \text{ mm}/5\text{m}$ ( $\pm 0.3 \text{ mm}/1\text{m}$ )	$\pm 1.5 \text{ mm}/5\text{m}$ ( $\pm 0.3 \text{ mm}/1\text{m}$ )
Self-leveling range:	$\pm 3.5^\circ$	$\pm 3.5^\circ$
Line width:	2mm@5m; 3.5mm@10m	3mm@5m; 4mm@10m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Working range:	up to 20 m indoors depending on lighting and 50 m with a detector	up to 25 m indoors depending on lighting and 50 m with a detector
Power supply:	4 x AA alkaline battery	4 x AA alkaline battery
Working time (all beams on):	more than 10 hours	approx. 4,5 hours
Dimensions:	119 mm x 62 mm x 115 mm	119 mm x 62 mm x 115 mm
Weight (with batteries):	540 g	540 g
Horizontal/Vertical line angle:	130°/360°	130°/360°
Operating temperature:	-10°C + 50°C	-10°C + 50°C
Storage temperature:	-15°C + 60°C	-15°C + 60°C

#### SET:

- Cross-line laser LK-1V360H / LK-1V360H G;
- Case;
- 4 AA batteries;
- Operating Manual.

#### LK-1V360H G (ADDITIONAL)

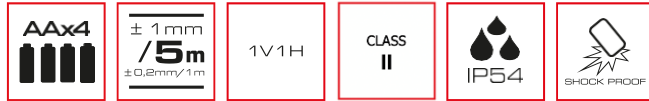
- 360° leveling head

CODE	CAT. NO.	MODEL
3-01-06-L1-073	PRO-L1073	LK-1V360H
3-01-06-L1-063	PRO-L1063	LK-1V360HG

# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER

### SMART 1.1 HD, SMART 1.1 HD PLUS

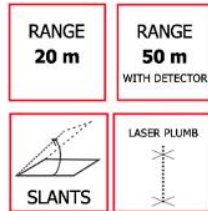
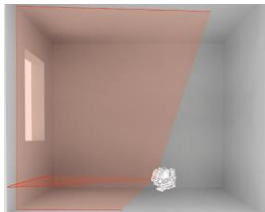


#### SMART 1.1 HD

- The SMART 1.1 HD (HEAVY DUTY) crossed laser generates one vertical and one horizontal beam, intersecting at 90°.
- Continuous laser beam detector mode increases working range
- Generates strong, highly visible lines.
- Ability to determine bevels.
- Self-leveling thanks to automatic compensator cushioning.
- The laser switches to warning mode, indicated by flashing lines, when out of self-leveling range (4° ± 1°).
- The body and the lock switch are covered with non-slip and anti-impact rubber.
- It has 1/4" threads (laser) and 5/8" (magnetic base).
- Resistant to water and dust - IP54 rating.
- Resistant to shocks and drops from a height of up to 1 m.
- Features a universal, rotating, magnetic base with a wall-mounted clip and 1/4" and 5/8" brass threads.
- Easily mounted to 1/4" or 5/8" a tripods or strut poles.

#### SMART 1.1 HD PLUS (ADDITIONAL)

- Generates two points that mark the vertical line (plumb function).
- More powerful diodes (20mW) generate even brighter and more visible lines.



	SMART 1.1 HD	SMART 1.1 HD PLUS
Laser source:	semiconductor diode = 635 nm	semiconductor diode = 635 nm lower point 670 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	± 1 mm/5m (± 0.2 mm/1m)	± 1 mm/5m (± 0.2 mm/1m)
Self-leveling range:	4° ± 1°	4° ± 1°
Line width:	less than 3.5 mm / 10 m	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Working range:	up to 30 m indoors depending on lighting and 50 m with a detector	up to 30 m indoors depending on lighting and 50 m with a detector
Power supply:	4 x AA alkaline battery	4 x AA alkaline battery
Working time (all beams on):	approx. 16 hours	approx. 16 hours
Dimension	114 mm × 60 mm × 97 mm	114 mm × 60 mm × 97 mm
Weight (with batteries):	490 g	490 g
Horizontal/Vertical line angle:	130°/130°	130°/130°
Operating temperature:	-10°C + 50°C	-10°C + 50°C
Temperature of storage:	-20°C + 70°C	-20°C + 70°C

#### SET:

- The cross-line laser SMART 1.1 HD PLUS;
- Target plate;
- Case;
- Rotating magnetic base;
- Operating Manual;
- 4 AA batteries.

CODE	CAT NO.	MODEL
3-01-06-L1-247	PKU-L1247	SMART 1.1HD
3-01-06-L1-049	PRO-L1049	SMART 1.1HD PLUS

04

# LASER AND OPTICAL DEVICES

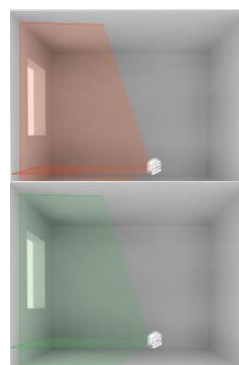
## CROSS-LINE LASER

### SMART 1.1, SMART 1.1G



#### SMART 1.1

- Generates one vertical beam and one horizontal beam, intersecting at 90°.
- Mechanical pendulum locking mechanism to determine oblique lines.
- Resistant to water and dust - IP-54 rating.
- Self-leveling thanks to automatic compensator cushioning.
- Tilt outside the operating range (4°) is indicated by flashing laser lines.
- Features a universal magnetic bracket with movable head and 1/4" thread.
- Easily mounted to a tripod or pole with a 1/4" thread.



#### SMART 1.1 G

- A green beam 4 times brighter than a red laser.

	SMART 1.1	SMART 1.1 G
Laser source:	semiconductor diode = 635 nm	diode = 515-520 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	± 1.5 mm/5m (± 0.3 mm/1m)	± 1.5 mm/5m (± 0.3 mm/1m)
Self-leveling range:	4° ±1°	4° ±1°
Line width:	less than 3.5 mm / 10 m	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Operating range:	up to 15 m indoors depending on the lighting	up to 25 m indoors depending on light conditions
Power supply:	4 x AA alkaline battery	2 x AA alkaline battery
Working time (all beams on):	approx. 12 hours	approx. 4 hours
Dimensions:	76 mm × 66 mm × 76 mm	76 mm × 66 mm × 76 mm
Weight (with batteries):	270 g	270 g
Horizontal/Vertical line angle:	100°/100°	100°/100°
Operating temperature:	-10°C + 50°C -10°C + 50°C 3-01-06-L1-245 PRO-L1245 SMART 1.1	
Storage temperature:	-15°C + 60°C -15°C + 60°C	

#### SET:

- SMART 1.1/ SMART 1.1G cross-line laser;
- Case;
- Universal bracket with movable head and 1/4" thread;
- 2 AA batteries;
- Operating Manual.

CODE	CAT NO.	MODEL
3-01-06-L1-264	PRO-L1264	SMART 1.1 G

# LASER AND OPTICAL DEVICES

## CROSS-LINE LASER

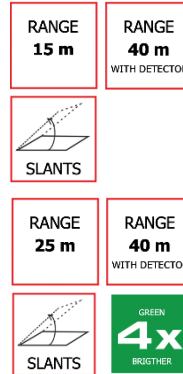
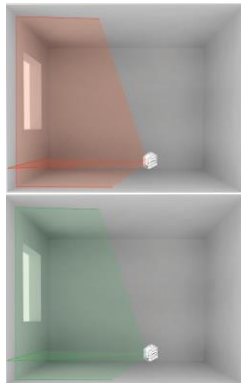
### SMART-X, SMART-XG



04

#### SMART-X

- Two high quality laser diodes, separate for horizontal and vertical plane.
- Generates one vertical beam and one horizontal beam, intersecting at 90°.
- Extremely fine lines for easier tiling work, for example.
- Mechanical pendulum locking mechanism to determine oblique lines.
- Resistant to water and dust - IP-54 rating
- Self-leveling thanks to automatic compensator cushioning.
- Tilt outside the operating range is indicated by flashing laser lines.
- Easily mounted to a tripod or pole with a 1/4" thread.



#### SMART-XG

- It has a green beam 4 times brighter than a red laser.

	SMART-X	SMART-XG
Laser source:	semiconductor diode = 635 nm	semiconductor diode = 505-550 nm
Power:	< 1 mW each beam, class II	< 1 mW each beam, class II
Accuracy:	± 1.5 mm/10 m (± 0.3 mm/1m)	± 1.5 mm/10 m (± 0.3 mm/1m)
Self-leveling range:	4° ±1°	4° ±1°
Line width:	less than 3.5 mm / 10 m	less than 3.5 mm / 10 m
Self-leveling system:	magnetic pendulum	magnetic pendulum
Operating range:	up to 15 m indoors depending on lighting, up to 40 m with detector	up to 25 m indoors depending on illumination, up to 40 m with detector
Power supply:	4 x AA alkaline battery	4 x AA alkaline battery
Working time (all beams on):	first setting: approx. 40 hours, tenth setting: approx. 180 hours	first setting: approx. 10 hours, tenth setting: approx. 40 hours
Dimensions:	76 mm x 66 mm x 76 mm	76 mm x 66 mm x 76 mm
Weight (with batteries):	270 g	270 g
Horizontal/Vertical line angle:	100°/100°	100°/100°
Operating temperature:	-10°C + 50°C -10°C + 50°C 3-01-06-L1-091 PRO-L1091 SMART-X	-25°C + 70°C
Storage temperature:	-25°C + 70°C	-25°C + 70°C

#### SET:

- SMART-X/ SMART-XG cross-line laser;
- Case;
- 4 AA batteries
- Operating Manual.

CODE	CAT. NO.	MODEL
3-01-06-L1-092	PRO-L1092	SMART-XG

# LASER AND OPTICAL DEVICES

## DWL LASER BEAM DETECTOR

ACCURACY  
+/- 1.5mm

2 VIALS

153g



- The laser beam detector is used to find the laser beam emitted by cross-line lasers, leveling instruments and other laser devices.
- For use on its own or with a levelling staff mount.
- Expands the range of laser devices.
- LEDs on the front, side and rear of the detector indicate the position of the laser beam.
- Two vials allow for precise vertical and horizontal alignment of the detector.
- Simple and fast attachment. The detachable mount allows for quick and accurate mounting of the detector on leveling staffs
- The large adjustment range allows the detector to be used with leveling staffs of different widths.
- LED indicators show the current position of the laser plane relative to the detector zero line. The device is equipped with sets of indicators, each consisting of 3 different colored LEDs. Indicators are located on the front and back of the detector.
- The speaker emits different tones depending on the position of the beam relative to the laser line.



### RED LASER BEAM DETECTOR DWL - 02

Accuracy:	'precise' setting $\pm 1,5$ mm 'medium' setting $\pm 2,5$ mm
LEDs:	front / rear
Range:	at least 35m
Audio tones detection:	3 different for beam
Vials:	2
Power supply:	1 x 9 V 6LR61 battery
Auto shutdown:	after about 6 minutes
Dimensions:	164 mm x 52 mm x 27 mm
Weight (with battery):	40 g
Operating temperature:	5°C + 45°C
Storage temperature:	-20°C + 60°C

### GREEN LASER BEAM DETECTOR DWL - 02G

Accuracy:	'precise' setting $\pm 1,5$ mm 'medium' setting $\pm 2,5$ mm
LEDs:	front / rear
Range:	at least 40m
Audio tones:	3 different for beam detection
Vials:	2
Power supply:	1 x 9 V 6LR61 battery
Auto shutdown:	after about 6 minutes
Dimensions:	164 mm x 52 mm x 27 mm
Weight (with battery):	40 g
Operating temperature:	5°C + 45°C
Storage temperature:	-20°C + 60°C

#### SET:

- Laser detector DWL-02;
- Mounting bracket;
- 9V battery;
- Operating Manual.



CODE	CAT NO.
3-01-06-L1-139	PRO-DL139

#### SET:

- Laser detector DWL-02G;
- Mounting bracket;
- 9V battery;
- Operating Manual.



CODE	CAT NO.
3-01-06-L1-159	PRO-DL159

# LASER AND OPTICAL DEVICES

## TRIPODS

### TRIPOD TR-660HD



CODE	CAT NO.
3-01-06-38-035	PRO-TR035

5/8"	165cm	METAL HEAD	RUBBER FEET
------	-------	------------	-------------

- Heavy duty tripod with reinforced design
- 5/8"thread
- Metal head;
- Maximum working height with head: 165cm
- Carrying bag included
- Weight 2 kg

### SURVEYING TRIPOD TR-900.2



CODE	CAT NO.
3-01-06-38-123	PRO-TR123

5/8"	155cm	QUICK CLAMP
------	-------	-------------

- Very stable and durable
- Joints and foot spikes made of metal
- Quick and efficient "quick clamp" foot locking system
- With shoulder strap
- Does not change its shape and size under the influence of weather conditions
- Thread: 5/8" with cable bush
- Max. Height: 155 cm, folded height: 98cm
- Weight: 2.80 kg
- Application: for optical and rotary leveling instruments as well as for devices with 5/8" thread

### TRIPOD TR-3400HD



CODE	CAT NO.
3-01-06-38-034	PRO-TR034

5/8"	340cm	QUICK CLAMP	RUBBER FEET
------	-------	-------------	-------------

- Robust, durable surveying tripod
- Height adjustment
- Comes with safety chains
- Metal head and thread
- Max working height with head 340cm
- Weight: 6 kg

### TRIPOD FOR THE POLE



CODE	CAT NO.
3-01-06-38-013	PRO-TR013

∅32mm
-------

- Allows the usage of an extension pole when it cannot be braced.
- Carrying bag included.

# LASER AND OPTICAL DEVICES

## TRIPOD TR-420F



1/4"	120cm	TPR HEAD	RUBBER FEET
------	-------	----------	-------------

- Camera tripod
- Thread 1/4"
- Maximum working height with head: 120cm
- Carrying bag included
- Weight 0.69 kg

CODE	CAT NO.
3-01-06-38-037	PRO-TR037

## TRIPOD TR-650F



1/4"	155cm	TPR HEAD	RUBBER FEET
------	-------	----------	-------------

- Camera tripod
- Thread 1/4"
- Symmetrical head for stability when determining levels
- Hook for hanging a riser or load
- Maximum working height with head: 155cm
- Carrying bag included
- Weight 1.2 kg

CODE	CAT NO.
3-01-06-38-036	PRO-TR036

## TRIPOD TR-450



5/8"	150cm	RUBBER FEET
------	-------	-------------

- Thread: 5/8" with cable bush.
- Feet: rubber.
- Head: plastic, metal thread.
- Max. working height with head: 150 cm.
- Min. working height with head: 56 cm.
- Weight: 0.96 kg
- Carrying bag included.
- Application: For lightweight cross-line lasers with 5/8" thread

CODE	CAT NO.
3-01-06-38-039	PRO-TR039

## TRIPOD TR-755HD



5/8"	255cm
------	-------

- Heavy duty tripod with reinforced design
- 5/8" thread; metal head,
- Maximum working height with head: 255cm
- Cover included
- Weight: 2.7 kg

CODE	CAT NO.
3-01-06-TR-040	PRO-TR040



# LASER AND OPTICAL DEVICES

## EXTENSION POLES

### LT-334S-2G EXTENSION POLE



CODE	CAT NO.
3-01-06-38-012	PRO-TR012

3,34m	1/4"	5/8"
-------	------	------

- The LT-334S-2G extension pole allows to conveniently set up a cross-line laser in rooms up to 3.34m high without the need for a tripod.
- The pole height can be increased with optional 30 and 60 cm modules.
- The laser can be raised or lowered steplessly over virtually the entire length of the pole.
- Universal, thanks to 5/8" and 1/4" brass screws.
- The pole also features metric scales for easy placement of the laser at the desired height.

#### SET:

- Bottom telescopic pole with a foot peg for easy wedging and a 5/8" thread on top
- Extension segments with a female thread on one end and male on the other - three 60cm pieces and one 30cm piece
- Movable, universal mounting bracket with brass screws with 5/8" and 1/4" threads for placing the laser on the pole.
- A round stand, 8cm in diameter and 4cm high, used to fix the pole between the ground and the ceiling.
- Carrying bag.

### EXTENSION POLE LT-334S-2GT (WITH TRIPOD)



CODE	CAT NO.
3-01-06-38-014	PRO-TR014

3,34m	1/4"	5/8"
-------	------	------

- The LT-334S-2GT extension spreader pole allows to conveniently set up a cross-line laser in rooms up to 3.34m high without the need for a tripod.
- The pole height can be increased with optional 30 and 60 cm modules.
- The laser can be raised or lowered steplessly over virtually the entire length of the pole.
- Universal, thanks to 5/8" and 1/4" brass screws.
- The pole also features metric scales for easy placement of the laser at the desired height.

#### SET:

- Lower pole piece of telescopic design, with a foot for easy wedging, with a top end with a 5/8" diameter bolt hole.
- Extension segments with a female thread on one end and male on the other - three 60cm pieces and one 30cm piece
- Movable, universal mounting bracket with brass screws with 5/8" and 1/4" threads for placing the laser on the pole.
- A round stand, 8cm in diameter and 4cm high, used to fix the pole between the ground and the vault.
- Tripod for use in high halls and outdoors.
- Carrying bag.

# LASER AND OPTICAL DEVICES

## EXPANSION POLE MODULE

60cm 30cm 5/8"



CODE	CAT NO.	LENGTH (M)
3-01-06-38-016	PRO-TR016	30
3-01-06-38-017	PRO-TR017	60

- A piece extending the pole
- A female thread on one end and male on the other allow the pieces to be screwed together
- Comes in two lengths: 30 cm and 60 cm

## EXTENSION POLE SHELF WITH SCREW KIT

1/4" 5/8"



CODE	CAT NO.
3-01-06-38-020	PRO-TR020

- An accessory extension pole shelf used to attach an additional laser between the ground and the vault.
- Comes with two screws with 5/8" and 1/4" threads.

## MAGNETIC BASE P-02 WITH ADJUSTMENT

WITH U-02 PLASTERBOARD GRIP

 1/4"



CODE	CAT NO.
3-01-06-38-022	PRO-LA022

- Magnetic base compatible with 1/4" lasers.
- Includes a bracket for mounting on plasterboard sheets
- An elevator to raise and lower the laser.
- Tripod mountable, thread: 5/8" and 1/4".
- 1/4" thread.

## U-02 BRACKET FOR PLASTERBOARD PROFILES

PLASTERBOARD

- Holder for fixing on a plasterboard sheet.



CODE	CAT NO.
3-01-06-38-028	PRO-LA028

# LASER AND OPTICAL DEVICES

## ADJUSTABLE MAGNETIC LASER STAND

P-02 MAGNETIC, ADJUSTABLE



- Magnetic base compatible with 1/4" lasers
- Adjustable elevator
- Tripod mountable, thread in the base: 5/8", 1/4"
- 1/4" thread

CODE	CAT NO.
3-01-06-38-021	PRO-LA021

## STEEL BASE (HANDLE)

P-03 WITH HEIGHT MICRO-ADJUSTMENT

PLASTERBOARD

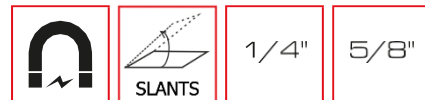


- Suitable also for rotating lasers
- Plasterboard sheet grip
- Adjustable elevator
- Micro height adjustment with mm scale
- 5/8" thread

CODE	CAT NO.
3-01-06-38-029	PRO-LA029

## BASE (HANDLE)

P-06S FOR BEVELS



- The laser can be tilted between 0-90° to mark oblique lines.
- Magnetic base compatible with 1/4" and 5/8" lasers.
- Easily mounts on 5/8" and 1/4" tripod or strut pole.
- Magnet for mounting on steel surfaces.
- Grommets allow the use of velcro and zip ties.

CODE	CAT NO.
3-01-06-38-030	PRO-LA030

## MICROMETER BASE (ADAPTER)

P-07S FOR BEVELS



- Allows to tilt the laser from 0-90° to determine drops or slanted lines.
- Resolution of micrometer adjustment 0.1°.
- Base compatible with 5/8" lasers.
- Can be mounted on a tripod or other accessories with 5/8" thread.

CODE	CAT NO.
3-01-06-LA-033	PRO-LA033

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# LASER AND OPTICAL DEVICES

## LEVELING STAFFS

### LEVELING STAFF 2.4M LASER LLN-240

2,4m	±50cm	mm	Al
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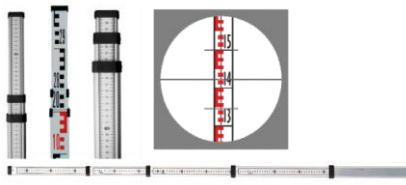


- Sturdy aluminum measuring staff with adjustable height and an integrated box vial for measuring the plumb
- Scale with the zero point fixed between the red and white fields (front of the staff)
- Quick-lock non-slip locking mechanism
- Color coding -
  - silver - "too high."
  - red-"too low"

CODE	CAT NO.
3-01-06-38-024	PRO-LN024

### LEVELING STAFF 5M LLN-500EM

5m	E SCALE	mm	Al
----	---------	----	----



- Leveling staff - a surveying instrument used in leveling.
- Aluminum with a rectangular cross-section, thickened walls and a height of up to 5 meters.
- The scale allows to read the precise distance from the foot of the staff to the point marked by a leveling instrument sights.
- A vial can be attached for vertical alignment of the staff.
- Telescopic - 5 aluminum folding pieces. Sturdy aluminum reinforced latches.
- Bilateral scales: surveying in front (E), millimeter at the back.
- Length when extended: 5 m. Length when retracted: 1,22 m. Weight 1.6 kg.

CODE	CAT NO.
3-01-06-OP-105	PRO-LA105

### LEVELING STAFF 5M LLN-500EMX2



- Leveling staff - a surveying instrument used in leveling. Aluminum with a rectangular cross-section, thickened walls and a height of up to 5m.
- The scale allows to read the precise distance from the foot of the staff to the point marked by a leveling instrument sights.
- A vial can be attached for vertical alignment of the staff.
- Telescopic - 5 aluminum folding pieces. Sturdy aluminum reinforced latches.
- Bilateral division: surveying in front (E) and millimeter straight, back millimeter inverted. Inverted millimeter division allows to quickly measure the height of an object (e.g. a room, car, overpass). Simply extend the staff and read the height on it.
- Length when extended: 5 m. Length when retracted: 123 cm. Weight: 2.3 kg.

CODE	CAT NO.
3-01-06-OP-106	PRO-LA106

### LEVELING STAFF 7M LLN-700EM



- Leveling staff - a surveying instrument used in leveling.
- Aluminum with a rectangular cross-section, thickened walls and a height of up to 7m.
- The scale allows to read the precise distance from the foot of the staff to the point marked by a leveling instrument sights.
- A vial can be attached for vertical alignment of the staff.
- Telescopic - 5 aluminum folding pieces. Sturdy aluminum reinforced latches.
- Bilateral division: surveying in front (E), millimeter at the back.
- Length when extended: 7m.
- Length when retracted: 163.5cm
- Weight: 1.95 kg.

CODE	CAT NO.
3-01-06-OP-107	PRO-LA107

# LASER AND OPTICAL DEVICES

## ADAPTERS

### ADAPTER 5/8"/5/8"



- Adapter for cross-line lasers, 5/8" thread - 5/8".
- For attaching the laser to a strut pole.
- Height: 5.5 cm.
- Weight: 60 g.

CODE	CAT NO.
3-01-06-38-011	PRO-LA011

### ADAPTER 5/8"/1/4" SHORT ADAPTER 1/4"/5/8" HEX



- Adapter for cross-line lasers, 5/8" thread - 1/4".
- For attaching a 1/4" threaded device to a 5/8" tripod or pole.
- Galvanized steel.

CODE	CAT NO.
3-01-06-38-019	PRO-LA019



- Adapter for cross-line lasers, 1/4" / 5/8" thread.
- Galvanized steel.
- HEX, 17 mm

CODE	CAT NO.
3-01-06-38-027	PRO-LA027

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## TARGET PLATE FOR LASERS

### FOR RED LASERS



CODE	CAT NO.
3-01-06-38-25	PRO-LA025

### FOR GREEN LASERS



CODE	CAT NO.
3-01-06-38-26	PRO-LA026



- Improves beam visibility of line, spot and rotation lasers.
- The target plate is perfect for dry construction measurements using a laser beam.
- Freestanding - with a retractable leg.
- Built-in magnet for steel components.
- Scale in centimeters and inches.
- Left-hand scale in millimeters: 70mm
- Right-hand scale in inches: 3"
- Dimensions: 105 x 75 mm.

## LASER GOGGLES

### RED LG-R



CODE	CAT NO.
3-01-06-38-040	PRO-LA040

### GREEN LG-G



CODE	CAT NO.
3-01-06-38-041	PRO-LA041

- Improves the visibility of laser beams.
- Adjustable temple length: 4 steps.

# LASER AND OPTICAL DEVICES

## OPTICAL LEVELS



- An optical leveling instrument can measure height and distance differences, determine direction, slope and angles.
- 32x magnification for the longest range and highest accuracy when taking readings.
- Compensator with magnetic damping.
- Clear and sharp image even when measuring over long distances.
- The metal housing protects the level against dust and water - class IP54.
- The compensator lock used in the instrument provides protection during transportation of the instrument.
- Eyepiece with adjustable focus.
- A collimator for quick and comfortable aiming at the patch.
- Large, bright lens for clear visibility.
- Smooth angle adjustment by slip clutch; rubber coated screws.
- Robust and lightweight construction.

CODE	CAT NO.	TYPE
3-01-06-OP-24	PRO-OP024	NO-24
3-01-06-OP-32	PRO-OP032	NO-32

24x	32x	5/8"	IP54
-----	-----	------	------

TYPE	NO-24	NO-32
Magnification	24 x	32 x
Standard error per 1km of double leveling	2.0mm	1.00mm
Image	Simple	
Lens diameter	36mm	38mm
Field of vision	1°20' (2.3 m/100m)	
Smallest focal length	0.3m	
Multiplication constant	100	
Addition constant	0	
Compensator range	± 15'	
Accuracy of compensator	± 0,6"	
Vial sensitivity	8' / 2 mm	
Division of the horizontal circle	360° (every 1°)	
Waterproof	IP54	
Heart screw thread	5/8"	
Operating temperature:	-20°- 50°	
Storage temperature:	-40°- 70°	
Weight	1.8 kg	

### SET:

- Optical leveling instrument;
- Telescope cover;
- Rectifying needle;
- String riser;
- Transport case;
- Operating Manual.

## LASER RANGEFINDER

### DL-40M5 WITH 5M MEASURING TAPE



CODE	CAT NO.
3-01-06-L1-084	PRO-DL084

BATTERY LI-ION	USB CHARGING	LCD DISPLAY	LASER RANGE 40M	5000 MEASUREMENTS
	REVERSE BRAKE	HOOK WITH MAGNET	MEASURE 5M	

- The DL-40M5 laser rangefinder is used for distance measurement.
- Operation up to 5m with integrated reel measure with reverse brake and up to 40m with laser module.
- Laser measuring accuracy is +2 mm, steel coiled measure in II accuracy class.
- An additional scale on the back of the tabletop allows for more convenient vertical measurement.
- Hook with magnet.
- Features a metal belt clip.

# LASER AND OPTICAL DEVICES

## LASER RANGEFINDER

### DL-X, DL-XG

MEASUREMENT OF 360° ANGLE	EXPANDED MEMORY FOR 99 MEASUREMENTS	3 MEASUREMENT REFERENCE POINTS	0.05 -100m	ACCURACY ±2mm	MEASUREMENT TIME 0.5s	IP54
						MEASUREMENT THROUGH AN OBSTACLE



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- They are used to measure distance, area and volume of the selected object.
- It has the following functions: indirect measurement (enhanced with the possibility of sum and difference calculation), continuous and dynamic measurement.
- Allows operation from 0.05 m to 40, 60, 80 or 100 m.
- The measurement accuracy is  $\pm 2$  mm.
- Three measurement reference points: front panel, rear panel of the unit, and 1/4" socket.
- Built-in digital protractor.
- Backlit LCD screen.
- Expanded memory allows to store measurements (up to 99) and perform addition and subtraction operations.
- Degree of protection IP54.
- Non-slip buttons.
- 1/4" tripod mount.

#### SET:

- DL-X/DL-XG distance meter;
- Case;
- Strap;
- 3 x battery;
- Target plate;
- Operating Manual.






TYPE	DL-40X	DL-60X	DL-80X	DL-100X	DL-50XG	DL-70XG	DL-100XG	CODE	CAT. NO.	MODEL
<b>Measuring range</b>	<b>0.05-40 m</b>	<b>0.05-60 m</b>	<b>0.05-80 m</b>	<b>0.05-100 m</b>	<b>0.05-50 m</b>	<b>0.05-70 m</b>	<b>0.05-100 m</b>	3-01-06-L1-078	PRO-DL078	DL-100X
Laser color			red				green	3-01-06-L1-077	PRO-DL077	DL-80X
Resolution			0.001 m				0.001 m	3-01-06-L1-076	PRO-DL076	DL-60X
Accuracy of measurement			$\pm 2$ mm				$\pm 2$ mm	3-01-06-L1-075	PRO-DL075	DL-40X
Measurement time			0.5 s				0.5 s			
Laser type			635 nm, Class 2, < 1 mW				520 nm, Class 2, < 1 mW	3-01-06-DL-111	PRO-DL111	DL-100XG
Power supply			3 x AAA 1.5V batteries				3 x AAA 1.5V batteries	3-01-06-DL-110	PRO-DL110	DL-70XG
Battery life			approximately 8 000 measurements				approximately 8 000 measurements	3-01-06-DL-109	PRO-DL109	DL-50XG
Dimensions			118 mm x 52 mm x 27 mm				118 mm x 52 mm x 27 mm			
Operating temperature			0°C + 40°C				0°C + 40°C			
Storage temperature			-20°C + 60°C				-20°C + 60°C			
Automatic shutdown			laser after 20 s, rangefinder after 150 s				laser after 20 s, rangefinder after 150 s			

# LASER AND OPTICAL DEVICES

## DL-40R WITH MEASURING WHEEL



BATTERY LI-ION 	USB CHARGING 	2 MEASUREMENT REFERENCE POINTS 	LASER RANGE <b>40M</b>	ACCURACY +/- 2MM
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- The DL-40R laser distance meter is used for distance measurements up to 40 m.
- Integrated measuring wheel for measuring irregular shapes, circuits.
- Measurement in metric and imperial system.
- Built-in Li-ion battery, micro USB charging cable included.

CODE	CAT NO.
3-01-06-L1-081	PRO-L1081

## DL-20



ACCURACY +/- 3MM	AAAx2 	MEASUREMENT TIME <b>0.5s</b>	 <b>5000</b> MEASUREMENTS	LASER RANGE <b>20M</b>	<b>1</b> MEASUREMENT REFERENCE POINTS
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- The DL-20 laser distance meter is used for distance measurements up to 20 m.
- Measurement in metric and imperial system.
- Battery indicator.

CODE	CAT NO.
3-01-06-L1-088	PRO-DL088



# MEASURES AND TAPES

# 05



# MEASURES AND TAPES

## FEATURES OF STEEL TAPES

### HIGHQUALITY TAPES

PRO uses high grade carbon steel ensuring uniform tape thickness throughout. This has been achieved through advanced cold rolling process and heat treatment techniques. The result is very high durability and resistance to kinking and bending during use.

### ROUND EDGES

Sharp edges are usually a source of corrosion and rust. All sharp edges of PRO reel tapes are filed to avoid corrosion and cracking. We think about the users by working on even such invisible details.

### NYLON COATING

The nylon coating on the tapes minimizes rapid wear and scratching. Special embossed finish provides better protection and reduces light reflection. Anti-corrosion layer of the nylon coating protects the entire surface of the tape ensuring long-lasting legibility and high durability.

### REVERSE BRAKE

The reverse brake is a mechanism that brakes the tape. It adopts an automatic ejector lock. The tape does not retract on its own. The tape is retracted by pressing the brake release button.

### TAPE IMPACT ABSORBER

Built-in tape impact absorber reduces the impact of the tape clip on the cassette during retraction.

### HOOK AND TAPE PROTECTOR

Stainless steel tape clip protected against corrosion. Sliding hitch fully adaptable to internal and external measurements. The stainless steel tape protector prevents the tape from being pulled away and enlarging the holes where the rivets are attached.

### MAGNETS

The tape measures with magnets make it easy to take measurements without a second person. Magnets hold the measure firmly on iron and steel surfaces in both horizontal and vertical planes.

### DURABILITY

The springs were subjected to a fatigue test. The tape was extended 3000 times beyond the measuring range by 1.8 cm without permanent damage to the spring. The metal parts and the tape were placed in 5% NaCl solution for more than two hours. After removing the components there was no rust found. Drop test from a height of 1.2 m without damage to the function and without change to the shape of the cassette.

### ACCURACY

Thanks to their advanced technology, PRO tape measures meet the stringent EC Class I and EC Class II tolerance requirements set by the European System of Weights and Measures. Tolerances were specified at 20° C.

CLASS		1M	2M	3M	5M	8M	10M	20M	30M	50M	100M
I	mm	±0.2	±0.3	±0.4	±0.6	±0.9	±1.1	±2.1	±3.1	±5.1	±10.1
II	mm	±0.5	±0.7	±0.9	±1.3	±1.9	±2.3	±4.3	±6.3	±10.3	±20.3
III	mm	±1.0	±1.4	±1.8	±2.6	±3.8	±4.6	±8.6	±12.6	±20.6	±40.6



## FOLDING MEASURES

### PRO MILESTONE



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-603	PRO-MZ183	3 m	16 mm
3-01-04-25-605	PRO-MZ185	5m	25mm
3-01-04-25-608	PRO-MZ188	8 m	25 mm



- High tape rigidity for long unsupported reach
  - up to 50% of the total length of the measure.
- Ergonomic cassette made of high quality ABS (thermopolymer) with TPR (thermoplastic rubber) coating.
- Shape and marking of the cassette enable length measurement from the rear wall of the tape housing.
- Movable, reinforced tape clip fastened with three rivets.
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Durable metal tape clip.
- Graduation in accuracy class II.

# MEASURES AND TAPES

## PRO MEASURE



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-26-103	PRO-MZ143	3 m	19 mm
3-01-04-26-105	PRO-MZ145	5m	25 mm
3-01-04-26-108	PRO-MZ148	8 m	25 mm

- High tape rigidity for long unsupported overhang, up to 50% of total gauge length.
- Ergonomic cassette made of high quality ABS (thermopolymer) with TPR (thermoplastic rubber) coating.
- Shape and marking of the cassette enable length measurement from the rear wall of the tape housing.
- Modern precision ratchet brake for high ergonomics.
- Movable, reinforced tape clip mounted on three rivets, additionally equipped with two strong magnets, facilitates the use of the measure during work on steel structures.
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Durable metal tape clip.
- Graduation in accuracy class II.

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## PR-60-01



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-003	PRO-MZ133	3 m	16 mm
3-01-04-25-005	PRO-MZ135	5m	19mm
3-01-04-25-008	PRO-MZ138	8 m	25 mm

- The measuring tape is equipped with three brakes: top, side and bottom.
- The cassette made of high quality plastic.
- Cassette body with TPR (thermoplastic rubber).
- Movable tape clip mounted on two rivets in 3m, 5m measures (on three rivets in 8m measures).
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- High tape rigidity for long unsupported overhang, up to 50% of total gauge length.
- Durable steel tape clip and convenient wrist strap.
- Graduation in accuracy class II.

## MEASURING TAPE PR-60-02



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-703	PRO-MZ113	3m	16mm
3-01-04-25-705	PRO-MZ115	5m	25mm
3-01-04-25-708	PRO-MZ118	8m	25mm

- Measuring cassette made of high quality ABS (thermopolymer).
- Additional elements made of TPR (thermoplastic rubber), providing high comfort during work and secure grip.
- The measuring tape is equipped with one clamping brake (top).
- Movable tape clip attached by two or three rivets.
- Durable steel tape clip and convenient wrist strap.
- The measuring tape has a functional hook with a hole for nails and screws.
- Graduation in accuracy class II.

# MEASURES AND TAPES

## MEASURE PR-70-01 X-ROCKER



- Reverse brake - the tape is automatically locked when extended.
- Ergonomic metal cassette with stainless steel protective lid.
- Additional TPR (thermoplastic rubber) coating for high comfort while working. Non-slip measuring body.
- Nylon tape protective coating for increased scratch and rust resistance.
- Movable, reinforced tape clip equipped with two strong magnets, mounted on four rivets in 5m, 8m measures (on three rivets in 3m measures).
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Highly precise mechanism - when the release button is gently moved, the measuring tape is retracted very slowly.
- Durable metal tape clip and convenient wrist strap.
- Graduation in accuracy class II.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-24-905	PRO-MZ905	5 m	32 mm
3-01-04-24-908	PRO-MZ908	8 m	32mm

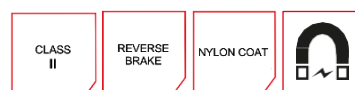
## MEASURING TAPE PR-60-03



- Measuring cassette made of high quality ABS (thermopolymer).
- The measuring tape is equipped with two brakes: upper and lower.
- Movable tape clip attached by two or three rivets.
- Durable steel tap clip and convenient wrist strap.
- The measuring tape has a functional hook with a hole for nails and screws.
- Graduation in accuracy class II.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-26-203	PRO-MZ163	3m	16mm
3-01-04-26-205	PRO-MZ165	5m	19mm
3-01-04-26-208	PRO-MZ168	8m	25mm

## PR-60-05



- Reverse brake - the tape automatically locks when extended.
- Ergonomic metal cassette with stainless steel protective lid.
- Additional TPR (thermoplastic rubber) coating for high comfort while working. Non-slip measuring body.
- Nylon tape protective coating for increased scratch and rust resistance.
- Movable, reinforced tape clip equipped with two strong magnets, mounted on four rivets in 5m, 8m measures (on three rivets in 3m measures).
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Highly precise mechanism - when the release button is gently moved, the measuring tape is retracted very slowly.
- Durable metal tape clip and convenient wrist strap.
- Graduation in accuracy class II.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-313	PRO-MZ173	3 m	16 mm
3-01-04-25-315	PRO-MZ175	5 m	25mm

# MEASURES AND TAPES

## PR-60-06



CLASS I	CLASSIC BRAKE	NYLON COAT	Cr CASSETTE
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- Graduated measuring tape in accuracy class I.
- Ergonomic metal cassette with chrome-plated protective coating.
- Additional rubber covering for increased comfort while working.
- Non-slip, chrome-plated measuring tape body.
- Nylon tape protective coating for increased scratch and rust resistance.
- Movable, reinforced hook thickened by 20% attached to the tape with three rivets in the measuring tapes of 3 m, 5 m, 8 m.
- A strong, non-slip brake to ensure the tape is held in the desired position.
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Durable metal tape clip.
- Convenient wrist strap.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-403	PRO-MZ103	3 m	16 mm
3-01-04-25-405	PRO-MZ105	5m	25mm
3-01-04-25-408	PRO-MZ108	8 m	25 mm

## PR-60-10N



CLASS KLASA	1 hamulec	TPR	2 STRONNA TASMA
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- Cassette made of high quality plastic with a touch of TPR (thermoplastic rubber).
- Upper clamping brake.
- Specialized large hook (hole for screws and bolts), fastened with four rivets.
- Double sided wide (32mm) nylon coated tape.
- Durable metal tape clip.
- Graduation in accuracy class II.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-702	PRO-MZ910	10 m	32 mm

## PR-60-11



CLASS II	REVERSE BRAKE	NYLON COAT	DOUBLE SIDED TAPE
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- Reverse brake - the tape automatically locks when extended.
- Ergonomic cassette made of high quality plastic.
- Non-slip measuring body.
- Additional TPR (thermoplastic rubber) covering for high comfort during work.
- Nylon tape protective coating for increased scratch and rust resistance.
- Movable, reinforced tape clip mounted on three rivets in 5m, 8m measuring tapes (on two rivets in 3m measuring tapes).
- The tape measure is equipped with a bumper to absorb the impact of the tape during retraction.
- Double-sided printing (scale on both sides of the tape).
- Durable metal tape clip.
- Nail and screw attachment.
- Graduation in accuracy class II.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-623	PRO-MZ193	3 m	16 mm
3-01-04-25-624	PRO-MZ195	5m	19mm
3-01-04-25-625	PRO-MZ196	5 m	25 mm

# MEASURES AND TAPES

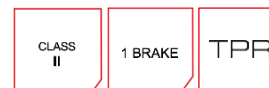
## PR-40-01



- Ergonomic cassette made of TPR (thermoplastic rubber) material for high comfort during work.
- Two functional brakes: ratchet and bottom brake.
- Shape and marking of the cassette enable length measurement from the rear wall of the tape housing.
- Movable reinforced tape clip.
- The measuring tape comes with a bumper to absorb the impact of the tape during retraction.
- Durable metal tape clip.
- Nail and screw attachment.
- Convenient rubber wrist strap.
- Graduation in accuracy class II.

CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-24-103	PRO-MZ123	3m	16mm
3-01-04-24-105	PRO-MZ125	5m	19mm
3-01-04-24-108	PRO-MZ128	8m	25mm

## PR-60-



- Reverse brake - the tape is automatically locked when extended.
- Ergonomic cassette made of high quality ABS plastic (thermopolymer).
- Additional non-slip TPR (thermoplastic rubber) covering for high comfort during work.
- Nylon tape protective coating for increased scratch and rust resistance.
- Movable, reinforced tape clip fastened with three rivets in 3 m, 5, and 8 m measuring tapes.
- Durable metal tape clip.
- Convenient wrist strap.
- Nail and screw attachment.
- Scale in accuracy class II.

CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-26-003	PRO-MZ203	3m	16mm
3-01-04-26-005	PRO-MZ205	5m	19mm
3-01-04-26-006	PRO-MZ206	5m	25mm
3-01-04-26-008	PRO-MZ208	8m	25mm

## PR-45-12



- High quality ABS (thermopolymer) cassette with TPR (thermoplastic rubber) finish.
- Upper clamping brake.
- Graduation in accuracy class II.
- Movable tape clip fastened with 3 rivets.
- Single-sided tape (12.5 mm).
- Convenient and compact design with key ring.

CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-26-018	PRO-MZ902	2 m	12.5 mm

# MEASURES AND TAPES

## STEEL TAPES

PR-62-01



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-020	PRO-TS020	20m	12.5mm

CLASS II	3x FOLDING SPEED	STEEL TAPE
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- High quality steel tape.
- Coated with a polymer layer to increase the durability of the tape.
- Robust, bolted ABS (thermopolymer) housing with additional TPR (thermoplastic rubber) elements for protection against damage and ensuring a firm grip.
- Modern mechanism with three times the speed of tape retraction.
- Handle retractable in housing.
- Metal measuring clip.
- Graduation in accuracy class II.
- Compliant with the European MID directive.

PR-63-02



CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-24-040	PRO-MZ040	30m	13mm
3-01-04-24-250	PRO-MZ250	50m	13mm

CLASS II	6x FOLDING SPEED	STEEL TAPE
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- Six times faster retraction speed.
- Tape cassette covered with anti-slip TPR (thermoplastic rubber) material. Very sturdy housing made of impact resistant ABS (thermopolymer).
- The top made of high quality carbon steel covered with a layer of acrylic polymer treated to eliminate the risk of corrosion, rust and cracking.
- Offset by 10cm the beginning of the tape scale.
- Tape equipped with a steel positioning tip, with retracting and extending functionality.
- Drum construction designed to protect the tape top from damage.
- Durable rubber rollers inside the cassette, guiding the tape top to prevent retracting.
- Functional belt clip with an anti-slip element.
- Compliant with the European MID directive.

PR-64-01



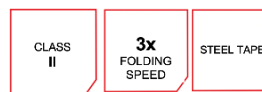
CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-330	PRO-MZ330	30 m	13 mm
3-01-04-25-350	PRO-MZ350	50m	13mm

CLASS II	NYLON COAT	ABS	TPR
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- Highly durable housing made of drop resistant ABS thermopolymer
- Ergonomic TPR non-slip rubber coated handle provides a secure and comfortable grip
- Double-sided top made of high quality carbon steel, covered with a layer of special nylon, which is characterized by maximum resistance to rust, and various types of acids.
- Tape width 13 mm
- Functional belt clip made of plastic, additionally equipped with a metal hook.
- II accuracy class.
- Compliant with the European MID Directive

# MEASURES AND TAPES

PR-62-11



- High quality steel strap.
- Coated with a polymer layer to increase the durability of the tape.
- Modern mechanism with three times the speed of tape retraction.
- Robust, bolted ABS (thermopolymer) housing with additional TPR (thermoplastic rubber) elements for protection against damage and for a firm grip.
- Handle retractable in housing.
- Metal gauge clip.
- Graduation in accuracy class II.
- Compliant with the European MID directive.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-120	PRO-MZ120	20 m	19 mm
3-01-04-25-130	PRO-TS030	30 m	19 mm

## FIBERGLASS TAPES

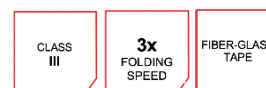
PR-63-01



- Ergonomic grip provides a secure and comfortable hold.
- Faultless tape retraction mechanism with flat folding handle.
- Robust and lightweight ABS (thermopolymer) housing with positioning tip for easy measurement.
- Low stretch, high quality fiberglass tape with clear graduations.
- III accuracy class.
- Compliant with the European MID directive.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-24-130	PRO-TW030	30m	13mm
3-01-04-24-150	PRO-MZ150	50m	13mm

PR-63-03



- High quality fiberglass tape.
- Coated with a polymer layer to increase the durability of the tape.
- Robust, bolted ABS (thermopolymer) housing with additional TPR (thermoplastic rubber) elements for protection against damage and for a firm grip.
- Modern mechanism with three times the speed of tape retraction.
- Handle retractable in housing.
- Metal gauge clip.
- Graduation in accuracy class III.
- Compliant with the European MID directive.

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-24-020	PRO-TW020	20 m	13 mm



# MEASURES AND TAPES

PR-64-02



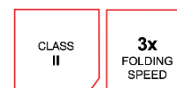
- Three times the winding speed
- Highly durable housing made of drop resistant ABS thermopolymer
- TPR anti-slip rubber coated tape cassette
- Ergonomic handle provides a secure and comfortable grip
- Tape made of high quality glass fibre, low stretch with clear graduations, printed on both sides
- Tape width 15 mm
- Functional tape clip made of plastic, additionally equipped with a metal hook
- II accuracy class
- The measure complies with the European MID, PAH and REACH directives

05

CODE	CAT NO.	LENGTH	TAPE WIDTH
3-01-04-25-430	PRO-MZ430	30 m	15 mm
3-01-04-25-450	PRO-MZ450	50m	15mm

## CHALK LINE

WITH MARKING CHALK AND STRING LEVEL



- Ergonomic housing made of high quality ABS / PC along with a rubber cover.
- String length 30m
- A strong cotton/polyester cord ending in a stainless steel hook.
- 3:1 string winding ratio
- Multifunctional string tensioning mechanism
- Includes a 200g container of marker chalk.
- The set includes: a chalk line, 200g chalk and a string level for auxiliary measurements.

CODE	CAT NO.	PRODUCT
3-01-12-27-401	PRO-ST401	chalk line + blue chalk
3-01-12-27-404	PRO-ST404	blue chalk
3-01-12-27-402	PRO-ST402	chalk line + red chalk
3-01-12-27-403	PRO-ST403	red chalk

# MEASURES AND TAPES

## FOLDING WOODEN MEASURE

TYP



CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-26-001	PRO-MS001	1 m	16 mm
3-01-04-26-002	PRO-MS002	2 m	16 mm

CLASS III	SCALE MM	WATER RESISTANT	UV RESISTANT
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- B1 series folding measures are made of beech wood.
- They have a two-sided scale in millimeters.
- The scale is coated with a layer of water-based paint and a double layer of lacquer resistant to scratches, abrasion, splashes and adverse effects of negative temperatures and UV rays.
- The measure is characterized by rigid, steel, additionally lubricated joints.
- It has ends protected against corrosion with brass coating.
- Steel joints provide a secure and durable connection of the measuring arms.
- Clear graduation in accuracy class III.
- Slats thickness 3,2 mm.
- Top width 16 mm.

TYPE B7



CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-26-011	PRO-MS011	1 m	16 mm
3-01-04-24-150	PRO-MZ150	2 m	16 mm

CLASS III	SCALE MM	WATER RESISTANT	UV RESISTANT
-----------	----------	-----------------	--------------

- B7 series folding measures are made of beech wood.
- They have a two-sided scale in millimeters.
- The scale is coated with a layer of water-based paint and a double layer of lacquer resistant to scratches, abrasion, splashes and adverse effects of negative temperatures and UV rays.
- They come with plastic joints and ends protected against corrosion with brass coating.
- The hinges are built into the measure profile so that a continuous line can be drawn without any bends.
- A protractor is placed on the extreme joints to angle the arms: 15°, 30°, 45°, 60°, 75° and 90°.
- Clear graduation in accuracy class III.
- Slats thickness 3,2 mm.
- Top width 16 mm.

## FOLDING ABS MEASURE

TYPE B3 ABS



CODE	CAT. NO.	LENGTH	TAPE WIDTH
3-01-04-26-031	PRO-MS031	1 m	13 mm
3-01-04-26-032	PRO-MS032	2 m	15 mm

CLASS III	SCALE MM	WATER RESISTANT	UV RESISTANT	ABS
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- B3 series folding measures are made of special, wear-resistant ABS plastic (thermopolymer).
- They have a two-sided scale in millimeters.
- Possibility to determine an angle of 90° - arm lock.
- Flexible and elastic ABS (thermopolymer) allowing measurements on arcs and circles.
- The hinges are built into the measure profile so that a continuous line can be drawn without any bends.
- Clear graduation in accuracy class III.
- ABS folding measure 1 m - top width 13 mm.
- ABS folding measure 2 m - top width 15 mm.

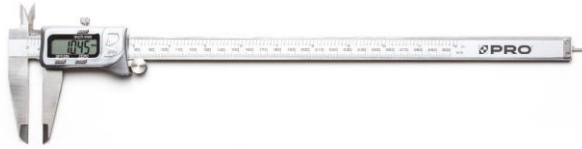
# MEASURING DEVICES 06



# MEASURING DEVICES

## DIGITAL CALLIPERS

### CALLIPER IP 54



IP54	0-150 mm	0-300 mm	SCALE mm inches	STAINLESS STEEL	BATTERY 1.5 V
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TYPE	IP 54 150	IP 54 300 MM
Measurement range:	0 - 150 mm	0 - 300 mm
Resolution:	0.01mm	0.01mm
Accuracy:	± 0.02 mm (<100 mm) ± 0.03 mm (>100-150 mm)	± 0.02 mm (<100 mm) ± 0.03 mm (>100-150 mm) ± 0.04 mm (>150-300 mm)
Repeatability of measurement:	± 0.01 mm	± 0.01 mm
Maximum measurement time:	1.5 s	1.5 s
Method of measurement:	linear-capacitive	linear-capacitive
Power supply:	1.5 V battery	
Display:	LCD	LCD
Operating temperature:	0° to 40° C	0° to 40° C
Ambient humidity:	less than 80% with no effect on operation of a calliper	less than 80% with no effect on operation of a calliper

- The digital caliper is used for internal, external, depth and height measurements.
- A variable reference point allows mixed measurements to be made.
- Dual scale allows measurement in a metric and inch system.
- Guide bar made of high quality stainless steel.
- Metal housing of the digital module.
- Resistant to dust and splashes of water - IP 54 rating.

#### SET:

- Digital caliper;
- Functional case;
- Spare battery;
- Operating manual.



DIMENSIONS [MM]	150	300
Calliper IP 54	3-01-05-E1-408 PRO-SW408	3-01-05-E1-409 PRO-SW409

### CALLIPER 007



0-150 mm	0-300 mm	SCALE mm inches	STAINLESS STEEL	BATTERY 1.5 V
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TYPE	007 150 MM	007 300 MM
Measurement range:	0 - 150 mm	0 - 300 mm
Resolution:	0.01mm	0.01mm
Accuracy:	± 0.02 mm (<100 mm) ± 0.03 mm (>100-150 mm)	± 0.02 mm (<100 mm) ± 0.03 mm (>100-150 mm) ± 0.04 mm (>150-300 mm)
Repeatability of measurement:	± 0.01 mm	± 0.01 mm
Maximum time of measurement:	1.5 s	1.5 s
Method of measurement:	linear-capacitive	linear-capacitive
Power supply:	1.5 V battery	
Display:	LCD	LCD
Operating temperature:	0° to 40° C 0° to 40° C	
Ambient humidity:	less than 80% with no effect on operation of a calliper	less than 80% with no effect on operation of a calliper

- The digital caliper is used for internal, external, depth and height measurements.
- A variable reference point allows mixed measurements to be made.
- Dual scale allows measurement in a metric and inch system
- Guide bar made of high quality stainless steel.
- Digital module housing made of plastic.

#### SET:

- Digital caliper;
- Functional case;
- Spare battery;
- Operating manual.



DIMENSIONS [MM]	150	300
Slide Calliper 007	3-01-05-E1-407 PRO-SW407	3-01-05-E1-410 PRO-SW410

# MEASURING DEVICES

## VERNIER CALLIPERS

### VERNIER CALLIPER 004



TYPE	VERNIER CALLIPER 004 150 MM	VERNIER CALLIPER 004 300 MM
Meas. range:	0 - 150 mm	0 - 300 mm
Accuracy:	0.02 mm	0.02 mm
Meas. deviation:	± 0.04 mm (0-200 mm) ± 0.05 mm (200 - 300 mm)	± 0.04 mm (0-200 mm) ± 0.05 mm (200 - 300 mm)
Method of measurement:	visually	visually
Operating temperature:	all conditions all conditions	
Ambient humidity:	without affecting the operation of the calliper	without affecting the operation of the calliper
<b>DIMENSIONS [MM]</b>	<b>150</b>	<b>300</b>
Slide Calliper 004	3-01-05-E1-415 PRO-SW415	3-01-05-E1-413 PRO-SW413

0-150 mm	0-300 mm	SCALE mm inches	STAINLESS STEEL
-------------	-------------	-----------------------	--------------------

- Vernier caliper is used for external, internal, depth and mixed measurements.
- Dual scale allows measurement in both metric and inch systems.
- Made entirely of high quality stainless steel.
- All parts hardened.
- Matt chrome plated graduation.
- Vernier length 49 mm with an accuracy of 0.02 mm and 0.001".
- Main scale and vernier in satin chrome.
- The entire caliper body is heat treated.
- Slider that moves when the clamping screw is released.
- Additionally hardened measuring faces.

#### SET:

- Digital caliper;
- Functional case;
- Operating manual.



90

### VERNIER CALLIPERS 005



TYPE	VERNIER CALLIPER 005 150 MM	VERNIER CALLIPER 005 300 MM
meas. range:		
Accuracy:	0.02mm	0.02mm
Meas. deviation:	± 0.04 mm (0-200 mm) ± 0.05 mm (200 - 300 mm)	± 0.04 mm (0-200 mm) ± 0.05 mm (200 - 300 mm)
Method of measurement:	visually	visually
Operating temperature:	all conditions	all conditions
Ambient humidity:	without affecting the operation of the calliper	without affecting the operation of the calliper
<b>DIMENSIONS [MM]</b>	<b>150</b>	<b>300</b>
Slide Calliper 005	3-01-05-E1-411 PRO-SW411	3-01-05-E1-414 PRO-SW414

0-150 mm	0-300 mm	SCALE mm inches	STAINLESS STEEL
-------------	-------------	-----------------------	--------------------

- Vernier caliper is used for external, internal, depth and mixed measurements.
- Dual scale allows measurement in both metric and inch systems.
- Made of high quality stainless steel.
- All parts hardened.
- Matt chrome plated graduation.
- Vernier length 49 mm with an accuracy of 0.02 mm and 0.001".
- Main scale and vernier in satin chrome.
- The entire caliper body is heat treated.
- A slider that moves when the automatic brake is released.
- Contact surfaces additionally hardened.

#### SET:

- Digital caliper;
- Functional case;
- Operating manual.



# MEASURING DEVICES

## DIAL CALLIPERS

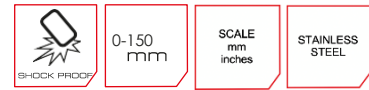
### 001 DIAL CALLIPER



Measurement range:	0 - 150 mm
Accuracy:	0.02mm
Measurement deviation:	± 0.04 mm (0-200 mm) ± 0.05 mm (200-300 mm)
Measurement method:	Visual
Operating temp:	all conditions

Ambient humidity: no effect on calliper performance

CODE	CAT NO.
3-01-05-E1-016	PRO-SW016



- The dial calliper is used to take external, internal measurements.
- Dual scale allows measurement in both metric and inch systems.
- Made entirely of high quality stainless steel All parts hardened. Matt chrome plated graduation.
- The entire calliper body is heat treated.
- Slider that moves when the clamping screw is released.
- Additionally hardened measuring faces. Made in compliance with DIN 862.

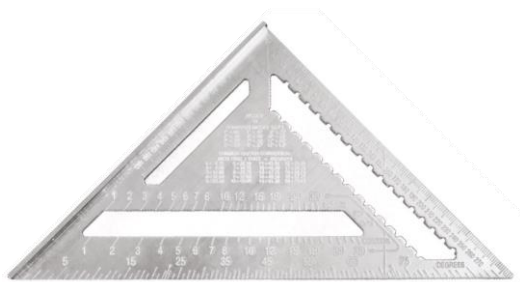
#### SET:

- Clock calliper;
- Functional case;
- Operating manual.

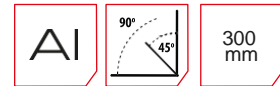


## BUILDER'S SQUARES

### ALUMINUM BUILDER'S SQUARE WITH BASE



CODE	CAT NO.
3-01-05-E1-906	PRO-PK906



- Embossed inch scale and conversion table for rafters.
- Protractor 0-90°.
- Can be used as a drafting square for measuring and cutting circular saws.
- Engraved graduations.
- Equipped with a foot for precise positioning of the square in relation to the measured element.

#### Allows:

- Fast and precise drawing of parallel lines.
- Fast determination of 45° and 90° angles.
- Determining angles in the range 0 - 90°.
- Trimming rafters in roof trusses.
- Setting angles in angle saws.
- Comfortable saw guidance along the arm.

### CARPENTRY SQUARE MADE OF ABS WITH BASE



CODE	CAT NO.
3-01-05-E1-908	PRO-PK908

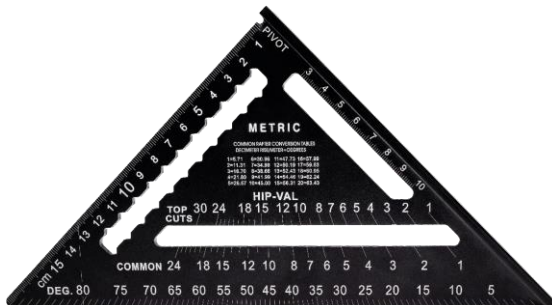


- Square made of durable ABS.
- Easy to read tilt angles.
- Conversion tables.
- The base allows for easy marking and cutting.

# MEASURING DEVICES

## CARPENTRY SQUARE WITH BASE

AI	0-90°	175 mm
----	-------	--------



- Made of aluminum alloy, strong and durable.
- Scale clear, accurate and easy to read.
- The square is perfect for all general construction, carpentry or roofing projects.
- Quickly determines 45° and 90° angles and angles from 0-90°.
- Convenient cutting and trimming in roof trusses possible.
- Can be used as a saw guide for measuring angles and cuts.
- Ergonomic and comfortable design.

CODE	CAT NO.
3-01-05-E1-601	PRO-PK601

90

## CARPENTRY SQUARE

AI	90° 45°	3D
----	------------	----



- Perfect for 3D marking, 45 and 90 degree measurement.
- Can be used as an indicator to mark parallel lines.
- With the angle scale, you can find a specific angle and mark it on the wood and quickly trace a dovetail, for example.
- Bright, engraved metric scales that are accurate and easy to read.
- Holes to determine the diameter of a drill bit or screw
- 3D Japanese square is widely used in furniture making, DIY, household, woodworking, by carpenters, roofers or joiners.
- Made of aluminum alloy, wear resistant.
- Ergonomic and comfortable design
- dimensions: 72 x 155 x 215 x 62 mm

CODE	CAT NO.
3-01-05-E1-607	PRO-PK607

## ALUMINUM ANGLE

AI			250 mm	300 mm	400 mm	500 mm
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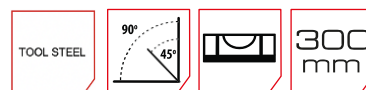


- Carpentry square made entirely of aluminum.
- Square length 250, 300, 400 or 500 mm.
- Durable, strong construction.
- Strong 3-point angle connection.
- The rigid angle section for easier accuracy check of the angle representation.
- Easy to read metric scale.
- Use as 90° and 45° angle.

CODE	CAT NO.	SIZE
3-01-05-E1-510	PRO-PK510	250mm
3-01-05-E1-511	PRO-PK511	300mm
3-01-05-E1-512	PRO-PK512	400mm
3-01-05-E1-513	PRO-PK513	500mm

# MEASURING DEVICES

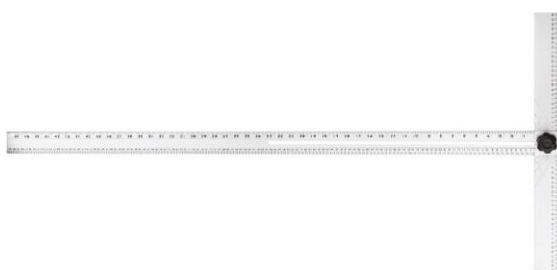
## ADJUSTABLE SQUARE



- Lightweight tool with steel and aluminum structure.
- Cased scriber.
- 1 vial - readings visible from all sides.
- Clear and durable graduation scale.
- Metric scale, double-sided.
- The square can be used as an angle gauge, depth and height measuring device.
- Gauge length 300 mm.
- It can measure 90° and 45°.
- The shorter side slides along the scale and can be locked with the built-in knob.
- Thumb screw for adjustment.
- A vial for auxiliary measurements.

CODE	CAT NO.
3-01-05-E1-501	PRO-PK501

## T-TYPE ADJUSTABLE SQUARE



- T-type square for plasterboards.
- Square length 1200 mm.
- Durable, strong construction.
- Marked angles allow to cut at any angle

CODE	CAT NO.
3-01-05-E1-202	PRO-PK202

## CARPENTRY ADJUSTABLE SQUARE



- Adjustable square with screw for precise angle adjustment.
- Comfortable and ergonomic handle made of durable ABS.
- The gauge is made of SS 201 stainless steel.
- Used in carpentry, roofing and general construction work.

CODE	CAT NO.	SIZE
3-01-05-E1-205	PRO-PK205	200mm
3-01-05-E1-206	PRO-PK206	250mm
3-01-05-E1-207	PRO-PK207	300mm



# MEASURING DEVICES

## ADJUSTABLE TEMPLATE



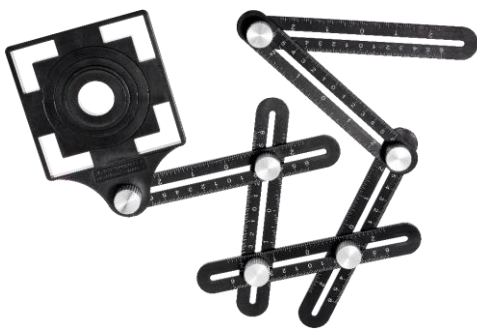
ABS	25x12 cm
-----	-------------

- Made of durable ABS.
- Measuring dimensions 25 × 12 cm.
- Screws for smooth and precise adjustment.
- Allows to transfer the square to any plane.
- Perfectly adapts to unusual shapes.

CODE	CAT NO.
3-01-05-E1-504	PRO-PK504

90

## ADJUSTABLE HEXAGONAL SQUARE WITH SLOTTED HOLES



AL	6 arms
----	--------

- Universal template marking tool. Accurately marks the place of the hole to be cut.
- Made of aluminum alloy, strong and durable in use. Scale clear, accurate and easy to read.
- Ideal for precise and accurate measurements. The 6 adjustable arms allow to create a custom template on any surface.
- Diameter (bore gauge): 75mm, 55mm, 45mm, 40mm, 25mm

### HOW TO USE ?

1. Place the tool on any surface and adjust to the desired shape or position to mark the hole location
2. Tighten the metal screws to secure the angle.
3. Use the shape/desired angle as a template
4. Once the template is complete, loosen the screws and fold it.

CODE	CAT NO.
3-01-05-E1-504	PRO-PK504

## ALUMINUM GAUGE



AI	300 mm	600 mm
----	-----------	-----------

- The gauge made of hardened aluminum.
- Measuring scale length 300 mm or 600 mm.
- Millimeter graduation permanently marked in black.
- Chamfered working edge for easy and precise reading.
- Hanging hole.

CODE	CAT NO.	SIZE
3-01-05-E1-221	PRO-PK221	300mm
3-01-05-E1-222	PRO-PK222	600mm

# MEASURING DEVICES

## TILE TEMPLATE WITH A MAGNET

250×30  
mm

125×30  
mm



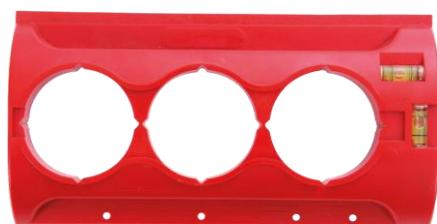
- The template allows you reflect the shapes easily and transfer them to the workpiece to determine the exact cutting line.
- For easy and accurate reading of shapes and transferring them to the workpiece.
- Designed for easy mapping of the target shape, drawing and cutting out, for example, a semicircle for a pipe or a frame shape.
- A contour-locking mechanism allows safe contour transfer and scribing on the workpiece.
- Durable plastic construction.
- Neodymium magnets allow the contour to be used on steel structures and during sheet metal and ironwork.

CODE	CAT NO.	SIZE
3-01-05-E1-611	PRO-PK611	205×30 mm
3-01-05-E1-610	PRO-PK610	125×30 mm

## TEMPLATE FOR CUTTING OUT HOLES

CONSTRUCTION  
MATERIAL

2  
VIALS



- Made of engineering plastic.
- Two level and verticality vials for auxiliary measurements.
- Precise positioning holes.

CODE	CAT NO.
3-01-26-AG-009	PRO-AG009

## MEASURING WHEEL "KOJAK"

φ  
320  
mm

99999,9  
m

ACCURACY  
1CM/50M

2  
kg



- The measuring wheel is intended to measure length in a straight line and along arc, for outdoor and indoor use.
- A wheel with a diameter 320 mm made of plastic covered with rubber.
- Counter housing made of stainless steel.
- Legs and stand made of carbon steel.
- Measuring range of the wheel 99999,9 m, with a measurement accuracy of 1 cm for every 50 m. The meter has a zero and lock function.
- It comes with a convenient and handy carrying case for easy transport and storage.
- The wheel can be folded.
- Weight: 2 kg.

TYPE	CODE	CAT NO.
Measuring wheel with carrying case	3-01-04-26-102	PRO-KP102
Cover for a measuring wheel	3-01-10-24-100	PRO-KP100

# JOINING TOOLS 07



# JOINING TOOLS

## FOAM GUNS

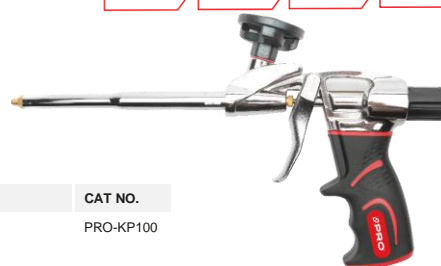
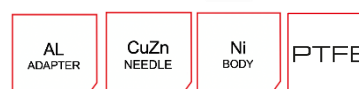
The installation foam gun is designed to apply single-component foam available in pressurized containers. The gun makes it easy to do jobs such as:

- sealing, installation of windows and doors,
- filling gaps in insulation,
- sealing and insulating partition walls
- insulation of walls and roofs.

Locking the gun with the flow control knob on the back of the tool, while the foam container is attached, allows the gun to be reused for up to 20 days without cleaning.

### FOAM GUN BT-01T

- Two-component handle.
- Ergonomic nickel-plated trigger.
- Teflon-coated, brass check valve.
- Teflon-coated copper needle.
- Teflon-coated aluminum adapter.
- Nickel-plated aluminum body.
- Ergonomic adjustment knob. Anti-dry foam system and adjustable spray rate.
- Nozzles for easy work in hard-to-reach places.
- Complete emptying of the foam container.
- No need to clean the gun for up to 20 days.
- Weight: 0.515 kg



CODE	CAT NO.
3-01-17-00-001	PRO-KP100

### FOAM GUN BT-02TDC

- Very lightweight construction.
- Two-component handle.
- Ergonomic Teflon-coated trigger.
- Teflon-coated, brass check valve.
- Teflon-coated, brass nozzle and needle.
- Teflon-coated aluminum adapter and body.
- Teflon-coated adjustment knob. Anti-dry foam system and adjustable spray rate.
- Nozzles for easy work in hard-to-reach places.
- Complete emptying of the foam container.
- No need to clean the gun for up to 20 days.
- Weight: 0.44 kg



CODE	CAT NO.
3-01-17-00-002	PRO-BT002

### FOAM GUN BT-03

- Two-component handle.
- Ergonomic nickel-plated trigger.
- Teflon-coated, brass check valve.
- Teflon-coated, brass needle.
- Aluminum adapter.
- Nickel-plated aluminum body.
- Ergonomic, precise adjustment knob. Anti-dry foam system and adjustable spray rate.
- Nozzles for easy work in hard-to-reach places.
- Complete emptying of the foam container.
- No need to clean the gun.
- No need to clean the gun and adapter for up to 20 days.
- Weight: 0.506 kg.



CODE	CAT NO.
3-01-17-00-003	PRO-BT003

# JOINING TOOLS

## FOAM GUN BT-04TDC-3R

- Teflon-coated body made of aluminum alloy.
- Teflon-coated brass nozzle, needle and check valve.
- Ergonomic Teflon-coated trigger and aluminum alloy Teflon-coated adapter.
- One-component ergonomic handle. Very lightweight construction.
- Teflon-coated precision adjustment sleeve.
- Anti-drying foam system.
- Ability to swivel the nozzle 30° in either direction for easy work in hard to reach areas. Adjustable jet intensity with a knob for one-handed operation.
- Complete emptying of the foam container.
- No need to clean the gun for up to 20 days.
- Weight: 0.505 kg

RECOMMENDED FOR FACADES	AL ADAPTER	CuZn NEEDLE	Ni BODY	PTFE
-------------------------	------------	-------------	---------	------



CODE	CAT NO.
3-01-17-00-004	PRO-BT004

## FOAM GUN BT-05

- One-component handle, ergonomic, nickel-plated trigger.
- Brass check valve. Teflon-coated brass needle.
- Teflon-coated aluminum adapter and powder-coated aluminum body. Ergonomic adjustment knob (SATE).
- Anti-dry foam system and adjustable spray rate.
- Additional bottom adapter to allow operation with large capacity cylinders.
- Complete emptying of the foam container. No need to clean the gun for up to 20 days.
- Comes with a screw and wrench to connect a large capacity foam container.
- Weight: 0.70 kg.

AL ADAPTER	CuZn NEEDLE	Ni BODY	PTFE
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CODE	CAT NO.
3-01-17-00-005	PRO-BT005

## FOAM GUN BT-06

- Teflon-coated body made of aluminum alloy. Brass nozzle (length 100cm) and Teflon-coated needle.
- Ergonomic Teflon-coated trigger. Teflon coated, brass check valve. Made of aluminum alloy, Teflon coated adapter. One-component ergonomic handle.

NOZZLE 100CM	AL ADAPTER	Ni BODY	PTFE
--------------	------------	---------	------



- Very lightweight construction. Teflon-coated precision adjustment sleeve.
- Anti-drying foam system. Nozzle can be tilted 30° in either direction. Spray rate adjustment.
- Complete emptying of the foam container. No need to clean the gun for up to 20 days. Weight: 0.90 kg

CODE	CAT NO.
3-01-17-00-006	PRO-BT006

## FOAM GUN BT-07

- Easy to use
- Nozzle made of nickel-plated brass (CuZn) and stainless steel (SS)
- Aluminum adapter with Teflon (PTFE) coating.
- Nickel-plated aluminum (Al) body.
- Ergonomic, precise adjustment knob, for 1-hand operation.
- Anti-drying foam system.
- Complete emptying of the foam container.
- Special barrel design to prevent foam from staying on the barrel - easy cleaning.
- Weight: 0.455 kg.

PTFE ADAPTER	AL BODY	CuZn SS NOZZLE
--------------	---------	----------------



CODE	CAT NO.
3-01-17-00-007	PRO-BT007

70

# JOINING TOOLS

## FOAM GUN BT-08T

- Two-component handle
- Ergonomic nickel-plated trigger.
- Teflon-coated copper check valve and needle
- Aluminum adapter.
- Nickel-plated aluminum body.
- Ergonomic, precise adjustment knob.
- Anti-drying foam system.
- Spray rate adjustment.
- Nozzles for easy work in hard-to-reach places.
- Complete emptying of the foam container.
- No need to clean the gun. Up to 20 days without cleaning the adapter.
- Weight: 0.31 kg.

PTFE

INTENSITY  
ADJUSTMENT



CODE	CAT NO.
3-01-17-00-012	PRO-BT012

## FOAM GUN BT-09PN

- Body and handle of structural plastic
- Equipped with a plastic knob that allows to adjust the volume of the foam stream.
- Application for sealing, setting windows, doors, window sills, filling holes, cracks in concrete, masonry, sealing the culverts for water and sewer pipes, etc.
- Weight: 0.195 kg.

INTENSITY  
ADJUSTMENT



CODE	CAT NO.
3-01-17-00-011	PRO-BT011

## GLUE GUNS

- Professional hot melt glue gun.
- Ergonomic housing made of ABS thermopolymer, resistant to high temperatures.
- The gun has a built-in fuse to prevent overheating and burning.
- Thanks to the temperature holding function, the gun draws about 50% less electricity from the mains once it has warmed up.
- Gun warm-up time is 3-5 min.
- The gun is equipped with two feet, one made of ABS plastic and the other made of steel. They allow to safely put the gun down while working.

3-5  
min

ABS



CODE	CAT NO.	TYPE
3-01-18-00-01	PRO-GG001	30W 7mm
3-01-18-00-004	PRO-GG004	100W 11mm

## HOT-MELT TRANSPARENT GLUE

- Professional hot melt cartridge for glue guns.
- Package contains 10 pieces or 1 kg.
- 7mm or 11mm diameter adhesive.
- Softening point  $\geq 88^{\circ}\text{C}$ .
- Operating temperature 120-180 $^{\circ}\text{C}$ .

$\varnothing$  7mm  
 $\varnothing$  11mm

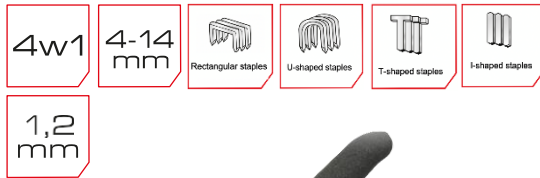
CODE	CAT NO.	DIAMETER	NUMBER
3-01-18-00-021	PRO-GS001	7mm	10 pcs
3-01-18-00-022	PRO-GS002	11mm	10 pcs
3-01-18-00-025	PRO-GS005	11mm	1 kg



# JOINING TOOLS

## UPHOLSTERY STAPLER

### UPHOLSTERY STAPLER BZ-01W



- The upholstery stapler is designed to join elements using staples of different sizes and lengths.
- It is used to fix wood, aluminum, carpet, upholstery, leather, drywall, fiberboard, laminate flooring, MDF, PVC and many other materials.
- 4-in-1 function (4 different types of staples).
- Made entirely of high-grade steel.
- Non-slip grip.
- Adjustment of driving force.
- Anti-jamming system.
- Durable chrome finish.
- Easy and quick staple refill.
- Compatible with G (4/11/140) and J (8/300/E) staples.

#### UPHOLSTERY STAPLER TYPE BZ-01W

Staple length:	4 mm to 14 mm (5/32"-9/16")
For use with:	film, cardboard, paper, fabric, board, etc.
Tray capacity (pcs.):	124
Type of work:	Manual
Type of staples:	rectangular and letter-shaped: T, U, I
Staple thickness / width:	1.2 mm / 10.6 - 11.3 mm
Weight (kg):	0.5
Dimensions L × W × H (mm):	160 × 140 × 27
Force adjustment:	adjusting screw

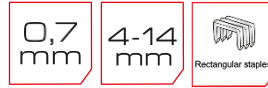
#### SET:

- Upholstery stapler;
- Operating manual;
- Case;
- Staples type I 1.2 × 10 mm - 500 pcs;
- Staples type U 6.2 × 12 mm - 500 pcs;
- Staples, rectangular 1.2 × 8 mm - 500 pcs.



CODE	CAT NO.
3-01-09-ZT-001	PRO-BZ001

### UPHOLSTERY STAPLER BZ-02W



- Upholstery stapler is designed to join elements using staples of different sizes and lengths.
- It is used to fix wood, aluminum, carpet, upholstery, leather, drywall, fiberboard, laminate flooring, MDF, PVC and many other materials.
- Made entirely of high-grade steel.
- Non-slip grip.
- Adjustment of driving force.
- Anti-jamming system.
- Durable chrome finish.
- Easy and quick staple refill.
- Compatible with A (5/53/530) staples.

#### UPHOLSTERY STAPLER TYPE BZ-02W

Staple length:	4 mm to 14 mm (5/32"-9/16")
For use with:	film, cardboard, paper, fabric, board, etc.
Tray capacity (pcs.):	124
Type of work:	manual
Staple type:	rectangular
Staple thickness / width:	0.7 mm / 11.3 mm
Weight (kg):	0.5
Dimensions L × W × H (mm):	160 × 140 × 27
Force adjustment:	adjusting screw

#### SET:

- Upholstery stapler;
- Operating manual;
- Case;
- Square staples 0.7 × 8 mm - 3 × 500 pcs.



CODE	CAT NO.
3-01-09-ZT-002	PRO-BZ002

# JOINING TOOLS

## UPHOLSTERY STAPLER

BZ-04-LD



- Lightweight upholstery stapler designed to join elements with staples of various sizes and lengths.
- Suitable for soft wood, aluminum, plasterboard, MDF, PVC, assembly of carpets, rugs, upholstery, leather and many other materials.
- Made of ABS (thermopolymer).
- Durable steel handle.
- Compatible with staples from 6 to 10mm high and 0.7mm thick.
- Includes 800 rectangular staples.
- Easy and quick staple refill.

### UPHOLSTERY STAPLER TYPE BZ-04-LD

Staple length: from 6 mm to 10 mm

For use with: soft wood, aluminum, paper, board

Tray capacity (pcs.): 100 Tray capacity (pcs.):

Type of work: manual

Staple type: rectangular Staple type: rectangular

Staple thickness / width: 0.7mm

Weight (kg): 0.18

Dimensions L x W x H (mm): 150 x 185 x 25

### SET:

- Upholstery stapler;
- Square staples 0.7 mm - 800 pcs.

CODE	CAT NO.
3-01-09-ZT-006	PRO-BZ006

## UPHOLSTERY STAPLER ABS

BZ-05-LD



- The lightweight upholstery stapler is designed to connect elements with staples of different sizes and lengths.
- Suitable for soft wood, aluminum, plasterboard, MDF, PVC, assembly of carpets, rugs, upholstery, leather and many other materials.
- Made entirely of high impact ABS (thermopolymer) that is resistant to damage.
- Equipped with a special belt holder or pocket.
- Compatible with staples from 4 to 8mm high and 0.7mm thick.
- Includes 200 rectangular staples.

### UPHOLSTERY STAPLER TYPE BZ-05-LD

Staple length: from 4 mm to 8 mm

For use with: soft wood, aluminum, fabric, board, etc.

100

Type of work: manual

Staple thickness / width: 0.7mm

Weight (kg): 0.26

Dimensions L x W x H (mm): 155 x 95 x 25

### SET:

- Upholstery stapler;
- Square staples 0.7 mm - 200 pcs.

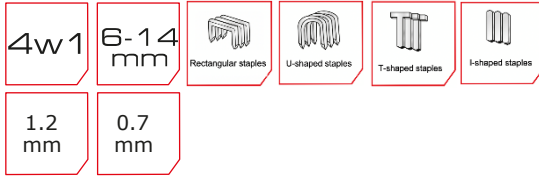
CODE	CAT NO.
3-01-09-ZT-007	PRO-BZ007



# JOINING TOOLS

## UPHOLSTERY STAPLER

**BZ-03WHD**



- The upholstery stapler is designed to join elements using staples of different sizes and lengths.
- It is used to work in wood, aluminum and to attach carpets, rugs, upholstery, leather, drywall, fiberboard, MDF, PVC and many other materials.
- 4-in-1 function (4 different types of staples).
- Made entirely of high-grade steel.
- Non-slip grip.
- Adjustment of driving force (switch).
- Anti-jamming system.
- Easy and quick staple refill.
- Compatible with staples from 6 to 14 mm.

### UPHOLSTERY STAPLER TYPE BZ-03WHD

Staple length: 6 mm to 14 mm

For use with: film, cardboard, paper, fabric, board, etc.

Tray capacity (pcs.): 124

Type of work: manual

Type of staples: rectangular and letter-shaped: T, U

Staple thickness / width: P: 0.7 - 1.2 / 10.6 - 11.3; T: 2, U: 7.5

Weight (kg): 0.65

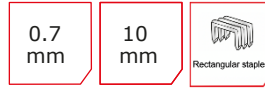
Dimensions L x W x H (mm): 185 x 110 x 35

Force control: switch

CODE	CAT NO.
3-01-09-ZT-004	PRO-BZ004

## HAMMER STAPLER

**BZ-10W**



- The hammer stapler is designed to join elements using staples of different sizes and lengths.
- It is used to work in wood, aluminum and to attach carpets, rugs, upholstery, leather, drywall, fiberboard, MDF, PVC and many other materials.
- Made entirely of high-grade steel.
- Non-slip, 2-component handle.
- Anti-jamming system.
- Durable chrome finish.
- Easy and quick staple refill.
- Compatible with 0.7mm thick/10mm long rectangular staples.

### HAMMER STAPLER TYPE BZ-10W

Staple length: 10mm

For use with: film, cardboard, paper, fabric, board, etc.

Tray capacity (pcs.): 100

Type of work: manual

Type of staples: rectangular

Staple thickness / width: 0.7 mm / 10 mm

Weight (kg): 0.47

Dimensions L x W x H (mm): 300 x 30 x 45

Force control: none

CODE	CAT NO.
3-01-09-ZT-003	PRO-BZ003

# JOINING TOOLS

## HAMMER STAPLER

BZ-10W-P



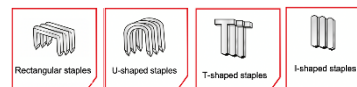
- The hammer stapler is designed to join elements using staples of different sizes and lengths.
- It is used to work in wood, aluminum and to attach carpets, rugs, upholstery, leather, drywall, fiberboard, MDF, PVC and many other materials.
- Upholstery, leather, drywall, fiberboard, MDF, PVC and many other materials.
- Non-slip, 2-component handle.
- Anti-jamming system.
- Durable chrome finish.
- Easy and quick staple refill.
- Compatible with rectangular staples 1.2mm thick / 10mm long.

### UPHOLSTERY STAPLER TYPE BZ-01W

Staple length:	from 6 mm to 10 mm
For use with:	soft wood, aluminum, paper, board
Tray capacity (pcs.):	100
Operation type:	manual BZZ-T14
Staple type:	rectangular
Staple thickness / width:	1.2 / 10 mm
Weight (kg):	0.18
Dimensions L x W x H (mm):	150 x 185 x 25
Force adjustment:	no

CODE	CAT NO.
3-01-09-ZT-005	PRO-BZ005

## STAPLES



Galvanized steel staples in four different shapes: rectangular, U-type, T-type and I-type.



### RECTANGULAR STAPLES BZZ-P

TYPE	CODE	CAT NO.	LENGTH	DIMENSIONS	Q. IN PCKG
BZZ-P6-10	3-01-09-ZZ-001	PRO-ZZ001	6mm	1.2 x 10.6 x 6	1000
BZZ-P8-10	3-01-09-ZZ-002	PRO-ZZ002	8mm	1.2 x 10.6 x 8	1000
BZZ-P10-10	3-01-09-ZZ-003	PRO-ZZ003	10mm	1.2 x 10.6 x 10	1000
BZZ-P6-11	3-01-09-ZZ-004	PRO-ZZ004	6mm	0.7 x 11.3 x 6	1000
BZZ-P8-11	3-01-09-ZZ-005	PRO-ZZ005	8mm	0.7 x 11.3 x 8	1000
BZZ-P10-11	3-01-09-ZZ-006	PRO-ZZ006	10mm	0.7 x 11.3 x 10	1000
BZZ-P12-11	3-01-09-ZZ-007	PRO-ZZ007	12mm	0.7 x 11.3 x 12	1000
BZZ-P14-11	3-01-09-ZZ-008	PRO-ZZ008	14mm	0.7 x 11.3 x 14	1000

### STAPLES TYPE U BZZ-U

TYPE	CODE	CAT NO.	LENGTH	Q. IN PCKG
BZZ-U12-6	3-01-09-ZZ-009	PRO-ZZ009	12mm	1000
BZZ-U14-6	3-01-09-ZZ-010	PRO-ZZ010	14mm	1000
BZZ-U12-7,5	3-01-09-ZZ-013	PRO-ZZ013	12mm	500

### STAPLES TYPE T BZZ-T

TYPE	CODE	CAT NO.	LENGTH	Q. IN PCKG
	3-01-09-ZZ-011	PRO-ZZ011	14mm	1000

### STAPLES TYPE I BZZ-I

TYPE	CODE	CAT NO.	LENGTH	Q. IN PCKG
BZZ-I14	3-01-09-ZZ-012	PRO-ZZ012	14mm	1000

# JOINING TOOLS

## LEVER RIVETER



CODE	CAT NO.
3-01-19-NT-103	PRO-NT103

AL BODY	STEEL HANDLE	3 CrMo JAWS	2.4-6.4 mm	300mm
---------	--------------	-------------	------------	-------

- The two-handed riveter is designed for service work, mainly for joining together profiles made of different materials.
- It has a patented, very robust and strong design made of aluminum, while the handle is made of carbon steel.
- The shock-resistant design eliminates vibration on the handle from the impact created when a rivet breaks.
- Three-piece puller jaws made of CrMo chrome molybdenum alloy steel for long service life.
- The special feature is the way of fixing the rivets and the easy resizing of the fixing heads, which does not require additional wrenches.
- Ergonomic handle with 3 mm wall thickness for easy handling and extended life.
- Handle with double hinges to increase leverage during rivet breakage.
- Maximum working stroke 9 mm, effective stroke 7 mm.
- Designed for large range of breakout rivets from 2.4 to 6.4 mm.
- Equipped with five types of tips, selected according to the type of rivets: 2.4 (3/32"); 3.2 (1/8"); 4.0 (5/32"); 4.8 (3/16"); 6.4 (1/4").
- Works with rivets made of stainless steel, steel, copper and aluminum.
- The broken rivet pins go into a container between the riveting machine arms.
- Weight 1,200 g

70

## RIVET NUT DRIVER



CODE	CAT NO.
3-01-19-NT-105	PRO-NT105

AL BODY	STEEL HANDLE	20% LESS EFFORT	M3, M4 M5, M6	200mm
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- One-handed riveting machine with four adapter sets for each size of rivet nut.
- It has a patented, very robust and strong design made of aluminum, while the handle is made of carbon steel, which saves 20% of energy during operation.
- Shockproof design eliminates vibration on the handle from the impact created during work.
- For crimping the threaded sleeve on thin-walled parts with simultaneous joining.
- Ergonomic handle with 2.5 mm wall thickness for easy handling and extended life.
- Maximum working stroke 9 mm, effective stroke 7 mm.
- Equipped with four types of tips, selected according to the size of the rivet nuts: M3, M4, M5, M6.
- Weight 500.

# JOINING TOOLS

## HAND RIVETER



CODE	CAT NO.
3-01-19-NT-001	PRO-NT001

AL BODY	CARBON STEEL HANDLE	3 CrMo JAWS	260 mm	φ [mm] 2,4; 3,2; 4,0; 4,8
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- The hand riveter is designed for service work, mainly for joining together profiles made of different materials.
- It has a patented solid aluminum structure and a carbon steel handle.
- The shock-resistant design eliminates vibration on the handle from the impact created when a rivet breaks.
- Three-piece puller jaws made of CrMo chrome molybdenum alloy steel for long life.
- An ergonomically designed handle with 2.5 mm wall thickness for easy handling and extended life.
- Maximum working stroke 7 mm, effective stroke 5-6 mm.
- Designed for large range of breakout rivets from 2.4 to 4.8 mm.
- The small size of the riveter allows it to be used in hard to reach places.
- Equipped with four types of tips, selectable depending on the type of rivet: 2.4 (3/32"); 3.2 (1/8"); 4.0 (5/32"); 4.8 (3/16").
- Works with rivets made of stainless steel, steel, copper and aluminum.
- Weight 500 g

## HAND RIVETER



CODE	CAT NO.
3-01-19-NT-102	PRO-NT102

AL BODY	STEEL HANDLE	3 CrMo JAWS	2.4- 4.8	200m
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- The hand riveter is designed for service work, mainly for joining together profiles made of different materials.
- It has a solid structure made of aluminum, while the handle is made of carbon steel.
- The shock-resistant design eliminates vibration on the handle from the impact created when a rivet breaks.
- Three-piece puller jaws made of CrMo chrome molybdenum alloy steel for long life.
- An ergonomically designed handle with 2.5 mm wall thickness for easy handling and extended life.
- Maximum working stroke 7 mm, effective stroke 5-6 mm.
- Designed for large range of breakout rivets from 2.4 to 4.8 mm.
- The small size of the riveter allows it to be used in hard to reach places.
- Equipped with four types of tips, selectable depending on the type of rivet: 2.4 (3/32"); 3.2 (1/8"); 4.0 (5/32"); 4.8 (3/16").
- Works with rivets made of stainless steel, steel, copper and aluminum.
- Weight 500 g

## BLIND RIVETS



Al	50 PCS.
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- Made of aluminum.
- Packaging with 50 pieces.

TYPE	CATALOG NUMBER	CAT NO.	DIMENSIONS	QUANTITY IN PACKAGING
BII-32-064	3-01-19-NI-001	PRO-NT011	3.2 × 6.4	50
BII-40-096	3-01-19-NI-002	PRO-NT012	4.0 × 9.6	50
BII-40-127	3-01-19-NI-003	PRO-NT013	4.0 × 12.7	50
BII-48-096	3-01-19-NI-004	PRO-NT004	4.8 × 9.6	50
BII-48-127	3-01-19-NI-005	PRO-NT005	4.8 × 12.7	50

# JOINING TOOLS

## CAULKING GUNS

### PLASTIC CAULKING GUN BW-1P



CODE	CAT NO.
3-01-15-01-013	PRO-BW013

NON-DRIPPING	STRUCTURAL PLASTIC	360 mm	300 ml
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- Very strong and lightweight structural plastic.
- Ergonomic, soft and comfortable handle.
- Hardened piston.
- Knife for opening the tray
- Thruster pin.
- For lightweight materials.
- The no-drip system

### INDUSTRIAL PLASTIC CAULKING GUN BW-2P



CODE	CAT NO.
3-01-15-01-014	PRO-BW014

PLASTIC STRUCTURE	360 mm	300 ml
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- Very strong and lightweight structural plastic.
- Ergonomic, soft and comfortable handle.
- Hardened piston.
- For light compounds (silicones, acrylics).

### CAULKING GUN BW-071HD



CODE	CAT NO.
3-01-15-01-409	PRO-BW409

CAP Al	Al	350 mm	310 ml
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- Durable aluminum alloy body structure.
- Reinforced aluminum alloy cap.
- Perfectly fitted trigger mechanism. Ergonomic aluminum handle.
- Rotating bearing. Round piston cross-section.
- Overall length 350 mm (with retracted piston). For use with 300 ml containers
- Weight 577 g

### CAULKING GUN BW-072HD



CODE	CAT NO.
3-01-15-01-410	PRO-BW410

CAP Al	Al	490 mm	600 ml
--------	----	--------	--------

- Durable aluminum alloy body structure.
- Reinforced aluminum alloy cap.
- Perfectly fitted trigger mechanism. Ergonomic aluminum handle.
- Rotating bearing. Round piston cross-section.
- Overall length 490 mm (with retracted piston). For use with 600 ml containers.
- Weight 680 g

### INDUSTRIAL PLASTIC TUBE CAULKING GUN BW-71P



CODE	CAT NO.
3-01-15-01-015	PRO-BW015

A3	Al	A6+30%G	600 ml
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- Durable structure made of PA6+30%GF plastic.
- Caps made of aluminum.
- Piston made of A3 galvanized steel.
- Built-in dispenser cutter and needle for tray unclogging.
- Tray capacities up to 600 ml.

70

# JOINING TOOLS

## CYLINDRICAL CAULKING GUN

### CAULKING GUN BW-01



CODE	CAT NO.
3-01-15-01-401	PRO-BW401

- Steel body.
- Gear ratchet mechanism.
- Circular piston section.
- Thruster pin.
- Handle covered with non-slip material.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 520 g



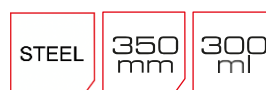
## SKELETON CAULKING GUN

### CAULKING GUN BW-02



CODE	CAT NO.
3-01-15-01-402	PRO-BW402

- Steel body.
- Ratchet mechanism.
- Hexagonal piston cross-section.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 297 g



### CAULKING GUN BW-03



CODE	CAT NO.
3-01-15-01-403	PRO-BW403

- Steel body, reinforced.
- Ratchet mechanism with drip protection.
- Hexagonal piston cross-section.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 395 g

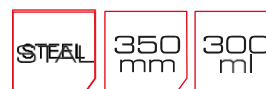


### CAULKING GUN BW-04



CODE	CAT NO.
3-01-15-01-404	PRO-BW404

- Steel body, reinforced.
- Ratchet mechanism.
- Hexagonal piston cross-section.
- Thruster pin.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 375 g



# JOINING TOOLS

## CAULKING GUNS FOR MODELING PASTES

AI 350 mm 300 ml

### CAULKING GUN BW-05



CODE	CAT NO.
3-01-15-01-405	PRO-BW405

- Durable, reinforced body structure.
- Perfectly fitted trigger mechanism.
- Ergonomic aluminum handle.
- Steel piston and rotating bearing.
- Round piston cross-section.
- Thruster pin.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 640 g

### CAULKING GUN BW-06

AI 350 mm 300 ml



CODE	CAT NO.
3-01-15-01-406	PRO-BW406

- Durable body structure.
- Perfectly fitted trigger mechanism.
- Ergonomic aluminum handle.
- Steel piston and rotating bearing.
- Round piston cross-section.
- Thruster pin.
- Overall length 350 mm (with retracted piston).
- For use with 300 ml containers.
- Weight 560 g

70

## CYLINDRICAL CAULKING GUNS

### CAULKING GUN

PISTON ø55 AI 360 mm 380 ml



CODE	CAT NO.
3-01-15-01-412	PRO-BW412

- Reinforced steel body.
- Double guide for precise piston guidance.
- Wide piston pusher to handle dense materials.
- Ergonomic piston grip.
- Piston lock.
- Aluminum alloy handle.
- Total length 360mm (with piston inserted).
- For use with containers up to 380ml.
- Piston diameter 55mm

### CAULKING GUN BW-08

STEEL 360 mm 300 ml



CODE	CAT NO.
3-01-15-01-411	PRO-BW411

- Reinforced steel body.
- Double guide for precise piston guidance.
- Wide piston pusher to handle dense materials.
- Ergonomic piston grip.
- Piston lock.
- Aluminum alloy handle.
- Overall length 360 mm (with retracted piston).
- For use with 300 ml containers.
- Standard piston diameter
- Weight 892 g

# JOINING TOOLS

## CAULKING GUN BW-10B

Al	365 mm	310 ml
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CODE	CAT NO.
3-01-15-01-301	PRO-BW301

- Durable body structure.
- Perfectly fitted trigger mechanism.
- Durable trigger mechanism - 1 cm thick.
- Ergonomic aluminum handle.
- Steel piston and rotating steel bearing.
- Round piston cross-section.
- Overall length 365 mm (with retracted piston).
- For use with containers up to 310ml.

## CAULKING GUN BW-11BHD

Mg STEEL	360 mm	345 ml
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CODE	CAT NO.
3-01-15-01-302	PRO-BW302

- Reinforced AM60 lightweight magnesium steel body and handle.
- A piston coupled to a guide to stabilize the tray.
- Hardened piston and heavy duty 9mm trigger mechanism.
- Ergonomic piston and stabilizer grip.
- Piston lock.
- Overall length 360 mm (with retracted piston).
- For use with containers up to 345ml.

## APPLICATOR TIP FOR CAULKING GUN BWK-07



CODE	CAT NO.
3-01-15-01-102	PRO-BW102

- Replacement tip for sealant caulking guns.

## REPAIR KIT FOR HD TUBE CAULKING GUNS

Al	PLASTIC
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CODE	CAT NO.
3-01-15-01-421	PRO-BW421

- The repair kit includes: aluminum cap, plastic pressure plate, application tip.



JOINING TOOLS

08



# CONSTRUCTION TOOLS

## STIRRERS FOR PAINTS, MORTARS, PLASTERS, COMPOUNDS



### STIRRER BX-01



- Double helix stirrer, for heavy and dense materials.
- M14 thread attachment.
- Aeration stirrer.

TYPE	BX-01-04	BX-01-05
length	600mm	600mm
diameter	120mm	135mm
material amount	15-25kg	15-30kg
code	3-01-15-00-101	3-01-15-00-102
CAT NO.	PRO-BX101	PRO-BX102

### STIRRER BX-02



- Double helix stirrer for paints, mortars and mixtures.
- Hex mount.
- Aeration stirrer.

TYPE	BX-02-02	BX-02-03
length	400mm	400mm
diameter	70mm	90mm
material amount	5-10kg	5-10kg
code	3-01-15-00-103	3-01-15-00-104
CAT NO.	PRO-BX103	PRO-BX104



### STIRRER BX-03



- Spiral stirrers for paints, gypsum, plaster and mortar.
- Hex mount.
- Aeration mixer.

TYPE	BX-03-01	BX-03-02	BX-03-03
length	320 mm	400 mm	500 mm
diameter	60mm	80mm	90mm
material amount	4-7kg	4-9kg	6-18kg
code	3-01-15-00-105	3-01-15-00-106	3-01-15-00-107
CAT NO.	PRO-BX105	PRO-BX106	PRO-BX107



### STIRRER BX-05



- Basket stirrer with stiffening, for paints, varnishes and mortars.
- Hex mount.
- It does not aerate the materials.



TYPE	BX-05-03
length	600 mm
diameter	100mm
material amount	10-25kg
code	3-01-15-00-109
CAT NO.	PRO-BX109

# CONSTRUCTION TOOLS

## STIRRER BX-06



- Basket stirrer for paints, gypsum, screed and mortar.
- Hex mount.
- The stirrer does not aerate the materials.

TYPE	BX-06-01	BX-06-02	BX-06-03
length	400 mm	470 mm	
diameter	60mm	80mm	100mm
material amount	up to 5kg 10-20kg 10-20kg		
code	3-01-15-00-110	3-01-15-00-111	3-01-15-00-112
CAT NO.	PRO-BX110	PRO-BX111	PRO-BX112

## STIRRER BX-07



- Double helix stirrer for mortar and grout.
- SDS mount.
- Aeration stirrer.

TYPE	BX-07-02	BX-07-03	BX-07-04
length	400 mm	600 mm	600 mm
diameter	80mm	100mm	120mm
material amount	5-10kg	10-20kg	15-25kg
code	3-01-15-00-114	3-01-15-00-115	3-01-15-00-116
CAT NO.	PRO-BX114	PRO-BX115	PRO-BX116

80

## STIRRER BX-08



- Basket stirrers for adhesives and plaster.
- SDS mount.
- It does not aerate the materials.

TYPE	BX-08-01	BX-08-02	BX-08-03
length	400mm	400mm	400mm
diameter	60mm	80mm	100mm
material amount	5-10kg	10-20kg	10-20kg
code	3-01-15-00-117	3-01-15-00-118	3-01-15-00-119
CAT NO.	PRO-BX117	PRO-BX118	PRO-BX119

## STIRRER BX-09



- Paint stirrer.
- Galvanized.
- Fixed by a round bar  $\phi$  6.
- Aeration stirrer.

TYPE	BX-09-01	BX-09-02	BX-09-03
length	320 mm	400 mm	500 mm
diameter	60mm	80mm	100mm
material amount	up to 5kg	5-10kg	10-25kg
code	3-01-15-00-121	3-01-15-00-122	3-01-15-00-123
CAT NO.	PRO-BX121	PRO-BX122	PRO-BX123

# CONSTRUCTION TOOLS

## TROWELS

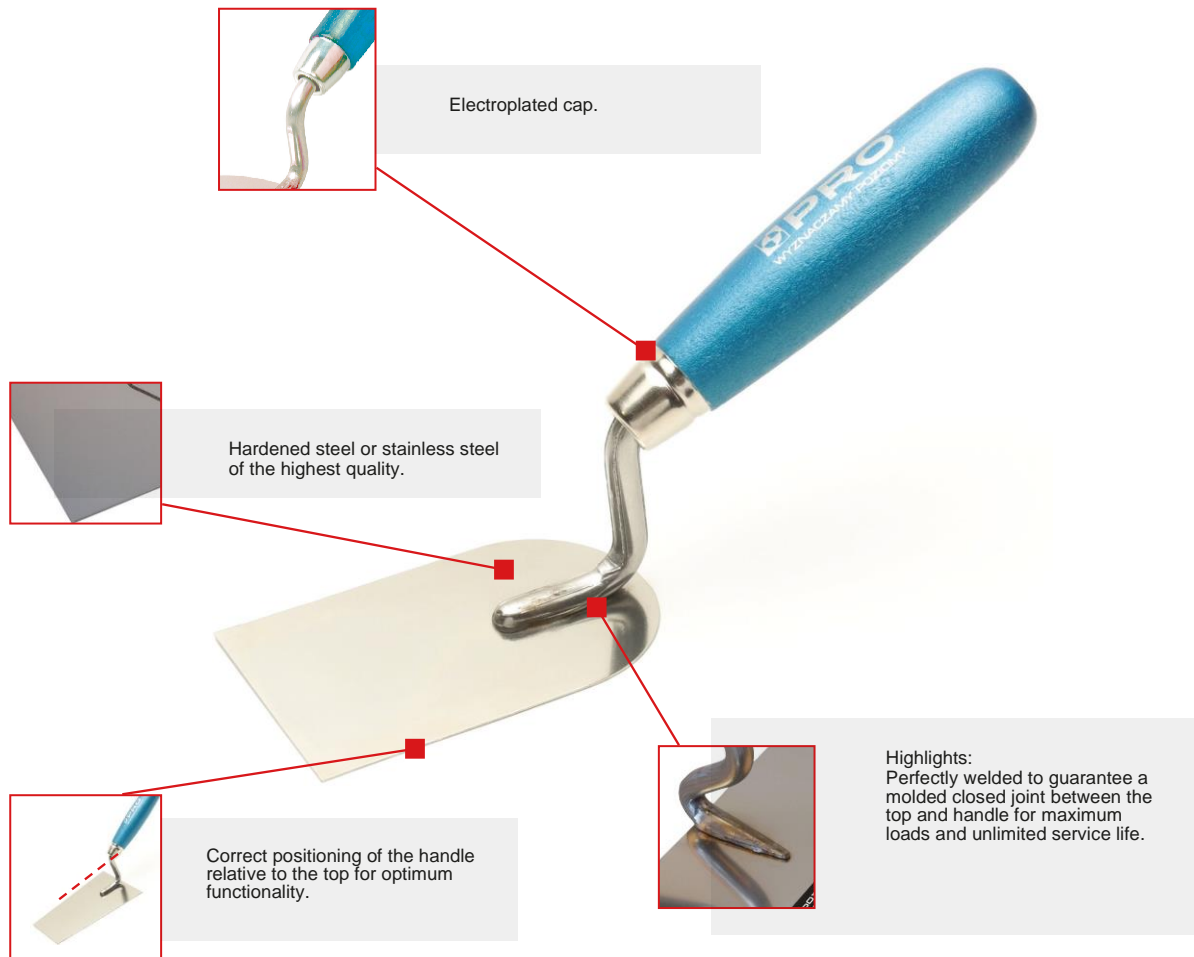
- Trowels are construction tools used to apply and spread mortar.
- They can also be used during manual plastering to spread mortar.
- There are triangular trowels, trapezoidal trowels and stucco trowels for specialized, precision work such as grouting or filling joints in brick.

### CHARACTERISTICS OF A GOOD PRO TROWEL

- PRO trowels are made of hardened steel and stainless steel
- They have an electroplated cap.
- Perfect welding ensures a molded, closed joint between the top and handle for maximum loads and unlimited life.
- Correct positioning of the handle relative to the top ensures optimal functionality.
- Trowels are manufactured in accordance with DIN 6440, DIN 6441, DIN 6397 and DIN 7253.

### HIGH QUALITY MARK

- Stainless steel top and bail, clean welded, 0.7mm and 1mm thick.
  - Glossy top layer.
  - Special round weld.
  - Galvanized cap on top.
  - Blue metallic coated hardwood handle or 2-component handle.
- 
- Steel top, oil-hardened and elastically ground, bail and top clearly welded, 1.4 mm thick.
  - Bail and top finished with a special round weld.
  - Galvanized cap.
  - Blue metallic coated hardwood handle or 2-component handle.



# CONSTRUCTION TOOLS

## STUCCO TROWELS

PRO-BK000, PRO-BK001, PRO-BK002, PRO-BK003



0,7 mm  
WOOD

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-000	PRO-BK000	wood	100 x 60 mm	0.7mm
3-01-07-01-001	PRO-BK001	wood	128 x 80 mm	0.7mm
3-01-07-01-002	PRO-BK002	wood	128 x 100 mm	0.7mm
3-01-07-01-003	PRO-BK003	wood	128 x 120 mm	0.7mm

PRO-BK004, PRO-BK005, PRO-BK006



1,4 mm  
WOOD

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-004	PRO-BK004	wood	125 x 80 mm	1.4mm
3-01-07-01-005	PRO-BK005	wood	125 x 100 mm	1.4mm
3-01-07-01-006	PRO-BK006	wood	125 x 120 mm	1.4mm

PRO-BK014, PRO-BK015, PRO-BK016



0,7 mm  
2 COMPONENT

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-007	PRO-BK007	wood	100 x 60 mm	0.7mm
3-01-07-01-008	PRO-BK008	wood	128 x 80 mm	0.7mm
3-01-07-01-009	PRO-BK009	wood	128 x 100 mm	0.7mm
3-01-07-01-010	PRO-BK010	wood	128 x 120 mm	0.7mm

PRO-BK011, PRO-BK012 PRO-BK013



1,4 mm  
2 COMPONENT

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-011	PRO-BK011	2-component	125 x 80 mm	1.4mm
3-01-07-01-012	PRO-BK012	2-component	125 x 100 mm	1.4mm
3-01-07-01-13	PRO-BK013	2-component	125 x 120 mm	1.4mm

## TRAPEZOIDAL PLASTER TROWELS

PRO-BK014, PRO-BK015, PRO-BK016



1 mm  
WOOD

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-14	PRO-BK014	wood	140 x100x70 mm	1mm
3-01-07-01-015	PRO-BK015	wood	160x115x75 mm	1mm
3-01-07-01-016	PRO-BK016	wood	180x120x80 mm	1mm

# CONSTRUCTION TOOLS

PRO-BK017, PRO-BK018



1,4  
mm

WOOD

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-017	PRO-BK017	wood	160 × 115 × 75 mm	1.4 mm
3-01-07-01-018	PRO-BK018	wood	180 × 120 × 80 mm	1.4mm

## TRAPEZOIDAL BRICK TROWELS

PRO-BK019, PRO-BK020



1  
mm

2  
COMPONENT

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-019	PRO-BK019	2-component	160 × 115 × 75 mm	1 mm
3-01-07-01-020	PRO-BK020	2-component	180 × 120 × 80 mm	1mm

## TRIANGULAR TROWELS



1,4  
mm

WOOD

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-021	PRO-BK021	wood	180 × 170 mm	1.4mm
3-01-07-01-022	PRO-BK022	wood	220 × 210 mm	1.4mm

## FLOATS

- Smooth trowels with a metal top are used for application of plaster, e.g. gypsum plaster, adhesives (carpet, nonwoven, cork flooring, styrofoam insulation). Come with a stainless steel top with 2-component and wooden handle.
- Top thickness 0,6mm or 0,7mm.
- Structure floats are used for grinding, smoothing, applying and floating of plasters, finishing coats, mortars and adhesives.
- Floats are used for applying and spreading floor and wall covering adhesives, as well as tiles. Teeth sizes 6x6, 8x8 are used for smaller tiles, while 10x10 are used for large tiles with side lengths over 30 cm.
- Floats with sponge or special rubber backing are used for tiling work, and can also be used for plastering work.
- The floats are manufactured in accordance with DIN 6440, DIN 6441, DIN 6397 and DIN 7253.

# CONSTRUCTION TOOLS

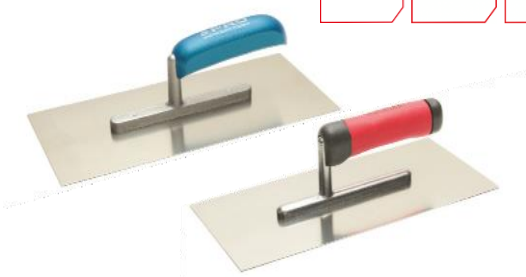
## PLASTER FLOATS

PRO-PC100, PRO-PC104

0,7  
mm

2  
COMPONENT

WOOD



- For the application of gypsum plaster and mortars and adhesives.
- Working part made of stainless steel.
- Ergonomic wooden or two-component handle.

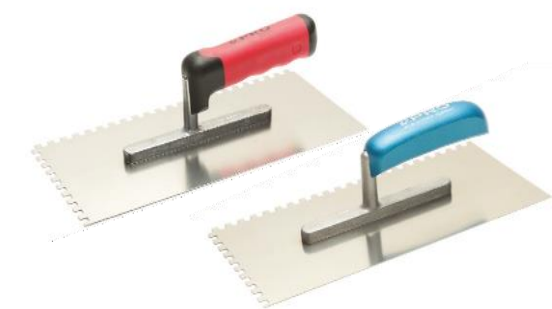
CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-100	PRO-PC100	wood	280 × 130mm	0.7mm
3-01-07-01-104	PRO-PC104	2-component	280 × 130 mm	0.7mm

PRO-PC101, PRO-PC102, PRO-PC103, PRO-PC105, PRO-PC106, PRO-PC107, PRO-PC324, PRO-PC327

0,6  
mm

2  
COMPONENT

WOOD



- For applying and spreading adhesive mortars.
- Various tooth dimensions.
- Working part made of stainless steel.
- Ergonomic wooden or two-component handle.

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-101	PRO-PC101	wood	280 × 130mm 6 × 6mm	0.7mm
3-01-07-01-102	PRO-PC102	wood	280 × 130mm 8 × 8mm	0.7mm
3-01-07-01-103	PRO-PC103	wood	280 × 130mm 10 × 10mm	0.7mm
3-01-07-01-105	PRO-PC105	2-component	280 × 130mm 6 × 6mm	0.7mm
3-01-07-01-106	PRO-PC106	2-component	280 × 130mm 8 × 8mm	0.7mm
3-01-07-01-107	PRO-PC107	2-component	280 × 130mm 10 × 10mm	0.7mm
3-01-07-01-324	PRO-PC324	wood	280 × 130mm 12 × 12mm	0.7mm
3-01-07-01-327	PRO-PC327	2-component	280 × 130mm 12 × 12mm	0.7mm

PRO-PC011, PRO-PC112, PRO-PC114, PRO-PC115, PRO-PC116

0,7  
mm

WOOD



- For the application of gypsum plaster, adhesives and mortars and insulation work.
- Various teeth dimensions.
- Working part made of stainless steel.
- Beechwood handle.

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKN.
3-01-07-01-111	PRO-PC111	wood	380 × 130mm 8 × 8mm	0.7mm
3-01-07-01-112	PRO-PC112	wood	380 × 130mm 10 × 10mm	0.7mm
3-01-07-01-114	PRO-PC114	wood	480 × 130mm 8 × 8mm	0.7mm
3-01-07-01-115	PRO-PC115	wood	480 × 130mm 10 × 10mm	0.7mm
3-01-07-01-116	PRO-PC116	wood	580 × 130 mm	0.7mm

PRO-PC110, PRO-PC113

0,7  
mm

WOOD



- For the application of gypsum plaster, adhesives and mortars and insulation work.
- Working part made of stainless steel.
- Beechwood handle.

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKNESS
3-01-07-01-110	PRO-PC110	wood	380 × 130 mm	0.7 mm
3-01-07-01-113	PRO-PC113	wood	480 × 130 mm	0.7 mm

# CONSTRUCTION TOOLS

## SMOOTH FLOATS

PRO-PC209



- For gypsum stucco.
- Rounded corners with curved edges.
- Working part made of stainless steel with low carbon content.
- Does not leave streaks while working.
- Ergonomic two-component handle on aluminum foot.

CODE	CAT NO.	HANDLE	DIMENSIONS	TOP THICKNESS
3-01-07-01-209	PRO-PC209	2-component	240 mm	0,7 mm

## PLASTIC FLOATS

PRO-PC317,  
PRO-PC318



- Plastic float.
- Ergonomic 2-component handle.
- Hydrorubber top for floating wet stucco.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-317	PRO-PC317	hydrorubber	280 × 140 × 8 mm
3-01-07-01-318	PRO-PC318	hydrorubber	280 × 140 × 18 mm

PRO-PC319



- Plastic float.
- Ergonomic 2-component handle.
- Top with sponge for increased water absorption.
- For rinsing tiles after grouting.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-319	PRO-PC319	hydrosponge	280 × 140 × 30 mm

PRO-PC320



- Plastic float.
- Ergonomic 2-component handle.
- Top with sponge for increased water absorption.
- For rinsing tiles after grouting.
- Thanks to the notches, it collects dirt from the cleaned surface more efficiently.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-320	PRO-PC320	hydrosponge cut	280 × 140 × 30mm



# CONSTRUCTION TOOLS

## PRO-PC321



- Plastic float.
- Ergonomic 2-component handle.
- Top with dense sponge with small pores for rinsing tiles after grouting.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-321	PRO-PC321	white sponge	280 × 140 × 25 mm

## PRO-PC322



- Plastic float.
- Ergonomic 2-component handle.
- Black rubber top - does not crumble or stain the joints.
- Designed for grouting ceramic tiles.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-322	PRO-PC322	rubber	280 × 140 × 8 mm

## PRO-PC323



- Plastic float.
- Ergonomic 2-component handle.
- Work surface with high quality felt - does not swell or delaminate.
- For floating cement-lime plasters.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-323	PRO-PC323	felt	280 × 140 × 10 mm

## PRO-PC325



- ABS plastic trowel – increased durability of the working part.
- Top thickness: 3 mm.
- Ergonomic, contoured and balanced handle.
- For floating and texturing of structural plasters.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-325	PRO-PC325	ABS	280 × 140 × 3 mm

# CONSTRUCTION TOOLS

## PROFI JOINTING FLOAT WITH RUBBER

PRO-PC31



- Plastic float.
- Ergonomic 2-component handle.
- Replaceable rubber insert.
- Rubber beveled on the sides at different angles for more accurate grout filling in hard-to-reach areas.
- The float is designed for grouting with cement and epoxy grouts.

CODE	CAT NO.	DIMENSIONS
3-01-07-01-137	PRO-PC137	250 × 95 mm

## PROFI STYROFOAM FLOAT



- PROFI styrofoam floats - designed for smoothing and leveling plaster.
- Made of hard material, long service life and abrasion resistance.

CODE	CAT NO.	HANDLE	DIMENSIONS
3-01-07-01-126	PRO-PC126	styrofoam	270 × 130 mm
3-01-07-01-127	PRO-PC127	styrofoam	320 × 130 mm
3-01-07-01-128	PRO-PC128	styrofoam	450 × 130 mm
3-01-07-01-129	PRO-PC129	styrofoam	600 × 130 mm
3-01-07-01-130	PRO-PC130	styrofoam	750 × 130 mm
3-01-07-01-131	PRO-PC131	styrofoam	900 × 130 mm

## BUTTERFLY SANDING FLOAT



- Butterfly sanding float 215 × 100 mm.
- Allows sanding of all surfaces, designed for papers, abrasives and grids.
- Rubber backing thickness 3 mm.
- The sanding grid is mounted with thumb screws.

CODE	CAT NO.	UNDERCOAT	DIMENSIONS
3-01-07-01-132	PRO-PC132	rubber	210 × 100 mm

## VELCRO SANDING FLOAT



- Plastic float.
- Ergonomic two-component handle prevents hand fatigue.
- Quick and easy sanding paper attachment with Velcro.
- Trowel designed for grinding and smoothing plaster surfaces.
- Quickly and effectively removes excess sanding material.

CODE	CAT NO.	DIMENSIONS
3-01-07-01-326	PRO-PC326	98 × 225 mm

# CONSTRUCTION TOOLS

## STYROFOAM RASP FLOAT



- Styrofoam rasp floats.
- Scraper for trimming, scraping, shaping, smoothing styrofoam boards.
- Working part made of galvanized sheet metal with holes

CODE	CAT NO.	DIMENSIONS
3-01-07-01-133	PRO-PC133	270 mm
3-01-07-01-134	PRO-PC134	400mm

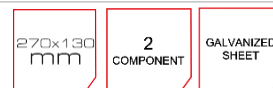
## PROFI POLYSTYRENE RASP FLOAT



- Plastic: PS - polystyrene.
- Working part made of galvanized sheet metal.
- Ergonomic, two-component (G-16) and contoured handle.
- The pass-through working part ensures easy cleaning and longer tool life.
- For thermal insulation works, e.g. leveling of styrofoam boards.

CODE	CAT NO.	DIMENSIONS
3-01-07-01-136	PRO-PC136	375 mm

## METAL SCRAPER FLOAT FOR PLASTER



- Metal scraper float for plaster.
- Designed for leveling or stripping lime and gypsum plaster and old paint coatings.
- Ergonomic two-component handle.

CODE	CAT NO.	DIMENSIONS
3-01-07-01-135	PRO-PC135	270 x 130 mm

## PROFI PAINT TROWELS



- Stainless steel trowels.
- Used for basic construction and finishing works.

CODE	CAT NO.	SIZE
3-01-07-01-204	PRO-PC204	40mm
3-01-07-01-205	PRO-PC205	60mm
3-01-07-01-206	PRO-PC206	80mm
3-01-07-01-207	PRO-PC207	100mm

# CONSTRUCTION TOOLS

## PROFI FACADE TROWELS

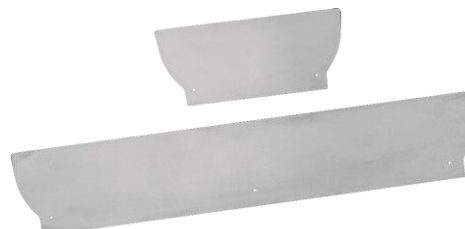
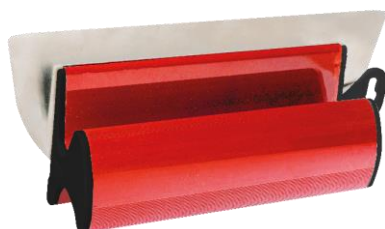


- Stainless steel facade trowels.
- Aluminum, rubber grip.
- Thanks to the aluminum guide it is used for plastering.
- Perfectly straight working part, "wiping" evenly during the work.



CODE	CAT NO.	SIZE
3-01-07-01-216	PRO-PC216	250/60mm
3-01-07-01-220	PRO-PC220	350/60mm
3-01-07-01-224	PRO-PC224	450/60mm
3-01-07-01-228	PRO-PC228	550/60mm

## SCREED TROWELS WITH KNIFE



PVC

0.35 mm

- Lightweight and ergonomic design of durable PVC.

### SCREED TROWELS

CODE	CAT NO.	SIZE
3-01-07-01-401	PRO-PC401	25cm
3-01-07-01-402	PRO-PC402	40cm
3-01-07-01-403	PRO-PC403	60cm
3-01-07-01-404	PRO-PC404	80cm
3-01-07-01-405	PRO-PC405	100cm
3-01-07-01-406	PRO-PC406	120cm

### KNIVES FOR SCREED FLOATS

CODE	CAT NO.	SIZE
3-01-07-01-411	PRO-PC411	25cm
3-01-07-01-412	PRO-PC412	40cm
3-01-07-01-413	PRO-PC413	60cm
3-01-07-01-414	PRO-PC414	80cm
3-01-07-01-415	PRO-PC415	100cm
3-01-07-01-416	PRO-PC416	120cm

- The 0.35mm thick stainless steel blade is flexible and makes it easy to apply smoothing compounds. In addition, the rounded corners of the blade ensure fast work without scratching the surface. The blades can be conveniently replaced with new ones by removing the screws and sliding out the side protection.
- The trowels can be equipped with a special telescopic extension, which is perfect for luting higher surfaces, e.g. ceilings. Each blade is protected with an individual shield.

## THREADED TROWEL HOLDER



- Adapter for PRO plastering trowel.
- Made of durable plastic.
- Quick adjustment of the working angle.
- Simple installation to the trowel.

M18

STRUCTURE MATERIAL

CODE	CAT NO.
3-01-07-01-430	PRO-PC430

## TELESCOPIC POLE WITH THREAD



CODE	CAT NO.
3-01-07-01-431	PRO-PC431

- The telescopic pole is made of aluminum alloy, it is durable and lightweight.
- The telescopic pole consists of 2 parts and can be extended to 2.0 m.
- The pole has an ergonomic soft grip for comfortable and safe use.
- Telescope wall thickness 1.0mm, 2 telescopic extension pieces with diameters of 26mm and 32mm

M18

1.16-2.0

AL

# CONSTRUCTION TOOLS

## PENCILS FOR VARIOUS SURFACES

- The color of the pencil indicates what type of surface it is intended for:
  - red - carpenter pencil,
  - green - stone pencil,
  - yellow - pencil for glass and metal,
  - blue - pencil for wet surfaces.
- PRO pencils are made of linden wood, characterized by lightness, softness and cleavage.
- They are of a barrel shape, rectangular cross-section and are 240 mm or 300 mm long.
- They can be sharpened easily without the risk of breaking the filling.

CODE	CAT NO.	COLOR	LENGTH	HARDNESS	QUANTITY
3-01-12-27-011	PRO-BL011	red	240mm	HB	100 pcs
3-01-12-27-211	PRO-BL211	red	300mm	HB	100 pcs
3-01-12-27-013	PRO-BL013	yellow	240mm	-	100 pcs
3-01-12-27-016	PRO-BL016	green	240mm	10H	100 pcs
3-01-12-27-212	PRO-BL212	green	300mm	10H	100 pcs
3-01-12-27-014	PRO-BL014	blue	240mm	-	100 pcs

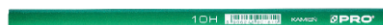
### CARPENTER'S PENCIL



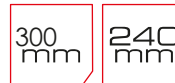
### PENCIL FOR GLASS AND METAL



### STONE PENCIL



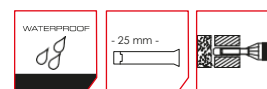
### PENCIL FOR WET SURFACES



## HOLE MARKER

- Marker for holes and hard-to-reach places.
- Extra long (25 mm) thin stainless steel tip.
- Special ergonomic shape to prevent the tip from slipping.
- Waterproof on almost any surface.
- Packaged in 20 pieces.

CODE	CAT NO.	QUANTITY
3-01-12-27-101	PRO-BL101	1 pc
3-01-12-27-114	PRO-BL114	20 pcs (display)



80

## PERMANENT MARKERS

- Marker for permanent marking and writing on almost any surface (cardboard, plastic, metal, glass, rubber, wood). Non-fading and quick-drying.
- Low odor with no xylene or toluene.
- Round tip 1.5 - 3 mm.
- Packaged in 10 pieces.

CODE	CAT NO.	QUANTITY	COLOR
3-01-12-27-102	PRO-BL102	1 pc	red
3-01-12-27-103	PRO-BL103	1 pc	black



### PERMANENT MIX MARKER MP-MIX80

COD	CAT NO.
3-01-12-27-302	PRO-BL302



CONTAINER  
80 pcs.

RED  
20 pcs.

BLACK  
40 pcs.

BLUE  
10 pcs.

GREEN  
10 pcs.

WATER  
RESISTANT

- Marker for permanent marking and writing on almost any surface.
- Non-fading and quick-drying.
- Low odor with no xylene or toluene.
- The package contains 80 pieces

# CONSTRUCTION TOOLS

## MP-MIX4



CODE	CAT NO.
3-01-12-27-303	PRO-BL303

- Marker for permanent marking and writing on almost any surface.
- Non-fading and quick-drying.
- Low odor with no xylene or toluene.
- The package contains 4 pieces

## PERMANENT BLACK MARKER

DISPLAY 36 PIECES



CODE	CAT NO.
3-01-12-27-304	PRO-BL304

- Hard fiber stick, round tip, 1.2-2.4mm.
- 2-component structure.
- Non-toxic ink, free of xylene and toluene.
- Waterproof, quick drying, refill option.
- Product not suitable for children under 3 years old.

## PERMANENT MARKER BLACK AND RED

DISPLAY 36 PIECES



CODE	CAT NO.
3-01-12-27-305	PRO-BL305

- Hard fiber stick, round tip, 1.2-2.4mm.
- 2-component structure.
- Non-toxic ink, free of xylene and toluene.
- Waterproof, quick drying, refill option.
- Product not suitable or children under 3 years old.

## OIL MARKER WHITE

DISPLAY 12 PIECES



CODE	CAT NO.
3-01-12-27-310	PRO-BL310

- Durable acrylic stick, round tip, 1.8-2.2mm.
- Fast drying, non-toxic, water and fade resistant.
- Suitable for wood, metal, glass and paper and works at extreme temperatures.
- High-volume ink for 2x longer life.

# CONSTRUCTION

## ERASABLE MARKER



CODE	CAT NO.	QUANTITY	COLOR
3-01-12-27-106	PRO-BL106	1 pc.	blue
3-01-12-27-113	PRO-BL113	20 pcs. (display)	blue, orange
3-01-12-27-107	PRO-BL107	1 pc	orange



- Abrasive marker for marking on almost all surfaces such as leather, metal, glass, plastic, cardboard, tiles, etc.
- The marker leaves a rubber-like mark that can be easily removed from smooth surfaces, even with a finger.
- Waterproof, special removable ink.
- Spherical tip.
- In two colors: blue and orange.
- Packaged in 10 pieces.
- Line thickness 4 mm

## INDUSTRIAL MARKER



CODE	CAT NO.	QUANTITY
3-01-12-27-105	PRO-BL105	1 pc
3-01-12-27-115	PRO-BL115	20 pc (display)



- Quality paint marker for professional use in industry.
- For strong opaque marking on almost all materials such as metal, glass, plastic, stone, cardboard, glaze, wood.
- For marking and inscribing particularly dark surfaces.
- Waterproof and quick-drying lacquer.
- When the felt tip is worn out : remove the felt, rotate and reinsert.
- In two colors: white and yellow.
- Line thickness 2-4 mm

## LUMBER CRAYONS



CODE	CAT NO.	COLOR
3-01-12-27-108	PRO-BL108	red
3-01-12-27-109	PRO-BL109	blue
3-01-12-27-110	PRO-BL110	yellow
3-01-12-27-116	PRO-BL116	white



- Lumber crayon - a type of crayon made from compressed, colored wax-based chalk.
- For dry and wet marking on wood, paper, cardboard, metal, stone, concrete, tiles, plastics.
- Resistant to abrasion and weathering.
- Hexagonal, diameter 12 mm, length 120 mm.
- Available in four colors: red, blue, white and yellow.
- 12 pieces in the packaging.

## LUMBER CRAYON HOLDER



CODE	CAT NO.
3-01-12-27-111	PRO-BL111



- Holder for round and hexagonal lumber crayons with a diameter of 11-12 mm.
- Equipped with a retaining clip.
- Body made of aluminum, impact resistant.

# CONSTRUCTION TOOLS

## LEVELING SYSTEMS



PP



- Leveling systems are a modern method of tiling, allowing for perfect tile placement while saving time and increasing productivity.
- Minimum joint width 1mm (white) 1.5mm (black, grey)
- White clips designed for 7-15mm tiles, grey for 6-14mm tiles, black for 4-10mm tiles.
- Number of pieces needed per square meter depending on tile size:

30 x 30	33 x 33	40 x 40	45 x 45	50 x 50	60 x 60	60 x 30	80 x 80	100 x 30
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42 pc 36 pc 20 pc 16 pc 16 pc 10 pc 22 pc 10 pc 16 pc

CODE	CAT NO.	NAME	QUANTITY
3-01-26-ZA-001	PRO-SP001	wedges 100 pcs.	
3-01-26-ZA-002	PRO-SP002	gray clips 4 x 25 mm	100 pc
3-01-26-ZA-003	PRO-SP003	mix gray clips/clamps 100 (50/50) pcs.	
3-01-26-ZA-004	PRO-SP004	mix gray clips/clips	400 (300/100) pcs.
3-01-26-ZA-005	PRO-SP005	mix gray clips 400 pcs.	
3-01-26-ZA-202	PRO-SP202	white clips	100 pc
3-01-26-ZA-203	PRO-SP203	mix white clips/ wedges 100 (50/50) pcs.	
3-01-26-ZA-204	PRO-SP204	mix white clips / wedges	400 (300/100) pcs.
3-01-26-ZA-205	PRO-SP205	white clips 400 pcs.	

## DISTANCE CROSSES

PP



- They allow to create an even joint between ceramic tiles.

CODE	CAT NO.	NAME	QUANTITY
3-01-26-ZA-010	PRO-SP010	distance crosses 1	100 pc
3-01-26-ZA-011	PRO-SP011	distance crosses 1.5	200 pc
3-01-26-ZA-012	PRO-SP012	distance crosses 2	200 pc
3-01-26-ZA-013	PRO-SP013	distance crosses 2.5	200 pc
3-01-26-ZA-014	PRO-SP014	distance crosses 3	150 pc
3-01-26-ZA-015	PRO-SP015	distance crosses 4	100 pc
3-01-26-ZA-016	PRO-SP016	distance crosses 5	75 pc
3-01-26-ZA-017	PRO-SP017	distance crosses 6	50 pc
3-01-26-ZA-018	PRO-SP018	distance crosses 8	30 pc
3-01-26-ZA-019	PRO-SP019	distance crosses 10	30 pc
3-01-26-ZA-020	PRO-SP020	distance crosses T6	50 pc
3-01-26-ZA-021	PRO-SP021	distance crosses T8	30 pc
3-01-26-ZA-022	PRO-SP022	distance crosses T10	30 pc
3-01-26-ZA-023	PRO-SP023	dist. crosses with handle 1.5	125 pc
3-01-26-ZA-024	PRO-SP024	dist. crosses with handle 2	125 pc
3-01-26-ZA-025	PRO-SP025	dist. crosses with handle 2.5	100 pc
3-01-26-ZA-026	PRO-SP026	dist. crosses with handle 3	100 pc
3-01-26-ZA-027	PRO-SP027	dist. crosses with handle 4	50 pc

## WEDGES



- Spacer wedges for tiling.

CODE	CAT NO.	NAME	QUANTITY
3-01-26-ZA-029	PRO-SP029	large wedge	50 pc

## PLIERS

PP

TO THE LEVELING SYSTEM



- Made of durable polypropylene.
- Used to tighten wedges on clips in tiling leveling systems.

CODE	CAT NO.
3-01-26-ZA-0	PRO-SP032



# CONSTRUCTION TOOLS

## CLAMPS

### QUICK CLAMP



QUICK  
ADJUSTMENT

CARBON  
STEEL

PP

- Spring compressor made of engineering plastic.
- Strong spring with movable flat pressure tips.
- For light carpentry or finishing work. Helpful for gluing, drilling, riveting.

CODE	CAT NO.	DIMENSIONS
3-01-05-SC-001	PRO-SC001	4"/100 mm
3-01-05-SC-002	PRO-SC002	6"/150 mm
3-01-05-SC-003	PRO-SC003	12"/300 mm
3-01-05-SC-004	PRO-SC004	18"/450 mm
3-01-05-SC-005	PRO-SC005	24"/600 mm

### SPRING COMPRESSION



SPRING  
STEEL S2

PP

- Spring compressor made of engineering plastic.
- Strong spring with movable flat pressure tips.
- For light carpentry or finishing work. Helpful for gluing, drilling, riveting.

CODE	CAT NO.	DIMENSIONS
3-01-05-SC-007	PRO-SC007	2"/50 mm
3-01-05-SC-008	PRO-SC008	3"/75 mm
3-01-05-SC-009	PRO-SC009	4"/100 mm

80

### QUICK CARPENTRY CLAMP QUICK CARPENTRY CLAMP FOR DOOR FRAMES



CLAMPING  
FORCE  
UP TO 60kg

QUICK  
ADJUSTMENT

CARBON  
STEEL

PP

- The head is made of damage-resistant plastic.
- The rail is made of carbon steel, with a large quick clamp locking tongue.
- Spreader function after moving the head.
- Body made of durable plastic.
- For compression or spreading in carpentry and assembly work.
- Clamping force up to 500N (60kg)

CODE	CAT NO.	DIMENSIONS
3-01-05-SC-020	PRO-SC020	6"/150 mm
3-01-05-SC-021	PRO-SC021	12"/300 mm
3-01-05-SC-022	PRO-SC022	18"/450 mm



QUICK  
ADJUSTMENT

CARBON  
STEEL

PP

- The rail is made of hardened and durable C45 steel - a steel characterized by high strength and flexibility.
- Spreader function after moving the head (e.g. when installing door frames).
- Body made of durable plastic.
- For compression or spreading in carpentry and assembly work.
- Quick and comfortable operation due to the right ratio of trigger power to clamping operation.
- Clamping force up to 1500N (150kg).

CODE	CAT NO.	DIMENSIONS
3-01-05-SC-015	PRO-SC015	900mm
3-01-05-SC-016	PRO-SC016	1200mm

# CONSTRUCTION TOOLS

## F-TYPE CARPENTRY CLAMP



- Thick, stable rail stiffened with additional ribbing.
- Arms made of high pressure cast steel, powder coated.
- Screw with special thread.
- Pressure plate mounted on a ball joint, easily adapting to the surface.
- Soft plastic covers to protect the compressed material.
- Two-component, non-slip handle.

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-05-SC-051	PRO-SC051	50 × 150 mm	3-01-05-SC-056	PRO-SC056	80 × 500 mm
3-01-05-SC-052	PRO-SC052	50 × 250 mm	3-01-05-SC-057	PRO-SC057	120 × 300 mm
3-01-05-SC-053	PRO-SC053	50 × 300 mm	3-01-05-SC-058	PRO-SC058	120 × 500 mm
3-01-05-SC-054	PRO-SC054	80 × 200 mm	3-01-05-SC-059	PRO-SC059	120 × 800 mm
3-01-05-SC-055	PRO-SC055	80 × 300 mm	3-01-05-SC-060	PRO-SC060	120 × 1000 mm

## LEVER CLAMP



- The ratchet mechanism allows gradual, fast and vibration-resistant clamping.
- Rail made of high-quality carbon steel with a profile that enables uniform clamping force generation.
- Fixed arm and presser foot with high resistance to torsion
- Sturdy and well-fitting handle made of engineering plastic.
- Ergonomic clamping and loosening lever.
- A lever clamp used for clamping workpieces during gluing, drilling and other material processing operations.
- Clamping force up to 1200N (120kg).

CODE	CAT NO.	DIMENSIONS
3-01-05-SC-081	PRO-SC081	80 × 160 mm
3-01-05-SC-082	PRO-SC082	80 × 200 mm
3-01-05-SC-083	PRO-SC083	80 × 250 mm
3-01-05-SC-084	PRO-SC084	80 × 300 mm

## SILICONE JOINT SCRAPER



- A tool to make walling and tearing silicone grout easier
- A tool to facilitate the application and smoothing of fresh silicone or acrylic compound.

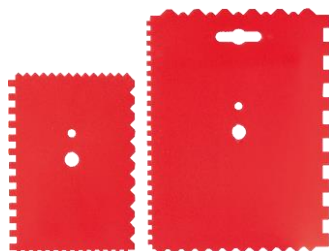
CODE	ART. NO.
3-01-26-AG-011	PRO-AG011

# CONSTRUCTION TOOLS

## PLASTIC FLOATS

PLASTIC

2 PCS.



- Set of 2 plastic floats of different shape and size of teeth.
- The floats are made of plastic.
- They are used to apply the appropriate layer of mortar, depending on the tile format.

CODE	CAT NO.
3-01-26-AG-014	PRO-AG014

## SILICONE SPATULA

TPR

4 pcs.



- Professional sealant spreading blocks.
- Packaged in 4 pieces of different shapes for easy insertion and shaping of the joint before curing.
- 0 mm cube for removing uncured sealant.
- 2-5 mm cube for standard joints with little mobility adaptation.
- 8-10 mm cube for standard flexible joints e.g. baths, kitchen worktops, shower trays, ceramic tiles.
- 14-20mm cube for large and deep joints e.g. floor ceramic tiles, floor- wall.

CODE	CAT NO.
3-01-26-AG-012	PRO-AG012

## JAPANESE SPATULAS

4 TYPES  
OF TEETH

PLASTIC

4 pcs.



- Set of 4 Japanese spatulas
- The spatulas are made of plastic.
- Spatula widths: 50mm, 80mm, 100mm, 120mm.
- They are used, among other things, for spreading and mixing paint, plaster, applying compounds, etc., as well as for simple finishing works, smoothing walls and filling in defects, scraping dirt from surfaces, etc.

CODE	ART. NO.
3-01-26-AG-013	PRO-AG013

08

# CONSTRUCTION TOOLS

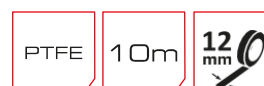
## PVC INSULATING TAPE



- Insulating tape, self-extinguishing, made of plasticized PVC.
- Excellent insulating properties due to plasticizers and rubber-based adhesive.
- High adhesion to steel.
- Flexible and stretchable, with electrical strength up to 5000 volts.
- Color: black, red or white.
- The package contains 10 pieces

CODE	CAT NO.	COLOR
3-01-12-27-201	PRO-BA201	black
3-01-12-27-202	PRO-BA202	white
3-01-12-27-203	PRO-BA203	red

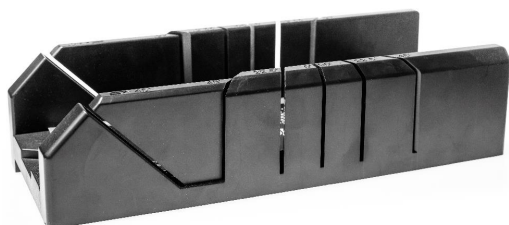
## PTFE WHITE TAPE



- Teflon tape for sealing of threaded joints in water installations (metal and plastic).
- Thickness 0.075 mm; density 0.35 g/cm.
- Designed for diameters < 3/4".
- Withstands temperatures from -60°C to + 260°C and pressures up to 15 bar.

CODE	CAT NO.
3-01-12-27-206	PRO-BA206

## MITRE BOX



- The mitre box is made of HIPS.
- Angled cutting: 45°, 90°
- dimensions 250 x 50 x 35 mm or 300 x 90 x 50 mm.

CODE	CAT NO.	DIMENSIONS
3-01-16-00-020	PRO-SC120	250 x 50 x 35 mm
3-01-16-00-021	PRO-SC121	300 x 90 x 55 mm

# GARDENING TOOLS 09



# GARDENING TOOLS

## GUN SPRINKLER 8 FUNCTIONS



- Gun sprinkler with 8-function head.
- Made of durable ABS plastic covered with thermoplastic rubber (TPR).
- Continuous operation lock.
- Gradual adjustment of water jet type in 8 different positions.

CODE	CAT NO.
3-01-14-OG-001	PRO-GA001

## STRAIGHT GUN SPRINKLER WITH STEPLESS REGULATION



- Straight gun sprinkler.
- Steplessly adjustable water jet.
- Handle coated with two-tone thermoplastic rubber (TPR).
- Made of durable ABS and aluminum (A).

CODE	CAT NO.
3-01-14-OG-003	PRO-GA003

## 8 FUNCTION GUN SPRINKLER WITH STEPLESS ADJUSTMENT

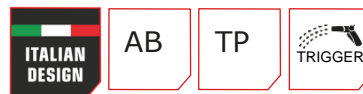


- Gun sprinkler with 8-function head.
- Steplessly adjustable water jet.
- Double rubber coated.
- Made of durable ABS and aluminum (Al) plastic covered with thermoplastic rubber (TPR).

CODE	CAT NO.
3-01-14-OG-002	PRO-GA002

# GARDENING TOOLS

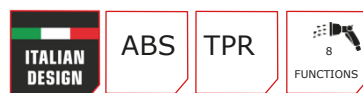
## STRAIGHT GUN SPRINKLER



- Straight gun sprinkler with trigger.
- Adjustment of water jet strength by pressing the trigger.
- Made of durable ABS plastic covered with thermoplastic rubber (TPR).

CODE	CAT NO.
3-01-14-OG-005	PRO-GA005

## GUN SPRINKLER 8 FUNCTIONS



- Gun sprinkler with 8-function head.
- Made of durable ABS plastic covered with thermoplastic rubber (TPR).
- Continuous operation lock.
- Gradual adjustment of water jet type in 8 different positions.

CODE	CAT NO.
3-01-14-OG-004	PRO-GA004

## 4 ELEMENTS MULTI-PURPOSE SPRINKLER + QUICK CONNECTORS AND 1/2" ADAPTER



- SET:**
- Gun sprinkler with 8-function head.
  - 1/2" quick release coupling and 1/2" alloy quick release coupling
  - Adapter 3/4-1
  - Adjustment of water jet strength by pressing the trigger
  - Made of durable ABS plastic covered with thermoplastic rubber (TPR)

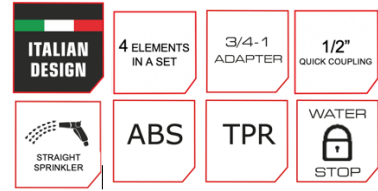
CODE	CAT NO.
3-01-14-OG-012	PRO-GA012

# GARDENING TOOLS

## 4 ELEMENTS STRAIGHT SPRINKLER + QUICK CONNECTORS AND 1/2" ADAPTER



CODE	CAT NO.
3-01-14-OG-011	PRO-GA011



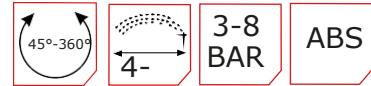
### SET:

- Straight gun sprinkler with trigger
- 1/2" quick release coupling and 1/2" alloy quick release coupling
- Adapter 3/4-1
- Adjustment of water jet strength by pressing the trigger
- Made of durable ABS covered with thermoplastic rubber (TPR)

## ROTARY SPRINKLER



CODE	CAT NO.
3-01-14-OG-023	PRO-GA023



- Rotary sprinkler with two arms.
- Made of durable ABS.
- Hose end connection by means of quick couplings.
- 360 degree sprinkler rotation.
- Manual adjustment of water jet angle.
- Maximum sprinkling diameter of up to 7m.

## TWO ARM ROTARY SPRINKLER



CODE	CAT NO.
3-01-14-OG-022	PRO-GA022

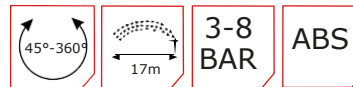


- Rotary sprinkler with two arms.
- Made of durable ABS.
- The plastic spike allows for easy and convenient placement in the lawn bed.
- The sprinkler can be connected in a series with other sprinklers.
- Hose end connection by means of quick couplings.
- Maximum sprinkling diameter of up to 7m.



# GARDENING TOOLS

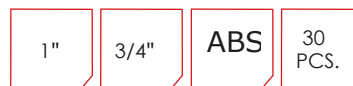
## GARDEN PULSATING SPRINKLER



- Rotary pulsating sprinkler.
- The adjustable pulsating head gives you the ability to spray a diffused mist of varying intensity.
- Made of durable ABS. The plastic spike allows for easy and convenient placement in the lawn bed.
- The sprinkler can be connected in a series with other sprinklers.
- Hose end connection by means of quick couplings.
- Automatic rotation from 45 to 360 degrees.
- Maximum sprinkling diameter of up to 17m.

CODE	CAT NO.
3-01-14-OG-021	PRO-GA021

## CONNECTION ADAPTER 1"-3/4"



- Made of durable ABS.
- Size: 1"-3/4".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-031	PRO-GA031

## 1" ADAPTER CONNECTION



- Made of durable ABS.
- Size: 1".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-032	PRO-GA032

60

# GARDENING TOOLS

## CONNECTION ADAPTER 1"-3/4"-1/2"

1"

3/4"

1/2"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 1"-3/4"-1/2".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-033	PRO-GA033

## CONNECTION ADAPTER 1/2"

1/2"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 1/2".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-035	PRO-GA035

## CONNECTION ADAPTER 1/2"

1/2"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 1/2".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-034	PRO-GA034

# GARDENING

## 3/4" QUICK CONNECTOR



3/4"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 3/4".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-044	PRO-GA044

## 1/2" QUICK CONNECTOR



1/2"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 1/2".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-041	PRO-GA041

## 1/2" QUICK RELEASE COUPLING



1/2"

ABS

30  
PCS.



- Made of durable ABS.
- Size: 1/2".
- Automatic water stop function.
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-042	PRO-GA042

60

# GARDENING

## 3/4" QUICK RELEASE COUPLING


 WATER STOP	 ITALIAN DESIGN	3/4"	ABS	30 PCS.
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- Made of durable ABS.
- Size: 3/4".
- Automatic water stop function.
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-045	PRO-GA045

## CONNECTOR


 ITALIAN DESIGN	3/4"	ABS	30 PCS.
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- Made of durable ABS.
- Size: 3/4".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-048	PRO-GA048

## CONNECTOR 1/2"

 ITALIAN DESIGN	1/2"	ABS	30 PCS.
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- Made of durable ABS.
- Size: 1/2".
- Packaging with 30 pieces.

CODE	CAT NO.
3-01-14-OG-047	PRO-GA047

# GARDENING TOOLS

## SHOVELS

### PROFILED SAND SHOVEL



CODE	CAT NO.
3-01-14-02-108	PRO-BU108

- Metal handle, profiled.
- Handle of construction plastic.
- Tool size 1200 mm.
- Steel thickness of head 1.8 mm.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

120  
cm

HEAD  
THICKNESS  
1.8mm

HRC  
1050Mn

STEEL  
40-48

### SAND SHOVELLONG PROFILED



CODE	CAT NO.
3-01-14-02-107	PRO-BU107

- Metal handle, profiled.
- Handle construction plastic.
- Extended head.
- Tool size 1200 mm.
- Steel thickness of head 1.8 mm.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

120  
cm

HEAD  
THICKNESS  
1.8mm

HRC  
1050Mn

STEEL  
40-48

### UNIVERSAL SHOVELWITH WOODEN HANDLE



CODE	CAT NO.
3-01-14-02-111	PRO-BU111

- Lacquered wooden handle type "T" 100 cm.
- Tool size 1250 mm.
- Steel thickness of head 1.8 mm.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

125  
cm

SHANK  
WOODEN  
100cm

HRC  
1050Mn

STEEL  
40-48

### MULTI-PURPOSE PROFILED SHOVEL



CODE	CAT NO.
3-01-14-02-101	PRO-BU101

- Metal handle, profiled.
- Handle construction plastic.
- Tool size 1200 mm.
- Steel thickness of head 1.8 mm.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

120  
cm

HEAD  
THICKNESS  
1.8mm

HRC  
1050Mn

STEEL  
40-48

# GARDENING TOOLS

## POINTED SURVIVAL SHOVEL



- Pointed survival shovel.
- Profiled metal handle.
- Handle construction plastic.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

71 cm	HEAD THICKNESS 2mm	HRC 1050Mn	STEEL 40-48
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CODE	CAT NO.
3-01-14-02-104	PRO-BU104

## PROFILED CARBON SHOVEL



- Profiled carbon shovel.
- Profiled metal handle.
- Handle structure plastic.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 38-45.

127 cm	HEAD THICKNESS 2mm	HRC 1050Mn	STEEL 38-45
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CODE	CAT NO.
3-01-14-02-109	PRO-BU109

## SPADES

### FLAT SPADE WITH WOODEN HANDLE



- Wooden handle "T" 100 cm.
- Hardened head.
- 1050 Mn steel.
- Hardness HRC 40-48.

125 cm	SHANK OF WOOD 100cm	HRC 1050Mn	STEEL 40-48
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CODE	CAT NO.
3-01-14-02-110	PRO-BU110

### PROFILED FLAT SPADE



- Flat spade, profiled.
- Metal handle.
- Handle construction plastic.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

120 cm	HEAD THICKNESS 2mm	HRC 1050Mn	STEEL 40-48
-----------	--------------------------	---------------	----------------

CODE	CAT NO.
3-01-14-02-102	PRO-BU102

### POINTED SPADE



- Pointed spade.
- Metal handle.
- Handle construction plastic.
- Powder coating.
- 1050 Mn steel.
- Hardness HRC 40-48.

120 cm	HEAD THICKNESS 2mm	HRC 1050Mn	STEEL 40-48
-----------	--------------------------	---------------	----------------

CODE	CAT NO.
3-01-14-02-103	PRO-BU103

## FORKS

### FORK WITH 4 TINES



- Fork with 4 tines.
- Metal handle, profiled.
- Handle construction plastic.
- Hardened head.
- Head: 1050 Mn steel.
- Hardness HRC 40-48.

120 cm	4 TIN	HRC 1050Mn	STEEL 40-48
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CODE	CAT NO.
3-01-14-02-105	PRO-BU105

# GARDENING TOOLS

## PROFILED DIGGING FORK



- Digging fork, profiled.
- Metal handle, profiled.
- Hardened head.
- Head: 1050 Mn steel.
- hardness HRC 40-48.

120  
cm

4  
TIN

HRC  
1050Mn

STEEL  
40-48

CODE	CAT NO.
3-01-14-02-106	PRO-BU106

## RAKE

### GARDEN RAKE



- Garden rake.
- Metal handle.
- Head: 1050 Mn steel.
- Hardness HRC 40-48.
- Tool size: 1500 mm.
- 14 tines

150  
cm

1  
TINE

HRC  
1050Mn

STEEL  
40-48

CODE	CAT NO.
3-01-14-02-112	PRO-BU112

### LEAF RAKE



- Leaf rake.
- Metal handle.
- Head: 1050 Mn steel.
- Hardness HRC 40-48.
- Tool size: 1500 mm.
- 22 tines.

150  
cm

22  
TIN

HRC  
1050Mn

STEEL  
40-48

CODE	CAT NO.
3-01-14-02-113	PRO-BU113

### LEAF RAKE WITH STEEL HANDLE AND PLASTIC



- Made of durable carbon steel, powder coated.
- Ergonomic lightweight design
- Ultralight plastic head.
- The fan shape allows to collect the leaves effectively.

125  
cm

22  
TIN

PLASTIC

CARBON  
STEEL

CODE	CAT NO.

## GARDEN HOE



- Garden hoe.
- Metal handle.
- Head: 1050 Mn steel.
- Hardness HRC 40-48.
- Tool size: 1500 mm.

150  
cm

HRC  
1050Mn

STEEL  
40-48

CODE	CAT NO.
3-01-14-02-114	PRO-BU114

## FLAT GARDEN SHOVEL WITH TEETH



- A shovel for replanting plants and small gardening jobs.
- Made of hardened steel - powder coated with an ergonomic two-component handle.
- Lightweight and very convenient to use.

33  
cm

2  
COMPONENT

HARDENED

CODE	CAT NO.
3-01-14-02-303	PRO-BU303

60

# GARDENING TOOLS

## HEDGE CLIPPERS

blade 23 cm	Cr	arms Al	STEEL
-------------------	----	------------	-------



- Hedge and branch pruning clippers
- 23cm scissors blade made of high-quality steel and anodized chrome plated.
- Constructed of lightweight and durable aluminum.
- The pruning shears have practical and ergonomic handles made of plastic.

CODE	CAT NO.
3-01-14-02-321	PRO-GA321

## ALUMINUM TELESCOPIC HEDGE CLIPPER

Cr	TEFLON	arms to 97 cm	arms Al	2 COMPONENT	STEEL
----	--------	---------------------	------------	----------------	-------



- Telescopic pruning shears for larger and higher hedges.
- Fully hardened shear blades made of high-quality steel, chrome-plated and anodized with Teflon.
- The arms are made of light aluminum and can be extended by 24 cm (max. length = 97cm).
- Two-component ergonomic handles.

CODE	CAT NO.
3-01-14-02-323	PRO-GA323

## ALUMINUM TELESCOPIC PRUNING LOPPER

Cr	arms Al	2 COMPONENT	STEEL
----	------------	----------------	-------



- Telescopic lopper for cutting thicker and harder branches (up to 3.8 cm in diameter).
- Shears blades made of high-quality steel and anodized chrome plated.
- Three-stage ratchet mechanism for efficient and easy use.
- The arms are made of lightweight and durable aluminum and can be extended by 38 cm.
- Two-component ergonomic handles.
- Easy cleaning.

CODE	CAT NO.
3-01-14-02-331	PRO-GA331



# GARDENING TOOLS

## PRUNING SHEAR FOR BRANCHES

arms Al	HANDLE OF PLASTIC	SK5
------------	----------------------	-----



- Classic pruning shears with blades made of durable Sk5 steel.
- Arms made of lightweight and durable aluminum.
- The lever design makes it easy to cut even thick branches (up to 3.8 cm in diameter).
- The pruning shears have practical and ergonomic handles made of plastic.

CODE	CAT NO.
3-01-14-02-332	PRO-GA332

## GARDEN PRUNING SHEAR BLACK PP

Cr	TEFLON	2 COMPONENT	STEEL SK5
----	--------	----------------	--------------



- Pruning shear blades made of SK5 steel additionally chromium-plated to prevent corrosion.
- Blades additionally coated with Teflon.
- Two-component pruning shear handle.

CODE	CAT NO.
3-01-14-02-341	PRO-GA341

## GARDEN PRUNING SHEAR BLACK PP2

Cr	TEFLON	2 COMPONENT	STEEL SK5
----	--------	----------------	--------------



- Pruning shear blades made of SK5 steel additionally chromium-plated to prevent corrosion.
- Blades additionally coated with Teflon.
- Two-component pruning shear handle.

CODE	CAT NO.
3-01-14-02-342	PRO-GA342

# GARDENING TOOLS

## GARDEN PRUNING SHEAR WITH COMFORT GUARD



CODE	CAT NO.
3-01-14-02-343	PRO-GA343

Cr	TEFLON	arms Al	2 COMPONENT	STAINLESS
----	--------	------------	----------------	-----------

- Pruning shear blades made of SK5 steel additionally chromium-plated to prevent corrosion
- Blades additionally coated with Teflon.
- Two-component pruning shear handle.
- Handle made of lightweight and durable aluminum.

## ENDURANCE PRUNING SHEAR



CODE	CAT NO.
3-01-14-02-347	PRO-GA347

Cr	TEFLON	arms Al	STAINLESS
----	--------	------------	-----------

- Pruning shear blades made of SK5 steel additionally chromium-plated to prevent corrosion.
- Blades additionally coated with Teflon.
- Ergonomic handle design finished with non-slip plastic insert.
- Constructed of lightweight and durable aluminum.

## FOLDABLE HANDSAW



CODE	CAT NO.
3-01-14-02-361	PRO-PK361

blade 25 cm	CARBON STEEL	BLADE LOCK
-------------------	-----------------	---------------

- High quality carbon steel cutting blade.
- The teeth of the blade are ground on three sides.
- Blade lock.
- Blade length: approx. 25 cm.

# HAMMERS AND AXES 10



# HAMMERS AND AXES

## ENDURANCE HAMMERS

### ENDURANCE MONOBLOCK SHOEMAKER'S HAMMER PRO-BM201

- MONOBLOK shoemaker's hammer, made of one piece of material, forged entirely as a one-piece.
- Specially patented design to reduce vibration and shock generated during operation.
- Pointed end made of high quality carbon steel.
- Additional hardening of the hammer face.
- Two-component handle with non-slip TPR (thermoplastic rubber) coating.
- Magnetic nail gripper.



450 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK	MAGNET. NAIL GRIPPER
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CODE	CAT NO.	WEIGHT
3-01-14-00-201	PRO-BM201	450 g

### ENDURANCE CARPENTRY MONOBLOCK HAMMER PRO-BM203

- Carpentry MONOBLOK hammer, made of one piece of material, forged entirely as a one-piece.
- Specially patented design to reduce vibration and shock generated during operation.
- Pointed end made of high quality carbon steel.
- Additional hardening of the hammer face.
- Two-component handle with non-slip TPR (thermoplastic rubber) coating.
- Magnetic nail gripper.



600 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK	MAGNET. NAIL GRIPPER
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CODE	CAT NO.	WEIGHT
3-01-14-00-203	PRO-BM203	600 g

### MASON'S HAMMER ENDURANCE PRO-BM205

- MONOBLOK club hammer, made of one piece of material, forged entirely as one-piece.
- Specially patented design to reduce vibration and shock generated during operation.
- Face made of high quality carbon steel
- Additional hardening of the hammer face.
- Two-component non-slip coated handle
- TPR (thermoplastic rubber) coating.



680 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK
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CODE	CAT NO.	WEIGHT
3-01-14-00-205	PRO-BM205	680 g

## CARPENTRY HAMMERS

### CARPENTRY HAMMER MONOBLOCK PRO-BM322

- MONOBLOK hammer, made of one piece of material.
- Hammer face made of forged, high-grade carbon steel
- Additional hardening of the hammer face.
- Magnetic nail gripper.
- Ergonomically shaped handle made of PVC and TPR composite.



600 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK	MAGNET. NAIL GRIPPER
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CODE	CAT NO.	WEIGHT
3-01-14-00-322	PRO-BM322	600 g

# HAMMERS AND AXES

## CARPENTRY HAMMER PRO-BM320

- Hammer face made of high quality carbon steel.
- Additional hardening of the hammer face.
- Two-component handle with non-slip TPR coating.
- 70% of the shaft volume is a vibration-absorbing fiberglass core.
- Magnetic nail gripper.
- Very durable epoxy resin bonding of the head to the hammer handle.



600 g	HIGH-QUALITY CARBON STEEL	FIBER-GLASS HANDLE	MAGNET. NAIL GRIPPER
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CODE	CAT NO.	WEIGHT
3-01-14-00-320	PRO-BM320	600 g

## SHOEMAKER'S HAMMERS

### PRO-BM317

- Hammer face made of high quality carbon steel.
- Additional hardening of the hammer face.
- Two-component handle with non-slip TPR coating.
- 70% of the shaft volume is a vibration-absorbing fiberglass core.
- Very durable epoxy resin bonding of the head to the hammer handle.



540 g	HIGH-QUALITY CARBON STEEL	FIBER-GLASS HANDLE
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CODE	CAT NO.	WEIGHT
3-01-14-00-317	PRO-BM317	540 g

### PRO-BM314, PRO-BM-315

- MONOBLOK hammer, made of one piece of material.
- Hammer face made of forged, high-grade carbon steel
- Additional hardening of the hammer face.
- Ergonomically shaped handle made of PVC and TPR composite.



450 g	560 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK
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CODE	CAT NO.	WEIGHT
3-01-14-00-314	PRO-BM314	450 g
3-01-14-00-315	PRO-BM315	560 g

## MASONRY HAMMERS

### RHENISH MASONRY HAMMER PRO-BM316

- MONOBLOK hammer, made of one piece of material.
- Hammer face made of forged, high-grade carbon steel.
- Additional hardening of the hammer face.
- Ergonomically shaped handle made of PVC and TPR composite.



680 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK
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CODE	CAT NO.	WEIGHT
3-01-14-00-316	PRO-BM316	680 g

# HAMMERS AND AXES

## RHENISH MASONRY HAMMER PRO-BM321

600 g	HIGH-QUALITY CARBON STEEL	FIBER GLASS HANDLE
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- Hammer face made of high quality carbon steel.
- Additional hardening of the hammer face.
- Two-component handle with non-slip TPR coating.
- 70% of the handle is a vibration-absorbing fiberglass core.
- Very durable epoxy resin bonding of the head to the hammer handle.



CODE	CAT. NO.	WEIGHT
3-01-14-00-321	PRO-BM321	600 g

## BERLINER MASONRY HAMMER PRO-BM319

600 g	HIGH-QUALITY CARBON STEEL	PCV TPR HANDLE	MONOBLOCK
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- MONOBLOCK hammer, made of high quality carbon steel.
- Additional hardening of the hammer face.
- Shank and head made from one piece of metal.
- Two-component handle with non-slip TPR coating.



CODE	CAT. NO.	WEIGHT
3-01-14-00-019	PRO-BM319	600 g

## LOCKSMITH HAMMERS

### HAMMER PRO-BM306, PRO-BM307, PRO-BM308, PRO-BM327, PRO-BM328, PRO-BM329, PRO-BM330

300 g	500 g	800 g	1000 g	1500 g
2000 g	3000 g	DIN 1041	HIGH-QUALITY CARBON STEEL	FIBER GLASS HANDLE

- Hammer shank of forged, high-grade carbon steel
- Additional hardening of the hammer face.
- Fiberglass stem core (70% of stem volume).
- Permanent epoxy resin connection between head and stem.
- PVC and TPR composite handle.



CODE	CAT. NO.	WEIGHT
3-01-14-00-306	PRO-BM306	300 g
3-01-14-00-307	PRO-BM307	500 g
3-01-14-00-308	PRO-BM328	1500 g
3-01-14-00-327	PRO-BM327	1000 g
3-01-14-00-330		
3-01-14-00-329	PRO-BM329	2000 g

### HAMMER PRO-BM309, PRO-BM310, PRO-BM311, PRO-BM312, PRO-BM331, PRO-BM332

300 g	500 g	800 g	1000 g	1500 g
2000 g	DIN 1041	HIGH-QUALITY CARBON STEEL	ASH HANDLE	

- Hammer shank of forged, high-grade carbon steel.
- Additional hardening of the hammer face.
- The handle is made of ash wood.
- Permanent epoxy resin bonding of the head to the hammer handle.



CODE	CAT. NO.	WEIGHT
3-01-14-00-309	PRO-BM309	300 g
3-01-14-00-310	PRO-BM310	500 g
3-01-14-00-311	PRO-BM311	800 g
3-01-14-00-312	PRO-BM312	1000 g
3-01-14-00-331	PRO-BM331	1500 g
3-01-14-00-332	PRO-BM332	2000 g

# HAMMERS AND AXES

## CLUB HAMMERS

### HAMMER PRO-BM313, PRO-BM333, PRO-BM334

- Hammer shank made of forged carbon steel
- Additional hardening of the hammer face.
- Fiberglass stem core (70% of stem volume).
- Permanent epoxy resin bonding of the head to the hammer handle.
- PVC and TPR composite handle.

CODE	CAT NO.	WEIGHT
3-01-14-00-313	PRO-BM313	1000 g
3-01-14-00-333	PRO-BM333	2000 g
3-01-14-00-334	PRO-BM334	3000 g

1000 g	2000 g	3000 g	DIN 6475	HIGH-QUALITY CARBON STEEL	FIBER GLASS HANDLE
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### HAMMER PRO-BM343, PRO-BM342

- Hammer shank made of forged carbon steel
- Additional hardening of the hammer face.
- The handle is made of ash wood.
- Permanent epoxy resin bonding of the head to the hammer handle.

CODE	CAT NO.	WEIGHT
3-01-14-00-343	PRO-BM343	2000 g
3-01-14-00-342	PRO-BM342	1500 g

2000 g	1500 g	DIN 6475	HIGH-QUALITY CARBON STEEL	ASH HANDLE
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## RUBBER CAP FOR CLUB HAMMER

- Rubber cap for club hammer 1kg.

CODE	CAT NO.
3-01-14-00-301	PRO-BM301

CLUB HAMMER	RUBBER
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## RUBBER HAMMERS

### HAMMER PRO-BM023, PRO-BM024, PRO-BM025

- Rubber hammer, for various surfaces.
- Lacquered ash wood handle.
- Additional reinforcement of the handle.
- The white part of the hammer does not stain or scratch the surface.

CODE	CAT NO.	WEIGHT
3-01-14-00-023	PRO-BM023	370 g
3-01-14-00-024	PRO-BM024	580 g
3-01-14-00-025	PRO-BM025	780 g

370 g	580 g	780 g	ASH HANDLE
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# HAMMERS AND AXES

## MŁOTEK PRO-BM-336

- Rubber hammer, for various surfaces.
- Lacquered ash wood handle.
- Additional reinforcement of the handle.

1250g

ASH HANDLE



CODE	CAT NO.	WEIGHT
3-01-14-00-336	PRO-BM336	1250 g

## RECOILLESS HAMMER

### MŁOTEK PRO-BM026

- Recoilless hammer with monolithic structure.
- The lead grain-filled shank dampens vibrations during impact.
- Rubberized coating to protect the surface from damage.
- Non-slip handle.



CODE	CAT NO.	WEIGHT
3-01-14-00-026	PRO-BM026	900 g

## INSTALLATION METALWORKING HAMMER

- Two interchangeable tips. The interchangeable tips are made of PU (soft), the shank is made of zinc alloy.
- Total length 350 mm.
- Handle made of hickory wood.
- The joint is additionally protected with synthetic resin.



CODE	CAT NO.	WEIGHT	DIAMETER
3-01-14-00-036	PRO-BM036	300 g	25mm
3-01-14-00-337	PRO-BM337	500 g	35mm
3-01-14-00-038	PRO-BM038	800 g	45mm
3-01-14-00-339	PRO-BM339	1000 g	60mm



## AXES

### AXE PRO-BM320



CODE	CAT NO.	WEIGHT
3-01-14-00-320	PRO-BM320	800 g





# HAMMERS AND AXES

## AXE PRO-BS010, PRO-BS011, PRO-BS012

600 g	800 g	1000 g	HIGH-QUALITY CARBON STEEL	ASH HANDLE
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CODE	CAT NO.	WEIGHT
3-01-14-01-010	PRO-BS010	600 g
3-01-14-01-011	PRO-BS011	800 g
3-01-14-01-012	PRO-BS012	1000 g



## SPLITTING AXE PRO-BS030

2000 g	HIGH-QUALITY CARBON STEEL	ASH HANDLE
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- Splitting axe with wedge for fast splitting of stumps.
- Handle made of ash wood, non-responsive to vibration and rebound cracking, durable.
- The axe head is made of high quality additionally hardened steel.
- Permanent resin bonding between face and handle.

CODE	CAT NO.	WEIGHT
3-01-14-00-030	PRO-BS030	2000 g



## ENDURANCE AXE ENDURANCE SPLITTING AXE

CARBON STEEL	HRC 47-55	PTFE	SHANK OF NYLON
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- Head forged from high quality carbon steel, Teflon coated.
- The arc-shaped blade is hardened in accordance with DIN 7287 to a hardness of HRC 47-55 up to 30 mm from the edge.
- Shock-absorbing nylon trouser, lighter and stronger than steel.
- Perfectly balanced structure
- The modern handle structure, which is additionally coated with TPR, ensures better control of the axe.



CODE	CAT NO.	WEIGHT
3-01-14-01-201	PRO-BS201	650 g
3-01-14-01-204	PRO-BS204	950 g
3-01-14-01-206	PRO-BS206	1250 g
3-01-14-01-208	PRO-BS208	1950 g
3-01-14-01-209	PRO-BS209	2200 g

CARBON STEEL	HRC 47-55	PTFE	SHANK OF NYLON
--------------	-----------	------	----------------

- Head forged from high quality carbon steel, Teflon coated.
- The arc-shaped blade is hardened in accordance with DIN 7287 to a hardness of HRC 47-55 up to 30 mm from the edge.
- Shock-absorbing nylon trouser, lighter and stronger than steel.
- Perfectly balanced structure.
- The modern handle structure, which is additionally coated with TPR, ensures better control of the axe.



CODE	CAT NO.	WEIGHT
3-01-14-01-211	PRO-BS211	1150 g
3-01-14-01-212	PRO-BS212	1500 g
3-01-14-01-214	PRO-BS214	2100 g
3-01-14-01-216	PRO-BS216	2600 g

# HAMMERS AND AXES

## GARDEN MACHETE



PP+ TPR	CARBON STEEL 1050	180mm HANDLE	267mm BLADE
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- The machete blade is made of 1050 C50 carbon steel.
- Machine sharpened and made from one piece of steel.
- Handle made of PP plastic, covered with soft TPR thermoplastic rubber.
- Blade weight: 540 g.  
Handle length 180 mm.  
Blade length 267 mm.  
Blade width 135 mm.
- The machete, a stump puller, 450mm, will work well for limbing branches from trees and felling very small trees.
- Thanks to the specially curved blade, branches can be quickly and easily trimmed right up to the tree trunk.

CODE	CAT NO.
3-01-14-02-401	PRO-BS401

## STEEL WEDGE

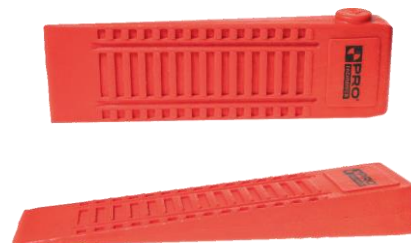
- Made of high quality forged steel.
- Used for splitting wood, stumps.
- Weight: 2 kg



CODE	CAT NO.	WEIGHT
3-01-14-01-130	PRO-BS130	2000 g

## NYLON WEDGE

- Made of durable and lightweight nylon.
- Used for splitting wood, stumps.
- Weight: 300 g or 470 g
- Dimensions: 230 x 70 x 30 mm



CODE	CAT NO.	WEIGHT
3-01-14-01-133	PRO-BS133	300 g
3-01-14-01-134	PRO-BS134	470 g

CUTTING  
TOOLS

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## MULTI-PURPOSE KNIVES

### NÓŽ PR-90-01



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-001	PRO-NU001	18 mm

SK5  
STEEL

3  
BLADES

BLADE  
LOCK

- Universal knife made of materials that guarantee long-term use.
- Sturdy housing with rubber parts for a secure grip while working.
- Innovative handle design with storage for 2 spare blades.
- Blade lock in knob on side of housing.
- Blade width 18 mm.
- 3 blades included.

### KNIFE PR-90-02



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-002	PRO-NU002	18mm

SK5  
STEEL

5  
BLADES

BLADE  
LOCK

- Universal knife made of materials that guarantee long-term use.
- Sturdy housing with rubber parts for a secure grip while working.
- Innovative handle design with storage for 4 spare blades.
- Blade lock in slider on side of housing.
- Blade width 18 mm.
- 5 blades included.

### KNIFE PR-92-03



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-010	PRO-NU010	18 mm

SK5  
STEEL

1  
BLADE

BLADE  
LOCK

Zn  
BODY

- Zinc (Zn) housing, solid and very durable.
- Comfortable and ergonomic handle design, with non-slip rubber insert for comfort combined with safety.
- Steel guide bar and locking knob for safety and tool life.
- Blade made of high-grade carbon steel for three times longer life.
- Blade width 18 mm.
- 1 blade included.

### KNIFE PR-92-04



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-016	PRO-NU016	18 mm

SK5  
STEEL

1  
BLADE

BLADE  
LOCK

Zn  
BODY

- Zinc (Zn) housing, solid and very durable.
- Comfortable and ergonomic handle design, with extra notches for comfort, combined with safety in use.
- Steel guide bar and locking slide for safety and tool life.
- Blade made of high-grade carbon steel for three times longer life.
- Blade width 18 mm.

# CUTTING TOOLS

## KNIFE PR-80-01



SK5 STEEL	1 BLADE	ABS BODY
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CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-012	PRO-NU012	9mm
3-01-08-25-013	PRO-NU013	18mm

- Lightweight and very durable housing made of ABS.
- Comfortable and ergonomic handle design for convenience, combined with safe use.
- Multi-position safety zipper.
- Blade made of high-grade carbon steel for three times longer life.
- The knife is also equipped with a retaining clip.
- Blade width 9 or 18 mm.
- 1 breakaway blade included.
- Knives 9 mm, 36 pieces, knives 18 mm, 24 pieces.

## KNIFE PR-80-10



SK5 STEEL	1 BLADE	BLADE LOCK	CARBON STEEL BODY
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CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-019	PRO-NU019	9 mm
3-01-08-25-020	PRO-NU020	18mm

- Carbon steel housing, sturdy and very durable.
- Comfortable and ergonomic handle design for convenience combined with safe use.
- Steel guide bar for safety and durability of the tool.
- AUTOLOCK function - locks the blade.
- Blade made of high-grade carbon steel for three times longer life.
- 1 blade included.

## KNIFE PR-92-05



SK5 STEEL	1 BLADE	BLADE LOCK	STEEL BODY
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CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-017	PRO-NU017	18mm

- Universal knife made of materials that guarantee long-term use.
- Steel case, sturdy and very durable.
- Comfortable and ergonomic handle design for convenience combined with safe use.
- Steel guide bar and locking knob for safety and tool life.
- Quick-change blade system.
- Blade width 18 mm.
- Blade made of high quality carbon steel.

## KNIFE PR-90-05



SK5 STEEL	1 BLADE	BLADE LOCK	PLASTIC BODY
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CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-018	PRO-NU018	25 mm

- Plastic housing, sturdy and very durable.
- Comfortable and ergonomic handle design, with a non-slip rubber finish for comfort combined with safety.
- Steel guide bar and locking slide for safety and tool life.
- Blade made of high-grade carbon steel for three times longer life.
- Blade width 25 mm.
- 1 blade included.



# CUTTING TOOLS

## KNIFE PRO-NU130



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-130	PRO-NU130	18mm

12 PCS	SOFT ABS	STEEL SK2
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- Made of materials that guarantee long-term use.
- Made of durable ABS soft thermopolymer giving a pleasant feel.
- Automatic blade lock.
- Precise plastic slider for smooth blade operation
- Convenient blade exchange thanks to the ergonomic snap lock.

## KNIFE PR-91-01



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-007	PRO-NU007	18mm

1 BLADE	SK5 STEEL
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- Lightweight and very durable housing.
- Comfortable and ergonomic handle design with anti-slip rubber finish for comfort, combined with safety of use.
- Blades made of high-grade carbon steel for 3x extended life.
- 1 blade included.

## FLEXIBLE KNIFE FOR FINISHING



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-029	PRO-NU029	12.5 mm

LASER SHARPENED	SUPER FLEXIBLE	SK2 STEEL
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- Made of durable ABS thermopolymer for long use.
- Blade made of SK2 steel, laser sharpened to a thickness of 0.2mm.
- Super flexible, one-piece blade with exceptional durability. Automatic blade lock.
- Precision plastic slider for smooth blade operation.

## KNIFE PR-93-01



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-008	PRO-NU008	

1 BLADE	STAINLESS STEEL	AL BODY	SK5 STEEL
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- Very durable aluminum (Al) alloy housing.
- A button located in its body allows to fold the knife.
- The knife is also equipped with a retaining clip.
- Comfortable and ergonomic handle for convenience, combined with safe use.
- Knife structure entirely made of stainless steel.
- Blade made of high-grade carbon steel for 3x extended life.
- 1 blade included.

## KNIFE PR-93-05



CODE	CAT NO.	BLADE WIDTH
3-01-08-25-021	PRO-NU021	

STAINLESS STEEL GUIDE	SK5 BLADE	1 BLADE	BLADE LOCK	Zn BODY
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- Zinc and solid case with a very durable rubber coating.
- Comfortable and ergonomic handle design, with non-slip rubber insert for comfort combined with safety.
- Steel guide bar for safety and durability of the tool.
- AUTOLOCK function - locks the blade.
- Blade made of high-grade carbon steel for three times longer life.

# CUTTING TOOLS

## KNIFE PR-93-06E



CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-027	PRO-NU027	18mm



- Made of materials that guarantee long-term use. The housing is solid steel and very durable.
- Comfortable and ergonomic handle design for convenience, combined with safe use.
- Steel guide and slider for safety and durability of the tool.
- Blade thickness 0,7mm, made of SK2 steel, laser sharpened.

## KNIFE PR-80-03



CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-125	PRO-NU125	18 mm



- Made of durable ABS plastic covered with thermoplastic rubber (TPR) for long-lasting use
- Automatic blade lock.
- Plastic slider for smooth blade operation.
- To replace the blade, move the slider with the blade down.

## KNIFE PR-80-04



CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-126	PRO-NU126	18mm



- Made of durable ABS plastic covered with thermoplastic rubber (TPR) for long use
- Automatic blade lock.
- Plastic slider for smooth blade operation.
- To replace the blade, move the slider with the blade down.

## SAFETY KNIVES

### KNIFE PR-00-01



CODE	CAT. NO.	BLADE WIDTH
3-01-08-25-014	PRO-NU014	



- Safety knife, you need to move the slider to eject the blade.
- The blade automatically retracts when the slider is released.
- Very durable aluminum alloy housing.
- The knife is also equipped with a clip.
- Comfortable and ergonomic handle combined with safety thanks to additional non-slip elements.
- Rough knife design for added safety.
- Slider with non-slip element for increased control during operation.
- Blade made of high-grade carbon steel for three times longer life.

### PR-00-02



CODE	CAT. NO.
3-01-08-25-023	PRO-NU023



- Automatically retracts blade when the slider is released.
- Very durable aluminum alloy (Al) housing.
- Comfortable and ergonomic handle provides comfort and safe use with additional anti-slip features. Thermoplastic rubber (TPR) coated zipper for increased control during use.
- Blade made of high quality carbon steel (SK5).
- 4 blades included (3 in tray).
- Blade storage in the handle.
- Blade can be replaced by pressing the "padlock".



# CUTTING TOOLS

## PLASTIC FOLDING KNIFE

PR-93-



12 pcs.	SK5 STEEL BLADE	ABS	1 TRAPEZOIDAL BLADE
------------	--------------------	-----	---------------------------

- Comfortable and ergonomic handle made of durable ABS plastic for convenient use.
- Button for folding the knife.
- Blade made of high-grade carbon steel (SK5) for three times longer life.
- The package contains 12 pieces

CODE	CAT NO.
3-01-08-25-024	PRO-NU024

## PAINT SCRAPERS

PR-SC-100



18x100 mm	ABS	ALUMINIUM
--------------	-----	-----------

- For removing old paint and wallpapers.
- Convenient handle made of durable ABS and 300mm total length.
- Aluminum structure.
- Secure blade attachment with screws.

CODE	CAT NO.
3-01-08-25-101	PRO-WA101

PR-SC-90



90 mm	ABS	CARBON STEEL BLADE	
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- For removing old paint and wallpapers.
- Convenient two-component handle.
- Carbon steel blade.
- Secure retracting and extending the blade.

CODE	CAT NO.
3-01-08-25-100	PRO-WA100

## REPLACEMENT BLADE FOR PAINT SCRAPER 90MM

PR-SCB-90



5 BLADES	CARBON STEEL	90 mm
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- Replacement blade for paint scraper.
- Blade width 90 mm.
- Carbon steel blade.
- 5 pieces.

CODE	CAT NO.
3-01-08-25-110	PRO-WA110

## REPLACEMENT BLADES FOR KNIVES

FLEXIBLE BLADES FOR FINISHING



SK2 STEEL	10 PCS.
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- Blade made of SK2 steel, laser sharpened.
- Blade thickness 0.2 mm. Blade width 12.5 mm.
- Super flexible, one-piece blade with exceptional durability.
- 10 pieces per pack

CODE	CAT NO.
3-01-08-25-030	PRO-NU030



# CUTTING TOOLS

## PR-92-20

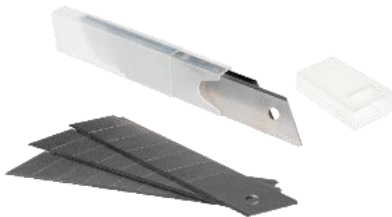


- Hook blades with trapezoidal shape for multi-purpose knives.
- 10 pieces per package.
- Blades made of carbon steel, for three times longer tool life.
- Designed for cutting materials available in sheets, such as floor coverings, plastic sheets, etc.

SK5 STEEL	CARBON STEEL	10 PCS.
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CODE	CAT NO.
3-01-08-25-009	PRO-NU009

## PR-90-03, PR 92-25



- 10 pieces per package.
- Blades made of carbon steel for three times longer tool life.

SK5 STEEL	CARBON STEEL	10 PCS.
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CODE	CAT NO.	BLADE WIDTH
3-01-08-25-003	PRO-NU003	18mm
3-01-08-25-025	PRO-NU025	25mm

## PR-90-04



- 10 pieces per package.
- Blades made of carbon steel for three times longer tool life.

SK5 STEEL	CARBON STEEL	10 PCS.
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CODE	CAT NO.	BLADE WIDTH
3-01-08-25-015	PRO-NU015	9mm

## PR-92-10



- 10 pieces per package.
- Blades made of carbon steel for three times longer tool life.

SK5 STEEL	CARBON STEEL	10 PCS.
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CODE	CAT NO.
3-01-08-25-005	PRO-NU005

## SK2-BLACK



- Blade thickness: 0.7mm
- Made of SK2 steel, laser sharpened.
- There are 10 blades in the package.

18MM	≥65 HRC	0.7MM	SK2 STEEL	LASER SHARPENED
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CODE	CAT NO.	BLADE WIDTH
3-01-08-25-028	PRO-NU028	18 mm

## SK5-BLACK



- Replacement blades for knives.

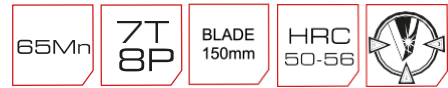
SK5 STEEL	10 PCS.
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CODE	CAT NO.	BLADE WIDTH
3-01-08-25-026	PRO-NU026	18mm

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# CUTTING TOOLS

## PLASTERBOARD CUTTER



- Ergonomic handle made of ABS.
- Handle finished with TPR anti-slip rubber.
- Precision triple ground teeth.
- Impulse-hardened teeth require no sharpening.
- HRC hardness of 50 - 56, allowing work at maximum pressure.
- 50% faster cutting thanks to aggressive tooth geometry.
- Saw blade made of resilient 65 Mn manganese steel.
- Easy piercing of plates without pre-cuts.
- System to prevent jamming during cutting.
- For cutting holes in plasterboard.
- 7 teeth / inch (7T/8P).
- Blade length 150 mm.

CODE	CAT NO.
3-01-16-02-001	PRO-NS001

## CUTTER FOR POLYSTYRENE FOAM AND INSULATION



- Styrofoam and insulation cutter with specially ground teeth to cut a variety of insulation materials without tearing or blocking the knife.
- Contoured two-component plastic handle for safe working.
- Excellent cutting - durable blade made of 3CR13 stainless steel, which has the advantage of high corrosion resistance, easy processing and sharpening.
- Blade length 345 mm.
- Total knife length 500mm.

CODE	CAT NO.
3-01-16-02-103	PRO-NS103

## CUTTER FOR MINERAL WOOL AND POLYSTYRENE

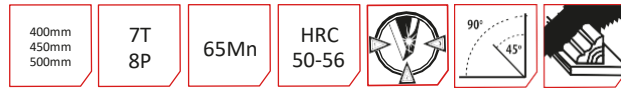


- A cutter for mineral wool and polystyrene foam with specially ground teeth, allowing to cut a variety of insulation materials without tearing them or blocking the cutter.
- Contoured plastic handle for safe work.
- Perfect cutting - durable blade made of 3CR13 stainless steel.
- Blade length 280 mm.
- Double-sided blade.
- Total knife length 415 mm.

CODE	CAT NO.
3-01-16-02-102	PRO-NS102

# CUTTING TOOLS

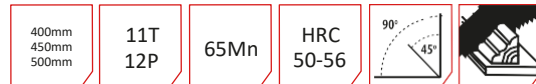
## CROSSCUT SAW 7T



- Ergonomic handle made of ABS, bolted with three screws.
- Handle finished with TPR anti-slip rubber.
- Finger protection grip profile.
- Precision triple ground teeth.
- Impulse-hardened teeth require no sharpening.
- HRC hardness of 50 - 56, allowing work at maximum pressure.
- 50% faster cutting thanks to aggressive tooth geometry.
- Saw blade made of resilient 65 Mn manganese steel.
- 90° and 45° angles included in the saw handle.
- 7 teeth / inch (7T/8P).
- Blade lengths 400, 450 and 500 mm.

CODE	CAT. NO.	DIMENSIONS
3-01-16-00-001	PRO-PD001	400 mm
3-01-16-00-002	PRO-PD002	450 mm
3-01-16-00-003	PRO-PD003	500 mm

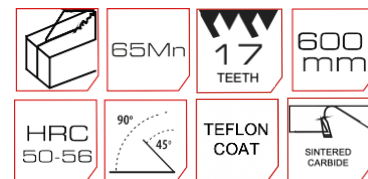
## CROSSCUT SAW 11T



- Ergonomic handle made of ABS, bolted with three screws.
- Handle finished with TPR anti-slip rubber.
- Finger protection grip profile.
- Precision triple ground teeth.
- Impulse-hardened teeth require no sharpening.
- HRC hardness of 50 - 56, allowing work at maximum pressure.
- 50% faster cutting thanks to aggressive tooth geometry.
- Saw blade made of resilient 65 Mn manganese steel.
- 90° and 45° angles included in the saw handle.
- 11 teeth / inch (11T/12P).
- Blade lengths 400, 450 and 500 mm.

CODE	CAT. NO.	DIMENSIONS
3-01-16-02-00-011	PRO-PD011	400mm
3-01-16-02-00-012	PRO-PD012	450mm
3-01-16-02-00-013	PRO-PD013	500 mm

## SAW FOR CELLULAR CONCRETE 17T



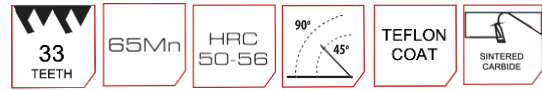
- Ergonomic handle made of ABS, bolted with three screws.
- Handle finished with TPR anti-slip rubber.
- Teeth that do not require sharpening.
- Carbide teeth welded to the saw blade.
- 50% faster cutting.
- Teflon-coated saw blade.
- Saw blade made of resilient 65 Mn manganese steel.
- 90° and 45° angles included in the saw handle.
- Saw for easy cutting of cellular concrete blocks.
- 17 carbide teeth.
- Length 600 mm

CODE	CAT. NO.	DIMENSIONS
3-01-16-01-001	PRO-PK001	600 mm

11

# CUTTING TOOLS

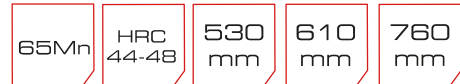
## SAW FOR CELLULAR CONCRETE 33T



- Ergonomic handle made of ABS, bolted with three screws. finished with TPR anti-slip rubber.
- Non-sharpening 33 teeth, carbide-welded to the saw blade. 50% faster cutting.
- Teflon-coated saw blade lobe made of resilient 65 Mn manganese steel.
- 90° and 45° angles included in the saw handle. Saw for easy cutting of cellular concrete blocks.

CODE	CAT NO.	DIMENSIONS
3-01-16-01-002	PRO-PK002	600 mm

## BOW SAW



- Powder coated steel frame.
- Handle finished with non-slip sponge.
- TPR and ABS handle.
- 65 Mn manganese steel blade.
- HRC 44-48.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-105	PRO-PD105	530mm
3-01-24-PK-006	PRO-PD006	610mm
3-01-24-PK-007	PRO-PD007	760mm

## SAWS FOR METAL

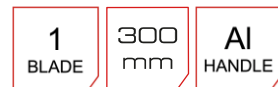
### SAWS FOR METAL PRO-PM101



- Round lacquered steel frame.
- Aluminum handle.
- 1 blade included.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-101	PRO-PM101	300mm

### METAL SAW PRO-PM202



- Square lacquered steel frame.
- Aluminum handle.
- 1 blade included.
- Easier blade replacement.
- Possibility to place the blade horizontally.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-202	PRO-PM202	300mm

# CUTTING TOOLS

## 3-COMPONENT METAL SAW PRO-PM203



1 BLADE	300 mm	90° 45°
------------	-----------	------------

- Finished with TPR anti-slip rubber.
- 3-component handle.
- 1 blade included.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-203	PRO-PM203	300mm

## METAL SAW PRO-PM204



1 BLADE	280 mm
------------	-----------

- Aluminum frame.
- 2-component handle.
- It is used to cut steel, pipes, plastics, etc.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-204	PRO-PM204	280 mm

## SAW BLADES

### BIMETAL SAW BLADE



24T	300 mm	M2
-----	-----------	----

- 24 teeth/inch.
- Made of M2 molybdenum based high speed steel.
- High resistance to abrasion and bending.
- Thermoplasticity increased by 50% compared to carbon steel.
- HARDNESS HRC 64-65.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-011	PRO-PM011	300mm

### FLEXIBLE METAL SAW BLADE



24T	300 mm	Mn 65
-----	-----------	----------

- 24 teeth/inch.
- Made of resilient 65 Mn manganese steel.
- Very high flexibility.
- HRC hardness of 50 - 56, allowing work at maximum pressure.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-014	PRO-PK014	300mm

### SAW BLADE FOR WET WOOD



WET WOOD		Mn 65	530 mm	610 mm	760 mm
-------------	--	----------	-----------	-----------	-----------

- For cutting fresh branches or those soaked in water.
- Made of 65 Mn manganese steel.
- Teeth hardened and profiled.
- Blade sharpened and hardened on both sides.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-023	PRO-PD023	530mm
3-01-24-PK-024	PRO-PD024	610mm
3-01-24-PK-025	PRO-PD025	760mm



# CUTTING TOOLS

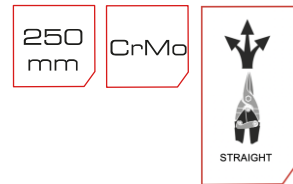
## DRY WOOD SAW BLADE



- For cutting dry wood.
- Made of 65 Mn manganese steel.
- Teeth hardened and profiled.
- Blade sharpened and hardened on both sides.

CODE	CAT NO.	DIMENSIONS
3-01-24-PK-020	PRO-PD020	530mm
3-01-24-PK-021	PRO-PD021	610mm
3-01-24-PK-022	PRO-PD022	760mm

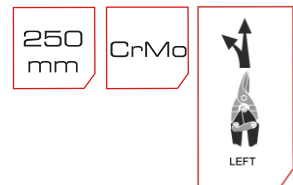
## STRAIGHT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-202	PRO-NB202

- Chrome-molybdenum additionally hardened steel blades.
- Non-slip blade finish for greater cutting precision and increased safety.
- Cutting edges induction hardened, hardness 56-60 HRC.
- Useful for cutting cold rolled steel sheets with thicknesses up to 1.2 mm, aluminum sheets up to 1.5 mm and stainless steel sheets up to 0.7 mm.

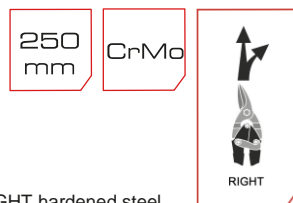
## LEFT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-201	PRO-NB201

- Chrome-molybdenum, extra LEFT hardened steel blades.
- Non-slip blade finish for greater cutting precision and increased safety.
- Cutting edges induction hardened, hardness 56-60 HRC.
- Useful for cutting cold rolled steel sheets with thicknesses up to 1.2 mm, aluminum sheets up to 1.5 mm and stainless steel sheets up to 0.7 mm.

## RIGHT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-203	PRO-NB203

- Chrome and molybdenum extra RIGHT hardened steel blades.
- Non-slip blade finish for greater cutting precision and increased safety.
- Cutting edges induction hardened, hardness 56-60 HRC.
- Useful for cutting cold rolled steel sheets with thicknesses up to 1.2 mm, aluminum sheets up to 1.5 mm and stainless steel sheets up to 0.7 mm.

# CUTTING TOOLS

## PELICAN LEFT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-007	PRO-NB007

250 mm	STEEL	 LEFT
-----------	-------	----------

- Blades made of extra-hardened S55C carbon steel.
- Non-slip grips.
- Cutting edges of 56-60 HRC hardness.
- Useful for cutting cold rolled steel sheet up to 1.4 mm thick, copper sheet up to 2 mm thick and stainless steel sheet up to 1 mm thick.

## PELICAN LEFT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-006	PRO-NB006

300 mm	STEEL	 LEFT
-----------	-------	----------

- Blades made of extra-hardened S55C carbon steel.
- Non-slip grips.
- Cutting edges of 56-60 HRC hardness.
- Useful for cutting cold rolled steel sheets with thickness up to 0.78 mm, copper sheets up to 0.94 mm and stainless steel sheets up to 0.6 mm.

## STRAIGHT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-002	PRO-NB208

250 mm	STEEL	 STRAIGHT
-----------	-------	--------------

- Blades made of extra-hardened S55C carbon steel.
- Non-slip grips.
- Cutting edges of 56-60 HRC hardness.
- Useful for cutting cold rolled steel sheets with thickness up to 0.78 mm, copper sheets up to 2 mm and stainless steel sheets up to 0.6 mm.

## PELICAN RIGHT SHEET METAL SHEARS



CODE	CAT NO.
3-01-23-NB-205	PRO-NB005

250 mm	STEEL	 RIGHT
-----------	-------	-----------

- Blades made of extra-hardened S55C carbon steel
- Non-slip grips.
- Cutting edges of 56-60 HRC hardness.
- Useful for cutting cold rolled steel sheets up to 1.4 mm thick, copper sheets up to 2 mm thick and stainless steel sheets up to 1 mm thick.

# CUTTING TOOLS

## PELICAN RIGHT SHEET METAL SHEARS

300  
mm

STEEL



- Blades made of extra-hardened S55C carbon steel
- Non-slip grips.
- Cutting edges of 56-60 HRC hardness.
- Useful for cutting cold rolled steel sheets with thickness up to 0.78 mm, copper sheets up to 0.94 mm and stainless steel sheets up to 0.6 mm.

CODE	CAT NO.
3-01-23-NB-004	PRO-NB004

## WIRE CUTTERS

HRC  
50-56

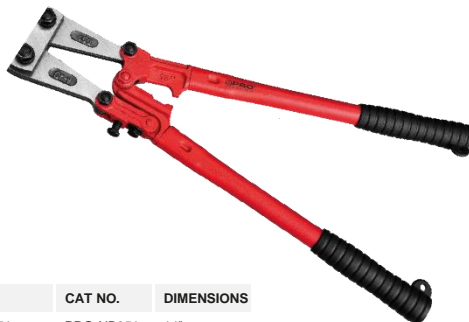
CrV  
STEEL  
JAWS

CARBON  
STEEL  
HANDLE

14"

18"

24"



- Cutters for rods and wires.
- Designed for construction, service and workshop work in various trades.
- Jaws of hardened chrome vanadium steel.
- Handles made of high quality carbon steel.
- Cutters equipped with a joint for greater cutting power.
- Ergonomic plastic handles.
- Jaw hardness: 50-56 HRC.

CODE	CAT NO.	DIMENSIONS
3-01-18-20-051	PRO-NB051	14"
3-01-18-20-052	PRO-NB052	18"
3-01-18-20-053	PRO-NB053	24"

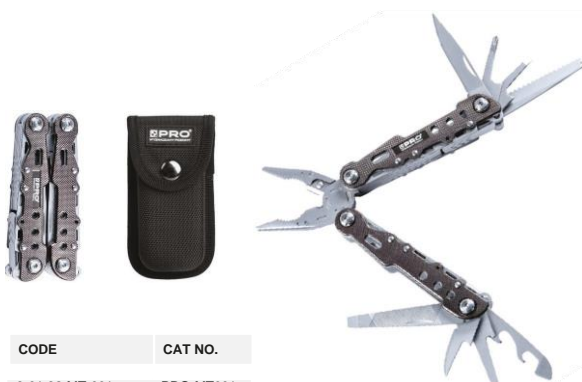
## MULTITOOL HD

11  
FUNCTIONS

CrV

ANODIZED  
Al

CASE  
INCLUDED



- Workshop pliers.
- Cutting pliers.
- Knife.
- PH screwdriver.
- SL 1 screwdriver.
- SL 2 screwdriver.
- SL screwdriver and file.
- Steel lock.
- Small knife.
- Saw.
- Can opener.
- Bottle opener.

CODE	CAT NO.
3-01-32-MT-001	PRO-MT001



# CUTTING TOOLS

## EMERGENCY MULTITOOL



- Ratchet socket.
- Seatbelt cutter.
- Changing the direction of the ratchet.
- Hammer for glass.
- Battery.
- Saw.
- Knife.
- PH/SL bits.
- Can opener.
- Bottle opener.
- Wrench for 6 sizes of screws.
- LED flashlight.

12 FUNCTIONS	CrV	LED FLASHLIGHT	CASE INCLUDED
-----------------	-----	-------------------	------------------

CODE	CAT NO.
3-01-32-MT-002	PRO-MT002

## MULTIFUNCTION KNIFE WITH LED



- Knife.
- Saw.
- Bottle opener.
- SL/PH screwdrivers.
- Can opener.
- Corkscrew.
- Needle with a hole.
- File.
- LED flashlight.
- Battery.

10 FUNCTIONS	CrV	ANODIZED Al	LED FLASHLIGHT
-----------------	-----	----------------	-------------------

CODE	CAT NO.
3-01-32-MT-004	PRO-MT004

## LOCKABLE FOLDING KNIFE



- Chrome-vanadium blade.
- Blade lock.

CrV	ANODIZED Al	BLADE LOCK
-----	----------------	---------------

CODE	CAT NO.
3-01-32-MT-005	PRO-MT005

## SMALL MULTITOOL WITH LED FLASHLIGHT



- Knife.
- LED flashlight.
- Bottle opener.
- PH screwdriver.
- Clip hook.
- Hex key.
- Battery.

6 FUNCTIONS	3Cr13 STAINLESS STEEL	ANODIZED Al	LED FLASHLIGHT
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CODE	CAT NO.
3-01-32-MT-007	PRO-MT007

11

# CUTTING TOOLS

## PVC PIPE CUTTERS

An indispensable tool for installation work where PVC, PP, PU and PE pipes are used. It allows to precisely cut the pipe to the desired size while maintaining an even and unsharpened cut edge.

**Note!** In cold weather (such as winter), warm the tubing in warm water to protect it from cracking.

### PVC PIPE CUTTER 0-42MM STEEL 65MN

CODE	CAT NO.
3-01-18-20-101	PRO-BY101



BLADE 65 Mn	ALUMINUM CASTING	CUTTING SCOPE 0-42 mm
-------------------	---------------------	-----------------------------

- Blade material 65Mn with electroplated coating
- Rubberized handle for more comfortable working
- The body made of hardened aluminum
- Automatic jaw opening, one-hand operation possible.

### PVC PIPE CUTTER 0-42MM STEEL 65MN

CODE	CAT NO.
3-01-18-20-102	PRO-BY102



BLADE 65 Mn	ALUMINUM CASTING	CUTTING SCOPE 0-42 mm
-------------------	---------------------	-----------------------------

- Blade material 65Mn with electroplated coating
- The body made of hardened aluminum
- Manual jaw opening.

### PVC PIPE CUTTER 0-51MM STEEL 65MN

CODE	CAT NO.
3-01-18-20-103	PRO-BY103



OSTRZE 65 Mn	ALUMINUM CASTING	CUTTING SCOPE 0-51 mm
--------------------	---------------------	-----------------------------

- Blade material 65Mn with electroplated coating
- Rubberized handle for more comfortable working
- The body made of hardened aluminum
- Automatic jaw opening, one-hand operation possible.

## COPPER PIPE CUTTERS

### PIPE CUTTER 3-22MM STEEL SK5

CODE	CAT NO.
3-01-18-20-107	PRO-BY107



BLADE SK5	ALUMINUM CASTING	CUTTING SCOPE 3-22 mm
--------------	---------------------	-----------------------------

- Compact and robust design perfect for use in confined spaces.
- The cutter made of high quality aluminum.
- Comfortable handle for quick adjustment, and cutting.
- Cutting range 3-22mm.
- Blade made of SK5 steel.

### PIPE CUTTER 3-35MM STEEL SK5

CODE	CAT NO.
3-01-18-20-108	PRO-BY108



BLADE SK5	ALUMINUM CASTING	CUTTING SCOPE 3-35 mm
--------------	---------------------	-----------------------------

- Compact and robust design perfect for use in confined spaces.
- The cutter made of high quality aluminum.
- Comfortable handle for quick adjustment, and cutting.
- Cutting range 3-35mm.
- Blade made of SK5 steel.

POWER TOOL  
ACCESSORIES

12



 **PRO**<sup>®</sup>  
FACHMAYER

# POWER TOOL ACCESSORIES

## DRILL BITS FOR METAL



### HSS4241



- HSS 4241 rolled drill bits for metal.
- Universal application.
- Apex angle 118°.
- High drilling performance and long service life.
- Manufactured to DIN 338 standards.

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-001	PRO-WS001	1.0mm	3-01-10-WS-008	PRO-WS008	4.5mm	3-01-10-WS-015	PRO-WS015	8.0mm
3-01-10-WS-002	PRO-WS002	1.5mm	3-01-10-WS-009	PRO-WS009	5.0mm	3-01-10-WS-016	PRO-WS016	8.5mm
3-01-10-WS-003	PRO-WS003	2.0mm	3-01-10-WS-010	PRO-WS010	5.5mm	3-01-10-WS-017	PRO-WS017	9.0mm
3-01-10-WS-004	PRO-WS004	2.5mm	3-01-10-WS-011	PRO-WS011	6.0mm	3-01-10-WS-018	PRO-WS018	9.5mm
3-01-10-WS-005	PRO-WS005	3.0mm	3-01-10-WS-012	PRO-WS012	6.5mm	3-01-10-WS-019	PRO-WS019	10mm
3-01-10-WS-006	PRO-WS006	3.5mm	3-01-10-WS-013	PRO-WS013	7.0mm	3-01-10-WS-020	PRO-WS020	12mm
3-01-10-WS-007	PRO-WS007	4.0mm	3-01-10-WS-014	PRO-WS014	7.5mm			

### HSS TITANIUM-COATED



CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-101	PRO-WS101	1.0mm	3-01-10-WS-111	PRO-WS111	6.0mm
3-01-10-WS-102	PRO-WS102	1.5mm	3-01-10-WS-112	PRO-WS112	6.5mm
3-01-10-WS-103	PRO-WS103	2.0mm	3-01-10-WS-113	PRO-WS113	7.0mm
3-01-10-WS-104	PRO-WS104	2.5mm	3-01-10-WS-114	PRO-WS114	7.5mm
3-01-10-WS-105	PRO-WS105	3.0mm	3-01-10-WS-115	PRO-WS115	8.0mm
3-01-10-WS-106	PRO-WS106	3.5mm	3-01-10-WS-116	PRO-WS116	8.5mm
3-01-10-WS-107	PRO-WS107	4.0mm	3-01-10-WS-117	PRO-WS117	9.0mm
3-01-10-WS-108	PRO-WS108	4.5mm	3-01-10-WS-118	PRO-WS118	9.5mm
3-01-10-WS-109	PRO-WS109	5.0mm	3-01-10-WS-119	PRO-WS119	10.0mm
3-01-10-WS-110	PRO-WS110	5.5mm	3-01-10-WS-120	PRO-WS120	12.5mm

- HSS titanium coated metal drill bits.
- Drill spiral, ground.
- Drill bits manufactured to DIN 338 standard.
- Point angle 135° - for perfect centering.
- Made of HSS high speed steel.
- Titanium nitride coating reduces vibration and increases drill bit life.
- Fast drilling by 40-60% compared to traditional drill bits.
- Ideal for precise, repeatable drilling.
- Very high surface hardness.
- Handle: cylindrical.

### HSS CO COBALT



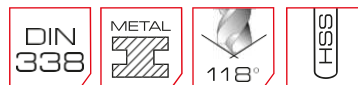
CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-201	PRO-WS201	1.0mm	3-01-10-WS-212	PRO-WS212	6.5mm
3-01-10-WS-202	PRO-WS202	1.5mm	3-01-10-WS-213	PRO-WS213	7.0mm
3-01-10-WS-203	PRO-WS203	2.0mm	3-01-10-WS-214	PRO-WS214	7.5mm
3-01-10-WS-204	PRO-WS204	2.5mm	3-01-10-WS-215	PRO-WS215	8.0mm
3-01-10-WS-205	PRO-WS205	3.0mm	3-01-10-WS-216	PRO-WS216	8.5mm
3-01-10-WS-206	PRO-WS206	3.5mm	3-01-10-WS-217	PRO-WS217	9.0mm
3-01-10-WS-207	PRO-WS207	4.0mm	3-01-10-WS-218	PRO-WS218	9.5mm
3-01-10-WS-208	PRO-WS208	4.5mm	3-01-10-WS-219	PRO-WS219	10.0mm
3-01-10-WS-209	PRO-WS209	5.0mm	3-01-10-WS-220	PRO-WS220	11.0mm
3-01-10-WS-210	PRO-WS210	5.5mm	3-01-10-WS-221	PRO-WS221	12.00mm
3-01-10-WS-211	PRO-WS211	6.0mm	3-01-10-WS-222	PRO-WS222	13.00mm

- Spiral drill bit made of high quality alloyed high speed steel according to DIN 338, cobalt content 5%.
- Right-hand spiral N-type.
- Point angle 135°.
- Cross ground in compliance with DIN1412C.
- Diameter tolerance h 8.
- Solid bar ground spiral drill bit with excellent outer surface finish.
- Precision drill bits with high heat resistance and durability.
- For use on drill stands or column drills.
- For alloy and carbon steels with tensile strength up to 1000 N/mm, stainless steel V2A/ V4A, grey cast iron, iron sinter, acid and heat resistant steels.

# POWER TOOL ACCESSORIES

## SET OF DRILL BITS FOR METAL 5 PCS.

HSS 4241



- HSS 4241 rolled drill bits for metal.
- Universal application.
- Apex angle 118°.
- High drilling performance and long service life.
- Manufactured in compliance with DIN 338 standards.
- Cylindrical tool holder.
- 5 pcs. - dimensions: 3, 4, 5, 6, 8 x 160 mm.

CODE	CAT NO.
3-01-10-WZ-030	PRO-ZW030

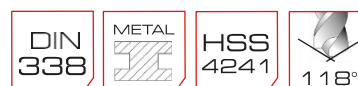
## DRILL BIT SETS FOR METAL 19 PCS.

### SETS:

Sets include 19 drill bits with diameters:

- 1.0 mm, - 3.5 mm, - 6.0 mm, - 8.5 mm,
- 1.5 mm, - 4.0 mm, - 6.5 mm, - 9.0 mm,
- 2.0 mm, - 4.5 mm, - 7.0 mm, - 10.0 mm,
- 2.5 mm, - 5.0 mm, - 7.5 mm,
- 3.0 mm, - 5.5 mm, - 8.0 mm,

HSS DRILL BIT SET 4241



- HSS 4241 rolled drill bits for metal.
- Universal application.
- Apex angle 118°.
- High drilling performance and long service life.
- Manufactured to DIN 338 standards.

CODE	CAT NO.
3-01-10-WZ-020	PRO-ZW020

# POWER TOOL ACCESSORIES

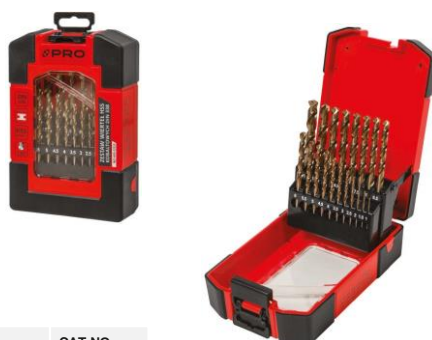
## TITANIUM COATED DRILL BIT SET



CODE	CAT NO.
3-01-10-WZ-001	PRO-WZ001

- Made of HSS high speed steel.
- Drill spiral, ground. Handle: cylindrical.
- Drill bits manufactured to DIN 338 standard. Very high surface hardness.
- Point angle 135° - for perfect centering.
- Titanium nitride coating reduces vibration and increases drill bit life. Ideal for precise, repeatable drilling.
- Fast drilling by 40-60% compared to traditional drill bits.

## HSS CO (COBALT) DRILL BIT SET



CODE	CAT NO.
3-01-10-WZ-010	PRO-WZ010

- Spiral drill bit made of high quality alloyed high speed steel according to DIN 338, cobalt content 5%
- Right-hand helical type N. Point angle 135°.
- Cross ground in compliance with DIN1412C.
- Diameter tolerance h 8.
- Solid bar ground spiral drill bit with excellent outer surface finish.
- Precision drill bits with high heat resistance and durability.
- For use on drill stands or column drills.
- For alloy and carbon steels with tensile strength up to 1000 N/mm, stainless steel V2A/ V4A, grey cast iron, iron sinter, acid and heat resistant steels.

## CYLINDRICAL WIDIA DRILLS



CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-301	PRO-WS301	3 × 60 mm	3-01-10-WS-310	PRO-WS310	10 × 300 mm
3-01-10-WS-302	PRO-WS302	4 × 120 mm	3-01-10-WS-311	PRO-WS311	10 × 120 mm
3-01-10-WS-303	PRO-WS303	5 × 85 mm	3-01-10-WS-312	PRO-WS312	10 × 200 mm
3-01-10-WS-304	PRO-WS304	5 × 120 mm	3-01-10-WS-313	PRO-WS313	12 × 150 mm
3-01-10-WS-305	PRO-WS305	6 × 100 mm	3-01-10-WS-314	PRO-WS314	12 × 200 mm
3-01-10-WS-306	PRO-WS306	6 × 200 mm	3-01-10-WS-315	PRO-WS315	12 × 300 mm
3-01-10-WS-307	PRO-WS307	8 × 120 mm	3-01-10-WS-316	PRO-WS316	14 × 150 mm
3-01-10-WS-308	PRO-WS308	8 × 200 mm	3-01-10-WS-317	PRO-WS317	14 × 200 mm
3-01-10-WS-309	PRO-WS309	8 × 300 mm			

- Cylindrical stone widia drills.
- Universal application in various surfaced (masonry brick, silicate brick, etc.).
- High drilling performance and long service life.
- Tool holder: cylindrical.

# POWER TOOL ACCESSORIES

## SDS PLUS ENDURANCE DRILL BITS



- Drill bits made of high quality alloy steel.
- Innovative carbide cutting geometry for aggressive demolition effect.
- Spiral with 4 coils for optimum burr removal.
- Reinforced helix bevel for optimal drilling when the drill bit is in contact with reinforcement.
- Core with reinforced helix geometry to give more energy when striking from a pitchfork drill crown.
- Designed for drilling in concrete.

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-401	PRO-WS401	5 × 110 mm	3-01-10-WS-419	PRO-WS419	12 × 310 mm
3-01-10-WS-402	PRO-WS402	5 × 160 mm	3-01-10-WS-420	PRO-WS420	12 × 360 mm
3-01-10-WS-403	PRO-WS403	6 × 110 mm	3-01-10-WS-421	PRO-WS421	12 × 460 mm
3-01-10-WS-404	PRO-WS404	6 × 160 mm	3-01-10-WS-422	PRO-WS422	14 × 160 mm
3-01-10-WS-405	PRO-WS405	6 × 210 mm	3-01-10-WS-423	PRO-WS423	14 × 210 mm
3-01-10-WS-406	PRO-WS406	6 × 260 mm	3-01-10-WS-424	PRO-WS424	14 × 260 mm
3-01-10-WS-407	PRO-WS407	8 × 110 mm	3-01-10-WS-425	PRO-WS425	14 × 310 mm
3-01-10-WS-408	PRO-WS408	8 × 160 mm	3-01-10-WS-426	PRO-WS426	14 × 360 mm
3-01-10-WS-409	PRO-WS409	8 × 210 mm	3-01-10-WS-427	PRO-WS427	14 × 400 mm
3-01-10-WS-410	PRO-WS410	8 × 260 mm	3-01-10-WS-428	PRO-WS428	14 × 460 mm
3-01-10-WS-411	PRO-WS411	10 × 110 mm	3-01-10-WS-429	PRO-WS429	16 × 160 mm
3-01-10-WS-412	PRO-WS412	10 × 160 mm	3-01-10-WS-430	PRO-WS430	16 × 210 mm
3-01-10-WS-413	PRO-WS413	10 × 210 mm	3-01-10-WS-431	PRO-WS431	16 × 310 mm
3-01-10-WS-414	PRO-WS414	10 × 260 mm	3-01-10-WS-432	PRO-WS432	16 × 360 mm
3-01-10-WS-415	PRO-WS415	10 × 460 mm	3-01-10-WS-433	PRO-WS433	16 × 400 mm
3-01-10-WS-416	PRO-WS416	12 × 160 mm	3-01-10-WS-434	PRO-WS434	16 × 460 mm
3-01-10-WS-417	PRO-WS417	12 × 210 mm	3-01-10-WS-435	PRO-WS435	18 × 210 mm
3-01-10-WS-418	PRO-WS418	12 × 260 mm	3-01-10-WS-436	PRO-WS436	18 × 260 mm

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-437	PRO-WS437	18 × 310 mm
3-01-10-WS-438	PRO-WS438	18 × 360 mm
3-01-10-WS-439	PRO-WS439	18 × 400 mm
3-01-10-WS-440	PRO-WS440	18 × 460 mm
3-01-10-WS-441	PRO-WS441	20 × 210 mm
3-01-10-WS-442	PRO-WS442	20 × 260 mm
3-01-10-WS-443	PRO-WS443	20 × 310 mm
3-01-10-WS-444	PRO-WS444	20 × 350 mm
3-01-10-WS-445	PRO-WS445	20 × 400 mm
3-01-10-WS-446	PRO-WS446	20 × 460 mm
3-01-10-WS-480	PRO-WS480	7 × 110 mm
3-01-10-WS-481	PRO-WS481	7 × 160 mm
3-01-10-WS-482	PRO-WS482	9 × 110 mm
3-01-10-WS-483	PRO-WS483	9 × 160 mm
3-01-10-WS-484	PRO-WS484	10 × 310 mm
3-01-10-WS-485	PRO-WS485	10 × 360 mm

## SDS PLUS PGM CERTIFIED DRILL BITS

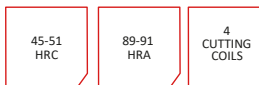


- Drill bits made of high quality 40Cr alloy steel with hardness HRC 45-51 and YG8 carbide tip with high hardness HRA 89-91.
- Drill bits automatically soldered in a German vacuum furnace.
- Two carbide blades welded at 1120°C high temperature.
- Durable, stronger and highly resistant drill bit and blade surface.
- Classic winding makes it easy to transport the drilling dust and work efficiently.
- PGM Association Certified Drill [www.pgm.eu](http://www.pgm.eu)
- Only the drills produced according to the latest technology and strict tolerance limits bear the PGM mark (Prüfgemeinschaft Mauerbohrer).
- The mark guarantees geometrically accurate holes so that the fasteners used will provide solid support and achieve rated values.
- Tool holder: SDS PLUS.

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-550	PRO-WS550	5 × 120 mm
3-01-10-WS-551	PRO-WS551	5 × 210 mm
3-01-10-WS-552	PRO-WS552	6 × 100 mm
3-01-10-WS-553	PRO-WS553	6 × 200 mm
3-01-10-WS-554	PRO-WS554	8 × 120 mm
3-01-10-WS-555	PRO-WS555	8 × 200 mm
3-01-10-WS-556	PRO-WS556	8 × 300 mm
3-01-10-WS-557	PRO-WS557	10 × 120 mm
3-01-10-WS-558	PRO-WS558	10 × 200 mm
3-01-10-WS-559	PRO-WS559	10 × 300 mm
3-01-10-WS-560	PRO-WS560	12 × 150 mm
3-01-10-WS-561	PRO-WS561	12 × 200 mm
3-01-10-WS-562	PRO-WS562	12 × 300 mm

# POWER TOOL ACCESSORIES

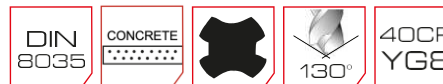
## SDS ENDURANCE MAX CROSS TIP DRILL BIT



- Drill bits made of high quality 40Cr alloy steel with HRC 45-51 hardness and tips made of YG8 high hardness carbide HRA 89-91.
- The full 4 coils of cutter and the reinforced centering tip give you the ability to drill safely into hard materials - especially reinforced concrete.
- The electrofusion welding process makes the steel body and solid carbide tip tightly bonded to extend the life.
- The special shape of the grooves, enables fast transportation of drilling dust and high drilling speed.
- Tool holder: SDS PLUS

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-500	PRO-WS500	5 × 160 mm	3-01-10-WS-513	PRO-WS513	10 × 110 mm
3-01-10-WS-501	PRO-WS501	5 × 210 mm	3-01-10-WS-514	PRO-WS514	10 × 160 mm
3-01-10-WS-502	PRO-WS502	6 × 110 mm	3-01-10-WS-515	PRO-WS515	10 × 210 mm
3-01-10-WS-503	PRO-WS503	6 × 160 mm	3-01-10-WS-516	PRO-WS516	10 × 260 mm
3-01-10-WS-504	PRO-WS504	6 × 210 mm	3-01-10-WS-517	PRO-WS517	10 × 310 mm
3-01-10-WS-505	PRO-WS505	6 × 260 mm	3-01-10-WS-518	PRO-WS518	10 × 460 mm
3-01-10-WS-506	PRO-WS506	6 × 310 mm	3-01-10-WS-519	PRO-WS519	10 × 600 mm
3-01-10-WS-507	PRO-WS507	8 × 110 mm	3-01-10-WS-520	PRO-WS520	12 × 160 mm
3-01-10-WS-508	PRO-WS508	8 × 160 mm	3-01-10-WS-521	PRO-WS521	12 × 210 mm
3-01-10-WS-509	PRO-WS509	8 × 210 mm	3-01-10-WS-522	PRO-WS522	12 × 260 mm
3-01-10-WS-510	PRO-WS510	8 × 260 mm	3-01-10-WS-523	PRO-WS523	12 × 310 mm
3-01-10-WS-511	PRO-WS511	8 × 310 mm	3-01-10-WS-524	PRO-WS524	12 × 460 mm
3-01-10-WS-512	PRO-WS512	8 × 460 mm	3-01-10-WS-525	PRO-WS525	12 × 600 mm

## DRILL BIT SETS FOR CONCRETE



### SDS PLUS 4 PCS.

CODE	CAT NO.
3-01-10-WZ-031	PRO-ZW031



- Drill bits made of high quality alloy steel, creating a reliable tool for the job.
- Innovative carbide cutting geometry for aggressive demolition effect.
- Core with reinforced helix geometry to give more energy when striking from a pitchfork drill crown.
- Designed for drilling in concrete and stone.
- SDS tool holder.
- 4 pcs. - sizes 5, 6, 8, 10 x 160 mm.

### SDS PLUS 5 PCS.

CODE	CAT NO.
3-01-10-WZ-032	PRO-ZW032



- Drill bits made of high quality alloy steel, creating a reliable tool for the job.
- Innovative carbide cutting geometry for aggressive demolition effect.
- Core with reinforced helix geometry to give more energy when striking from a pitchfork drill crown.
- Designed for drilling in concrete and stone.
- SDS tool holder.
- 5 pcs. - dimensions: 5, 6 x 110 mm i 8, 10, 12 x 160 mm.



# POWER TOOL ACCESSORIES

## DRILL BIT SETS FOR STONE

**WIDIA 5 PCS.**



CODE	CAT NO.
3-01-10-WZ-035	PRO-ZW035

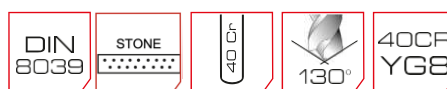


- Cylindrical widia drill bits for stone.
- Universal application in various surfaced (masonry brick, silicate brick, etc.).
- High drilling performance and long service life.
- Tool holder: cylindrical.
- 5 pcs. - dimensions: 5 x 85 mm; 6 x 100 mm; 7, 8, 10 x 150 mm

**WIDIA 8 PCS.**



CODE	CAT NO.
3-01-10-WZ-036	PRO-ZW036



- Cylindrical widia drill bits for stone.
- Universal application in various surfaces (masonry brick, silicate brick, etc.).
- High drilling performance and long service life.
- Tool holder: cylindrical.
- 8 pc - dimensions: 3 x 70 mm; 4 x 75 mm; 5 x 85 mm; 6, 7 x 100 mm; 8, 9, 10 x 120 mm

## POINT CHISELS

**SDS PLUS**



CODE	CAT NO.	DIMENSIONS
3-01-10-WS-601	PRO-WA601	14 x 250 mm



- SDS-plus point chisel 250 mm.
- Point chisel for rotary hammers without rev-lock.
- Application: Concrete, brick.

**ENDURANCE SDS PLUS CRMO PICK**



CODE	CAT NO.	DIMENSIONS
3-01-10-WS-620	PRO-WS620	14 x 250 mm



- CRMO (chromium molybdenum) steel.
- Chisel point for rotary hammers without rev-lock.
- Processed material: concrete, reinforced concrete (ferroconcrete), granite, artificial and natural stone, brick, masonry, plaster, etc. size: 14 mm x 250 mm.
- Tool holder: SDS PLUS

**ENDURANCE SDS MAX CRMO PICK**



CODE	CAT NO.	DIMENSIONS
3-01-10-WS-630	PRO-WS630	18 x 280 mm



- CRMO (chromium molybdenum) steel.
- Point chisel for rotary hammers without rev-lock.
- Processed material: concrete, reinforced concrete (ferroconcrete), granite, artificial and natural stone, brick, masonry, plaster, etc. size: 14 mm x 250 mm.
- Tool holder: SDS PLUS

# POWER TOOL ACCESSORIES

## MIDDLEBREAKER

### SDS PLUS CRMO MIDDLEBREAKER



14 x 24  
0

SDS  
MAX

STEEL  
40CR

- High impact steel 40Cr.
- Curved shape of the working part - for easier drilling of furrows.
- Recommended for use with rotary hammers.
- Application: Concrete, reinforced concrete, granite, artificial and natural stone, brick, masonry, plaster, etc.
- Size: 14 mm x 240 mm x 22 mm
- Tool holder: SDS PLUS

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-615	PRO-WS615	14 x 240 x 22 mm

### SDS MAX MIDDLEBREAKER



18 x 300  
x 26 mm

SDS  
MAX

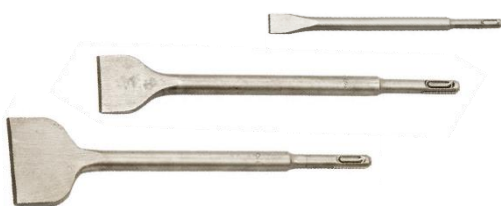
STEEL  
40CR

- High impact steel 40Cr.
- Curved shape of the working part - for easier drilling of furrows.
- Recommended for use with rotary hammers.
- Application: Concrete, reinforced concrete, granite, artificial and natural stone, brick, masonry, plaster, etc.
- Size: 18 mm x 300 mm x 26 mm
- Tool holder: SDS MAX

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-635	PRO-WS635	18 x 2300 x 26 mm

## CHISELS

### SDS PLUS FLAT CHISEL



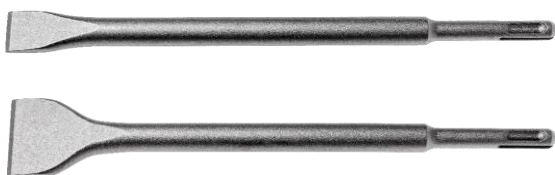
STEEL  
40CR

CONCRETE

- DSD PLUS flat chisel.
- For rotary hammers without rev-lock.
- Application: Concrete, brick.

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-610	PRO-WA610	14 x 250 x 20 mm
3-01-10-WS-611	PRO-WA611	14 x 250 x 40 mm
3-01-10-WS-612	PRO-WA612	14 x 250 x 60 mm

### ENDURANCE SDS PLUS CRMO FLAT CHISEL



SDS  
PLUS

CrMo

- CRMO (chromium molybdenum) steel.
- Point chisel for rotary hammers without rev-lock.
- Application: Concrete, reinforced concrete, granite, artificial and natural stone, brick, masonry, plaster, etc.
- Tool holder: SDS PLUS.

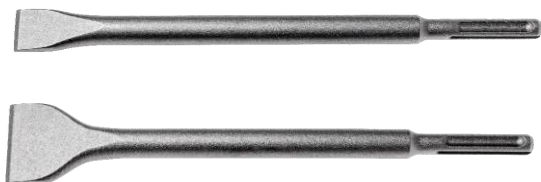
CODE	CAT NO.	DIMENSIONS
3-01-10-WS-621	PRO-WS621	14 x 250 x 20 mm
3-01-10-WS-622	PRO-WS622	14 x 250 x 40 mm
3-01-10-WS-623	PRO-WS623	14 x 250 x 60 mm

# POWER TOOL ACCESSORIES

## ENDURANCE SDS MAX CRMO FLAT CHISEL

SDS  
MAX

CrMo



- CRMO (chromium molybdenum) steel.
- Point chisel for rotary hammers without rev-lock.
- Application: Concrete, reinforced concrete, granite, artificial and natural stone, brick, masonry, plaster, etc.
- Tool holder: SDS max.

CODE	CAT NO.	DIMENSIONS
3-01-10-WS-631	PRO-WS631	18 x 280 x 25 mm
3-01-10-WS-632	PRO-WS632	18 x 300 x 50 mm
3-01-10-WS-633	PRO-WS633	18 x 300 x 70 mm

## HOLESAWS

COOL  
WAX

DRY

M14

### DIAMOND DRY-CUTTING HOLESAW



- Diamond dry cutting holesaws with vacuum brazed diamond.
- M14 mounting spindle for direct mounting on an angle grinder.
- Designed for making holes in ceramic tiles, stone gres tiles and other hard materials.
- Sizes 5mm to 16mm additionally equipped with cooling wax, which facilitates ergonomic work.
- Circular motions during drilling are recommended to cool the diamond surfaces.

#### WITH COOLING WAX

CODE	CAT NO.	DIMENSIONS
3-01-10-WA-292	PRO-WA292	5mm
<b>3-01-10-WA-293</b>	<b>PRO-WA293</b>	<b>6mm</b>
3-01-10-WA-294	PRO-WA294	8mm
<b>3-01-10-WA-295</b>	<b>PRO-WA295</b>	<b>10mm</b>
3-01-10-WA-296	PRO-WA296	12mm
<b>3-01-10-WA-297</b>	<b>PRO-WA297</b>	<b>14mm</b>
3-01-10-WA-298	PRO-WA298	16mm

#### WITHOUT WAX

CODE	CAT NO.	DIMENSIONS
3-01-10-WA-299	PRO-WA299	18mm
3-01-10-WA-300	PRO-WA300	20mm
3-01-10-WA-301	PRO-WA301	25mm
3-01-10-WA-302	PRO-WA302	27mm
3-01-10-WA-303	PRO-WA303	35mm
3-01-10-WA-304	PRO-WA304	38mm

#### WITHOUT WAX

CODE	CAT NO.	DIMENSIONS
3-01-10-WA-305	PRO-WA305	45mm
3-01-10-WA-306	PRO-WA306	55mm
3-01-10-WA-307	PRO-WA307	65mm
3-01-10-WA-308	PRO-WA308	68mm
3-01-10-WA-309	PRO-WA309	75mm

### DIAMOND WET-CUTTING HOLESAW

WET

PILOT  
DRILL



CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WA-200	PRO-WA200	20mm	3-01-10-WA-205	PRO-WA205	45mm
3-01-10-WA-201	PRO-WA201	25mm	3-01-10-WA-206	PRO-WA206	55mm
3-01-10-WA-202	PRO-WA202	30mm	3-01-10-WA-207	PRO-WA207	65mm
3-01-10-WA-203	PRO-WA203	35mm	3-01-10-WA-208	PRO-WA208	68mm
3-01-10-WA-204	PRO-WA204	38mm	3-01-10-WA-209	PRO-WA209	75mm

- Holesaws designed for precise and clean wet cutting of gres tiles, ceramics, porcelain and composites. Designed for non-hammered drilling.
- The pilot drill allows for fast and precise cutting without chipping the materials being cut.
- Steel body with high quality diamond electroplated edge.
- A hole in the side of the drill provides effective cooling and removal of dust and chips.
- Equipped with a sponge for cooling the holesaw during operation and dust leveling.

# POWER TOOL ACCESSORIES

## SDS WIDIA CONCRETE HOLESAW



SDS PLUS	YG	M22
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- Diamond holesaws with YG8 tungsten carbide teeth for drilling in masonry, natural stone, artificial stone, concrete, etc.
- The outer edge of the holesaw is provided with a spiral cut-out for the removal of material and holes for cooling the tool.
- SDS PLUS holder.

CODE	CAT NO.	DIMENSIONS
3-01-10-WA-401	PRO-WA501	65mm
3-01-10-WA-402	PRO-WA502	68mm
3-01-10-WA-403	PRO-WA503	80mm

7W1	WOOD	STEEL 65Mn	PILOT DRILL
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## 7-IN-1 WOOD HOLE SAW



CODE	CAT NO.	DEPTH
3-01-10-WA-001	PRO-WA001	25mm
3-01-10-WA-002	PRO-WA002	50mm

- Fret saws are designed for fast and precise drilling of holes in wood, plasterboard, chipboards, building panels, plastic, etc.
- Blades made of 65 Mn manganese steel. Blade teeth especially hardened. Finished with a steel clamping plate and pilot drill.
- Set includes 7 holesaws in sizes: 25mm, 32mm, 38mm, 45mm, 50mm, 56mm, 62mm.

## DRILL BITS FOR WOOD

### AUGER DRILL BITS FOR WOOD



DIN 1052	WOOD	CARBON STEEL	CENTERING CONE
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CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WS-700	PRO-WS700	10x105 mm	3-01-10-WS-711	PRO-WS711	20x230 mm
3-01-10-WS-701	PRO-WS701	12x105 mm	3-01-10-WS-712	PRO-WS712	22x230 mm
3-01-10-WS-702	PRO-WS702	14x105 mm	3-01-10-WS-713	PRO-WS713	10x460 mm
3-01-10-WS-703	PRO-WS703	16x105 mm	3-01-10-WS-714	PRO-WS714	12x460 mm
3-01-10-WS-704	PRO-WS704	6x230 mm	3-01-10-WS-715	PRO-WS715	16x460 mm
3-01-10-WS-705	PRO-WS705	8x230 mm	3-01-10-WS-716	PRO-WS716	18x460 mm
3-01-10-WS-706	PRO-WS706	10x230 mm	3-01-10-WS-717	PRO-WS717	20x460 mm
3-01-10-WS-707	PRO-WS707	12x230 mm	3-01-10-WS-718	PRO-WS718	22x460 mm
3-01-10-WS-708	PRO-WS708	14x230 mm	3-01-10-WS-719	PRO-WS719	24x460 mm
3-01-10-WS-709	PRO-WS709	16x230 mm	3-01-10-WS-720	PRO-WS720	25x460 mm
3-01-10-WS-710	PRO-WS710	18x230 mm	3-01-10-WS-721	PRO-WS721	36x460 mm

- Drill bits designed for deep and precise drilling in soft and hard wood, chipboard, plywood.
- They are made of high-grade carbon steel and end with a threaded guide cone for precise guidance.
- Used in construction joinery - roofing and structural.
- Drill bits manufactured to DIN1052 standard.

# POWER TOOL ACCESSORIES

## SPIRAL DRILL BITS FOR WOOD



CODE	CAT. NO.	DIMENSIONS
3-01-10-WS-804	PRO-WS804	6x90 mm
3-01-10-WS-805	PRO-WS805	6x250 mm
3-01-10-WS-806	PRO-WS806	7x110 mm
3-01-10-WS-807	PRO-WS807	8x120 mm
3-01-10-WS-808	PRO-WS808	8x250 mm
3-01-10-WS-809	PRO-WS809	9x125 mm
3-01-10-WS-810	PRO-WS810	10x130 mm
3-01-10-WS-811	PRO-WS811	10x250 mm
3-01-10-WS-812	PRO-WS812	11x140 mm
3-01-10-WS-813	PRO-WS813	12x150 mm
3-01-10-WS-814	PRO-WS814	12x250 mm

- They are designed for precision drilling of small and medium diameter holes in the material.
- Drill bits designed for drilling in wood, uncoated chipboard, plywood and fiberboard.
- They are made of high quality carbon steel with a centering point and two cutting edges.
- Can be used in hand drills, electric drills and lathes.
- Point additionally machine sharpened for more accurate centering.
- Drill bits manufactured to a standard similar to DIN7487-G.

## DRILL BITS FOR WOOD



CODE	CAT. NO.	DIMENSIONS	CODE	CAT. NO.	DIMENSIONS
3-01-10-WS-900	PRO-WS900	10x152 mm	3-01-10-WS-911	PRO-WS911	30x152 mm
3-01-10-WS-901	PRO-WS901	12x152 mm	3-01-10-WS-912	PRO-WS912	32x152 mm
3-01-10-WS-902	PRO-WS902	14x152 mm	3-01-10-WS-913	PRO-WS913	34x152 mm
3-01-10-WS-903	PRO-WS903	16x152 mm	3-01-10-WS-914	PRO-WS914	35x152 mm
3-01-10-WS-904	PRO-WS904	18x152 mm	3-01-10-WS-915	PRO-WS915	36x152 mm
3-01-10-WS-905	PRO-WS905	20x152 mm	3-01-10-WS-916	PRO-WS916	38x152 mm
3-01-10-WS-906	PRO-WS906	22x152 mm	3-01-10-WS-917	PRO-WS917	40x152 mm
3-01-10-WS-907	PRO-WS907	24x152 mm	3-01-10-WS-918	PRO-WS918	45x152 mm
3-01-10-WS-908	PRO-WS908	25x152 mm	3-01-10-WS-919	PRO-WS919	48x152 mm
3-01-10-WS-909	PRO-WS909	26x152 mm	3-01-10-WS-920	PRO-WS920	50x152 mm
3-01-10-WS-910	PRO-WS910	28x152 mm			

- Drill bits for larger diameters.
- They have curved cutting edges for precise cutting.
- Special design for easy drilling into hard wood and e.g. knots.
- Drill bits hardened for longer service life and greater durability.

# POWER TOOL ACCESSORIES

## SHIELDS

Discs / Wheels - an abrasive tool consisting of abrasive grains and an abrasive carrier - a bond. The abrasive grains (alumina, silicon carbide, boron nitride, or diamond) do not have any specific shape, and their size affects the specific surface roughness.

Ceramic bonded electrocorundum and silicon carbide grinding wheels are widely used in almost all industries. The possibility of a wide modification of their parameters and good abrasive properties made it possible to machine most of the materials currently used with this type of grinding wheels. Electrocorundum is a synthetic abrasive composed of crystalline aluminum oxide ( $\alpha\text{-Al}_2\text{O}_3$ ) called alumina and a small amount of admixtures.

**PRO discs / grinding wheels work with hand-held angle, face/vertical, straight grinders with electric and pneumatic drive.**

### DISC FOR METAL



- Thin discs for efficient, precise cutting.
- Used for cutting universal, structural, tool steels.
- Characteristics: short cutting time, reduced energy consumption, long service life, comfortable work.
- 6mm thick discs for efficient, precise grinding of steel surfaces.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-512	PRO-WT512	115 x 1.0 x 22.23
3-01-10-WT-501	PRO-WT501	125 x 1.0 x 22.23
3-01-10-WT-502	PRO-WT502	125 x 1.6 x 22.23
3-01-10-WT-503	PRO-WT503	125 x 2.5 x 22.23
3-01-10-WT-505	PRO-WT505	125 x 6.0 x 22.23
3-01-10-WT-504	PRO-WT504	230 x 2.0 x 22.23

### METAL INOX DISC



- Discs designed for most cutting operations on steel, cast iron, steel materials. Particularly items with larger cross-sectional areas: bars, flat bars, sheets, castings, stainless and acid-resistant steels.
- Discs with a higher degree of hardness - lighter cutting, especially on harder grades of material.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-513	PRO-WT513	115 x 1.0 x 22.23
3-01-10-WT-506	PRO-WT506	125 x 1.0 x 22.23
3-01-10-WT-507	PRO-WT507	125 x 1.6 x 22.23
3-01-10-WT-508	PRO-WT508	230 x 2.0 x 22.23

### ABRASIVE INOX FLAP DISC



- A flap disc with a durable polyester backing.
- For machining structural, carbon and stainless steel. For heavy, aggressive grinding, edging, chamfering, weld removal, deburring.
- High performance, resistant to edge grinding, longer service life.

CODE	CAT. NO.	DIMENSIONS	CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-621	PRO-WT621	40 x 125 mm	3-01-10-WT-624	PRO-WT624	100 x 125 mm
3-01-10-WT-622	PRO-WT622	60 x 125 mm	3-01-10-WT-625	PRO-WT625	120 x 125 mm
3-01-10-WT-623	PRO-WT623	80 x 125 mm			

# POWER TOOL ACCESSORIES

## FLAP DISC FOR METAL



- For machining: metal, wood and especially for surface grinding.
- Soft grinding, no vibration.
- High material removal rate.

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WT-601	PRO-WT601	40 x125 mm	3-01-10-WT-604	PRO-WT604	100 x125 mm
3-01-10-WT-602	PRO-WT602	60 x 125 mm	3-01-10-WT-605	PRO-WT605	120 x 125 mm
3-01-10-WT-603	PRO-WT603	80 x125 mm			

## CORUNDUM CUTTING DISC FOR METAL



- Wheels designed for most of the cutting operations on steel, cast iron, cast steel materials, especially items with larger cross-sectional areas: bars, flat bars, metal sheets, casting riser heads.
- Medium hardness - for lighter cuts, especially on harder grades of material.



CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-10-WT-001		41-125 x 1.0 x 22.23	3-01-10-WT-003		41-125 x 2.5 x 22.23
3-01-10-WT-002		41-125 x 1.6 x 22.23	3-01-10-WT-004		41-230 x 2.0 x 22.23

## CORUNDUM GRINDING DISC



- Thin grinding wheels for efficient, precise cutting.
- Used for cutting general purpose, structural, tool, stainless and acid resistant steels.
- Features: short cutting time, reduced energy consumption, long service life, comfortable work.



CODE	CAT NO.	DIMENSIONS
3-01-10-WT-005	PRO-WV005	27-125 x 6.0 x 22.23

## CORUNDUM DISCS FOR METAL - INOX



- Thin grinding wheels for efficient, precise cutting.
- Used for cutting general purpose, structural, tool, stainless and acid resistant steels.
- Features: short cutting time, reduced energy consumption, long service life, comfortable work.



CODE	CAT NO.	DIMENSIONS
3-01-10-WT-006	PRO-WT006	41-125 x 1.0 x 22.23
3-01-10-WT-007	PRO-WT007	41-125 x 1.6 x 22.23
3-01-10-WT-008	PRO-WT008	41-230 x 2.0 x 22.23

# POWER TOOL ACCESSORIES

## DISCS FOR STONE

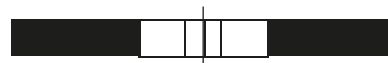
SILICON CARBIDE  
(98C)

STONE

CUTTING



- Wheels designed for cutting concrete, ferroconcrete, terrazzo, natural and artificial stones, ceramic materials, as well as brittle, hard cast iron.



CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-009	PRO-WT009	41-125 x 1.0 x 22.23

## DIAMOND SEGMENT DISCS

DIAMETER  
115-230mm

OPENING  
22.2

7mm

WET  
DRY



- For dry and wet cutting of concrete, brick, clinker, natural and artificial stone.
- Mounting hole: 22.2 mm - suitable for use with angle grinders.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-101	PRO-WT101	115 x 22.2 mm
3-01-10-WT-102	PRO-WT102	125 x 22.2 mm
3-01-10-WT-103	PRO-WT103	180 x 22.2 mm
3-01-10-WT-104	PRO-WT104	230 x 22.2 mm

## SOLID DIAMOND DISCS

DIAMETER  
115-230mm

OPENING  
22.2  
mm

5mm

WET



- For cutting ceramics, tiles, concrete, terracotta, brick, stone, etc.
- Full body suitable for wet cutting.
- Mounting hole: 22.2 mm - suitable for use with angle grinders.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-105	PRO-WT105	115 x 22.2 mm
3-01-10-WT-106	PRO-WT106	125 x 22.2 mm
3-01-10-WT-107	PRO-WT107	180 x 22.2 mm
3-01-10-WT-108	PRO-WT108	230 x 22.2 mm

## TURBO DIAMOND DISCS

DIAMETER  
115-230mm

OPENING  
22.2

7mm

WET



- Turbo blade for cutting concrete, stone, hard ceramic, stoneware, thin stone, etc.
- Full body suitable for wet cutting.
- Mounting hole: 22.2 mm - suitable for use with angle grinders.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-109	PRO-WT109	115 x 22.2 mm
3-01-10-WT-110	PRO-WT110	125 x 22.2 mm
3-01-10-WT-111	PRO-WT111	180 x 22.2 mm
3-01-10-WT-112	PRO-WT112	230 x 22.2 mm



# POWER TOOL ACCESSORIES

## DIAMOND BLADES FOR SLIM CERAMICS



- Ceramic slim disc for cutting concrete, stone - hard ceramics, stoneware, clinker, reinforced concrete.
- Full body suitable for wet cutting.
- Mounting hole: 22.2 mm - suitable for use with angle grinders.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-120	PRO-WT120	115x1.2x10x22.2 mm
3-01-10-WT-121	PRO-WT121	125x1.2x10x22.2 mm

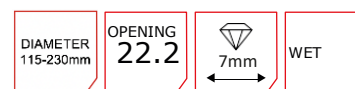
## ENDURANCE SOLID DIAMOND DISCS



- High quality hot stamped diamond blades.
- Dense diamond coating.
- Extremely efficient and durable.
- Increased cutting speed and blade life.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-135	PRO-WT135	200x7x1.6x 25.4 mm
3-01-10-WT-134	PRO-WT134	125x7x1.2x22.2 mm
3-01-10-WT-133	PRO-WT133	115x7x1.2x22.2 mm

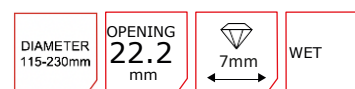
## ENDURANCE DIAMOND SEGMENT DISCS



- High quality hot stamped diamond blades.
- Dense diamond coating.
- Extremely efficient and durable.
- Increased cutting speed and blade life.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-130	PRO-WT130	115x7x1.2x22.2 mm
3-01-10-WT-131	PRO-WT131	125x7x1.2x22.2 mm
3-01-10-WT-132	PRO-WT132	230x7x1.8x22.2 mm

## TURBO ENDURANCE DIAMOND DISCS



- High quality hot stamped diamond blades.
- Dense diamond coating.
- Extremely efficient and durable.
- Increased cutting speed and blade life.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-136	PRO-WT136	115 x 7 x 1.2 x 22.2 mm
3-01-10-WT-137	PRO-WT137	125 x 7 x 1.2 x 22.2 mm
3-01-10-WT-138	PRO-WT138	230 x 7 x 1.8 x 22.2 mm

# POWER TOOL ACCESSORIES

## VACUUM BRAZED SEGMENTED DIAMOND DISCS



DIAMETER  
125mm

OPENING  
22.2  
mm

- The blade is designed for dry cutting with a grinding machine and does not require additional cooling.
- Very wide application for all kinds of materials like tiles, stoneware, brick, steel, wood, plastic etc.
- Diamond coating is applied by vacuum brazing, which increases the resistance of the blade to high temperatures and improves performance.
- Special design for fast disc cooling and effective heat dissipation.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-151	PRO-WT151	125 x 22.2 mm

## COLD PRESSED DIAMOND SEGMENTED DISC



DIAMETER  
350-400mm

OPENING  
32  
mm

4300  
rpm

- Disc with sintered diamond blade. Long life. Quick cut.
- Application: for stone, old concrete, concrete products, brick, building materials, asphalt, etc.
- Compensation grooves allow dry operation without the need for water cooling.
- Reducing rings included: 32mm x 25.4 mm and 32 mm x 22.23 mm

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-201	PRO-WT201	350x10x2.2x3.6mm
3-01-10-WT-202	PRO-WT202	400x10x2.6x4.0mm

## LASER-WELDED SEGMENTED DIAMOND DISCS



24  
TEETH

DIAMETER  
350-400mm

OPENING  
32  
mm

4300  
rpm

- Shield on steel backing. Designed for cutting stone, brick, asphalt, granite curbs, reinforced concrete.
- Diamond blade for perfect, professional cuts.
- Disc with increased resistance to high temperatures.
- High dry cutting performance, easy to cut reinforced concrete.
- Reducing rings included: 32mm x 25.4 mm and 32 mm x 22.23 mm

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-211	PRO-WT211	350x10x2.4x3.2mm
3-01-10-WT-212	PRO-WT212	400x10x2.6x3.4mm

## "PLANER" WOOD SAW BLADE



DIAMETER  
125mm

OPENING  
22.2  
mm

3 TEETH

- Saw blade for angle grinder - unique three-toothed design specially developed for use with angle grinders operating at high speeds (up to 12,200 rpm).
- It is designed to work with: wood, plywood, chipboard, fiberboard, drywall, plastic and PVC.
- Use: Cutting in wood, profiling, cleaning and sanding, notching and grooving, rip-cutting and cross-cutting of all types of wood and other materials. Cutting and picking in aerated concrete, etc.

CODE	CAT. NO.	DIMENSIONS
3-01-10-WT-150	PRO-WA150	125 x 3T x 3.8 x 22.23 mm

# POWER TOOL ACCESSORIES

## DIAMOND CUTTING AND GRINDING DISC



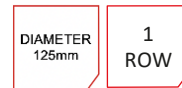
- Designed for cutting and grinding stone tiles, ceramic tiles, stoneware, etc.
- The diamond coating is applied by electroplating - reducing the risk of vibration during cutting and grinding.
- Double-sided disc with the possibility to switch the spindle and use both sides of the disc. Be careful not to damage the screws after the changover.
- Tool socket: M14

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-152	PRO-WT152	125 x 1.6 x 30 mm

## DIAMOND GRINDING DISCS

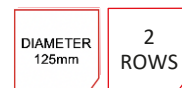
- For fast cutting of thick layers of concrete.
- Effective in leveling concrete, granite and natural stone surfaces, etc.
- The design allows for edge grinding, such as chamfering the edges of slabs of concrete, granite and natural stone.
- Effectively matts the surface before applying a new coating.
- High quality diamonds fixed with special soft bond to make tool wear slow, especially when machining hard materials.
- Large gaps and openings for better dust removal and segment cooling.

### SINGLE



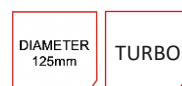
CODE	CAT NO.	DIMENSIONS
3-01-10-WT-270	PRO-WT270	125 x 5 x 22.23 mm

### DOUBLE



CODE	CAT NO.	DIMENSIONS
3-01-10-WT-250	PRO-WT250	125 x 5 x 22.23 mm

### TURBO



CODE	CAT NO.	DIMENSIONS
3-01-10-WT-260	PRO-WT260	125 x 5 x 22.23 mm

12

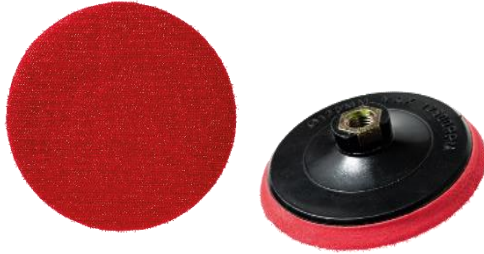
# POWER TOOL ACCESSORIES

## GRINDING DISCS

M14

VELCRO

### UNIVERSAL GRINDING DISC WITH HOOK AND LOOP



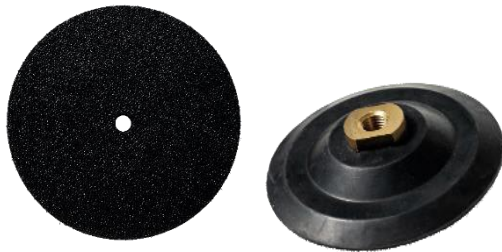
- Mounting for angle grinders with M14 spindle thread.
- Comes with an adapter to allow attachment to a drill.
- Thick sponge stabilizes work by dampening vibrations
- Velcro fastening for paper, mesh or disc
- Durable plastic structure

CODE	CAT NO.	DIMENSIONS
3-01-10-WA-005	PRO-WA005	100mm
3-01-10-WA-006	PRO-WA006	125mm

### VELCRO-BACKED

1/4"

VELCRO



- Attaches to equipment with 1/4 tool holder.
- Velcro attachment for paper, mesh or disc.
- Flexible rubber disc design.

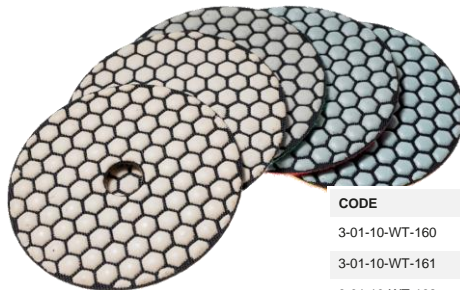
CODE	CAT NO.	DIMENSIONS
3-01-10-WA-008	PRO-WA008	100mm

### DIAMOND GRINDING DISC

100mm

HARD MATERIALS

VELCRO



- For dry grinding and polishing of ceramics, stoneware, natural stone, terrazzo, glass, etc.
- Applied, top quality diamond surface for efficient work with the hardest materials.
- Velcro backed disc, easily attached and replaced. Provides excellent finish to flat surfaces as well as cut edges.

CODE	CAT NO.	GRAIN	CODE	CAT NO.	GRAIN
3-01-10-WT-160	PRO-WT160	50	3-01-10-WT-163	PRO-WT163	400
3-01-10-WT-161	PRO-WT161	100	3-01-10-WT-164	PRO-WT164	800
3-01-10-WT-162	PRO-WT162	200	3-01-10-WT-165	PRO-WT165	1500

## DIAMOND GRINDING BLOCK



CODE	CAT NO.	GRAIN
3-01-10-WA-010	PRO-WA010	60
3-01-10-WA-011	PRO-WA011	120
3-01-10-WA-012	PRO-WA012	200
3-01-10-WA-013	PRO-WA013	400

- For smoothing cut edges and surfaces of stoneware, ceramic tiles and natural stones. Perfect for grinding and smoothing hard materials: stone, glass, ceramic, hard plastic, fiberglass, etc.
- The ergonomic and flexible design of the knuckle makes work easier and does not tire the hand.
- Application: Grinding and smoothing of cut edges, removal of stains or rust, polishing of corners and places difficult to reach with power tools.
- Dry running cubes, very efficient, waterproof and hard to damage.
- Functions of each grain size: #60, #120 and #200 for smoothing (the smaller the number, the larger the grain and the faster material abrasion), #400 for polishing.
- Size of diamond surface 55x90 mm.

# POWER TOOL ACCESSORIES

## JIGSAW BLADE SETS

### WZ-JIG-S10A



10 pcs.

SET A

- Jigsaw blade set includes blades for cutting wood, chipboard, plywood, sheet metal, aluminum and non-ferrous metals, tile, cast iron.



#### ABBREVIATIONS

T - T-grip

HCS - High Carbon Steel

HSS - High Speed Steel

BIM - Bi Metal Steel

CODE	CAT NO.
3-01-10-WZ-040	PRO-WA040

### WZ-JIG-S10B

- Jigsaw blade set includes blades for cutting wood, particle board, plywood, sheet metal, aluminum and non-ferrous metals.

#### Abbreviations

T - T-grip

HCS - High Carbon Steel

HSS - High Speed Steel

BIM - Bi Metal Steel

CODE	CAT NO.
3-01-10-WZ-041	PRO-WA041



### WZ-JIG-S10C

- Jigsaw blade set includes blades for cutting wood, chipboard, plywood.

#### ABBREVIATIONS

T - T-grip

HCS - High Carbon Steel

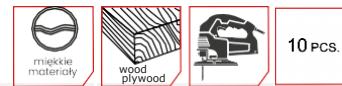
HSS - High Speed Steel

BIM - Bi Metal Steel

CODE	CAT NO.
3-01-10-WZ-042	PRO-WA042



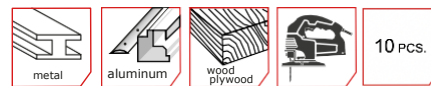
	CUTTING	STEEL AND TEETH	MATERIAL
T127D	Precise straight cut	HSS, tooth set, milled	Thin to thick sheets (3-15 mm), tubes + profiles (diameter <30 mm), aluminum
T101B	Pure straight cut	HCS, side and teeth - ground	Soft wood, particle board, carpentry, fibreboard (3-30 mm)
T244B	fast and curvilinear cutting	HCS, teeth set, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
T101BR	clean cut without scratches	HCS, side and teeth - ground	Soft wood, particle board, carpentry, fiberboard (3-30 mm), laminated boards,
T144D	high-speed cutting	HCS, teeth set, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
T111C	DIY quick cut	HCS, teeth opened, milled	Soft wood (4-50 mm), chipboard, blockboard, fibreboard,
	pure and	HCS, with teeth	Softwood, plywood, panels
T101AO	curvilinear cutting	pointed, side and coated (1.5-15 mm) ground teeth	
T118A	DIY	HSS, corrugated, milled	Thin sheets (1-3 mm)
T118BF	Flexible, durable, resistant to breaking	BIM, corrugated, milled	Medium-thick plates, sheets perforated (2.5-6 mm), wood, plastic
T150RIF	Precise and effortless	Coated with carbide, grain size 50	For soft glaze, cast iron (5-10 mm),



10 pcs.

SET B

	CUTTING	STEEL AND TEETH	MATERIAL
T118A	DIY	HSS, corrugated, milled	Thin sheet metal (1-3 mm), aluminum and non-ferrous metals
T127D	Precise straight cut	HSS, teeth opened, milled	Thin to thick plates (3-15 mm), tubes + profiles (diameter <30 mm)
T111C	DIY quick cut	HCS, teeth set, milled	Soft wood (4-50 mm), chipboard, blockboard, fibreboard, high speed cutting
T101B	Pure straight cut	HCS, side and teeth - ground	Soft wood, particle board, carpentry, fibreboard (3-30 mm)
T119BO	DIY cutting curvilinear	HCS, corrugated, milled	Soft wood (2-15 mm), plywood, chipboard, blockboard, fiberboard,



10 pcs.

SET C

	CUTTING	STEEL AND TEETH	MATERIAL
T144D	high-speed cutting	HCS, teeth set, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
T101D	clean cut	HCS, side and teeth - ground	Soft wood, particle board, carpentry - ground (10-45 mm)
T111C	DIY quick cut	HCS, teeth set, milled	Soft wood (4-50 mm), chipboard, blockboard, fibreboard, high speed cutting
T101B	Pure straight cut curvilinear	HCS, side and teeth - ground	Soft wood, particle board, carpentry, fibreboard (3-30 mm)
		HCS, corrugated,	Soft wood (2-15 mm), plywood, chipboard, blockboard, fiberboard,
T101AO	pure and curvilinear cutting	HCS, with teeth pointed, side and teeth ground	Softwood, plywood, coated boards (1.5-15 mm)

# POWER TOOL ACCESSORIES

## SET A

- Jigsaw blade set includes blades for cutting wood, chipboard, plywood.



5 PCS.



### ABBREVIATIONS

**T - T-ario**

**HCS - High Carbon Steel**

**HSS - High Speed**

**BIM - Bi Metal Steel**

CODE	CAT NO.
3-01-10-WZ-045	PRO-WA045

	CUTTING	STEEL AND TEETH	MATERIAL
T101B	Clean straight cut	HCS, side and teeth ground	Soft wood, chipboard, blockboard, fibreboard (3-30 mm)
T244D	Fast and curvilinear cutting	HCS, teeth opened, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
	T111C DIY quick cut	HCS, tooth set, milled	Soft wood (4-50 mm), chipboard, blockboard, fibreboard, high speed cutting
T144D	fast cut	HCS, teeth opened, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
T119B0	DIY cutting curvilinear	HCS, corrugated, milled	Soft wood (2-15 mm), plywood, chipboard, blockboard, fiberboard,

## SET B

- Jigsaw blade set includes blades for cutting wood, particle board, plywood, sheet metal, aluminum and non-ferrous metals.



5 PCS.



### ABBREVIATIONS

**T - T-grip**

**HCS - High Carbon Steel**

**HSS - High Speed**

**BIM - Bi Metal Steel**

CODE	CAT NO.
3-01-10-WZ-046	PRO-WA046

	CUTTING	STEEL AND TEETH	MATERIAL
T118A	DIY	HSS, corrugated, milled	Thin metal sheets (1-3 mm), aluminum
T127D	Precise straight cut	HSS, teeth opened, milled	Thin to thick plates (3-15 mm), tubes + profiles (diameter <30 mm)
T111C	DIY quick cut	HCS, teeth opened, milled	Soft wood (4-50 mm), chipboards, woodworking, fibreboard,
T144D	fast cut	HCS, teeth opened, ground	Soft wood (5-50 mm), chipboard, blockboard, fibreboard
T119B0	DIY curvilinear cutting	HCS, corrugated, milled	Soft wood (2-15 mm), plywood, chipboard, blockboard, fiberboard,

## SET C

- Jigsaw blade set includes blades for cutting thin sheet metal and non-ferrous metals.



5 PCS.



### ABBREVIATIONS

**T - T-grip**

**HCS - High Carbon Steel**

**HSS - High Speed Steel**

**BIM - Bi Metal Steel**

CODE	CAT NO.
3-01-10-WZ-047	PRO-WA047

	CUTTING	STEEL AND TEETH	MATERIAL
T118B	DIY	HSS, corrugated, milled	Thin sheets (1-3 mm),

## FRONT BRUSHES

**FRONT BRUSH CORRUGATED WIRE HANDLE 6MM**

ø50mm  
ø60mm  
ø75mm

M6

CRIMPED WIRE



- Professional front brush with optimally hardened crimped wire for efficient work in roughing applications.
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-301	PRO-WA401	50mm
3-01-10-WT-302	PRO-WA402	60mm
3-01-10-WT-303	PRO-WA403	75mm

# POWER TOOL ACCESSORIES

## FRONT BRUSH CORRUGATED WIRE HANDLE M14



ø60mm ø75mm ø100mm	<b>M1</b>	CRIMPED WIRE
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- Professional front brush with optimally hardened crimped wire for efficient work in roughing applications.
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-306	PRO-WA406	60mm
3-01-10-WT-407	PRO-WA407	75mm
3-01-10-WT-408	PRO-WA408	100mm

## FRONT BRUSH TWISTED WIRE HOLDER M14



ø60mm ø75mm ø100mm	<b>M1</b>	CRIMPED WIRE
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- Professional front brush with optimally hardened crimped wire for efficient work in roughing applications.
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-311	PRO-WA311	60mm
3-01-10-WT-312	PRO-WA312	75mm
3-01-10-WT-313	PRO-WA313	100mm

## DISC BRUSH CORRUGATED WIRE HANDLE 6MM



ø60mm ø75mm ø100mm	<b>M6</b>	CRIMPED WIRE
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- Maximum performance when working on steel or heavily corroded surfaces
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-316	PRO-WA316	60mm
3-01-10-WT-317	PRO-WA317	75mm
3-01-10-WT-318	PRO-WA318	100mm

## DISC BRUSH CORRUGATED WIRE M14 HOLDER



ø100mm ø115mm	<b>M1</b>	CRIMPED WIRE
------------------	-----------	--------------

- Maximum performance when working with medium hard surfaces.
- Dedicated to tools with angle grinders.
- Ability to work at high speeds.
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-321	PRO-WA321	100mm
3-01-10-WT-322	PRO-WA322	115mm

# POWER TOOLS ACCESSORIES

## DISC BRUSH CRIMPED WIRE HANDLE M14



ø100mm	M1	CRIMPED WIRE
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- Maximum performance when removing deep corrosion and thick layers of paint.
- Dedicated to tools with angle grinders.
- Ability to work at high speeds.
- Made of high quality hardened wire.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-325	PRO-WA325	100mm

## DISC BRUSH CRIMPED WIRE HANDLE 6MM



ø17mm ø25mm	M6	CRIMPED WIRE	HARD TO REACH PLACES
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- Universal shank allows attachment to drill chuck and straight grinder.
- Made of high quality hardened wire.
- Ability to work in hard-to-reach places.
- Designed to remove rust, scale, clean surfaces, remove paint, clean welds.

CODE	CAT NO.	DIMENSIONS
3-01-10-WT-328	PRO-WA328	17mm
3-01-10-WT-329	PRO-WA329	25mm

## PH BITSPZ BITS

1/4"	E 6,3	S2
+	PH	



1/4"	E 6,3	S2
+	PZ	



### PH BITS 50 MM

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-004	PRO-WB004	1 x 50 mm	10

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-008	PRO-WB008	1 x 50 mm	10

3-01-22-WB-009	PRO-WB009	2 x 50 mm	10
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### PH BITS 25 MM

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-002	PRO-WB002	1 x 25 mm	25

### PZ BITS 25 MM

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-006	PRO-WB006	1 x 25 mm	25

3-01-22-WB-128	PRO-WB128	2 x 25 mm	100
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### PH BITS 25 MM ANTI-SLIP PZ BITS 25 MM ANTI-SLIP

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-130	PRO-WB130	1 x 25 mm	25
3-01-22-WB-131	PRO-WB131	2 x 25 mm	25

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-132	PRO-WB132	1 x 25 mm	25
3-01-22-WB-133	PRO-WB133	2 x 25 mm	25
3-01-22-WB-135	PRO-WB135	2 x 25 mm	100



# POWER TOOLS ACCESSORIES

## HEX BITSTORX BITS



CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-010	PRO-WB010	3 x 25 mm	10
3-01-22-WB-011	PRO-WB011	4 x 25 mm	10
3-01-22-WB-012	PRO-WB012	5 x 25 mm	10
3-01-22-WB-013	PRO-WB013	6 x 25 mm	10



CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-014	PRO-WB014	10 x 25 mm	10
3-01-22-WB-116	PRO-WB016	20 x 25 mm	10
3-01-22-WB-118	PRO-WB018	30 x 25 mm	10

## MIXED BITS



### SET:

- 1 X PZ1,
- 2 X PZ2,
- 1 X PH1,
- 2 X PH2,
- 1 X HEX3,
- 1 X HEX4,
- 1 X HEX5,
- 1 X HEX6,
- 1 X T10,
- 1 X T15,
- 1 X T20,
- 1 X T25,
- 1 X T30

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-129	PRO-WB129	MIX	15

## BIT SET



### SET:

- 1 x PZ1 25 pcs,
- 1 x PZ2 25 pcs,
- 1 x PH1 25 pcs,
- 2 x PH2 25 pcs,
- 1 x HEX3 10 pcs,
- 1 x HEX4 10 pcs,
- 1 x HEX5 10 pcs,
- 1 x HEX6 10 pcs,
- 1 x T10 10 pcs,
- 1 x T15 10 pcs,
- 1 x T20 10 pcs,
- 1 x T25 10 pcs,
- 1 x T30 10 pcs,
- 1 x MIX (PZ, PH, HEX and T) 15

CODE	CAT NO.
3-01-22-WB-101	PRO-ZB101

# POWER TOOLS ACCESSORIES

## DOUBLE-SIDED BITS BITS WITH PH2 STOP



## DOUBLE-SIDED PZ1 - PZ2 BITS

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-020	PRO-WB020	65 mm	5

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-126	PRO-WB126	2 x 25 mm	2

## MAGNETIC CHUCK



## QUICK-ACTION MAGNETIC CHUCK



CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-122	PRO-WB122	35 x 65 mm	2

CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-201	PRO-WB201	1/4"	1

# POWER TOOLS ACCESSORIES

## ADAPTER FOR CAPS MAGNETIC CAP



CODE	CAT NO.	DIMENSIONS	QUANTITY	CODE	CAT NO.	DIMENSIONS	QUANTITY
3-01-22-WB-023/123	PRO-WB023/123	50 mm	2	3-01-22-WB-124	PRO-WB124	8 mm, 65 mm	2
				3-01-22-WB-125	PRO-WB125	10 mm, 65 mm	2
				3-01-22-WB-138	PRO-WB138	11 mm, 65 mm	2
				3-01-22-WB-139	PRO-WB139	12 mm, 65 mm	2

## BIT SET 20 PIECES



- Made of high quality CrV 6150 steel.
- Hardened, protected against corrosion, additionally reinforced.
- Easy exchange of bits and sockets.
- Large, non-slip, two-component handles for high torque with minimum effort.
- ABS box.

### SET:

- adapter 25 mm, 1/4";
- 25 mm bits:
  - flat bits SL4, SL5 - 2 pieces,
  - ⊕ PH1 and PH2 bits - 2 pieces,
  - ⊕ bits PZ1 and PZ2 - 2 pieces,
  - ⊕ pieces, T15 and T20
  - ⊕ bits - 2 pieces,
  - HEX4 and HEX5 bits - 2 pieces;
- 50 mm bits:
  - PH1, PH2, PZ1, PZ2, T30 and T40;
- socket bits: 8, 10, 12.

CODE	CAT NO.
3-01-22-WB-030	PRO-ZB030

# POWER TOOLS ACCESSORIES

## BIT SET 26 PIECES



- Made of high quality CrV 6150 steel.
- Hardened, protected against corrosion, additionally reinforced.
- Easy exchange of bits and sockets.
- Large, non-slip, two-component handles for high torque with minimum effort.
- ABS box.

CODE	CAT NO.
3-01-22-WB-031	PRO-ZB031

### SET:

- 25 mm bits:
  - SL3, SL4, SL5, SL6 flat bits - 4 pieces, PH bits: PH1, PH2 and PH3 - 3 pieces,
  - ⊕ PZ bits: PZ1, PZ2 and PZ3 - 3 pieces,
  - ⊗ TORX bits: T10, T15, T20, T25, T30 and T40 - 6 pieces,
  - HEX bits: HEX3, HEX4, HEX5 and HEX6 - 4 pieces;
- 50 mm bits:
  - PH2, PH3, PZ1, PZ2, T40;
- socket bits: 8.

## BIT SET 43 PIECES



- Made of high quality CrV 6150 steel.
- Hardened, protected against corrosion, additionally reinforced.
- Easy exchange of bits and sockets.
- Large, non-slip, two-component handles for high torque with minimum effort.
- ABS box.

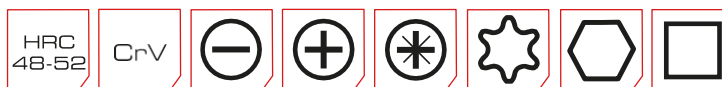
CODE	CAT NO.
3-01-22-WB-032	PRO-ZB032

### SET:

- 25 mm bits:
  - flat bits SL3 (2 pcs), SL4 (2 pcs), SL5 (2 pcs), SL6 (2 pcs), SL7 (2 pcs) - 10 pieces,
  - ⊕ PH1 (3 pcs), PH2 (5 pcs) and PH3 (2 pcs) bits - 10 pieces,
  - ⊕ PZ0, PZ1, PZ2 (3 pcs) and PZ3 bits - 6 pieces,
  - ⊗ TORX T10, T15, T20 (2 pcs), T25 (2 pcs), T27, T30 (2 pieces) and T40 bits - 10 pieces,
  - HEX bits HEX3, HEX4, HEX5 and HEX6 - 4 pieces;
- 50 mm quick release coupling;
- adapter 25 mm, 1/4".

# POWER TOOLS ACCESSORIES

## 41IN1 BIT AND SOCKET SET WITH RATCHET



- Bits and sockets made of high quality chrome vanadium steel.
- Powder coated.
- The large, short, non-slip handle ensures high torque with minimum effort.
- Box made of durable ABS.

### SET:

- Ratchet screwdriver - 1 pc;
- Magnetic holder for bits 60 mm - 1 pc;
- Adapter for socket 25 mm - 1 pc;
- 1/4" sockets - 6 pcs: 5, 6, 7, 8, 9, 10mm;
- Bits 25 mm - 32 pieces:
  - flat bits: SL3, SL4, SL5, SL6, 1/8, 5/32, 3/16, 1/4;
  - ⊕ PH bits: PH0, PH1, PH2, PH3; PZ bits: PZ0, PZ1, PZ2, PZ3;
  - ⊙ SQ bits (square): SQ0, SQ1, SQ2, SQ3;
  - HEX bits: 3, 4, 5, 6, 1/8, 5/32, 3/16, 1/4;
  - ⊗ TORX bits: T15, T20, T25, T30.

CODE	CAT NO.
3-01-30-WZ-105	PRO-ZB105

## IMPACT STEEL BIT SET S2 34IN1



- Bits, sockets and accessories made of high-grade oxidized S2 steel.
- Box made of durable PP.

### SET:

- Extended magnetic holder for bits - 1 pc;
- Magnetic holder for bits - 1 pc;
- Adapter for 3/8 sockets - 1 pc;
- Magnetic socket 1/4", 5/16" - 2 pcs;
- Bits 25 mm - 24 pcs:
  - flat bits: SL6;
  - ⊕ PH bits: PH1, PH2x6, PH3x2;
  - ⊙ SQ bits (square): SQ1, SQ2x3, SQ3x2; TORX bits: T15, T20x3, T25x3, T30;
- Bits 50 mm - 5 pcs:
  - ⊕ PH bits: PH2, PH3;
  - ⊙ SQ bits (square): SQ2;
  - ⊗ TORX bits: T20, T25.

CODE	CAT NO.
3-01-30-WZ-106	PRO-ZB106

# POWER TOOLS ACCESSORIES

## BIT AND DRILL BIT SET IMPACT, STEEL S2 18IN1



- Bits made of high quality oxidized S2 steel.
- Box made of durable PP.



### SET:

- Magnetic holder for bits - 1 pc;
- Bits 25 mm - 8 pcs:
  - ⊕ PH bits: PH2x2, Ph3;
  - ◻ SQ bits (square): SQ2x2, SQ3;
  - ⊖ TORX bits: T20 T25;
- 50 mm bits - 4 pcs:
  - PH bits:
    - ⊕ PH2, PH3;
  - ◻ SQ bits (square): SQ2;
  - ⊖ TORX bits: T25;
- Titanium drills - 5 pcs:
  - 6, 5, 4, 3, 2mm.

CODE	CAT NO.
3-01-30-WZ-107	PRO-ZB107

## SET OF BITS AND SOCKETS



- Made of high quality CrV 6150 steel.
- Hardened, protected against corrosion, additionally reinforced.
- Easy exchange of bits and sockets.
- Large, non-slip, two-component handles for high torque with minimum effort.



### SET:

- T-shaped holder for bits and sockets - 1 pc;
- Ratchet screwdriver - 1 pc;
- Magnetic holder for bits - 1 pc;
- Adapter for socket (25 mm) - 1 pc;
- Bits (6.35x 25 mm) - 16 pcs:
  - ◻ 3 mm, 4 mm, 5 mm, 6 mm,
  - ⊖ PH0, PH1, PH2, PH3,
  - ⊕ PZ0, PZ1, PZ2,
  - ⊕ PZ3, T10, T15,
  - ⊖ T20, T25;
- 1/4" sockets - 9 pcs:
  - ◻ 5 mm, 6 mm, 7 mm, 8 mm, 9 mm,
  - 10 mm, 11 mm, 12 mm, 13 mm.

CODE	CAT NO.
3-01-30-WZ-141	PRO-WZ141

WORKSHOP  
TOOLS 13

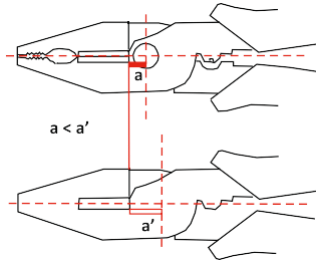


# WORKSHOP TOOLS

## PLIERS AND CUTTERS

### HIGH LEVERAGE system

#### HIGH LEVERAGE PLIERS



Since in pliers and cutters with the HIGH LEVERAGE system the distance between the connecting rivet and the cutting edge (a) is considerably smaller than in standard pliers (a'), less force is required to cut a wire of the same thickness.

#### STANDARD PLIERS

### UNIVERSAL PLIERS



CODE	CAT NO.	LENGTH
3-01-18-01-201	PRO-BY201	160mm
3-01-18-01-202	PRO-BY202	180mm

180mm 160mm	HRC 44-48	HRC BLADE 60-64	CrV 60	DIN 5746
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- Made of cold forged chrome vanadium steel (CrV 60), additionally nickel plated.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component, non-slip handle made of TPR.
- Cutting edges to cut steel bars up to 1.6 or 1.8 mm in diameter depending on the length of the pliers.
- Perfectly shaped jaws to guarantee a good grip on the workpiece.
- Durable jaw serrations to prevent slippage of material.
- 58 mm arm spacing.
- Compliant with DIN 5746.

### UNIVERSAL PLIERS HD



CODE	CAT NO.	LENGTH
3-01-18-01-006	PRO-BY006	160mm
3-01-18-01-007	PRO-BY007	180mm

40% LESS EFFORT	180mm 160mm	HRC 44-48	HRC BLADE 60-64	CrV 60	DIN 5746
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- Made of cold forged chrome vanadium steel (CrV 60), additionally nickel plated.
- 40% less work effort with the HIGH LEVERAGE system.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component, non-slip handle made of TPR.
- Cutting edges - cut steel bars up to 1.6 or 1.8 mm in diameter depending on the length of the pliers.
- Durable jaw serrations to prevent slippage of material.
- Arm distance 55 or 56 mm depending on the length of the pliers.
- Compliant with DIN 5746.



# WORKSHOP TOOLS

## UNIVERSAL PLIERS S-HD

70% LESS EFFORT	200mm	HRC 44-48	HRC BLADE 58-62	Cr-Ni	S-HD SYSTEM	TPR HANDLE
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- Durable structure made of chrome-nickel steel.
- Two-component, non-slip handle made of TPR (thermoplastic rubber).
- 70% less effort during work thanks to the S-HD system.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 58-62.
- Forged, ultra-strong structure reinforced with integral rivets.

CODE	CAT NO.	LENGTH
3-01-18-20-010	PRO-BY010	200 mm

## UNIVERSAL PLIERS

150mm 200mm	HRC 44-48	CrV
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- Forged from high-grade steel and induction hardened.
- Cutting edges carefully machined and sharpened by hand.
- Hardness HRC 44-48.
- Three-position latch.
- Universal design.
- Equipped with an adjustable button.
- Two-component handle.
- Inductively hardened jaws.
- Monoblock design.
- Non-slip TPR handle.

CODE	CAT NO.	LENGTH
3-01-18-20-004	PRO-BY004	150 mm
3-01-18-20-005	PRO-BY005	200mm

## UNIVERSAL PLIERS VDE

160mm 200mm	HRC 44-48	HRC BLADE 60-64	CrV	1000V AC
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- Made of cold forged chrome vanadium steel additionally nickel plated.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of pliers HRC 44-48, cutting blades HRC 60-64.
- Two-component non-slip TPR handle manufactured in accordance with EN60900:2004.
- Cutting edge, allowing cutting of medium hardness steel bars up to 2.0 mm or 2.4 mm in diameter and high hardness wire up to 1.6 mm or 2.0 mm in diameter.
- Perfectly shaped jaws to guarantee a good grip on the workpiece.
- Durable jaw serrations to prevent slippage of material.
- Suitable for working with voltages up to 1000 V AC.

CODE	CAT NO.	LENGTH
3-01-18-10-201	PRO-BV201	160mm
3-01-18-10-202	PRO-BV202	180mm

# WORKSHOP TOOLS

## MORSE STRAIGHT CRIMPING PLIERS



CODE	CAT NO.	LENGTH
3-01-18-01-110	PRO-BY110	210 mm

210mm	HRC 32-38	BLADE HRC 46-50	CrMo
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- Jaws made of cold forged chrome-molybdenum steel (CrMo), additionally nickel plated.
- Handle made of cold forged chrome vanadium steel (CrV), additionally nickel-plated.
- Structural hardness of the pliers HRC 32-38.
- Hardness of the cutting edge structure and jaws HRC 46-50.
- Cutting edges induction hardened.
- Profiled jaws to ensure that the workpiece is properly covered.
- For applications requiring maximum clamping without slipping or sliding.
- Durable jaw serrations to prevent slippage of material.
- A lever mechanism with three pivot points.
- Pliers equipped with a locking system.
- Wire cutter.
- Handle with lock switch and adjustable jaw opening.

## MORSE CURVED CRIMPING PLIERS



CODE	CAT NO.	LENGTH
3-01-18-01-109	PRO-BY109	210 mm

210mm	HRC 32-38	BLADE HRC 46-50	CrMo
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- Jaws made of cold forged chrome-molybdenum steel (CrMo), additionally nickel plated.
- Handle made of cold forged chrome vanadium steel (CrV), additionally nickel-plated.
- Structural hardness of the pliers HRC 32-38.
- Hardness of the cutting edge structure and jaws HRC 46-50.
- Cutting edges induction hardened.
- Profiled jaws to ensure that the workpiece is properly covered.
- For applications requiring maximum clamping without slipping or sliding.
- Durable jaw serrations to prevent slippage of material.
- A lever mechanism with three pivot points.
- Pliers equipped with a locking system.
- Wire cutter.
- Handle with lock switch and adjustable jaw opening.

## VDE FLAT-NOSED PLIERS



CODE	CAT NO.	LENGTH
3-01-18-10-004	PRO-BV004	160 mm

160mm	HRC 44-48	HRC BLADE 60-64	CrV	1000V AC
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- Made of cold forged chrome vanadium steel additionally nickel plated.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component non-slip TPR handle manufactured in accordance with EN60900:2004.
- Perfectly shaped jaws.
- Durable jaw serrations to prevent slippage of material.
- Suitable for working with voltages up to 1000 V AC.



# WORKSHOP TOOLS

## ELONGATED STRAIGHT PLIERS SHD



70% LESS EFFORT	200mm	HRC 44-48	HRC BLADE 58-62	Cr-Ni	S-HD SYSTEM	TPR HANDLE
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- Durable structure made of chrome-nickel steel.
- Two-component, non-slip handle made of TPR (thermoplastic rubber).
- 70% less effort during work thanks to the S-HD system.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 58-62.
- Forged, ultra-strong structure reinforced with integrated rivets.

CODE	CAT NO.	LENGTH
3-01-18-20-011	PRO-BY011	200 mm

## CHANNEL LOCK PLIERS FOR PIPES



250mm 300mm	STEEL 31CrV3	HARDENED IN WHOLE
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- Useful for plumbing and general construction work.
- Made of high quality chrome vanadium steel.
- Hardened in whole.
- Powder coated.
- Double coated handle with PVC and anti-slip coating.

CODE	CAT NO.	LENGTH
3-01-18-20-023	PRO-BY023	250mm
3-01-18-20-024	PRO-BY024	300mm

## CHANNEL LOCK PLIERS



200mm 250mm 300mm	HRC 44-48	CrV	DIN 5746	
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- Forged from high-grade steel and induction hardened.
- Cutting edges carefully machined and sharpened by hand.
- Hardness HRC 44-48.
- Three-position latch.
- Universal design.
- Equipped with an adjustable button.
- Two-component, non-slip handle made of TPR.

CODE	CAT NO.	LENGTH
3-01-18-20-001	PRO-BN001	200mm
3-01-18-20-002	PRO-BN002	250mm
3-01-18-20-003	PRO-BN003	300mm

- Induction hardened jaws.
- Monoblock design.
- 17 position - possible sizes.

# WORKSHOP TOOLS

## AUTOMATIC INSULATION STRIPPER

0.25-6 mm	STEEL A3	ABS
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CODE	CAT NO.
3-01-18-20-019	PRO-BY019

- Used for stripping insulation.
- Working range 0.25 to 6 mm<sup>2</sup>.
- The cutting jaws are made of extremely tough steel with a hardness of 40 - 55 HRC, which ensures long durability of the tool.
- Ergonomic handle made of durable A3 steel for increased comfort.

## AUTOMATIC INSULATION STRIPPER

HRC 40-45	CrV
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CODE	CAT NO.
3-01-18-20-008	PRO-BV008

- Used for stripping and crimping 22 - 10 AWG (American Wire Gauge) connector terminals.
- Working range 0.2 - 6 mm, for crimping terminals 0.2 - 6 mm.
- The cutting jaws are made of extremely durable steel with hardness of 40 - 55 HRC, which ensures long durability of the tool.
- Bimaterial, ergonomic handle increases comfort.

## 6" CABLE PLIERS

8-14 AWG	FORGED STEEL	6"	1.6 2.0 2.6 3.2 mm
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CODE	CAT NO.
3-01-18-20-006	PRO-BC006

- High strength due to the use of forged, hardened steel.
- Easy to use - spring loaded hinge with safety lock.
- For fast stripping without damaging the wire up to size 14 AWG (American Wire Gauge).

## AUTOMATIC INSULATION PLIERS

STRUCTURAL MATERIAL			
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CODE	CAT NO.
3-01-18-20-020	PRO-BY020

- Pliers made of sturdy polyamide material with fiberglass.
- Working range of the pliers: 0.2-6 mm.
- Pliers equipped with a cutter for wires with a maximum diameter of 3mm.
- Handle and jaws can be locked.

# WORKSHOP TOOLS

## INSULATION PLIERS



CODE	CAT NO.
3-01-18-20-007	PRO-BC007

8-20 AWG	0.8-3.2 mm	WIRE CUTTER	2.5 3.0 3.5 4.0 5.0mm
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- Used for stripping and crimping 10 - 22 AWG (American Wire Gauge) connector terminals.
- The elongated end of the pliers allows pulling and looping of wire, cable.
- Inductively hardened blades precisely cut screws of all sizes and leave a perfect guide thread.
- Bimaterial handle to absorb shock during operation.

## EXTERNAL STRAIGHT SEGER PLIERS



CODE	CAT NO.
3-01-18-20-002	PRO-BN002

175 mm	CARBON STEEL	Ni
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- Durable structure of high-grade nickel-plated carbon steel.
- Dual-layer, non-slip handle.
- Pliers for assembling and disassembling circlip rings in machines and equipment of various types.

## EXTERNAL CURVED SEGER PLIERS



CODE	CAT NO.
3-01-18-20-003	PRO-BN003

175 mm	CARBON STEEL	Ni
-----------	-----------------	----

- Durable structure of high-grade nickel-plated carbon steel.
- Dual-layer, non-slip handle.
- Pliers for assembling and disassembling circlip rings in machines and equipment of various types.

## INTERNAL STRAIGHT SEGER PLIERS



CODE	CAT NO.
3-01-18-20-004	PRO-BY004

175 mm	CARBON STEEL	Ni
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- Durable structure of high-grade nickel-plated carbon steel.
- Dual-layer, non-slip handle.
- Pliers for assembling and disassembling circlip rings in machines and equipment of various types.

# WORKSHOP TOOLS

## INTERNAL CURVED SEGER PLIERS

175  
mm

CARBON  
STEEL

Ni



CODE	CAT NO.
3-01-18-30-005	PRO-SS005

- Durable structure of high-grade nickel-plated carbon steel.
- Dual-layer, non-slip handle.
- Pliers for assembling and disassembling circlip rings in machines and equipment of various types.

## PINCERS

180mm

HRC  
42-48

HRC  
BLADE  
58-62

CrV  
60



CODE	CAT NO.
3-01-18-01-205	PRO-BC205

- Made of cold forged chrome vanadium steel (CrV 60) with extra polished working part.
- Structural hardness of the cutter HRC 42-48.
- Hardness of cutting blades HRC 58-62.
- Cutting edge, allowing to cut steel bars up to 1.6 mm in diameter.
- 55 mm arm spacing.
- Compliant with DIN 5746.

## SIDE CUTTER

160mm

HRC  
44-48

HRC  
BLADE  
60-64

CrV  
60



CODE	CAT NO.
3-01-18-01-003	PRO-BC003

- Made of cold forged chrome vanadium steel (CrV 60), additionally nickel-plated.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the cutter HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component, non-slip handle made of TPR.
- Cutting edge, allowing to cut steel bars up to 1.6 mm in diameter.
- 55 mm arm spacing.
- Compliant with DIN 5746.

# WORKSHOP TOOLS

## HD SIDE CUTTER



CODE	CAT NO.
3-01-18-01-008	PRO-BC008

40% LESS EFFORT	160mm	HRC 44-48	HRC BLADE 60-64	CrV 60
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- Made of cold forged chrome vanadium steel (CrV 60), additionally nickel plated.
- 40% less work effort with the HIGH LEVERAGE system.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component, non-slip handle made of TPR.
- Cutting edge - cutting steel bars up to 1.6 mm in diameter.
- 55 mm arm spacing.
- Compliant with DIN 5746.

## S-HD SIDE CUTTER



CODE	CAT NO.
3-01-18-20-012	PRO-BY012

70% LESS EFFORT	200mm	HRC 44-48	HRC BLADE 58-62	Cr-Ni	S-HD SYSTEM	TPR HANDLE
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- Durable structure made of chrome-nickel steel.
- Two-component, non-slip handle made of TPR (thermoplastic rubber).
- 70% less effort during work thanks to the S-HD system.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 58-62.
- Forged, ultra-strong structure reinforced with integral rivets.

## VDE HD SIDE CUTTER



CODE	CAT NO.
3-01-18-10-203	PRO-BY203

40% LESS EFFORT	160mm	HRC 44-48	HRC BLADE 60-64	CrV	1000V AC
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- Made of cold forged chrome vanadium steel additionally nickel plated.
- Hardness of rivet connecting the arms HRC 34-38.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 60-64.
- Two-component non-slip TPR handle manufactured in accordance with EN60900:2004.
- Cutting edge for cutting soft rods diameter up to 2.6 mm, medium hardness up to 2.4 mm and high hardness up to 2.0 mm.
- Suitable for working with voltages up to 1000 V AC.



# WORKSHOP TOOLS

## S-HD FACE CUTTER

70% LESS EFFORT	200mm	HRC 44-48	HRC BLADE 58-62	Cr-Ni	S-HD SYSTEM	TPR HANDLE
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CODE	CAT NO.
3-01-18-20-013	PRO-BY013

- Durable structure made of chrome-nickel steel.
- Two-component, non-slip handle made of TPR (thermoplastic rubber).
- 70% less effort during work thanks to the S-HD system.
- Structural hardness of the pliers HRC 44-48.
- Hardness of cutting blades HRC 58-62.
- Forged, ultra-strong structure reinforced with integrated rivets.

## FACE CUTTER

250mm 300mm	STEEL C50	HARDENED IN WHOLE
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CODE	CAT NO.	LENGTH
3-01-18-20-021	PRO-BY021	250 mm
3-01-18-20-022	PRO-BY022	300mm

- Cutter for pulling and cutting nails and other items.
- Useful for carpentry, roofing and joinery work.
- Made of high quality unalloyed steel C50.
- Hardened in whole.
- Double coated handle with PVC and anti-slip coating.

## FACE CUTTER

160mm	HRC 42-48	HRC BLADE 60-64	CrV 60
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CODE	CAT NO.
3-01-18-01-004	PRO-BC004

- Made of cold forged chrome vanadium steel (CrV 60), additionally nickel plated.
- Hardness of rivet connecting the arms HRC 42-48.
- Structural hardness of the cutter HRC 42-48.
- Hardness of cutting blades HRC 58-62.
- Cutting edge, allowing to cut steel bars up to 2.2 mm in diameter.
- 56 mm arm spacing.
- Compliant with DIN 5746.

## IMPACT SCREWDRIVERS

CrV			
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- Made of high quality CrV 6150 steel.
- Blade oxidized, protected against corrosion, additionally reinforced.
- Magnetic tip.
- Hexagonal reinforcement for increased torque when using a wrench screwdriver.

CODE	CAT NO.	DIMENSIONS	CODE	CAT NO.	DIMENSIONS
3-01-30-WW-045	PRO-WW045	6 x 38 mm	3-01-30-WW-049	PRO-WW049	2 x 38 mm
3-01-30-WW-046	PRO-WW046	5 x 75 mm	3-01-30-WW-050	PRO-WW050	1 x 75 mm
3-01-30-WW-047	PRO-WW047	6 x 100 mm	3-01-30-WW-051	PRO-WW051	2 x 100 mm
3-01-30-WW-048	PRO-WW048	8 x 150 mm	3-01-30-WW-052	PRO-WW052	3 x 150 mm



# WORKSHOP TOOLS

## MECHANICAL SCREWDRIVERS



- Made of high quality CrV 6150 steel.
- Blade oxidized, protected against corrosion, additionally reinforced.
- Magnetic tip.
- Large, non-slip hexagonal handle.

### FLAT MECHANICAL SCREWDRIVERS



CODE	CAT NO.	DIMENSIONS
3-01-30-WW-001	PRO-WW001	3 × 75 mm
3-01-30-WW-002	PRO-WW002	4 × 100 mm
3-01-30-WW-003	PRO-WW003	5 × 100 mm
3-01-30-WW-004	PRO-WW004	6 × 150 mm
3-01-30-WW-005	PRO-WW005	8 × 150 mm

### PH AND PZ MECHANICAL SCREWDRIVERS



CODE	CAT NO.	DIMENSIONS
3-01-30-WW-011	PRO-WW011	0 × 75 mm
3-01-30-WW-012	PRO-WW012	1 × 100 mm
3-01-30-WW-013	PRO-WW013	2 × 100 mm
3-01-30-WW-014	PRO-WW014	3 × 150 mm

CODE	CAT NO.	DIMENSIONS
3-01-30-WW-006	PRO-WW006	0 × 75 mm
3-01-30-WW-007	PRO-WW007	1 × 100 mm
3-01-30-WW-008	PRO-WW008	2 × 100 mm
3-01-30-WW-009	PRO-WW009	2 × 150 mm
3-01-30-WW-010	PRO-WW010	3 × 150 mm

### MECHANICAL TORX SCREWDRIVERS



CODE	CAT NO.	DIMENSIONS
3-01-30-WW-015	PRO-WW015	8 × 75 mm
3-01-30-WW-016	PRO-WW016	10 × 100 mm
3-01-30-WW-017	PRO-WW017	15 × 100 mm
3-01-30-WW-018	PRO-WW018	20 × 100 mm

CODE	CAT NO.	DIMENSIONS
3-01-30-WW-019	PRO-WW019	25 × 100 mm
3-01-30-WW-020	PRO-WW020	27 × 100 mm
3-01-30-WW-021	PRO-WW021	30 × 100 mm
3-01-30-WW-022	PRO-WW022	40 × 125 mm

## VDE SCREWDRIVERS FOR ELECTRICIANS



- Made of high quality CrV 6150 steel.
- Blade oxidized, protected against corrosion additionally reinforced.
- Magnetic tip.
- Suitable for working with voltages up to 1000 V AC.



CODE	CAT NO.	DIMENSIONS
3-01-30-WW-027	PRO-WW027	3 × 100 mm
3-01-30-WW-028	PRO-WW028	4 × 100 mm
3-01-30-WW-029	PRO-WW029	6.5 × 150 mm
3-01-30-WW-030	PRO-WW030	0 × 60 mm
3-01-30-WW-031	PRO-WW031	1 × 80 mm
3-01-30-WW-032	PRO-WW032	2 × 100 mm

# WORKSHOP TOOLS

## SCREWDRIVER SETS

### SCREWDRIVER SET 6IN1



CODE	CAT NO.
3-01-30-WZ-103	PRO-WZ103



- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component hex handle for high torque with minimum effort.

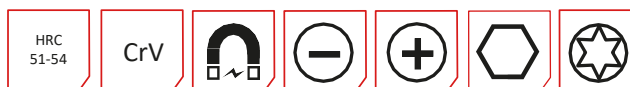
#### SET:

⊖ 5 mm, 6 mm    ⊕ PH1, PH2    ⬡ 6 mm, 8 mm

### SCREWDRIVER SET 12IN1



CODE	CAT NO.
3-01-30-WZ-102	PRO-WZ102



- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component handle for high torque with minimum effort.

#### SET:

⊖ 4 mm, 5 mm, 6 mm    ⊕ PH 1, PH 2, PH3  
 ⬠ T10, T15, T20    ⬡ H3, H4, H5

### SCREWDRIVER SET 14IN1



CODE	CAT NO.
3-01-30-WZ-104	PRO-WZ104



- Made of high quality CrV 6150 steel.
- Ergonomic, easy to use with magnetic tip.
- 3 possible blade positions (straight, 30° and 60° offset), lockable by means of a side button.
- Large, non-slip, two-component handle for high torque with minimum effort.

#### SET:

⊖ 5 mm, 6 mm, 7 mm;    ○ H4, H5, H6;  
 ⊕ PH1, PH2, PH3;    magnetic holder for bits  
 ⬠ T10, T15, T20;    - 1 pc.

### IMPACT SCREWDRIVERS SET



#### SET:

⊖ 8 × 150 mm, 6 × 100 mm, 5 × 75 mm, 6 × 38 mm  
 ⊕ PH 3 × 150 mm, PH 2 × 100 mm, PH 1x 75 mm, PH 2 × 38 mm



- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component hex handle for high torque with minimum effort.
- Impact, oil and grease resistant handle.
- Hexagonal reinforcement for increased torque when using a wrench screwdriver.



CODE	CAT NO.
3-01-30-WZ-111	PRO-WZ111

# WORKSHOP TOOLS

## INSULATED SCREWDRIVERS SET



### SET:

-  1.0 × 5.5 × 125 mm, 0.8 × 4.0 × 100 mm, 0.5 × 3.0 × 100 mm
-  PH 2 × 100 mm, PH 1 × 80 mm
- Voltage tester








- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component hexagonal handle for high torque with minimum effort.
- Handle elements made of plastic, enabling comfortable handling of the screwdriver during work.
- Soft, non-slip zones for full torque transfer through the handle.
- Insulation tested to 10,000 volts, which guarantees safe working conditions up to 1,000 volts according to DIN EN 60900 (IEC 60900: 2004).
- VDE and GS certification markings stamped into the handle.
- IEC 60900 designations: 2004 and 1000 V stamped on the insulating layer of the screwdriver.

CODE	CAT NO.
3-01-30-WZ-122	PRO-WZ122

## INSULATED SCREWDRIVERS SET



### SET:

-  Voltage tester 140 mm
-  1.2 × 6.5 × 100, 1 × 5 × 100, 0.8 × 4 × 100, 0.5 × 3 × 100;
-  PH2 × 100, PH1x 80;
-  PZ2 × 100, PZ1 × 80;
-  T20 × 100, T15 × 100, T10 × 100





- Made of high quality CrV 6150 steel.
- For use at 1000 V AC and 1500 V DC in the temperature range -25°C + 50°C.
- Large, non-slip, 2-component handle for high torque with minimum effort, equipped with a quick-release coupling for easy blade changes.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Each piece of kit tested at 10,000V to ensure safe use.

CODE	CAT NO.
3-01-30-WZ-123	PRO-WZ123

## MECHANICAL SCREWDRIVERS SET



### SET:

-  2 × 100 mm, 1 × 75 mm, 0 × 60 mm, 2 × 38 mm
-  6 × 150 mm, 5 × 125 mm, 3 × 75 mm
- Magnetizer / demagnetizer

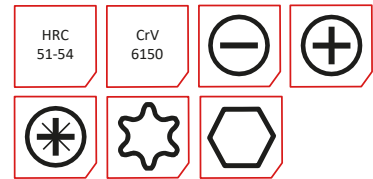


- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component hexagonal handle for high torque with minimum effort.

CODE	CAT NO.
3-01-30-WZ-101	PRO-WZ101

# WORKSHOP TOOLS

## PRECISION SCREWDRIVERS SET



- Made of high quality CrV 6150 steel.
- Blade oxidized, hardened and tempered, corrosion protected, additionally reinforced.
- Magnetic tip.
- Large, non-slip, two-component hexagonal handle for high torque with minimum effort.

### SET:

- T-handle with ratchet for bits - 1 pc;
- Long Bits:
  - flat 163 mm" SL4, SL5 - 2 pieces, PH
  - 150 mm: PH1, PH2 - 2 pieces,
  - TORX 115 mm: T10, T15, T20, T25, T27- 5 pieces, HEX 163 mm: HEX3, HEX4, HEX5, ○ HEX6;
- 50 mm bits:
  - PZ1, PZ2, SL6, T20, T30, T40 - 6 pieces.

CODE	CAT NO.
3-01-30-WZ-142	PRO-WZ142

## T-TYPE HEX SCREWDRIVERS SET



- Made of high quality chrome vanadium steel.
- T-shaped plastic handle with hanging hole.

### SET:

- 4 screwdrivers on front of package, 4 screwdrivers on back
- Sizes: 2, 2.5, 3, 4, 5, 6, 8, 10 mm.

CODE	CAT NO.
3-01-30-WZ-143	PRO-WZ143

# WORKSHOP TOOLS

## VOLTAGE SAMPLERS

DIGITAL



CODE	CAT NO.
3-01-30-WW-101	PRO-WW101



The test is performed "by touch" or induction only by bringing the indicator close to the tested installation.

### Purpose/Application:

- Checking of electric installations in the voltage range of 12-250V.
- The tester is used for direct and indirect checking of AC, DC voltage in the range 12V 250V, grounding.
- Equipped with a tester that detects a break in the insulated wire.

### Technical data:

- maximum voltage 250V
- voltage range 12V - 250V
- DC (direct) and AC (alternating) voltage types
- 3mm wide flat head screwdriver bit (SL3), made of chrome vanadium steel
- LCD display showing the range of detected voltage
- voltage ranges 12V, 36V, 55V, 110V, 250V
- black plastic housing

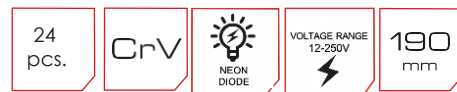
ABS



- Sampler made of durable ABS.
- Length: 140mm
- Measuring range 100 to 250 V AC.
- Features an insulated full-length stem.
- Metal tip made of CrV steel.
- Long life of the neon diode.

CODE	CAT NO.
3-01-30-WW-102	PRO-WW102

190M



- Length: 190mm
- Measuring range 100 to 250 V AC.
- With a clear plastic housing that allows to see the indicator light in any position of the handle.
- Features an insulated full-length stem.
- Metal tip.
- Long life of the neon diode.
- Packaged in 24 pieces per display.

CODE	CAT NO.
3-01-30-WW-103	PRO-WW103

13

# WORKSHOP TOOLS

## ALLEN WRENCH SETS

### SET OF SHORT ALLEN WRENCHES WITH A BALL WT-09-HKK



CODE	CAT NO.
3-01-22-WT-001	PRO-ZK001



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of the wrenches HRC 52-56.
- Ball joint, allowing the wrench to deviate up to 25° in any plane from the bolt axis.
- Hardened wrench working parts.
- Chamfered edges for quick adjustment of wrench to bolt.
- Chrome plated wrench coating for anti-corrosion effect.
- Guaranteed high strength and durability.
- A safety feature that prevents the wrench from slipping out of the screw.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.
- Wrench sizes included: 1.5; 2; 2.5; 3; 4; 5; 6; 8 and 10 mm.

### SET OF LONG ALLEN WRENCHES WT-09-HKD



CODE	CAT NO.
3-01-22-WT-002	PRO-ZK002



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of the wrenches HRC 52-56.
- Ball joint, allowing the wrench to deviate up to 25° in any plane from the bolt axis.
- Hardened wrench working parts.
- The chamfered edges allow a quick fit for the wrench and screw.
- Chrome plated wrench coating for anti-corrosion effect.
- Guaranteed high strength and durability.
- A safety feature that prevents the wrench from slipping out of the screw.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.
- Wrench sizes included: 1.5; 2; 2.5; 3; 4; 5; 6; 8 and 10 mm.

### SET OF LONG ANTI-SLIP ALLEN WRENCHES WT-09-HKDA



CODE	CAT NO.
3-01-22-WT-005	PRO-ZK005



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of the wrenches HRC 52-56.
- Ball joint, allowing the wrench to deviate up to 25° in any plane from the bolt axis.
- Hardened wrench working parts.
- The chamfered edges allow a quick fit for the wrench and screw.
- Chrome plated wrench coating for anti-corrosion effect.
- Additional non-slip coating (red) for safety and comfort.
- Guaranteed high strength and durability.
- A safety feature that prevents the wrench from slipping out of the screw.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.
- Wrench sizes included: 1.5; 2; 2.5; 3; 4; 5; 6; 8 and 10 mm.

# WORKSHOP TOOLS

## TORX WRENCH SETS

### SET OF SHORT TORX WRENCHES WT-09-TOK



CODE	CAT NO.
3-01-22-WT-003	PRO-ZK003



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of wrenches HRC 52-56.
- Hardened wrench working parts.
- The chamfered edges allow a quick fit for the wrench and screw.
- Chrome plated wrench coating for anti-corrosion effect.
- Guaranteed high strength and durability.
- A safety feature that prevents the wrench from slipping out of the screw.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.
- Wrench sizes included: T10; T15; T20; T25; T27; T30 T40, T45; T50.

### SET OF LONG TORX WRENCHES WT-09-TOD



CODE	CAT NO.
3-01-22-WT-004	PRO-ZK004



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of the wrenches HRC 52-56.
- Hardened wrench working parts.
- The chamfered edges allow a quick fit for the wrench and screw.
- Chrome plated wrench coating for anti-corrosion effect.
- Guaranteed high strength and durability.
- A safety feature that prevents the wrench from slipping out of the screw.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.
- Wrench sizes included: T10; T15; T20; T25; T27; T30, T40, T45; T50.

## SET OF TORX AND HEX WRENCHES

### SET OF TORX AND HEX WRENCHES WITH A BALL WT-18-HKTOK



CODE	CAT NO.
3-01-22-WT-006	PRO-ZK006



- Made of high quality chrome vanadium steel (CrV 6150).
- Optimized hardness of the wrenches HRC 52-56.
- Ball joint, allowing the wrench to deviate up to 25° in any plane from the bolt axis.
- Hardened wrench working parts, satin finish.
- Chamfered edges for quick adjustment of wrench to bolt.
- Chrome plated wrench coating for anti-corrosion effect.
- Guaranteed high strength and durability.
- Safety feature to prevent the wrench from slipping.
- The wrench fits to the bolt to prevent deformation and damage to the bolt.
- A set of wrenches equipped with a compact handle made of high-quality plastic.

# WORKSHOP TOOLS

## RING WRENCHES



- Manufactured in compliance with DIN 3113.
- High-quality chrome vanadium steel ensures long-lasting durability of the wrench.
- The 15° offset eyelet makes it easy to work in hard-to-reach places.

LIFETIME WARRANTY

CrV

HRC 42-47

DIN 3113

CODE	CAT NO.	SIZE	CODE	CAT NO.	SIZE
3-01-25-WK-001	PRO-WK001	6mm	3-01-25-WK-012	PRO-WK012	17mm
3-01-25-WK-002	PRO-WK002	7mm	3-01-25-WK-013	PRO-WK013	18mm
3-01-25-WK-003	PRO-WK003	8mm	3-01-25-WK-014	PRO-WK014	19mm
3-01-25-WK-004	PRO-WK004	9mm	3-01-25-WK-015	PRO-WK015	20mm
3-01-25-WK-005	PRO-WK005	10mm	3-01-25-WK-016	PRO-WK016	21mm
3-01-25-WK-006	PRO-WK006	11mm	3-01-25-WK-017	PRO-WK017	22mm
3-01-25-WK-007	PRO-WK007	12mm	3-01-25-WK-018	PRO-WK018	23mm
3-01-25-WK-008	PRO-WK008	13mm	3-01-25-WK-019	PRO-WK019	24mm
3-01-25-WK-009	PRO-WK009	14mm	3-01-25-WK-020	PRO-WK020	27mm
3-01-25-WK-010	PRO-WK010	15mm	3-01-25-WK-021	PRO-WK021	30mm
3-01-25-WK-011	PRO-WK011	16mm	3-01-25-WK-022	PRO-WK022	32mm

## RATCHET RING WRENCH



- The ratchet has 72 teeth which is reflected into a 5 degree working stroke.
- Wrench made of CrV steel.
- Polished wrench.

CrV

HRC 42-47

72T

CODE	CAT NO.	SIZE
3-01-25-WK-301	PRO-WK301	6mm
3-01-25-WK-302	PRO-WK302	8mm
3-01-25-WK-303	PRO-WK303	10mm
3-01-25-WK-304	PRO-WK304	12mm
3-01-25-WK-305	PRO-WK305	13mm
3-01-25-WK-306	PRO-WK306	14mm
3-01-25-WK-307	PRO-WK307	15mm
3-01-25-WK-308	PRO-WK308	17mm
3-01-25-WK-309	PRO-WK309	19mm

## RATCHET AND JOINT RING WRENCH



- The ratchet has 72 teeth which is reflected into a 5 degree working stroke.
- The wrench has a joint that allows to access any hard-to-reach places.
- Wrench made of CrV steel.
- Polished wrench.

CrV

HRC 42-47

JOINT

72T

CODE	CAT NO.	SIZE
3-01-25-WK-321	PRO-WK321	6mm
3-01-25-WK-322	PRO-WK322	8mm
3-01-25-WK-323	PRO-WK323	10mm
3-01-25-WK-324	PRO-WK324	12mm
3-01-25-WK-325	PRO-WK325	13mm
3-01-25-WK-326	PRO-WK326	14mm
3-01-25-WK-327	PRO-WK327	15mm
3-01-25-WK-328	PRO-WK328	17mm
3-01-25-WK-329	PRO-WK329	19mm



# WORKSHOP TOOLS

## SET OF RING WRENCHES



CODE	CAT NO.	QUANTITY
3-01-25-WK-101	PRO-ZK101	8
3-01-25-WK-102	PRO-ZK102	12
3-01-25-WK-103	PRO-ZK103	18

LIFETIME WARRANTY	CrV	HRC 42-47	DIN 3113
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- Manufactured in compliance with DIN 3113.
- High-quality chrome vanadium steel ensures long-lasting durability of the wrench.
- The 15° offset eyelet makes it easy to work in hard-to-reach places.

### SET OF 18 PIECES

Wrench sizes included:

6 mm	17 mm	19 mm	22 mm	24 mm	27 mm	30 mm	32 mm
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### SET OF 12 PIECES

Wrench sizes included:

6 mm	13 mm	15 mm	17 mm	19 mm	22 mm
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### SET OF 8 PIECES

Wrench sizes included:

8 mm	9 mm	10 mm	12 mm	13 mm	14 mm	17 mm	19 mm
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## RATCHET DRIVE WITH A RATCHET FUNCTION



CODE	CAT NO.	QUANTITY
3-01-25-WK-112	PRO-ZK112	12
3-01-25-WK-113	PRO-ZK113	18

LIFETIME WARRANTY	CrV	HRC 42-47	DIN 3113
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- Manufactured in compliance with DIN 3113.
- High-quality chrome vanadium steel ensures long-lasting durability of the wrench.
- The 15° offset eyelet makes it easy to work in hard-to-reach places.
- A handy ratchet wrench which can be used with a ratchet mechanism.

### SET OF 18 PIECES

Wrench sizes included:

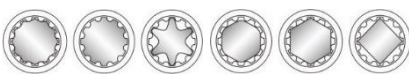
6 mm	17 mm	19 mm	22 mm	24 mm	27 mm	30 mm	32 mm
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### SET OF 12 PIECES

Wrench sizes included:

6 mm	13 mm	15 mm	17 mm	19 mm	22 mm
------	-------	-------	-------	-------	-------

## SUPER DRIVE WITH EYELET FOR 6 TYPES OF SCREWS



CODE	CAT NO.	QUANTITY
3-01-25-WK-121	PRO-ZK121	8
3-01-25-WK-122	PRO-ZK122	12
3-01-25-WK-123	PRO-ZK123	12

LIFETIME WARRANTY	CrV	HRC 42-47	DIN 3113
-------------------	-----	-----------	----------

- Manufactured in compliance with DIN 3113.
- High-quality chrome vanadium steel ensures long-lasting durability of the wrench.
- The 15° offset eyelet makes it easy to work in hard-to-reach places.
- Part with ring wrench designed to loosen 6 types of screws. Wrench part with 30° pitch.

### SET OF 18 PIECES

Wrench sizes included:

6 mm	17 mm	19 mm	22 mm	24 mm	27 mm	30 mm	32 mm
------	-------	-------	-------	-------	-------	-------	-------

### SET OF 12 PIECES

Wrench sizes included:

6 mm	13 mm	15 mm	17 mm	19 mm	22 mm
------	-------	-------	-------	-------	-------

### SET OF 8 PIECES

Wrench sizes included:

8 mm	9 mm	10 mm	12 mm	13 mm	14 mm	17 mm	19 mm
------	------	-------	-------	-------	-------	-------	-------

13

# WORKSHOP TOOLS

## SET OF WRENCHES

FOR MACHINED SCREWS



CODE	CAT NO.	QUANTITY
3-01-25-WK-125	PRO-ZK125	6
3-01-25-WK-126	PRO-ZK126	11

LIFETIME WARRANTY	CrV	HRC 42-47	DIN 3113
-------------------	-----	-----------	----------

- Manufactured in compliance with DIN 3113.
- High-quality chrome vanadium steel ensures long-lasting durability of the wrench.
- The 15° offset eyelet makes it easy to work in hard-to-reach places.
- A handy ratchet wrench which can be used with a ratchet mechanism.

### Set of 11 pieces Set of 6 pieces

Wrench sizes included:

8 mm	9 mm	10 mm	11 mm
12 mm	13 mm	14 mm	15 mm
17 mm	19 mm	22 mm	

Wrench sizes included:

8 mm	9 mm	10 mm	12 mm	13 mm	14 mm
------	------	-------	-------	-------	-------

WITH A RATCHET



CODE	CAT NO.
3-01-25-WK-232	PRO-WK232

Cr	6 pcs.	72T
----	--------	-----

- The ratchet has 72 teeth which is reflected in a 5 degree working stroke.
- Wrenches made of CrV steel.
- Polished wrench.
- SIZES: 12/13/20/10-15-17-19

WITH A RATCHET AND JOINT



CODE	CAT NO.
3-01-25-WK-231	PRO-WK231

Cr	6 pcs.	72T	JOINT
----	--------	-----	-------

- The ratchet has 72 teeth which is reflected in a 5 degree working stroke.
- The wrenches have a joint that allows to reach hard-to-reach places.
- Wrenches made of CrV steel.
- Polished wrench.
- SIZES: 12/13/20/10-15-17-19

# WORKSHOP TOOLS

## SET OF RING WRENCHES 8 PIECES

CrV	HRC 42-47	DIN 3113	8 pcs.
-----	--------------	-------------	-----------



- Manufactured in compliance with DIN 3113.
- High-quality chrome-vanadium steel ensures long-term durability of the wrench.
- Sizes: 8, 9, 10, 12, 13, 14, 17, 19 mm.

CODE	CAT NO.
3-01-25-WK-201	PRO-ZK201

## SET OF RING WRENCHES 12 PIECES

CrV	HRC 42-47	DIN 3113	12 pcs.
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- Manufactured in compliance with DIN 3113.
- High-quality chrome-vanadium steel ensures long-term durability of the wrench.
- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22 mm.

CODE	CAT NO.
3-01-25-WK-202	PRO-ZK202

## SET OF FLAT DOUBLE-SIDED WRENCHES

### SET OF 8 PIECES

CrV	HRC 42-47	DIN 3113	8 pcs.
-----	--------------	-------------	-----------



- Manufactured in compliance with DIN 3113.
- High-quality chrome-vanadium steel ensures long-term durability of the wrench.
- Sizes: 6/7, 8/9, 10/11, 12/13, 14/15, 16/17, 18/19, 20/22 mm.

CODE	CAT NO.
3-01-25-WK-205	PRO-ZK205

## SET OF OFFSET RING WRENCHES

### SET OF 8

CrV	HRC 42-47	DIN 3113	8 pcs.
-----	--------------	-------------	-----------



- Manufactured in compliance with DIN 3113.
- High-quality chrome-vanadium steel ensures long-term durability of the wrench.
- Sizes: 6/7, 8/9, 10/11, 12/13, 14/15, 16/17, 18/19, 20/22 mm.

CODE	CAT NO.
3-01-25-WK-208	PRO-ZK208

# WORKSHOP TOOLS

## RATCHET RING WRENCH 4 IN 1



CrV 4IN1 72T

CODE	CAT NO.	SIZE
3-01-25-WK-241	PRO-WK241	8×9×10×11 mm
3-01-25-WK-141	PRO-WK141	10x13x17x19 mm
3-01-25-WK-243	PRO-WK143	16×17×18×19 mm

- High-quality chrome-vanadium steel ensures long-term durability of the wrench.
- Precise yet powerful ratchet mechanism based on a 72-tooth inner ring.
- Body made of CrV steel alloy.
- Driven even with minimum space, the wrench requires only 5° of tilt.
- Intuitive clockwise and counterclockwise rotation switch.
- Sizes: 10x13x17x19 mm; 8×9×10×11 mm; 16×17×18×19 mm;

## UNIVERSAL RING WRENCH



Cr 8-22 mm 270 mm 35IN1

SCALE	SMALL EYE	LARGE EYE
METRIC	8-13 mm	14-22 mm
INCH	5/16"-1/2"	9/16"-7/8"

TORX E-10-E-14 E-16-E-24

CODE	CAT NO.
3-01-25-WK-161	PRO-WK161

- Made of durable chrome vanadium steel. CrV
- The universal wrench will replace 35 different tools.
- In metric scale, it will replace wrenches in sizes 8-22 mm.
- In inch scale, it will replace wrenches ranging in size from 5/16" to 7/8".
- The universal wrench will replace E-10 to E-24 torx type wrenches.
- The wrench fits most types of nuts and fittings such as hexagonal, round, square or rounded fasteners.
- The specially made inner edges of the wrench allow for a secure grip and no unnecessary wrench jumps.
- Wrench length 270 mm

## 1/2" UNIVERSAL SOCKET



1/2" 11-32 mm

CODE	CAT NO.
3-01-25-WK-144	PRO-WK144

- 1/2" input.
- Outer hexagon up to 47 mm.
- Working rods made of chrome molybdenum steel.
- Hexagonal rods stack on bolts and nuts from 11 - 32 mm.
- For all metric and inch dimensions, tetragonal, pentagonal, hexagonal, octagonal, Torx.

## 3/8" UNIVERSAL SOCKET



3/8" 7-19 mm

CODE	CAT NO.
3-01-25-WK-145	PRO-WK145

- 3/8" input.
- Outer hexagon up to 27 mm.
- Working rods made of chrome molybdenum steel.
- Hexagonal rods stack on bolts and nuts from 7 - 19 mm.
- For all metric and inch dimensions, tetragonal, pentagonal, hexagonal, octagonal, Torx.

# WORKSHOP TOOLS

## UNIVERSAL SOCKET WITH RATCHET 3/8"

Cr	7-19 mm	72T	3/8"
----	---------	-----	------



CODE	CAT NO.
3-01-25-WK-142	PRO-WK142

- Wrench and socket made of chrome vanadium steel;
- 3/8" input.
- Outer hexagon up to 27 mm.
- Working rods made of chrome molybdenum steel.
- Hexagonal rods stack on bolts and nuts from 7-19 mm.
- For all metric and inch dimensions, quadrant, pentagon, hexagon, octagon, TORX.

Examples of screws



Examples of butterflies and hooks



## UNIVERSAL SOCKET WITH RATCHET 1/2"

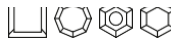
Cr	11-32 mm	72T	1/2"
----	----------	-----	------



CODE	CAT NO.
3-01-25-WK-143	PRO-WK143

- Wrench and socket made of chrome vanadium steel;
- 1/2" input.
- Outer hexagon up to 47 mm.
- Working rods made of chrome molybdenum steel.
- Hexagonal rods stack on bolts and nuts from 11-32 mm.
- For all metric and inch dimensions, quadrant, pentagon, hexagon, octagon, TORX.

Examples of screws



Examples of butterflies and hooks



## HOOK WRENCH FOR PIPES AND BOLTS

CrV	8-25 mm 1/4"-1"	FOR SCREWS AND PIPES
-----	--------------------	----------------------



CODE	CAT NO.
3-01-25-WK-151	PRO-WK151

- High quality chrome vanadium steel ensures long tool life.
- Allows work on pipe and bolts in sizes 8-25 mm, 1/4"-1".
- Precision slide for jaw adjustment.
- Special jaw design with teeth that engage the screw.
- Bimaterial, non-slip handle.
- Ergonomic design for easy one-handed operation even in hard-to-reach places.



# WORKSHOP TOOLS

## STILLSON STEEL WRENCH FOR PIPES

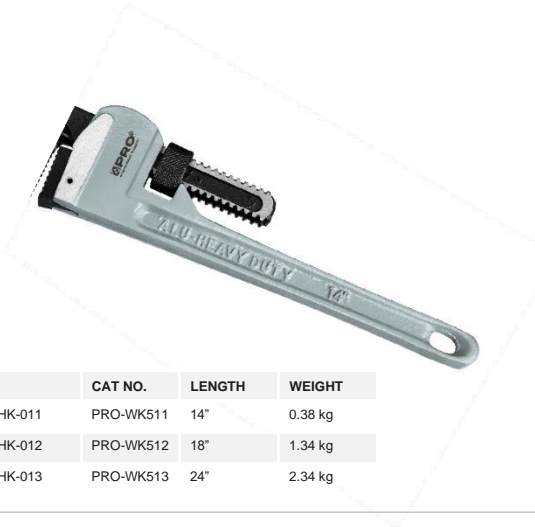


STEEL 10" 14" 18" 24"

- Jaws forged and ground from alloy steel.
- Malleable cast iron body.
- Scale for setting the desired pipe diameter.
- Designed for civil engineering, water construction and the oil and gas industry.

CODE	CAT NO.	LENGTH	WEIGHT
3-01-25-HK-001	PRO-WK501	10"	0.7 kg
3-01-25-HK-002	PRO-WK502	14"	1.34 kg
3-01-25-HK-003	PRO-WK503	18"	2.0 kg
3-01-25-HK-004	PRO-WK504	24"	3.87 kg

## STILLSON ALUMINUM WRENCH FOR

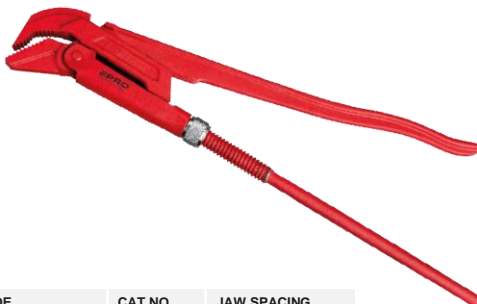


Al 14" 18" 24"

- Super strong, ultra lightweight cast aluminum.
- Jaws forged and ground from alloy steel.
- Scale for setting the desired pipe diameter.
- Designed for civil engineering, water construction and the oil and gas industry.

CODE	CAT NO.	LENGTH	WEIGHT
3-01-25-HK-011	PRO-WK511	14"	0.38 kg
3-01-25-HK-012	PRO-WK512	18"	1.34 kg
3-01-25-HK-013	PRO-WK513	24"	2.34 kg

## PLUMBER WRENCH 45°



CrV STEEL 45° JAWS 430 mm 2"

- Wrench made of chrome vanadium steel.
- Recommended for heavy duty hydraulic work.
- The robust teeth prevent the wrench from slipping on oval objects, pipes and valves or bolts.
- The wrench has a worm mechanism with a screw to regulate the opening of the working jaws and a strong clamping, which is reinforced by the long arms of the wrench
- Jaws of wrench set at 45° to the handle
- Wrench length 430 mm

CODE	CAT NO.	JAW SPACING
3-01-24-HK-023	PRO-WK523	2"

# WORKSHOP TOOLS

## METAL FILE

### FLAT COARSE FILE 200MM

COARSE FILE TYPE "0"	STAL T 12	HRC 60-65	ROZMIAR 200 MM	PROFIL 
-------------------------	--------------	--------------	----------------------	---



- Flat-profile file with "0" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-001	PRO-PW001

### FLAT BLOCK PLANE 200MM

BLOCK PLANE TYPE "1"	T12 STEEL	HRC 60-65	SIZE 200mm	PROFIL 
-------------------------	--------------	--------------	---------------	---



- Flat-profile file with "1" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-002	PRO-PW002

### SEMICIRCULAR COARSE FILE 200MM

COARSE FILE TYPE "0"	T12 STEEL	HRC 60-65	SIZE 200mm	PROFIL 
-------------------------	--------------	--------------	---------------	---



- Half round file with "0" cut for rough work.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-004	PRO-PW004

### SEMICIRCULAR BLOCK PLANE 200MM

BLOCK PLANE TYPE "1"	T12 STEEL	HRC 60-65	SIZE 200mm	PROFIL 
-------------------------	--------------	--------------	---------------	---



- Semicircular file with "1" cut for rough work.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-005	PRO-PW005



# WORKSHOP TOOLS

## ROUND COARSE FILE 200MM

COARSE FILE  
TYPE "0"

T12  
STEEL

HRC  
60-65

SIZE  
200mm



- Round-profile file with "0" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-007	PRO-PW007

## ROUND BLOCK PLANE 200MM

BLOCK PLANE  
TYPE "1"

T12  
STEEL

HRC  
60-65

SIZE  
200mm



- Round-profile file with "1" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-008	PRO-PW008

## TRIANGULAR COARSE FILE 200MM

COARSE FILE  
TYPE "0"

T12  
STEEL

HRC  
60-65

SIZE  
200mm



- Triangular file with "0" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-010	PRO-PW010

## TRIANGULAR BLOCK PLANE 200MM

BLOCK PLANE  
TYPE "1"

T12  
STEEL

HRC  
60-65

SIZE  
200mm



- Triangular file with "1" cut for pre-sanding surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

CODE	CAT NO.
3-01-25-PW-011	PRO-PW011

# WORKSHOP TOOLS

## WOOD FILE

### FLAT COARSE FILE 200MM

COARSE FILE  
TYPE "0"

A3  
STEEL

HRC  
10+

SIZE  
200mm

PROFIL



- Flat-profile file with "0" cut for filing and smoothing surfaces.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with hardness of 10+ HRC.

CODE	CAT NO.
3-01-25-PW-031	PRO-PW031

### FLAT BLOCK PLANE 200MM

BLOCK PLANE  
TYPE "1"

A3  
STEEL

HRC  
10+

SIZE  
200mm

PROFIL



- Flat-profile file with "1" cut for filing and surface smoothing.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with hardness of 10+ HRC

CODE	CAT NO.
3-01-25-PW-032	PRO-PW032

### SEMICIRCULAR COARSE FILE 200MM

COARSE FILE  
TYPE "0"

A3  
STEEL

HRC  
10+

SIZE  
200mm

PROFIL



- Semi-circular file with "0" cut for filing and surface finishing.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with a hardness of 10+ HRC.

CODE	CAT NO.
3-01-25-PW-034	PRO-PW034

### SEMICIRCULAR BLOCK PLANE 200MM

BLOCK PLANE  
TYPE "1"

A3  
STEEL

HRC  
10+

SIZE  
200mm

PROFIL



- Semi-circular file with "1" cut for filing and surface finishing.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with hardness of 10+ HRC.

CODE	CAT NO.
3-01-25-PW-035	PRO-PW035

# WORKSHOP TOOLS

## ROUND COARSE FILE 200MM

COARSE FILE TYPE "0"	A3 STEEL	HRC 10+	SIZE 200mm	PROFIL 
-------------------------	-------------	------------	---------------	---



- File with round profile and "0" cut for filing, surface leveling.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with hardness of 10+ HRC.

CODE	CAT NO.
3-01-25-PW-037	PRO-PW037

## ROUND BLOCK PLANE 200MM

BLOCK PLANE TYPE "1"	A3 STEEL	HRC 10+	SIZE 200mm	PROFIL 
-------------------------	-------------	------------	---------------	---



- File with round profile and cut "1" for filing, surface leveling.
- For machining wood, soft plastics and soft materials.
- Made of A3 steel with a hardness of 10+ HRC.

CODE	CAT NO.
3-01-25-PW-038	PRO-PW038

## CHAIN SHARPENING FILE

### 4.0MM 200MM

GCr15 STEEL	HRC 60-65	SIZE 200mm	4.0 MM
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- A file with a special profile and cut for sharpening saw chains.

CODE	CAT NO.
3-01-25-PW-051	PRO-PW051

### 4.8MM 200MM

GCr15 STEEL	HRC 60-65	SIZE 200mm	4.8 MM
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- Made of GCr15 bearing steel with hardness of 60 - 65 HRC.
- A file with a special profile and cut for sharpening saw chains.
- Made of GCr15 bearing steel with hardness of 60 - 65 HRC.

CODE	CAT NO.
3-01-25-PW-052	PRO-PW052

# WORKSHOP TOOLS

## FILE SET

FOR METAL 200MM 3PCS



BLOCK PLANE TYPE „1”	T12 STEEL	HRC 60-65	SIZE 200mm
3 PCS.	PROFIL	PROFIL	PROFIL

CODE	CAT NO.
3-01-25-PW-101	PRO-PW101

- A set of files with flat, round and half-round profiles and a cut type "1" for pre-sawing surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

FOR WOOD



COARSE FILE TYPE „0”	A3 STEEL	HRC 10+	SIZE 200mm
3 PCS.	PROFIL	PROFIL	PROFIL

CODE	CAT NO.
3-01-25-PW-103	PRO-PW103

- Set of files with round and half-round profile and cut type "0" for initial surface sawing.
- For machining wood and soft plastics and other materials.
- Made from A3 high carbon steel with hardness of 10+ HRC.

SET OF NEEDLE FILES 160MM 6PCS



HRC 60-65	GCr15 STEEL	6 PCS.	SIZE 160mm
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CODE	CAT NO.
3-01-25-PW-107	PRO-PW107

- A set of files with flat, round, semicircular, triangular and square edges for filing and smoothing surfaces.
- For machining metal and hard plastics and other materials.
- Made of high carbon T12 steel with hardness of 60-65 HRC.

FOR WOOD AND METAL 10PCS WITH INTERCHANGEABLE HANDLE



COARSE FILE TYPE „0”	+	BLOCK PLANE TYPE „1”	+	SIZE 150mm	→	SIZE 250mm
T12 STEEL		STEEL 45		HRC 60-65		

CODE	CAT NO.
3-01-25-PW-109	PRO-PW109

- A 10 in 1 set of files with flat, round, semicircular and cut "0" and "1" edges for working on different surfaces.
- For machining metal, hard plastics, wood, soft materials and other materials.
- Made from T12 and A13 high carbon steels.

# HEALTH AND SAFETY 14



# HEALTH AND SAFETY

## GEL KNEE PADS

### GEL KNEE PADS N-480

2 PCS.	POLYESTER HD	GEL
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CODE	CAT NO.
3-01-13-01-01	PRO-NK001

- Sturdy and very durable gel knee pads with injection molded anti-compressive gel.
- Provide knee protection for work that requires kneeling.
- The large surface area of the knee pad protects the tibias and distributes knee pressure over a larger area.
- Designed especially for tile setters, roofers, pavers, for the home, workshop and garden.
- Universal Size.

### GEL KNEE PADS N-490

2 PCS.	POLYESTER HD	GEL
-----------	-----------------	-----

Thick, high-density foam with closed cells in its structure for all-day comfort.

Elastic bands with Velcro straps ensure a quick and perfect fit.

Large pad with low profile specially designed to prevent loss of grip.



Made of durable 600HD polyester fabric.

Special profile for easy positioning of the knee pad

Neoprene straps for stability and comfort

CODE	CAT NO.
3-01-13-01-02	PRO-NK002

- Flexible and durable Velcro fasteners ensure the knee pads stay in place.
- The profile of the knee pad allows you to work safely in a seated position while supporting your body weight on your heels.
- The foam padding is trimmed with extra durable nylon for maximum cushioning.
- Perforated neoprene lining keeps moisture out.
- Universal size.

## POLYESTER KNEE PADS

### POLYESTER KNEE PADS N-380

2 PCS.	VELCRO	POLYESTER HD	EVA
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CODE	CAT NO.
3-01-13-01-03	PRO-NK003

- Anti-compression knee pads.
- Neoprene EVA foam padding for maximum comfort, plus protection from moisture and cold.
- Elastic VELCRO closures with drawstrings for perfect knee pad positioning.
- Covered with a very durable polyester material.
- Universal Size.

# HEALTH AND SAFETY

## POLYESTER KNEE PADS N-280



2 PCS.	VELCRO	POLYESTER HD	EVA
-----------	--------	-----------------	-----

- Anti-compression knee pads.
- Neoprene EVA foam padding for maximum comfort, plus protection from moisture and cold.
- Elastic VELCRO closures with drawstrings for perfect knee pad positioning.
- Covered with a very durable polyester material.
- Plastic protective cap permanently riveted to the knee pad.
- Universal Size.

CODE	CAT NO.
3-01-13-01-04	PRO-NK004

## PROTECTIVE KNEE PADS FOR PANTS

### N-E510



2 PCS.	EVA	EN 14404	CE
-----------	-----	----------	----

- Knee pads made of flexible EVA foam.
- Knee pads for protective pants and dungarees with pockets for knee pads.
- It is possible to adjust the size of the knee pads by trimming.
- Provide knee protection for work that requires kneeling.
- Reinforced knee pads conform to EN 14404:2004+A1:2010 standard and are CE certified

CODE	CAT NO.
3-01-13-01-10	PRO-NK010

### N-E520



2 PCS.	EVA	EN 14404	CE
-----------	-----	----------	----

- Knee pads made of flexible EVA foam.
- Knee pads for protective pants and dungarees with pockets for knee pads.
- It is possible to adjust the size of the knee pads by trimming.
- Provide knee protection for work that requires kneeling.
- Reinforced knee pads conform to EN 14404:2004+A1:2010 standard and are CE certified

CODE	CAT NO.
3-01-13-01-11	PRO-NK011

## TOOL BELT



600D POLYESTER	7 POCKETS
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- Tool belt 24 x 28 cm.
- Strap.
- 7 pockets.
- Additionally integrated hammer holder.
- Polyester 600 D - lightweight, UV resistant.

CODE	CAT NO.
3-01-13-OR-014	PRO-SN014

# HEALTH AND SAFETY

## TOOL BELT

600D  
POLYESTER

16  
POCKETS



- Tool belt 76 x 33 cm.
- 16 pockets.
- Additionally integrated hammer holder.
- Polyester 600 D - lightweight, UV resistant.
- Waist size 80-120cm.

CODE

3-01-13-OR-015

CAT NO.

PRO-SN015

## TOOL BELT

600D  
POLYESTER

15  
POCKETS



- Tool belt 61 x 30 cm.
- 15 pockets.
- Additionally integrated hammer holder.
- Polyester 600 D - lightweight, UV resistant.
- Waist size 80-120cm.

CODE

3-01-13-OR-016

CAT NO.

PRO-SN016

## TOOL BELT WITH LEATHER STRAP

LEATHER

600D  
POLYESTER

18  
POCKET



- 74 x 41 cm tool belt with leather strap.
- 2 capacious tool pouches - 18 pockets.
- Belt padded inside with breathable and soft mesh.
- Additionally integrated hammer holder.
- Polyester 600 D - lightweight, UV resistant.
- Leather belt 143x5cm.
- Waist size 80-120cm.
- Leather grommets on the belt allow for mounting harnesses.

CODE

3-01-13-OR-018

CAT NO.

PRO-SN018

## HAMMER HOLDER

POLYESTER

HANDMADE

1200D  
POLYESTER



- Product made of 1200 D polyester.
- Handle made of high-grade steel.

CODE

3-01-13-OR-020

CAT NO.

PRO-SN020



# HEALTH AND SAFETY

LEATHER



- Product made of high quality leather.
- Handle made of high-grade steel.

CODE	CAT NO.
3-01-13-OR-021	PRO-SN021

## UNIVERSAL TOOL HOLSTER



- Universal tool holster 19 x 23 cm.
- For attaching to a tool belt or waistband.
- 9 pockets.
- Additionally integrated holders for tape measures, tapes, etc.
- Polyester 600 D - lightweight, UV resistant.

CODE	CAT NO.
3-01-13-OR-017	PRO-SN017

## POWER TOOL HOLSTER



POLYESTER POWER TOOL HOLSTER



- Holster made of durable 600D polyester.
- Reinforced with rivets at joints.
- Tool holder with stabilizing strap.
- Drill and bit separators.

CODE	CAT NO.
3-01-13-OR-023	PRO-SN023

ENDURANCE LEATHER/POLYESTER POWER TOOL HOLSTER



- Holster made of durable 1200D polyester and suede leather.
- Reinforced with rivets at joints.
- Tool holder with stabilizing strap.
- Drill and bit separators.

CODE	CAT NO.
3-01-13-OR-024	PRO-SN024

# HEALTH AND SAFETY

## LEATHER BELT

LEATHER  
600D  
POLYESTER



- Leather belt 143 x 5 cm.
- For attaching holsters and tool pouches.
- Polyester 600 D - lightweight, UV resistant.
- Waist size 80-120cm.
- The belt also appears in the index 3-01-13-OR-018.

CODE	CAT NO.
3-01-13-OR-019	PRO-SN019

## LEATHER TOOL BELT

SUEDE  
STRENGTHENED  
WITH RIVETS  
HANDMADE  
10  
POCKETS



- Belt made of suede leather.
- Strengthened with rivets at the joints.
- 2 large pockets and 2 medium-sized tool pockets.
- Steel holder for measuring tape.
- 6 smaller pockets for screwdrivers, pencils, pliers, etc.
- 2 leather holders for hammers.
- Strap made of durable polyester with three-point snap buckle.
- Size 80-120cm.

CODE	CAT NO.
3-01-13-OR-050	PRO-SN050

## LEATHER TOOL BELT

SUEDE  
STRENGTHENED  
WITH RIVETS  
HANDMADE  
8  
POCKETS



- Belt made of suede leather.
- Strengthened with rivets at the joints.
- 2 large tool pockets.
- 6 smaller pockets for screwdrivers, pencils, pliers etc.
- 2 leather holders for hammers.
- Strap made of durable polyester with three-point snap buckle.
- Size 80-120cm.

CODE	CAT NO.
3-01-13-OR-051	PRO-SN051

## ENDURANCE POLYESTER AND LEATHER TOOL BELT

SUEDE  
HANDMADE  
STRENGTHENED  
WITH RIVETS  
1680D  
POLYESTER



- Belt made of durable 1680D polyester and suede leather. Elements filled with highly flexible EVA foam.
- Reinforced with rivets at the joints.
- 2 large tool pockets. Pocket for screwdriver or drill has leather stabilizing strap and separators for drills and bits. Steel loop hammer holder.
- Additional lumbar belt made of durable polyester makes work easier and protects the spine. Wide leather belt with a double steel buckle.
- Size 80-120cm.

CODE	CAT NO.
3-01-13-OR-055	PRO-SN055

# HEALTH AND SAFETY

## ENDURANCE POLYESTER AND LEATHER TOOL BELT



- Belt made of durable 1680D polyester and suede leather.
- Elements filled with highly flexible EVA foam.
- Reinforced with rivets at the joints.
- 1 large and 1 medium tool pocket, and a steel roll measure holder.
- 3 leather holders for individual tools e.g. screwdrivers, pliers, etc.

CODE	CAT NO.
3-01-13-OR-056	PRO-SN056

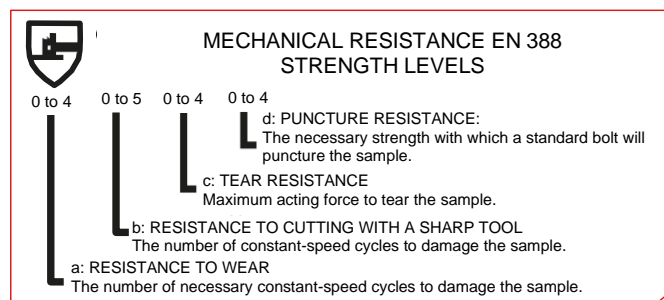
## ENDURANCE POLYESTER AND LEATHER TOOL BELT



- Belt made of durable 600D polyester and suede leather.
- Reinforced with rivets at the joints.
- 8 pockets for keys, pliers, screwdrivers.
- 5 small pockets for nails, bits, screws.
- 2 leather hammer holders and an accessory clip holder.
- Wide belt with three-point buckle of durable plastic for quick fastening and unfastening.
- Size 80-120cm.

CODE	CAT NO.
3-01-13-OR-057	PRO-SN057

## PROTECTIVE GLOVES



### ENDURANCE



- The strengthened synthetic leather glove provides great material strength with hand protection.
- Fingers and wrists are protected by a rubber coating that acts as an anti-shock and anti-abrasion device.
- An extra layer on the grip and top side of the glove cushions accidental impacts.

CODE	CAT NO.	SIZE
3-01-13-BR-106	PRO-BR106	L
3-01-13-BR-105	PRO-BR105	XL

# HEALTH AND SAFETY

## ENDURANCE PROTECTIVE GLOVES



- The strengthened synthetic leather glove provides great material strength with hand protection.
- PVC seams provide anti-vibration protection and protect the wrists.
- The glove is sewn from two layers of stretch spandex.
- The cuff of the glove has an elastic band with Velcro adjustment.
- There is a soft terry cloth on the thumb for wiping sweat, and a permeable material on the index finger for touchscreen navigation.

CODE	CAT. NO.	SIZE
3-01-13-BR-101	PRO-BR101	XL
3-01-13-BR-102	PRO-BR102	XXL

## PROTECTIVE GLOVES "VAMPIRES" LATEX



- Synthetic latex glove on T/C (cotton/polyester) textile liner.
- Back side with air access.
- Wrist welt.
- Latex coated grip side, fingers and half of the dorsal side.
- Complies with EN388 [1121].
- Good abrasion resistance.
- Size 10, 9.

CODE	CAT. NO.	SIZE
3-01-13-BR-501	PRO-BR501	10

## PROTECTIVE GLOVES "DRAGONKI" LATEX FOAM



- Synthetic glove covered with latex foam on a polyester textile liner.
- Back side with air access,
- Wrist welt.
- Grip side, fingers and half of the back side coated with latex foam.
- Complies with EN388 [3131].
- Good abrasion resistance.
- Size 8.

CODE	CAT. NO.	SIZE
3-01-13-BR-518	PRO-BS001	8

# HEALTH AND SAFETY

## PROTECTIVE GLOVES WITH NITRILE CUFF



10	TEXTILE COTTON	NITRILE COAT	4121 EN388	CE
----	----------------	--------------	------------	----

- Synthetic nitrile glove on cotton textile liner.
- Nitrile-coated grip side, fingers and half of the back side.
- Complies with EN388 [4121].
- Good abrasion resistance.
- Size 10.

CODE	CAT NO.	SIZE
3-01-13-BR-005	PRO-BR005	10

## PROTECTIVE GLOVES ANTI-IMPACT LATEX BACK



10	TEXTILE T/C	LATEX COATING	4121 EN388
----	-------------	---------------	------------

- Synthetic latex glove on T/C (cotton/polyester) textile liner.
- Back side with air access.
- Wrist welt.
- Latex coated grip side, fingers and half of the dorsal side.
- Latex foam points placed on the back.
- Complies with EN388 [1121].
- Good abrasion resistance.
- Size 10.

CODE	CAT NO.	SIZE
3-01-13-BR-008	PRO-BR008	10

## PROTECTIVE GLOVES ANTI-VIBRATIONS



10	T/C TEXTILE	COAT LATEX FOAM	4121 EN388	CE
----	-------------	-----------------	------------	----

- Synthetic latex glove on T/C (cotton/polyester) textile liner.
- Back side with air access.
- Wrist welt.
- Grip side, lace side and half of back side coated with latex foam dots.
- Complies with EN388 [4121].
- Good abrasion resistance.
- Size 10.

CODE	CAT NO.	SIZE
3-01-13-BR-009	PRO-BR009	10

# HEALTH AND SAFETY

## MAGNETIC ARMBAND

35 x  
cm

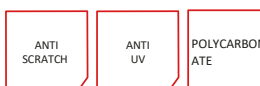


- Magnetic band equipped with 6 neodymium magnets for holding small metal objects: screws, nails, drill bits in the direct working range.
- Strong Velcro for comfortable working in all conditions.
- Soft underband for comfort and convenience.
- Adjustable band length to accommodate any wrist or forearm size.

CODE	CAT NO.
3-01-13-OR-007	PRO-NK007

## SAFETY GOGGLES TRANSPARENT

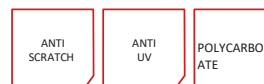
### SAFETY GOGGLES TRANSPARENT SG-50



- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating.
- "Shoulder" shaped arms for stability.
- Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-405	PRO-SG405

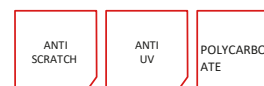
### SAFETY GOGGLES TRANSPARENT SG-60



- Flexible and highly durable glass and blades.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating.
- "Paddle" shaped arms for stability.
- Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-406	PRO-SG406

### TRANSPARENT SAFETY GOGGLES WITH STRING SG-70C



- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating.
- "Paddle" shaped arms for stability, adjustable.
- Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-407	PRO-SG407

# HEALTH AND SAFETY

## SAFETY GOGGLES TRANSPARENT SG-80



ANTI SCRATCH	ANTI UV	POLYCARBONATE
--------------	---------	---------------

- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating.
- "Paddle" shaped arms for stability.
- Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-408	PRO-SG408

## TINTED SAFETY GOGGLES



TINTED	ANTI SCRATCH	ANTI UV	POLYCARBONATE
--------	--------------	---------	---------------

- Flexible and highly durable glass and blades.
- Strong, ultra-lightweight, tinted polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating. "Paddle" shaped arms to ensure stability. Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-410	PRO-SG410

## PVC SAFETY GOGGLES WITH BAND

### PVC SAFETY GOGGLES WITH BAND SG-10



ANTI SCRATCH	ANTI UV	POLYCARBONATE
--------------	---------	---------------

- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating. Universal shape nose pads to fit everyone. Removable and replaceable glass and band.
- Ventilation System.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-401	PRO-SG401

### PVC SAFETY GOGGLES WITH BAND SG-20



ANTI SCRATCH	ANTI UV	POLYCARBONATE
--------------	---------	---------------

- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays.
- Scratch protection coating.
- Universal shape nose pads to fit everyone.
- Applied Standards/Technical Specifications: EN 166: 2001

CODE	CAT NO.
3-01-13-01-402	PRO-SG402

# HEALTH AND SAFETY

## TRANSPARENT SAFETY GOGGLES WITH LED

TRANSPARENT SAFETY GLASSES WITH LED SG-70L

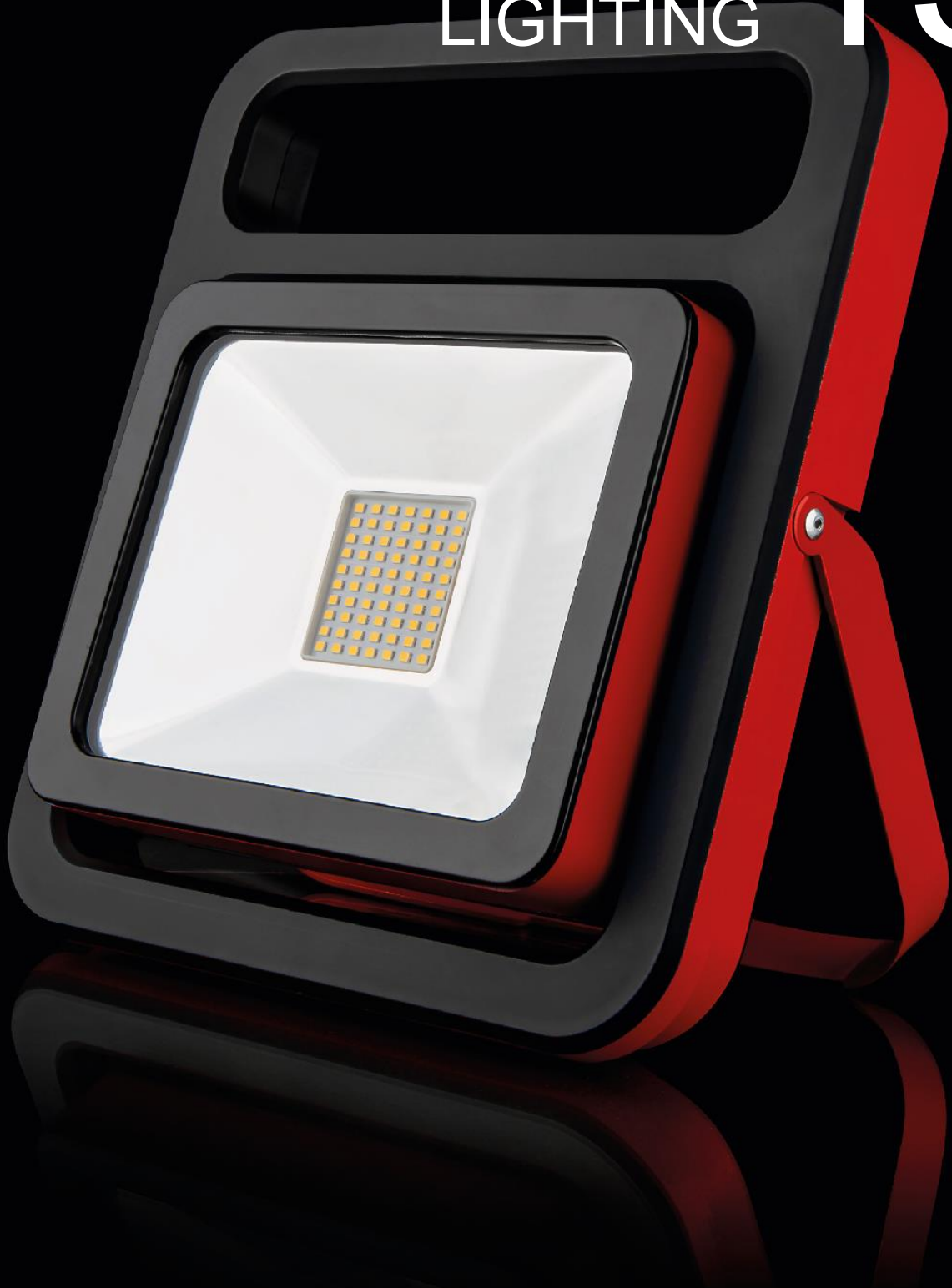


- Wide joint between lenses and arms for tight protection.
- Strong, ultra-lightweight polycarbonate lenses that block 99.9% of harmful UV rays. Scratch protection coating.
- "Blade" shaped arms for stability  
Universal shape nose pads to fit everyone.
- Complete with battery.

CODE	CAT NO.
3-01-13-01-409	PRO-SG409



# LIGHTING 15



# LIGHTING

## LED HEAD FLASHLIGHTS

### LED HEAD FLASHLIGHT



CODE	CAT NO.
3-01-13-OS-102	PRO-LD102



- Modern head flashlight equipped with COB LED strip (3W) - much brighter and more economic than the standard LED.
- Working brightness - 120 lumens.
- Lamp body made of durable plastic
- ABS, covered with TPR (thermoplastic rubber).
- Powered by AAA batteries (3 included).
- Adjustable and detachable headband made of durable material for easy attachment to head or helmet.
- Adjustable light angle.

### LED HEAD FLASHLIGHT



CODE	CAT NO.
3-01-13-OS-101	PRO-LD101



- Modern head flashlight equipped with an innovative LED strip CREE XPE(3W) - much brighter and more economical than the standard LED.
- Operating brightness - 120 or 180 lumens.
- Lamp body made of aluminum and durable ABS plastic.
- 4 light modes: 100% CREE, 30% CREE, 100% COB, COB STROBE.
- Additional red warning light located on the back of the flashlight.
- Powered by AAA batteries (3 included).
- Adjustable and detachable headband made of durable material for easy attachment to head or helmet.
- Adjustable light angle.

### HEADLAMP



CODE	CAT NO.
3-01-13-OS-103	PRO-LD103



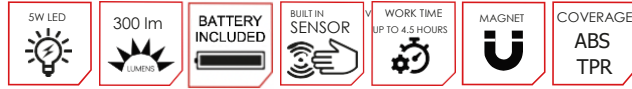
- Modern head flashlight, equipped with CREE XPE LED (3W) - much brighter and more economical than a standard LED.
- Working brightness - 120 lumens.
- Lamp body made of durable ABS plastic.
- Modes of operation: LEFT button: 100%, 30%, STROBE and RIGHT button: motion sensor switch to ON and OFF mode.
- Powered by a 1200mAh LI-ION (polymer battery).
- Maximum operating time 4 hours. Charging time 2.5 hours.
- Includes USB cable for charging the battery. Charging: Red LED. Battery charged: Green LED.
- Adjustable and detachable headband made of durable material for easy attachment to head or helmet.
- Adjustable light angle.

# LIGHTING

## LED HEADLAMP WITH LI-ION BATTERY AND MOTION SENSOR + MAGNET 300LM



CODE	CAT NO.
3-01-13-OS-104	PRO-LD104



- Flashlight equipped with COB LED strip (5W).
- Working brightness - 300 lumens.
- Lamp body made of ABS, covered with thermoplastic rubber.
- Flashlight modes:
  - right button: 30%/100%/off
  - left button: motion detector activation - 30%/100%/ off
- Powered by an 800 mAh lithium-ion battery.
- Charging time 2.5 hours.
- Operating time: 3 hours (100%), 4.5 hours (30%)
- Adjustable and detachable headband made of durable material for easy attachment to head or helmet.
- The flashlight can be detached from the headband and placed on a metal surface using built-in magnets.

## LED WORKSHOP LIGHTS

### LED WORKSHOP LAMP



CODE	CAT NO.
3-01-13-OS-001	PRO-LD001



- Modern portable lamp with a COB LED strip (3W) and a LED diode (3W).
- Operating brightness - 220 lumens or 80 lumens.
- Lamp body made of durable ABS plastic, covered with TPR (thermoplastic rubber).
- Powered by AAA batteries (4 included).
- The handle comes with a magnet for easy attachment of the lamp to metal surfaces.
- Lower case with 360° vertical and horizontal adjustment.
- In the back of the casing there is a hook for hanging the lamp in any place.

### LED WORKSHOP LAMP



CODE	CAT NO.
3-01-13-OS-002	PRO-LD002



- Modern portable lamp equipped with COB LED strip (3W) and LED diode (1W).
- The operating brightness is 220 lumens or 50 lumens.
- Lamp body made of durable ABS plastic, covered with TPR (thermoplastic rubber).
- Powered by AA batteries ( 3 pieces included).
- Universal design and movable handle for easy operation.
- In the lower part of the casing there is a hook for hanging the lamp in any place.

# LIGHTING

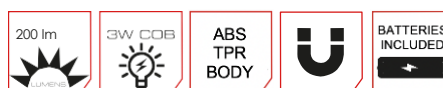
## LED WORKSHOP LAMP



- Modern portable lamp with COB LED strip (3W).
- Working brightness - 250 lumens.
- Lamp body made of durable ABS plastic, lens made of polystyrene.
- Powered by AA batteries (3 included).
- The foot has a strong neodymium magnet for easy attachment of the lamp to metal surfaces.
- The lower part of the housing can be adjusted in 360°.

CODE	CAT NO.
3-01-13-OS-204	PRO-LD204

## LED WORKSHOP LAMP



- Modern portable lamp equipped with COB LED strip (3W).
- Working brightness - 200 lumens.
- Lamp body made of durable ABS plastic, lens made of polystyrene.
- Powered by AA batteries (3 included).
- The casing has a strong neodymium magnet for easy attachment of the lamp to metal surfaces.
- The housing has a hook for easy hanging of the lamp in various situations.

CODE	CAT NO.
3-01-13-OS-205	PRO-LD205

## LED WORKSHOP LAMP



- Modern portable lamp equipped with COB LED strip (3W) and LED diode (1W).
- There are red LEDs built into the COB LED strip for use as an emergency light.
- Operating brightness - 220 lumens or 60 lumens.
- Lamp body made of durable ABS plastic, covered with TPR (thermoplastic rubber).
- Powered by AA batteries (3 included).
- There is a strong neodymium magnet in the foot for easy attachment of the lamp to metal surfaces.
- The lower part of the housing can be adjusted in 360°.
- In the back of the casing there is a hook for hanging the lamp.

CODE	CAT NO.
3-01-13-OS-203	PRO-LD203

# LIGHTING

## LED WORKSHOP LAMP



- The lamp is equipped with a COB LED strip (5W) and a LED diode (3W).
- Operating brightness - 350 and 130 lumens.
- Lamp body made of ABS plastic. Protection class - IP44.
- Trims made of TPR (damage-resistant thermoplastic rubber).
- Four light modes 100%/50%/TOP/Red emergency light.
- Powered by 4 x AAA batteries (included).
- In the back of the casing there is a hook for hanging the lamp in any place.
- The lamp's vertically movable foot features a rotating magnet for easy installation and operation.

CODE	CAT NO.
3-01-13-OS-210	PRO-LD210

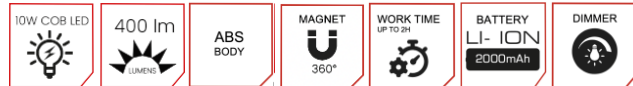
## LED WORKSHOP LAMP



- The lamp is equipped with a COB LED strip (3W) and 3 red LEDs. Working brightness - 230 lumens.
- Lamp body made of ABS plastic, covered with thermoplastic rubber.
- Powered by a 3.7v, 1800 mAh lithium ion battery.
- In the back of the housing a button that is also an emergency light. There is a neodymium magnet in the footer and in the back of the case.
- On the top placed a steel hook that can be used to both hang or lean the lamp.
- Included are accessories for mains and car charging.

CODE	CAT NO.
3-01-13-OS-207	PRO-LD207

## LED WORKSHOP LAMP WITH BATTERY AND DIMMER 400LM



- Flashlight equipped with COB LED strip (10W).
- Working brightness - 400 lumens.
- Lamp body made of ABS plastic.
- Flashlight equipped with a dimmer to work in different lighting.
- Powered by a 2000Ah lithium-ion battery.
- Charging time 3 hours.
- Number of charges: 500.
- Operating time: 2 hours (100%)
- Magnetic foot adjustable in 360 degrees, USB cable included.

CODE	CAT NO.
3-01-13-OS-211	PRO-LD211

# LIGHTING

## LED FLASHLIGHTS

### LED FLASHLIGHT



- Flashlight equipped with CREE LED strip (10W)
- Working brightness - 450 lumens.
- Lamp body made of aluminum alloy.
- Five light modes 100%/75%/35%/strobe/SOS.
- Strobe and SOS function activated by a gentle press of a button.
- Powered by 4 x AAA batteries (included).
- Degree of protection IP65
- The movable lens allows to adjust the light beam.

CODE	CAT NO.
3-01-13-OS-208	PRO-LD208

### LED FLASHLIGHT 100LM



- Flashlight equipped with COB LED strip (2W).
- Working brightness - 100 lumens.
- Lamp body made of aluminum.
- Powered by AAA batteries (3 included).
- Operating time: 7 hours.

CODE	CAT NO.
3-01-13-OS-006	PRO-LD006

### LED FLASHLIGHT PEN+2XMAGNETS 200LM



- Flashlight equipped with COB LED strip (3W).
- Working brightness - 200 lumens.
- Lamp body made of aluminum.
- Powered by AAA batteries (3 included).
- Operating time: 7 hours (100%).
- Two magnets built into the case and handle.
- 180 degree adjustable handle.

CODE	CAT NO.
3-01-13-OS-007	PRO-LD007

# LIGHTING

## LED FLASHLIGHT + ZOOM IP43 85LM



- Flashlight equipped with 5W LED strip.
- Working brightness - 85 lumens.
- Lamp body made of aluminum.
- Powered by AA batteries (1 included).
- Operating time: 4 hours. Range: 50 m.
- Dust and water resistance: IP43.
- Lens with adjustable beam width "zoom".

CODE	CAT NO.
3-01-13-OS-008	PRO-LD008

## LED REFLECTORS

### PORTABLE LED SPOTLIGHT 10W



- Die-cast aluminum body. Tempered glass reflector glass.
- Light source: LED CHIP SMD2835. Luminous flux: >75 lm/W. Light color up to 6500K.
- Power: 10W. Power supply: 220 - 240V, 60Hz/ 50Hz.
- Degree of protection: IP 65.
- Cable: H05RN-F 3x1mm<sup>2</sup>. Cable length: 3 m.
- Portable, foldable aluminum stand with adjustable tilt angle.

CODE	CAT NO.
3-01-13-OS-501	PRO-LD501

### PORTABLE LED SPOTLIGHT 10W

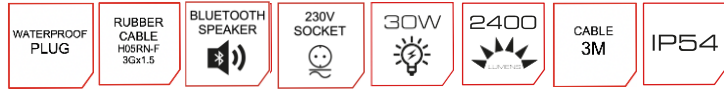


- Die-cast aluminum body.
- Tempered reflector glass.
- Light source: LED CHIP SMD2835. Luminous flux: >70 lm/W. Light color up to 6500K.
- Power: 10W. Power supply: 220 - 240V, 60Hz/ 50Hz.
- Degree of protection: IP 65.
- Cable: H05RN-F 3x1mm<sup>2</sup>. Cable length: 1.5 m.
- Portable, foldable aluminum stand with adjustable tilt angle.

CODE	CAT NO.
3-01-13-OS-504	PRO-LD504

# LIGHTING

## LED SPOTLIGHT IP54 30W 2400LM WITH BT LOUDSPEAKER AND 230V SOCKET



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP54 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, you can freely move and position it, directing the light beam in any direction.
- Additionally, the headlight is equipped with a 230V outlet and Bluetooth speaker.
- Power: 30 W
- Cable: 3m

CODE	CAT NO.
3-01-13-OS-607	PRO-LD607

## LED SPOTLIGHT IP54 2X20W 3200LM



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and thanks to its IP54 rating it is resistant to weather and dust present at construction sites and in workshops.
- The advantage of the product is its versatility, you can freely move and position it, directing the light beam in any direction.
- Additionally, the spotlight is equipped with 230V socket.
- Power: 2 x 20 W
- 3200 lm
- Cable: 3m

CODE	CAT NO.
3-01-13-OS-611	PRO-LD611

## LED SPOTLIGHT IP65 20W 1600LM OS-IP65-RL20N



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP65 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, it can be freely carried or mounted on a tripod, directing the light beam in any direction.
- Power: 20 W

CODE	CAT NO.
3-01-13-OS-601	PRO-LD601



**LED SPOTLIGHTS IP65 10W >80LM/W, 20W >80LM/W, 30W >80LM/W**

80lm/W	IP65	VDE PLUG
--------	------	----------



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP65 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, it can be moved and set up freely, directing the light beam in any direction

CODE	CAT NO.	TYPE
3-01-13-OS-702	PRO-LD702	20W>80lm/W
3-01-13-OS-703	PRO-LD703	30W>80lm/W

**LED LIGHT IP65 50W >4000LM OS-**



50W	4000	CABLE 3M	IP65	WATERPROOF PLUG	RUBBER CABLE H05RN-F 3Gx1.0
-----	------	----------	------	-----------------	-----------------------------

- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP65 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, it can be freely carried or mounted on a tripod, directing the light beam in any direction.
- Power: 50 W
- 4000 lm

CODE	CAT NO.
3-01-13-OS-604	PRO-LD604

**LED LIGHTS WITH TRIPOD IP65 100W >80LM/W, 30W >80LM/W, 50W >80LM/W**

80lm/W	IP65	VDE PLUG
--------	------	----------



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP65 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, you can freely move and position it, directing the light beam in any direction.

CODE	CAT NO.	TYPE
3-01-13-OS-710	PRO-LD710	100W>80lm/W
3-01-13-OS-711	PRO-LD711	30W>80lm/W
3-01-13-OS-712	PRO-LD712	50W>80lm/W

# LIGHTING

## LED SPOTLIGHT WITH TRIPOD IP65 2X50W >80LM/W, 2X100W >80LM/W LED SPOTLIGHT WITH TRIPOD IN COVER IP65



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It is resistant to excessive shocks and, thanks to its IP65 rating, resistant to the weather and dust associated with construction and workshop.
- The advantage of the product is its versatility, you can freely move and position it, directing the light beam in any direction.

CODE	CAT. NO.	TYPE
3-01-13-OS-714	PRO-LD714	2x50W >80lm/W
3-01-13-OS-716	PRO-LD716	2x100W >80lm/W



- Portable LED light is a functional device used in the workshop, at the construction site and for various outdoor and indoor works.
- It can withstand excessive shock and is IP65 rated to withstand the weather and dust associated with construction and workshop conditions.
- The advantage of the product is its versatility, you can freely move and position it, directing the light beam in any direction.

CODE	CAT. NO.	TYPE
3-01-13-OS-713	PRO-LD713	2x50W >80lm/W + dust cover
3-01-13-OS-715	PRO-LD715	2x100W >80lm/W + cover

## LED SPOTLIGHT CASE WITH TRIPOD



- Made of durable polyester.
- Includes a set of headlights: 2 led lamps and tripod.
- Additionally equipped with reflective strips to improve user safety.
- Dimensions: 630 x 270 x 100 mm.



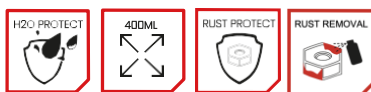
CODE	CAT. NO.
3-01-13-OS-900	PRO-LD900

# TECHNICAL CHEMICAL PREPARATIONS 16



# TECHNICAL CHEMICAL PREPARATIONS

## UNIVERSAL RUST REMOVER 400ML



Effectively removes oxides formed on the metal surface. Makes it easier to clean rusted parts and harder for rust to form again.

- dissolves rust and loosens the most stubborn joints
- eliminates squeaks and creaks by lubricating sliding surfaces
- repels moisture and water, anti-corrosive

### Application:

- disconnection of old corroded screw connections
- loosening of rusted pins, levers, hinges, tools, pins, etc.
- lubrication of locks, smaller bearings, axles, levers, cables, handles, etc.
- prophylaxis for metal parts against corrosion and freezing

CODE	CAT NO.
3-01-90-CH-015	PRO-CH015

## RUST REMOVING PREPARATION WITH MOLYBDENUM DISULFIDE MOS2



Rust remover and release agent for seized and corroded joints. Thanks to the molybdenum disulfide, the preparation creates a lubricating layer which prevents squeaking.

### Application:

- rust remover and release agent to remove stuck connections
- has excellent rust removal and penetration properties
- protects against corrosion
- molybdenum disulfide for protection against re seizing

CODE	CAT NO.	CAPACITY
3-01-90-CH-011	PRO-CH011	200 ml
3-01-90-CH-001	PRO-CH001	400 ml

## RUST REMOVER WITH RUST OFF FREEZING EFFECT



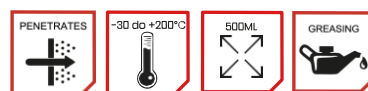
Releasing rusted and seized parts

### Application:

- Releases corroded connections. Upon application, the product causes cooling of the workpiece down to -40°C.
- Releases all types of threaded connections, hinges and guides, can be used in the automotive industry, metallurgy, mining.
- Does not contain silicone or acids, and does not react with rubber

CODE	CAT NO.
3-01-90-CH-010	PRO-CH010

## GREASE FOR ROPES AND CHAINS



Grease for ropes and chains is an adhesive lubricant that provides effective and long-lasting lubrication and maintenance of ropes and chains. The product is intended for lubrication and maintenance of metal ropes, winches, elevators, conveyors, hoists, ropes for lifting loads, all kinds of transport or drive chains, drive transmission elements, lubrication of forklift chains.

CODE	CAT NO.
3-01-90-CH-013	PRO-CH013

## DRY GREASE WITH TEFLON



After application, it forms an adherent slip film - a dry film that does not accept dirt or dust. It is used as a release agent to prevent sticking.

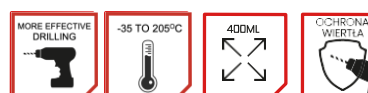
- reduces friction and wear on moving parts
- prevents sticking, forms a permanent sliding layer
- contains no silicone
- protects against moisture

### Application:

- automotive workshops: locks, hinges, chains, lubrication of friction parts
- woodworking industry: for covering sliding tables
- plastics and textile industry

CODE	CAT NO.
3-01-90-CH-019	PRO-CH019

## DRILLING AND TAPPING OIL



Drilling and tapping oil is a high performance coolant and lubricant for all machining operations where high loads and stresses are generated. Drilling and cutting oil spray extends the life of tools used in metalworking.

### Application:

- preparation for machining
- working temperature range from -35°C to +205°C
- characteristics for working at higher speeds, reducing friction and lowering temperatures

CODE	CAT NO.
3-01-90-CH-007	PRO-CH007

### SILICONE SPRAY



All-purpose, long-lasting product for preserving and protecting metal, rubber and plastic products. Antistatic and dust-reducing agent.

Application:

This is an excellent all-purpose silicone lubricant that eliminates friction and material drag. The agent is used in many areas of industry, wherever there are problems with adhesion or high friction. It adds gloss to finished rubber products and ensures that the material does not crumble, stick or freeze.

CODE	CAT NO.
3-01-90-CH-004	PRO-CH004

### ALUZING PREPARATION 500ML



Aluzing Preparation is a fast drying product providing excellent protection against corrosion to all metal parts and structures.

- Protection of metal surfaces against corrosion
- repair of protective coating on hot-dip galvanized components
- repair of zinc coating after treatment or welding
- repair of cut and welded parts.

CODE	CAT NO.
3-01-90-CH-008	PRO-CH008

### WELDING ANTI-SCRATCH PREPARATION



Splinter guard perfectly protects welded surfaces and torch nozzles against weld spatter adherence both during electrode welding and welding in protective gas.

- the preparation protects welded surfaces and welding nozzles against welding spatters adherence
- adheres easily to metal surfaces, forming a durable layer that protects the metal from oxidation and corrosion
- Application:
- when welding with automatic and semi-automatic devices
- to protect welded parts and surfaces
- for the protection of nozzles and torches in electrode and shielded gas welding

CODE	CAT NO.
3-01-90-CH-016	PRO-CH016

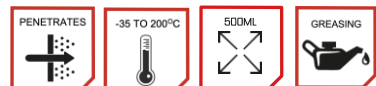
### MULTIFUNCTIONAL PREPARATION PRO40



- lubrication, drying, cleaning, dissolving and maintenance.
- does not contain silicone or mineral oils, neutral for varnishes.
- thanks to its adhesive properties, it dries and protects the electrical system from moisture.
- thanks to its capillary properties, it penetrates the smallest gaps and displaces moisture and forming a waterproof protective layer.
- is widely used in the automotive, metal, precision mechanics and energy industries.

CODE	CAT NO.	CAPACITY
3-01-90-CH-012	PRO-CH012	200 ml
3-01-90-CH-005	PRO-CH013	400 ml

### PENETRATING GREASE

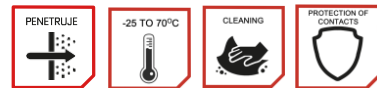


It is used both in heavy industry: for lubrication of high-speed circulating chains and rope constructions, internal chain and slide bearings, industrial chains, etc. Also effective in plastics processing and automotive workshops.

- forms a fade-resistant film that withstands high pressures, rotations and strokes
- the product has lubricating properties without the necessity to disassemble the components resistant to temperatures ranging from -35 °C to +180 °C, briefly up to +200 °C
- contains no silicone, resins or acids

CODE	CAT NO.
3-01-90-CH-006	PRO-CH006

### CONTACT SPRAY 400ML



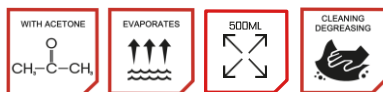
A high quality formulation specially developed for cleaning electrical contacts. It is used to remove oxides, sulfides and other contaminants and has penetrating and dissolving properties. Does not conduct electricity, does not cause corrosion and does not leave any residues. Prevents re-oxidation of contaminant deposition.

- removes contaminants such as oxides sulphides, oils and greases
- improves contact conductivity
- does not cause metal rusting
- leaves no residue
- prevents re-oxidation and deposition of contaminants
- temperature range: - 25 C to + 70 C

CODE	CAT NO.
3-01-90-CH-018	PRO-CH018

# TECHNICAL CHEMICAL PREPARATIONS

## UNIVERSAL REMOVER FOR BRAKES WITH ACETONE



- contains acetone
- evaporates instantly
- effectively cleans and degreases elements from all greasy dirt
- effectively removes wax, oil, grease and glue residues

**Application:**  
The product effectively cleans and degreases elements from any greasy dirt, effectively removes wax, oil, grease, temporary protection agents, glue residues, while rapidly evaporating. It effectively cleans brake and clutch system components, removes protective coatings from brake discs, anti-corrosion coatings from injection moulds, removes soot and persistent dirt.

CODE	CAT NO.
3-01-90-CH-002	PRO-CH002

## UNIVERSAL REMOVER FOR BRAKES WITHOUT ACETONE



- does not contain acetone
- neutral to rubber, plastics and painted surfaces
- effectively cleans and degreases elements from all greasy dirt
- effectively removes waxes, oils, greases, temporary protection agents and glue residues

**Application:**  
The product effectively cleans and degreases elements from any greasy dirt. Effectively removes waxes, oils, greases, temporary protection agents, adhesive residues. Does not contain acetone - neutral to rubber, plastics and painted surfaces. stubborn dirt.

CODE	CAT NO.
3-01-90-CH-003	PRO-CH003

## MARKING PAINT 500ML



**Application:**  
Weather resistant and very fast drying acrylic resin paint with very high covering power for indoor and outdoor use. After drying, it has very high resistance to abrasion, scratching and mineral oils. PRO marking spray is available in yellow, green and orange.

- Quick drying
- Permanent and highly visible markings
- Good adhesion to most surfaces
- Does not contain heavy metals
- Reverse dosing valve

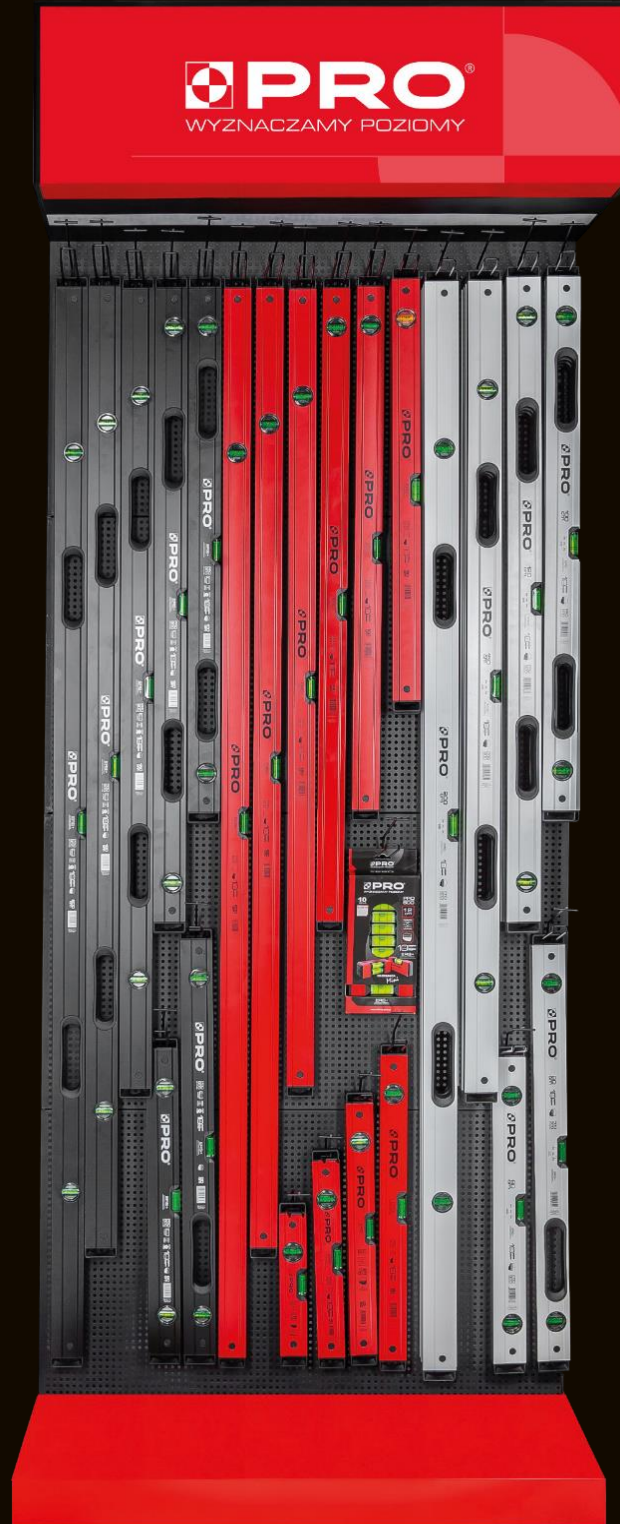
**Application:**

- Color markings on asphalt, concrete and flooring
- For marking in forestry and woodworking industries
- For marking measurement points in construction

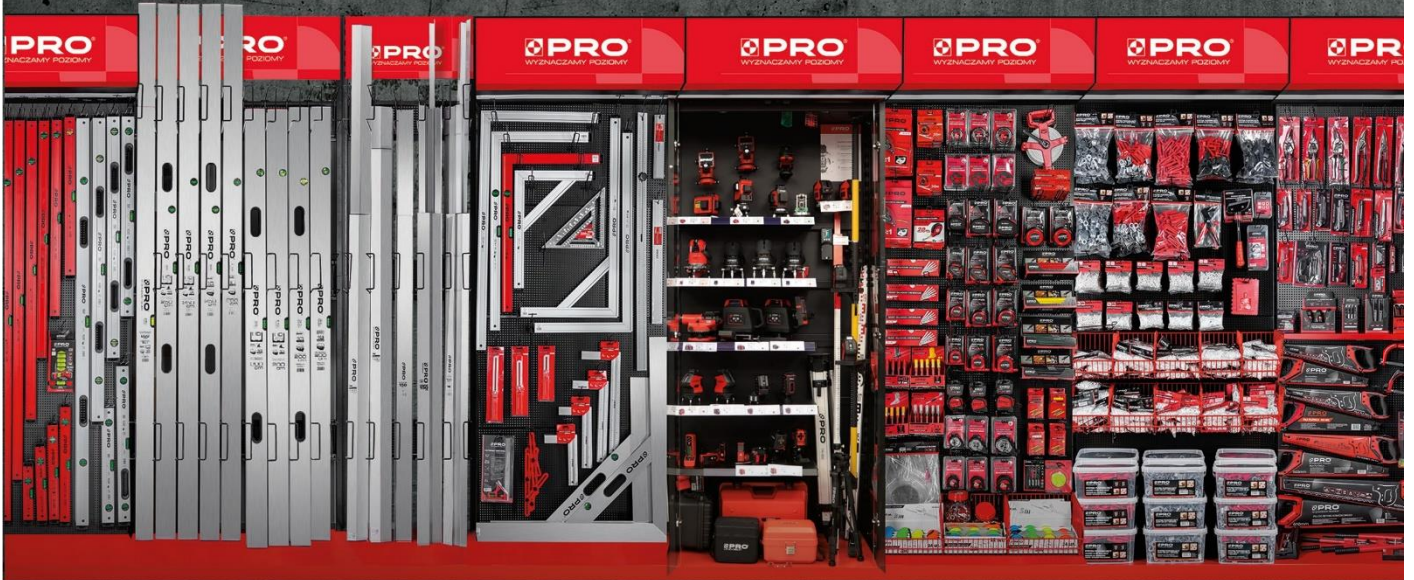
CODE	CAT NO.	COLOR
3-01-90-CH-022	PRO-CH022	yellow
3-01-90-CH-021	PRO-CH021	green
3-01-90-CH-020	PRO-CH020	orange

# EXHIBITION SYSTEMS

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# ORDER





# A MAKEOVER



Ask your Customer Assistant about the possibility of a makeover in your showroom.

[metamorfoza.firma-pro.pl](http://metamorfoza.firma-pro.pl)



# EXHIBITION SYSTEMS

## RACKS

**RACK**  
SPIRIT LEVELS PRO800



**RACK 60 CM**  
SPIRIT LEVELS  
PRO900



**RACK**  
SCREEDING LEVELS



**RACK 60 CM**  
SCREEDING LEVELS



**RACK**  
BUILDER'S SQUARES  
AND ANGLE BARS



**RACK**  
MEASURING TOOLS



# EXHIBITION SYSTEMS

**RACK**  
LEVELING SYSTEMS



**RACK**  
CUTTING TOOLS



**RACK**  
JOINING TOOLS



**RACK**  
WRENCHES



**RACK**  
PLIERS AND WRENCHES



**RACK**  
SCREWDRIVERS



# EXHIBITION SYSTEMS

## RACKS

**RACK  
HAMMERS**



**RACK  
DRILL BITS**



**RACK  
WOOD DRILL BITS AND CLAMPS**



**RACK  
POWER TOOL ACCESSORIES**



**RACK  
LIGHTING**



**RACK  
H&S**



# EXHIBITION SYSTEMS

**RACK**  
FLOATS AND TROWELS



**RACK**  
TROWELS



**RACK**  
DISCS



**RACK**  
STIRRERS



**RACK**  
TOOLS FOR ELECTRICIANS



**RACK**  
TOOLS FOR PLUMBERS



# EXHIBITION SYSTEMS

## LASER SHOWCASE CABINETS



## CABINETS

CABINET  
LASERS



CABINET  
LIGHTING



## PYRAMIDS FOR SPIRIT LEVELS

PYRAMID  
PRO600  
3-01-11-RE-00P



PYRAMID  
PRO600  
3-01-11-RE-05P



PYRAMID  
PRO600  
PLUS  
3-01-11-RE-05C



PYRAMID  
PRO600  
3-01-11-RE-01P



# EXHIBITION SYSTEMS

**PYRAMID  
PRO800**

3-01-11-RE-02P



**PYRAMID  
PRO800**

3-01-11-RE-04P



**PYRAMID  
PRO800**

3-01-11-RE-12P



**PYRAMID  
PRO1000**

3-01-11-RE-13P



**PYRAMID  
PRO900**

3-01-11-RE-08P



**PYRAMID  
PRO900**

3-01-11-RE-09P



# EXHIBITION SYSTEMS

## SHELVES & STANDS

RACK  
IRRIGATION



STAND  
IRRIGATION



STAND  
LEVELING SYSTEMS



RACK  
SHOVELS



RACK  
AXES

