

VAR



2024

« ENTRUST US WITH YOUR DREAMS ! »

VAR PROVIDES YOU WITH ITS 3D CONFIGURATOR TO HELP YOU TO BUILD UP THE WORKSHOP OF YOUR DREAM.
THE SOFTWARE ENABLES YOU TO :

- SET UP YOUR WORKSHOP : DIMENSIONS, COLORS, DIVIDING WALLS, DOORS AND WINDOWS
- ADD ANY PIECE OF FURNITURE, TOOL PANELS, BENCHTOPS AND WALL CABINETS
- ADD REPAIR STANDS, PARTS CLEANER, BENCHTOP MATS, RUBBER FLOOR TILES, TOOLS, TOOL TRAYS.
- YOU CAN ALSO ADD BICYCLES, COMPUTERS, POSTERS TO CUSTOM YOUR WORKSHOP.



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**VAR PRESENTS ITS NEW ELECTRIC REPAIR STAND SERIES
PR-88100 & PR-88200**

LIFT SPEED

4m/min

LOAD CAPACITY

55 kg

CONVERTIBLE

Single stand can be converted into double stand

STANDARDS AND CERTIFICATIONS

NF, CE, APAVE certified

DELIVERED

Fully assembled, ready to plug & play

MANUFACTURING

Made in France

WORK COMFORT

Silent and maintenance free



**MAGNETIC REMOTE
CONTROL**



PR-88100**SINGLE CLAMP ELECTRIC REPAIR STAND**

After a long phase of needs analysis, R&D, and testing, we are proud to present our new generation of electric repair stands.

This stand, very fast and versatile, significantly improves your productivity and work comfort.

Our electric stands are available in 2 versions:

- The single stand (1 clamp) **PR-88100** and the double stand (2 clamps) **PR-88200**
- Clamp movement speed of 4 m/min, with a complete lift in 15 seconds.
- Automatic clamp stop at maximum and minimum positions, and when a wheel touches the ground or an obstacle is encountered on the clamp's path.
- Magnetic and extendable wired remote control allowing for an ergonomic and ultra-comfortable posture at work.
- Use of the ultra-robust and integrated professional clamp **PR-72000** with 360° rotation. Its wide and adjustable opening (up to 88mm) allows for holding tubes of all shapes.
- Our worm screw system is reliable, durable, and maintenance-free. It's built to last.
- Low sound intensity, 52 decibels at 1 meter distance.
- Delivered fully assembled on its base plate, ready to use.
- Accessories **PR-88301**, **PR-88311**, **PR-90550**, **DV-55200**, **PR-70311** are compatible with these stands. Modular design.
- Single stand **PR-88100** convertible into double stand **PR-88200** with the conversion column **PR-88150**.
- Designed and manufactured in France.

STANDARDS AND CERTIFICATIONS :

- NF standards (obtained through validation by a certification company, aimed at analyzing the risks associated with using the repair stand).
- CE standard (in accordance with the current Machinery Directive NF EN60204).
- APAVE certified.

PR-88200**DOUBLE CLAMP ELECTRIC REPAIR STAND****NEW !****NEW !**

4 REPAIR STANDS

PR-88150 CONVERSION COLUMN FOR ELECTRIC STAND WITH PROFESSIONAL CLAMP

- Column to convert a single clamp repair stand **PR-88100** into a double clamp repair stand **PR-88200**
- Supplied with the professional clamp **PR-72000**, screw kit, power wire, and, instructions.
- To be bolted to the back of electric stand **PR-88100**.
- Designed and manufactured in France.



PR-90550 PROFESSIONAL WALL MOUNT CLAMP

- To hold bikes, frames, forks...
- Designed to perform cleaning, maintenance, or adjustment operations with the professional quality of VAR workshop stands.
- Can be wall-mounted with suitable screws.
- Can be fixed to the back of single clamp repair stand (**PR-88100** only) with M6 x 20 mm screws.
- Screws not provided.



DV-55200 CIRCULAR MAGNETIC BOWL - ABS



PR-88311 PC/TABLET HOLDER FOR ELECTRIC STANDS

- Can accommodate a tablet, laptop, or documentation.
- Allows for the storage of a power strip and its power cord (not provided).
- Attachment to the PR-88100 and PR-88200 electric stands is done on the right side of any columns using the 4 mounting holes of the support.
- Each column has 4 mounting levels to adapt to all situations.
- Dimensions: 35 cm x 22 cm.



PR-88301 TOOL HOLDER FOR ELECTRIC STANDS

- Accommodates numerous tools in an organized and visible manner : hex keys, screwdrivers, pliers, combination wrenches...
- Can accommodate hooks **MO-52060 (page 26)** and storage bins **MO-52070 (page 26)**.
- Stays at bike height in any situation.
- Quickly attaches to electric stands **PR-88100** and **PR-88200** using 4 supplied screws.



6 REPAIR STANDS

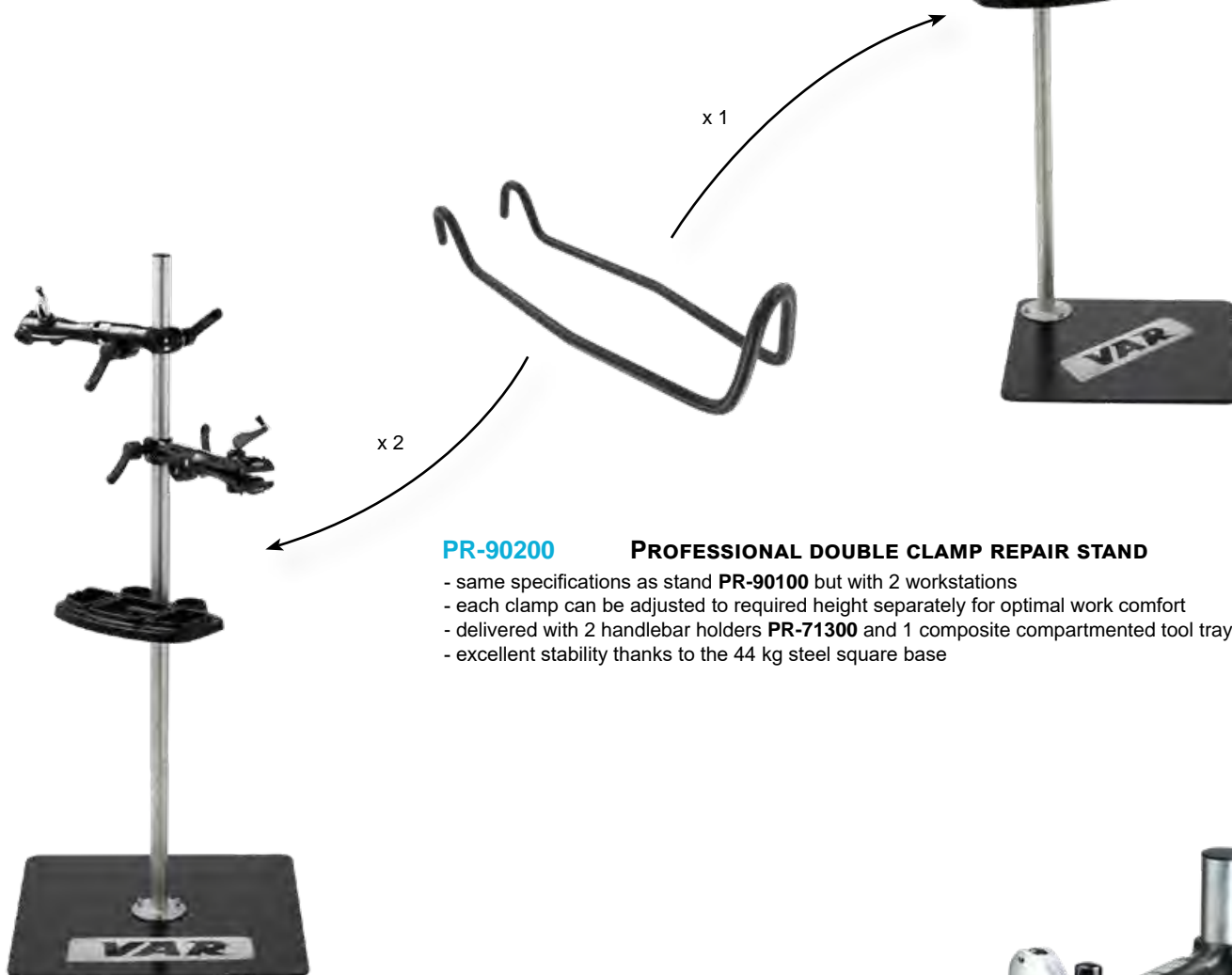
PR-90450 ELECTRIC BELT HOIST XL (100 KG LOAD CAPACITY)

- Allows effortless lift of any bicycle, electric bike, or cargo bike up to 100 kg and 3 meters long.
- Reduces the risk of workstation accidents.
- Requires the hoist to be mounted at a maximum height of 3.5 m, necessarily on a high load-bearing capacity steel structure for safety reasons.
- Operates on power: 230V ~ 50Hz.
- Compliant with CE regulations.



PR-90100 PROFESSIONAL SINGLE CLAMP REPAIR STAND

- excellent stability thanks to the 28 kg steel square base
- clamp height is adjustable up to 167 cm for comfortable workstation
- oversized clamp **PR-72000** quickly adjusts to fit any frame tube up to 88 mm including aero-shaped tubes
- the clamp rotates 360° for the bike to be positioned at any angle
- rubber clamp covers protect frame
- clamp with double cable relief
- epoxy powder coated steel square base, chrome-plated vertical tube
- delivered with one handlebar holder **PR-71300** and a composite compartmented tool tray **PR-90150**



PR-90200 PROFESSIONAL DOUBLE CLAMP REPAIR STAND

- same specifications as stand **PR-90100** but with 2 workstations
- each clamp can be adjusted to required height separately for optimal work comfort
- delivered with 2 handlebar holders **PR-71300** and 1 composite compartmented tool tray **PR-90150**
- excellent stability thanks to the 44 kg steel square base

PR-90500 BENCHMOUNT REPAIR STAND

- heavy-duty steel construction and powder coated adjustable opening of clamp up to 88 mm
- the clamp rotates 360° for the bike to be positioned at any angle
- equipped with professional clamp **PR-72000** (360° rotation) can be bench-mounted or vise-held



PR-72000 PROFESSIONAL CLAMP

- fits repair stands **PR-85000**, **PR-90100**, **PR-90200**, **PR-90500** and old type (**PR-89900**, **PR-90000**, **PR-99700**)
- oversized clamp quickly adjusts to fit any frame tube up to 88 mm including aero-shaped tubes
- excellent frame clamping thanks to rubber clamp covers
- clamp with double cable relief
- equipped with 2 rubber clamp covers
- micro adjustable clamping pressure prevents damage to thin-walled tubes
- die-cast aluminum main body parts and hardened locking parts



PR-72020 SET OF 2 RUBBER CLAMP COVERS

- fits clamp **PR-72000**
- with double cable relief
- anti-slip properties for optimal holding
- delivered with 4 circlips to hold the rubber clamp



PR-71300 HANDLEBAR HOLDER

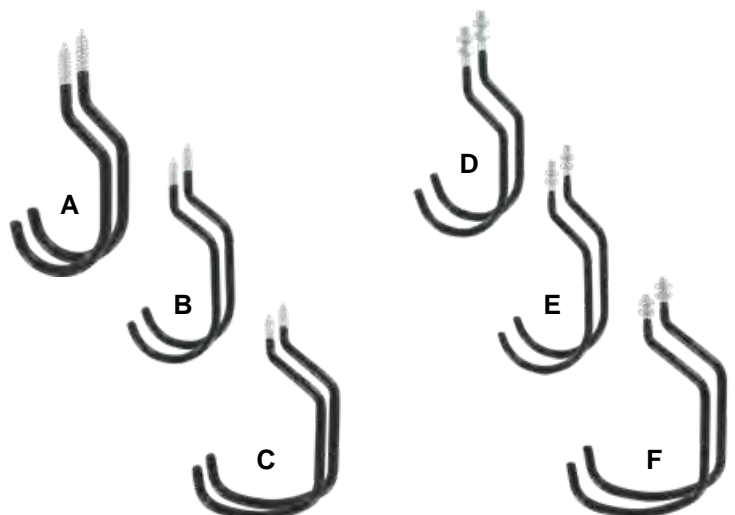
- to hold the handlebar stationary, keeping the front wheel from turning while working on the bike
- fully thick vinyl coated for painting protection



SET OF 2 STORAGE HOOKS

- perfect for hanging bikes and wheels
- vinyl coated to prevent scratching
- sold in pairs

- | | | |
|----------------------------|-----------------|---|
| A | PR-70301 | wood threaded, for road wheels and bikes |
| B | PR-70302 | wood threaded, for MTB wheels and bikes |
| C | PR-70303 | wood threaded, for fat wheels and bikes |
| D | PR-70311 | M6 machine thread, for road wheels and bikes |
| E | PR-70312 | M6 machine thread, for MTB wheels and bikes |
| F | PR-70313 | M8 machine thread, for fat wheels and fat bikes |
| - each set includes 2 nuts | | |



8 REPAIR STANDS

PR-82000 BIKE DISPLAY STAND

- for bicycle wheels of all sizes 12 inch to 27,5 inch
- maximum tyre width up to 2.4 inch
- made of durable steel tubes
- non-slip feet
- available in black
- measurements : 42 x 42 x 75 cm (L x W x H)
- ideal for shops, garages, sheds, exhibitions, races, ...



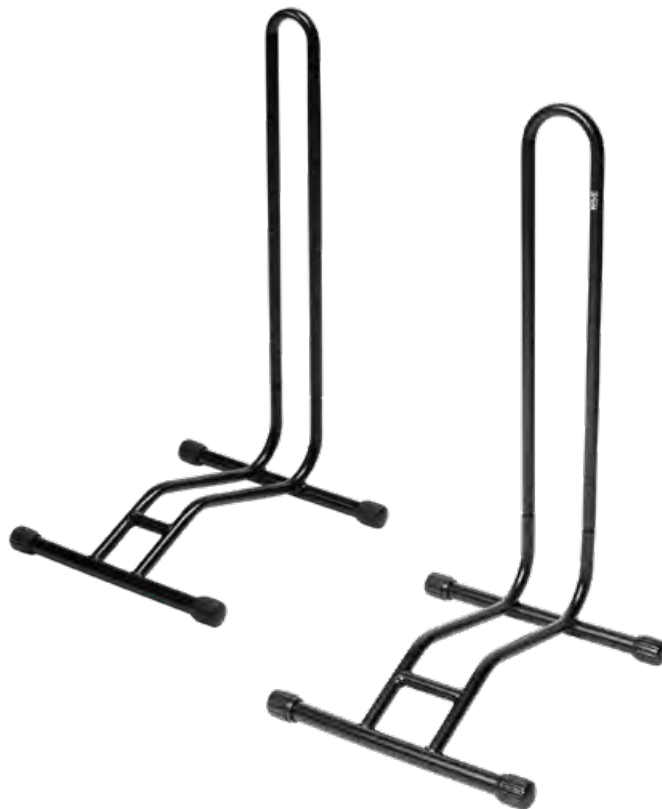
10 pcs

PR-82100 BIKE DISPLAY STAND FOR 27,5"+ AND 29"+

- fits any wheel size from 12 to 29"
- maximum tyre width : 8,1 cm (3,2")
- measurements : 45 x 42 x 75 cm (L x W x H)
- same specifications as PR-82000



10 pcs



PR-85000 PROFESSIONAL FOLDING REPAIR STAND

- includes our professional clamp **PR-72000** that can grip nearly any tube from 7/8" to 3" (23–80 mm) including aero tubes
- clamp can be rotated 360 degrees for easy access to any component
- cam handle to quickly release tube from jaws
- clamping jaws are nominally 3" (8 cm) wide
- quickly and easily folds down to 45" (115 cm)
- clamping height adjusts up to 60" (152 cm)
- maximum weight holding capacity is 44 lbs (20 kg)
- stable and lightweight, just 11 lbs. (5,1 kg), made of aluminium tubes



PR-84000**CONSUMER FOLDING REPAIR STAND**

- clamp can be rotated 360 degrees for easy access to any component
- cam handle to quickly release tube from jaws
- quickly and easily folds down to 45" (100 cm)
- clamping height adjusts up to 60" (157 cm)
- sold with a small tool tray
- maximum load capacity : 15 kg
- stable and lightweight, just 7 lbs. (3.6 kg), made of aluminium tubes



MODULAR WORKSHOP SYSTEM



Formerly, workshops were concealed for lack of storage solutions, cleanliness and even appropriate tools... Your workshop now becomes a highly visible work space and a powerful communication vehicle to illustrate your organization and your technical expertise, thus helping you out to win customers' loyalty.

Considering the fast growing number of maintenance operations and their increasingly technical nature, the workshop also becomes an essential profit center for the financial performance of many shops.

If you dream of a well organized, functional, neat and tidy workshop ensuring huge time-saving trick, **VAR** launches the ideal solution to organize your work space in a functional, modular and aesthetic way.

- functionality : each tool, each care product, each component will find its place within your workshop
- modularity : design your workshop freely according to your requirements and your budget
- aesthetic : our concept highlights your workshop and reassures your customers by strengthening your bike dealer's credibility

You can design your work space freely thanks to its free-standing structure. No wall fixing required. Each furniture can also be ordered individually.

All our steel furniture is powder-coated and equipped with anodized aluminum handles that are rust-resistant.



12 WORKSHOP EQUIPMENT

**BUILD THE WORKSHOP OF YOUR DREAMS,
IN ONLY 4 STEPS.**



Step 1 : Select your cabinets among a large range :



Step 2 : Choose the depth and the material of the workbenches :

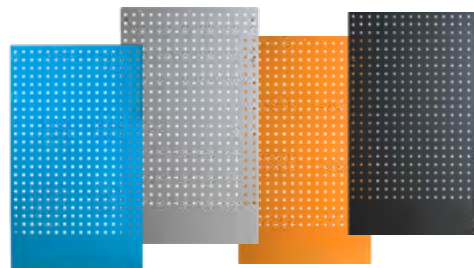
46
cm



69
cm



Step 3 : Personalise the wall panel setup and colours among the set of 8 colours :



Step 4 : Select wall cabinets and shelves to upgrade the storage capacity of your workshop :



3D PLANNER

VAR offers its 3D workshop Planner for you to simulate your layout project. You can set up your workshop, add furniture, repair stands, floor tiles, workbench mats, and parts washers. All customization options available in the **VAR** range are accessible on the 3D Planner to best represent the workshop of your dreams.



MO-52601 TALL CABINET

- ideal for storing your chemical products, work wear, safety equipment, consumables, electrical appliances, ...
- 1 door featuring concealed hinges provides 110° opening angle
- 4 powder-coated shelves with adjustable height in 160 mm increments
- maximum load per shelf of 40 kg
- 2-point key locking, top and bottom
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements : W. 600 x D. 458 x H. 2000 mm

MO-52097 SPARE SHELF FOR TALL CABINET MO-52601



MO-52611 2-DOOR TALL CABINET

- ideal for storing your chemical products, work wear, safety equipment, consumables, electrical appliances, ...
- 2 doors featuring concealed hinges provides 110° opening angle
- 4 powder-coated shelves with adjustable height in 160mm increments
- maximum load per shelf of 40kg
- 2-point key locking, top and bottom
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements : L. 915 x W. 458 x H. 2000 mm

MO-52096 SPARE SHELF FOR 2-DOOR TALL CABINET MO-52611



14 WORKSHOP EQUIPMENT

MO-52602

2-DOOR FLOOR CABINET

- 2 swing doors featuring concealed hinges provide 110° opening angle
- 1 powder-coated shelf (675 x 420 mm) with adjustable height in 80mm increments
- maximum load per shelf of 50 kg
- key locking
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements (under benchtop, not included)
W. 680 x D. 458 x H. 910 mm

NEW !



MO-52095

SPARE SHELF FOR 2-DOOR FLOOR CABINET MO-52602

MO-52608

SINK / HYDRAULIC CABINET

- 2 swing doors featuring concealed hinges provide 110° opening angle
- 1 powder-coated shelf (675 x 420 mm) with adjustable height in 80 mm increments
- key locking
- stainless steel sink
- included accessories: Bung, flexible hose, 1 soap dispenser, 1 water faucet knob
- tap not supplied
- can be used as a sink, cleaning tank or oil collector if connected with the hydraulic fluid drainer **NL-79300** (not included)
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements W. 680 x D. 458 x H. 950 mm

NEW !



DRAWER TOOL CABINETS

- ball-bearing slide drawers
- anodized aluminum drawer handles are rust-resistant
- 2 types of workbench tops are available (38 mm beech plywood and brushed stainless steel)
- central locking system of drawers
- layout of the drawers : adjustable dividers or foam inlays (coming soon)
- soft drawer liners

MO-52604

5-DRAWER CABINET

- 1 drawer : W. 570 x D. 405 x H 60 mm
- 4 drawers : W. 570 x D. 405 x H 140 mm
- maximum acceptable load per drawer of 35 kg
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements (under benchtop, not included) : W. 680 x D. 458 x H. 910 mm

NEW !



NEW !



MO-52605

7-DRAWER CABINET

- 5 drawers : W. 570 x D. 405 x H 60 mm
- 2 drawers : W. 570 x D. 405 x H 140 mm
- maximum load per drawer of 35 kg
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements (under benchtop, not included) : W. 680 x D. 458 x H. 910 mm



MO-52603

TRASH CAN CABINET

- features a trash bin, a paper towel rack (roll max. size W. 23,5 x Ø 30 cm) and a sliding drawer (W. 250 x D. 400 x H. 295 mm)
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- measurements (under benchtop, not included) : W. 680 x D. 458 x H. 910 mm

MO-52613

BIG CAN CABINET

- 1 large drawer mounted on ball-bearing slides
- 2 baskets included in the large bin drawer
- 1 retractable hinged door for easy use
- measurements (under worktop, not supplied): W. 680 x D. 458 x H.910 mm



MO-52614

AIR HOSE REEL CABINET

- can contain 2 hose reels (not supplied) (compressed air, water, power supply)
- 2 drawers: L.560 x D. 400 x H. 60 mm
- 1 drawer: L.560 x D.400 x H.140 mm
- measurements (under worktop, not supplied) : L.680 x D. 458 x H. 910 mm



MO-52098

SET OF 2 TRIANGULAR SUPPORT BRACKETS

- triangular support for workbench
- to be bolted to adjacent cabinets
- allows the small rolling cabinet **MO-52607** and the rolling stand to fit in the space
- allows the use of panels and panel connectors



16 WORKSHOP EQUIPMENT

MO-52610 LARGE 7-DRAWER CABINET

- 1 large drawer: L. 1250 x D. 400 x H. 90 mm
- 5 drawers: L. 770 x D. 400 x H. 60 mm
- 1 drawer: L. 770 x D. 400 x H. 190 mm
- 1 door with a shelf inside
- Lockable
- Compatible with adjustable feet MO-52071 (not provided)
- Dimensions (excluding top, not provided): L. 1360 x D. 458 x H. 910 mm



MO-52612 LARGE 9-DRAWER CABINET

- 1 large drawer: L. 1250 x D. 400 x H. 90 mm
- 5 drawers: L. 680 x D. 400 x H. 60 mm
- 1 drawer: L. 680 x D. 400 x H. 190 mm
- 1 trash drawer
- 1 drawer with 18 storage bins
- Compatible with adjustable feet MO-52071 (not provided)
- Dimensions (excluding top, not provided): L. 1360 x D. 458 x H. 910 mm



MO-52220 WORKBENCH STRUCTURE

- measurements (under benchtop, not included) : W. 1360 x D. 458 x H. 910 mm
- supplied with 4 adjustable feet **MO-52071**





MO-52607

MO-52609

MO-50700

MO-52607 7-DRAWER TOOL CABINET

- fits perfectly into your system by rolling under bench top
- smooth-action ball-bearing slides
- over 35 kg load capacity for each drawer
- equipped with 4 casters including 1 with brakes

NEW !

W x D x H	646 x 458 x 862 mm
Drawers	530 x 400 x 60 mm (x6) 530 x 400 x 130 mm (x1)
Weight	53 kg

MO-50700 6-DRAWER TOOL CABINET

- heavy-duty construction for professional use
- over 500 kg total load capacity
- over 40 kg load capacity for each drawer
- smooth-action ball-bearing slides
- internal keyed locking system (2 tubular keys supplied)
- quick-lock system drawer to prevent unit from accidentally opening
- drawer liners for protection to drawer bottom
- heavy-duty rubber casters with 2 brakes for silent moves
- ABS worktop with tool compartments and comfortable dual density built-in handle
- tool holder pegboards on both sides
- delivered with a steel caddy for aerosol cans and a paper towel holder

UPDATED !

W x D x H	760 x 460 x 1020 mm
Drawers	540 x 400 x 60 mm (x3) 540 x 400 x 130 mm (x2) 540 x 400 x 200 mm (x1)
Weight	57 kg

MO-52609 LARGE ROLLING WORKBENCH

- rolling workbench with 10 drawers and 2 doors
- mobile workstation with a large storage space
- wooden benchtop included
- equipped with 4 casters with 2 brake systems
- key locking
- over 35 kg load capacity for each drawer

NEW !

W x D x H	1200 x 800 x 785 mm
Drawers	560 x 400 x 60 mm (x6) 560 x 400 x 90 mm (x2) 560 x 400 x 230 mm (x2)
Weight	140 kg



18 WORKSHOP EQUIPMENT

MO-52291

SET OF 2 STEEL LEGS FOR BENCHTOP DEPTH EXTENSION

- Kit with 2 steel legs, 23 cm long, 4 adjustable feet, and 12 screws for fixing the workbench and tool panels.
- Attaches to the back of the cabinet
- 1 kit per 680 mm base unit
- 2 kits for large cabinet **MO-52610**, **MO-52612**, and **MO-52220**
- Essential for fixing the tool panel connectors and tool panels when the worktop depth is 69 cm
- Supports the back of the 69 cm workbench



BEECH PLYWOOD BENCHTOPS FOR CABINETS - MADE IN FRANCE

- These wooden worktops are especially made in order to simplify the mechanics work while enhancing the aesthetics of the workshop environment.
- 40mm thickness ensures sturdiness and durability, made in france
- treated with varnish for better resistance to chemicals and easier maintenance
- threaded inserts ensure fast and easy assembly

46
cm

- original standard size of **VAR**, the 46cm depth provides convenient working surface
- perfect for small or medium workshop

69
cm

- new standard size of **VAR**, the 69cm depth provides great working surface to the mechanics
- perfect for medium to big workshop
- convenient with the use of professional truing stand and professional bench vise
- require the use of steel legs **MO-52291**



680 x 460 x 40 mm
MO-52281



680 x 690 x 40 mm
MO-52285

NEW !



1360 x 460 x 40 mm
MO-52282



1360 x 690 x 40 mm
MO-52286

NEW !



2040 x 460 x 40 mm
MO-52283

1 cabinet width

680 MM

2 cabinet width

1360 MM

3 cabinet width

2040 MM

STAINLESS STEEL BENCHTOPS FOR CABINETS

- very convenient for hydraulic operations and parts in contact with grease, oil, and every other type of fluids
- 38mm thickness MDF top covered with a sheet of brushed stainless steel
- resistant to every type of fluids and easy maintenance with isopropyl alcohol
- threaded inserts ensure fast and easy assembly

MO-52026 BENCHTOP EXTENSION FOR 1 CABINET

- allows the use of the sink cabinet **MO-52608** in 69cm benchtop depth
- requires the use of steel legs **MO-52291** at the back of the cabinet.
- compatible with all cabinets except corner cabinet **MO-52606**, and tall cabinets **MO-52601** and **MO-52611**
- dimensions L. 680 x D. 230 x H. 38mm



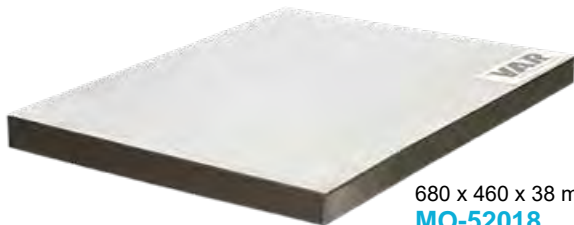
NEW !

46
cm

- original standard size of **VAR**, the 46cm depth provides convenient working surface
- perfect for small or medium workshop

69
cm

- new standard size of **VAR**, the 69cm depth provides great working surface to the mechanics
- perfect for medium to big workshop
- convenient with the use of professional truing stand and professional bench vise
- require the use of steel legs **MO-52291**

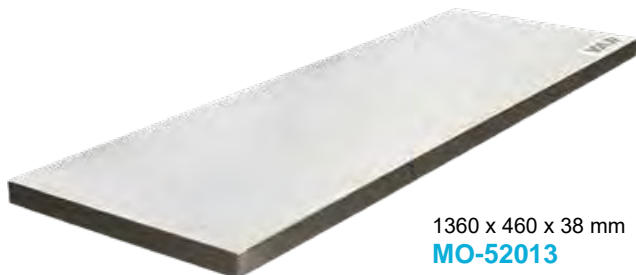


680 x 460 x 38 mm
MO-52018



680 x 690 x 38 mm
MO-52023

NEW !

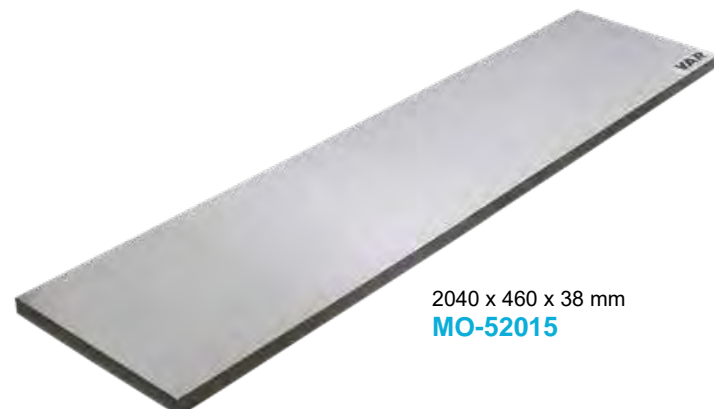


1360 x 460 x 38 mm
MO-52013



1360 x 690 x 38 mm
MO-52024

NEW !



2040 x 460 x 38 mm
MO-52015

1 cabinet width
680 MM

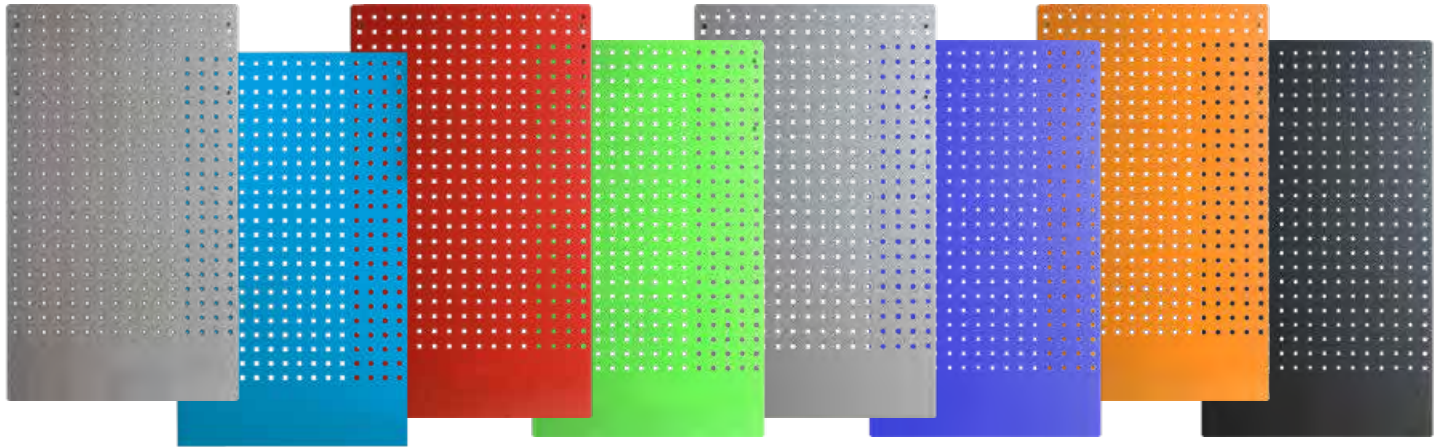
2 cabinet width
1360 MM

3 cabinet width
2040 MM

20 WORKSHOP EQUIPMENT

TOOL PANELS

- powder coating steel
- colors available : black granite, RAL 5012 blue, RAL 3020 red, RAL 9006 grey or RAL 2008 orange, textured grey , green RAL 6038, and textured blue
- dimensions : W. 614,5 x D. 24 x H. 1052 mm
- square holes
- hold tools with hook kit **MO-52060** (page 26)



MO-52257

**TEXTURED
GREY PANEL**

MO-52035

**BLUE
PANEL**

MO-52235

**RED
PANEL**

MO-52243

**GREEN
PANEL**

MO-52239

**GREY
PANEL**

MO-52253

**TEXTURED
BLUE PANEL**

MO-52249

**ORANGE
PANEL**

MO-52231

**BLACK GRANITE
PANEL**

DOUBLE CONNECTORS

- to link two tool panels together in the modular system
- measurements: W. 65 x D. 30 x H. 1420 mm

MO-52259



MO-52260

MO-52037



MO-52038

MO-52237



MO-52238

MO-52245



MO-52246

MO-52241



MO-52242

MO-52255



MO-52256

MO-52251



MO-52252

MO-52233



MO-52234

SINGLE CONNECTORS

- to cover the edge of the tool panels on both sides (except if the last unit is the tall cabinet which needs to be connected with a double-sided connector)
- measurements : W. 32,5 x D. 30 x H. 1420 mm
- 2 single-sided connectors (black or orange) allows to link two tool panels together, they hold the space of a double connector

MO-52621 WALL CABINET

- ideal for storing your chemical products, consumables, technical literature...
- steel lift-up door equipped with 2 gas struts
- maximum load of 15 kg
- quick and easy to fit on a tool panel
- measurements : W. 680 x D. 281 x H. 350 mm



MO-52077 POWER TOOL RACK

- fixed under a single high cabinet **MO-52621** (and **MO-52221**) exclusively.
- allows for storage of drills, screwdrivers, and other standard-sized tools.
- overall dimensions: L.680 x D.280 x H.150 mm.



MO-52623 LARGE WALL CABINET

- ideal for storing your chemical products, consumables, technical literature...
- steel lift-up door equipped with 2 gas struts
- maximum load of 30 kg
- quick and easy to fit on a tool panel
- measurements : W. 1360 x D. 281 x H. 350 mm



MO-52075 STEEL TRAY

- ideal for quick access to greases, lubricants and aerosols
- dimensions : W. 600 x D. 280 x H. 180 mm



22 WORKSHOP EQUIPMENT

MO-52606

CORNER FLOOR CABINET



- 1 door featuring concealed hinges provide 110° opening angle
- 1 powder-coated shelf (860 x 450 mm) with adjustable height in 80 mm increments
- key locking
- measurements (under benchtop, not included) : W. 864 x D. 864 x H. 910 mm
- optional : adjustable feet **MO-52071** can be added to level sloping floors
- to be installed back to back to benefit from a wider bench top : 864 x 1 728 mm

MO-52094

Spare shelf for corner floor cabinet **MO-52606**

WORKTOP DEPTHS FOR CORNER CABINET

To adapt to all worktop depths, the corner unit can be accompanied by **MO-52291** worktop extension legs. Wooden or stainless steel corner tops can be complemented with wooden or stainless steel extensions.

BEECH PLYWOOD CORNER BENCH TOP

- 40mm thickness ensures sturdiness and durability
- treated with varnish for better resistance to chemicals and easier maintenance
- threaded inserts ensure fast and easy assembly
- to cover the corner floor cabinet

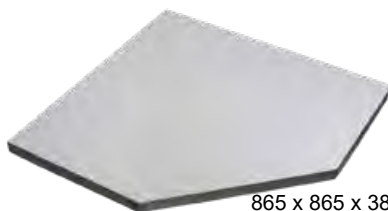
STAINLESS STEEL CORNER BENCH TOP

- 38mm thickness MDF top covered with a sheet of brushed stainless steel
- threaded inserts ensure fast and easy assembly
- to cover the corner floor cabinet

CORNER BENCH TOP



865 x 865 x 40 mm
MO-52284



865 x 865 x 38 mm
MO-52016

CORNER BENCH TOP EXTENSION 1



865 x 230 x 40 mm
MO-52288



865 x 230 x 38 mm
MO-52027

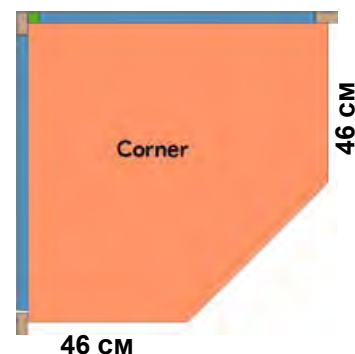


CORNER BENCH TOP EXTENSION 2

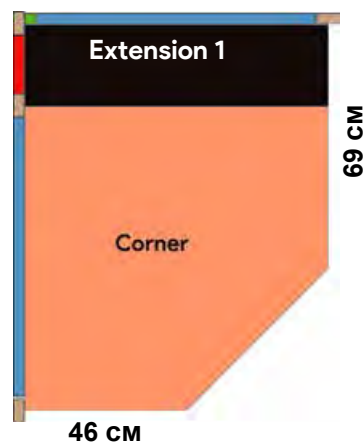


1095 x 230 x 40 mm
MO-52289

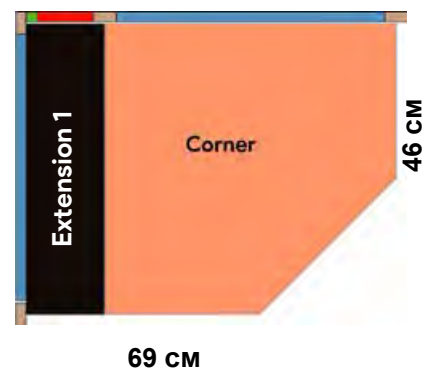
TOP VIEW



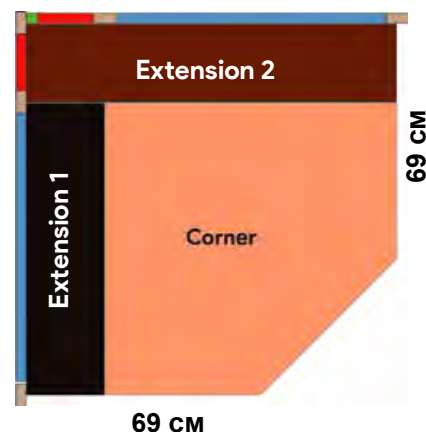
46 cm



46 cm



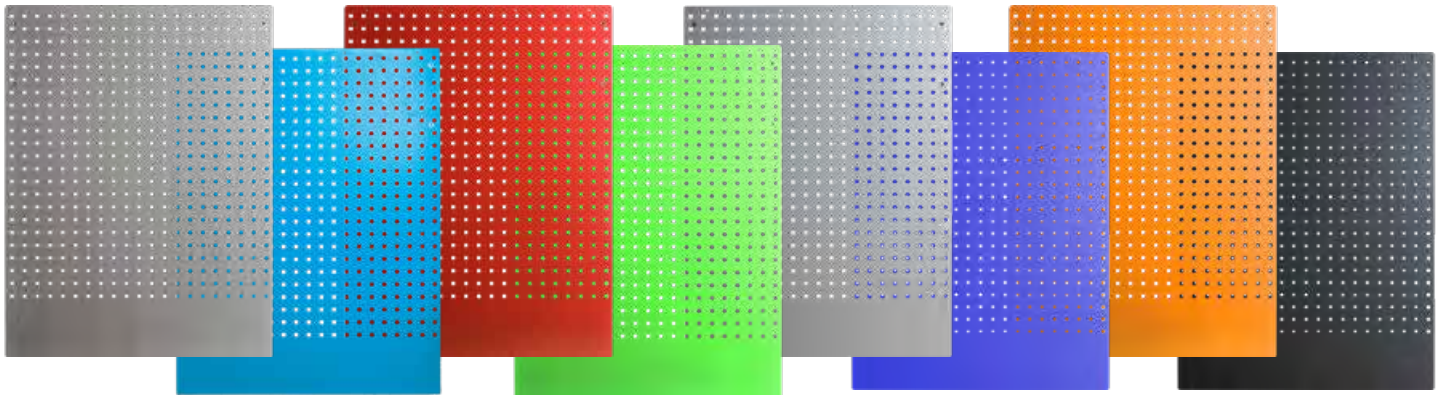
69 cm



69 cm

CORNER TOOL PANELS

- powder coating steel
- colors available : black granite, RAL 5012 blue, RAL 3020 red, RAL 9006 grey or RAL 2008 orange
- dimensions : W. 800 x D. 24 x H. 1052 mm
- square holes
- hold tools with hook kit **MO-52060** (page 26)



MO-52258
TEXTURED
GREY PANEL

MO-52036
BLUE
PANEL

MO-52236
RED
PANEL

MO-52244
GREEN
PANEL

MO-52240
GREY
PANEL

MO-52254
TEXTURED
BLUE PANEL

MO-52250
ORANGE
PANEL

MO-52232
BLACK GRANITE
PANEL

MO-52261 SMALL CORNER TOOL PANEL

- fills the corner gap in a 69cm depth worktop configuration
- powder-coated steel sheet
- features square holes
- use hook kit **MO-52060** (page 26) to hang tools on panels
- measurements : W. 165.5 x D. 24 x H. 1052mm



MO-52622 CORNER WALL CABINET

- ideal for storing your chemical products, consumables, technical literature...
- steel lift-up door equipped with 2 gas struts
- maximum load of 15 kg
- quick and easy to fit on a tool panel
- measurements : W. 865 x D. 865 x H. 350 mm



24 WORKSHOP EQUIPMENT

MO-52071 SET OF 4 ADJUSTABLE FEET

- makes up for ground level defects
- compatible with the following pieces of furniture : **MO-52601, MO-52602, MO-52603, MO-52604, MO-52605, MO-52606, MO-52608, MO-52610, MO-52612 and MO-52611**
- 4 feet are necessary for a piece of furniture
- exception: 5 feet for the corner cabinet **MO-52606**



ROLLING STAND FOR CABINETS

It enables you to customize your own rolling stand with 1, 2 or 3 cabinets

This is a mobile workstation designed up to your requirements

Your combination of cabinets can be changed any time which makes the system flexible and versatile

To assemble your rolling cabinet, you need :

- a rolling stand for 1, 2 or 3 units (**MO-52090, MO-52092 or MO-52093**)
- select your cabinets among **MO-52602, MO-52603, MO-52604, MO-52605, MO-52608, MO-52613, MO-52614, MO-52612 and MO-52610** (these 2 last account for 2 units)
- select your benchtop (wood or stainless steel and dimension)
- tool panels, connectors and wall cabinets can be added at your option
- height : 1000 mm (without tool panel), 2090 mm (with tool panel)

The rolling stand features rubber edge protections, 4 casters (2 locking) and 1 handle

MO-52090 ROLLING STAND FOR 1 UNIT

MO-52092 ROLLING STAND FOR 2 UNITS

MO-52093 ROLLING STAND FOR 3 UNITS



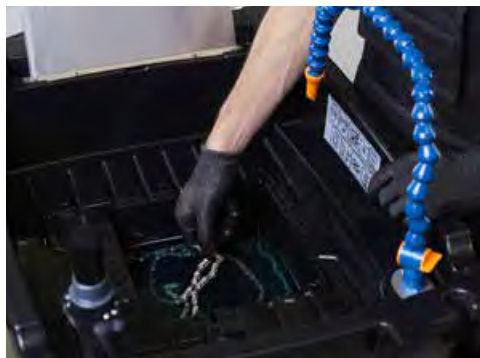
MO-52300 COMPACT PARTS WASHER

- to clean tools, spare parts and components specially drivetrain before lubrication
- flow-through wash brush included
- works on 230V power supply
- to be used with water-based cleaner **NL-74000** only
- the use of solvent-based cleaners in our parts cleaner is strictly prohibited
- works in closed circuit
- tank volume : 15 L
- measurements : 650 x 460 x 250 mm



MO-52310 PROFESSIONAL PARTS WASHER

- to clean tools, spare parts and components specially drivetrain before lubrication
- heats up the cleaner within 15 min to 37°C for optimal efficiency
- flow-through wash brush included
- works in closed circuit
- works on 230V power supply
- flexible nozzle allows you to have hands free to use brushes and tools for cleaning
- casters allow you to wheel the parts washer under the bike
- contains a filter of 50 microns not to lose small components (balls, screws) and to protect separate
- large soaking tank for components requiring deep cleaning
- to be used with water-based cleaner **NL-74000** and tablets of microorganisms **NL-74100**
- the use of solvent-based cleaners in our parts cleaner is strictly prohibited
- casters with brakes
- tank volume : 40 L



MO-52399 STARTING KIT FOR PARTS WASHER

This kit includes the necessary elements for the first year of use. It contains:

- the professional, mobile, heated cleaning fountain **MO-52310**;
- 3 x 20L cans of **NL-74000** cleaner;
- 1 box of 4 **NL-74100** microorganism tablets, harmless to the skin;
- 1 replacement 50-micron sock filter **MO-52312**;
- 1 replacement hard brush **MO-52313**.

NL-74000 CLEANING SOLUTION FOR PARTS WASHERS - 20 L (PAGE 110)

NL-74100 4 TABLETS FOR MO-52310



26 WORKSHOP EQUIPMENT

MO-52050 SET OF 2 LED RAMPS

- comes with one single power adapter and one connecting cable to power up the second ramp from the first
- 8 watts
- soft and white light (4.000 K)
- to be installed under a wall cabinet (adhesive tape included)
- measurements : W. 615 x D. 30 x H. 12 mm

We strongly recommend to power only 2 LED ramps with one power adaptor.



MO-52088 PAPER ROLL HOLDER

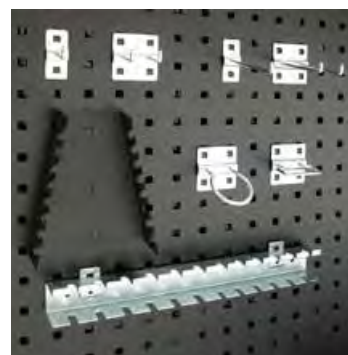
- tool panel compatible
- allows the paper roll NL-78800 to be installed at the desired height



MO-52060 HOOK AND RACK KIT

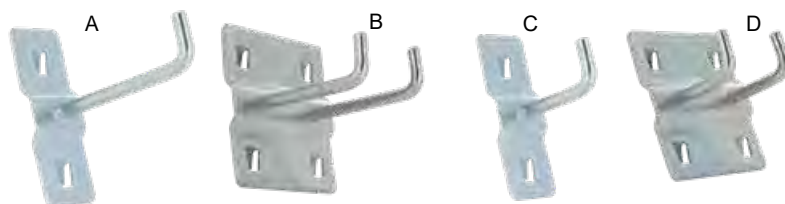
The kit includes (valid for 2 panels)

- 20 single hooks - 35 mm long
- 10 single hooks - 87 mm long
- 5 double hooks - 35 mm long
- 5 double hooks - 87 mm long
- 5 rectangle loop hooks
- 2 round loop hooks
- 1 screwdriver and hex wrench rack
- 1 combination wrench rack



- MO-52061 Set of 10 single long hooks
- MO-52062 Set of 10 double long hooks
- MO-52063 Set of 10 single short hooks
- MO-52064 Set of 10 double short hooks

A
B
C
D



MO-52070 KIT OF PEG BINS

- 1 steel bar to fit peg bins (440 mm long)
- 4 plastic bins
- measurements of one bin : 140 x 105 x 75 mm



- MO-52072 AEROSOL CAN TRAY
- fits MWS tool panels and tool cabinet MO-50700
- dimensions : 304 x 83 x 83 mm



MO-52073 BENCHTOP MAT

- dimensions: 450 x 200 x 7 mm
- to organize small parts, tools and components for smooth maintenance on forks, pedals, shocks, hubs, derailleurs, ...
- to protect a bench from scratches and chemicals
- insert boxes **MO-52078** can be installed inside compartments to organize spare parts smoothly
- made of rubber-like PVC and easy to clean
- REACH certified



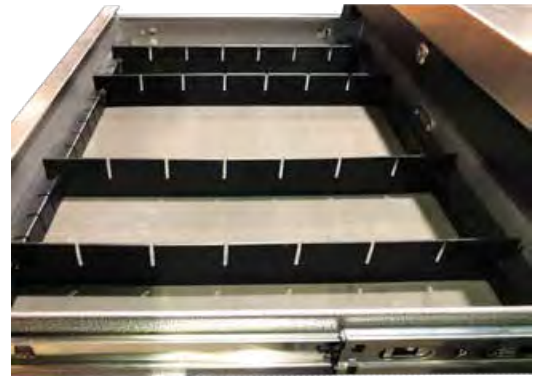
MO-52074 KING SIZE BENCHTOP MAT

- dimensions: 680 x 465 x 7 mm
- to organize small parts, tools and components for smooth maintenance on forks, shocks, hubs, derailleurs, ...
- to protect a bench from scratches and chemicals
- insert boxes **MO-52078** can be installed inside compartments to organize spare parts smoothly
- fully covers the benchtop of any **VAR** floor cabinet including the front edge of benchtop 26.77" x 18.11" (68 x 46 cm)
- made of rubber-like PVC and easy to clean
- REACH certified



MO-52080 KIT OF DRAWER DIVIDERS

- supplied with 4 steel dividers and 2 side rails to store your tools properly
- suitable for our drawer tool cabinets **MO-52604** and **MO-52605**
- not suitable for our cabinets **MO-52607** and **MO-50700**



MO-52078 SET OF 39 INSERT BOXES

- ideal for organising drawer cabinets **MO-52604** and **MO-52605** and rolling tool cabinet **MO-52607**
- suitable for storing small parts and components
- made of high-impact plastic

Set includes :

- 20 red boxes - outer dimensions : 54 x 54 x 63 mm
- 15 yellow boxes - outer dimensions : 54 x 108 x 63 mm
- 2 blue boxes - outer dimensions : 108 x 108 x 63 mm
- 2 green boxes - outer dimensions : 108 x 162 x 63 mm



28 WORKSHOP EQUIPMENT

SET OF 7 PROTECTION FOAM LAYERS FOR DRAWERS

- protects drawer bottoms by dramatically reducing slidings of tools
- 3mm thickness PVC material

MO-52082

Set of 7 protection foam layers drawers of cabinets **MO-52604, MO-52605, MO-52609, MO-52614**
dimensions : 567 x 404 x 3 mm

MO-52084

Set of 7 protection foam layers drawers of rolling cabinet **MO-50700**
dimensions : 533 x 404 x 3 mm



TOOL TRAYS

- black EVA foam with imitation aluminum coating
- ideal for tooling storage
- marking allows you to quickly find the desired / missing equipment
- hard coating makes cleaning easy
- REACH certified



FOR ROLLING CABINETS MO-50700 AND MO-52607

tool tray dimensions compatible with these rolling tool cabinets :

- 520 x 399 x 32 mm
- 280 x 399 x 32 mm

FOR CABINETS MO-52604, MO-52605, MO-52614, MO-52609, MO-52610 AND MO-52612

tool tray dimensions compatible with these tool cabinets :

- 520 x 399 x 32 mm
- 560 x 399 x 32 mm
- 280 x 399 x 32 mm



MO-52500

L x P x A = 560 x 399 x 32 mm
CL-18100, CL-18200, DV-57500



MO-52510

L x P x A = 280 x 399 x 32 mm
DV-55500-06/17
DV-57100, DV-55300



MO-52520

L x P x A = 280 x 399 x 32 mm
DV-57000, DV-71000



MO-52530

L x P x A = 280 x 399 x 32 mm
DV-55400, DV-56800
DV-56900, DV-57200

MO-52400

sold without tool

MO-52410

sold without tool

MO-52420

sold without tool

MO-52430

sold without tool



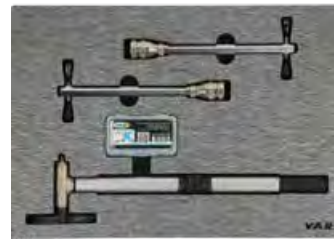
MO-52540

L x P x A = 560 x 399 x 32 mm
CD-38200, CD-38340
and its taps and cutters



MO-52541

L x P x A = 560 x 399 x 32 mm
CD-03600
and its cutters



MO-52542

L x P x A = 560 x 399 x 32 mm
CD-13900, CD-13000, CD-47500



MO-52543

L x P x A = 560 x 399 x 32 mm
RP-06000-13/24, RP-02200
RP-02700, RP-26000, RP-26800
RP-25510, RP-02400-C, RP-26400

MO-52440

sold without tool

MO-52441

sold without tool

MO-52442

sold without tool

MO-52443

sold without tool



MO-52544

L x P x A = 280 x 399 x 32 mm
FH-92400, RP-43000
RP-42300, RP-42400



MO-52545

L x P x A = 560 x 399 x 32 mm
RL-27000, RL-40000
and cassette removers



MO-52546

L x P x A = 280 x 399 x 32 mm
PE-13550



MO-52547

L x P x A = 280 x 399 x 32 mm
PE-65000, PE-65100, PE-11000
PE-01000, PE-04700
PE-39300, PE-39500

MO-52444

sold without tool

MO-52445

sold without tool

MO-52446

sold without tool

MO-52447

sold without tool



MO-52548

L x P x A = 560 x 399 x 32 mm
DR-03500, PE-13800
DR-37300 / PE-12900
DR-37400



MO-52549

L x P x A = 560 x 399 x 32 mm
DR-10100, DR-14700
DR-95400, DR-16200
DR-98200



MO-52501

L x P x A = 520 x 399 x 32 mm
CL-18100, CL-18200



MO-52511

L x P x A = 520 x 399 x 32 mm
DV-55500-06/17, DV-57500
DV-71000, DV-56800
DV-55400

MO-52448

sold without tool

MO-52449

sold without tool

MO-52401

sold without tool

MO-52411

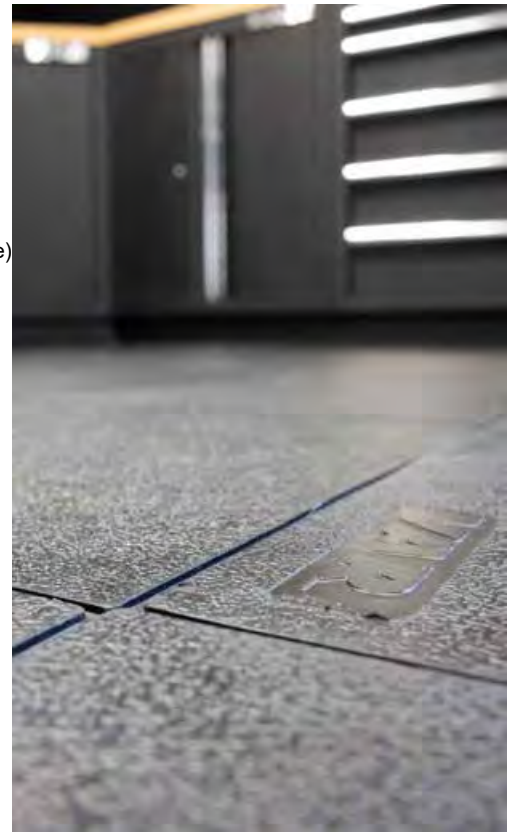
sold without tool

30 WORKSHOP EQUIPMENT

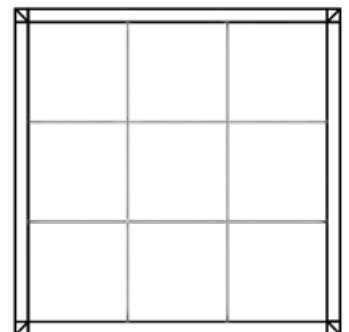
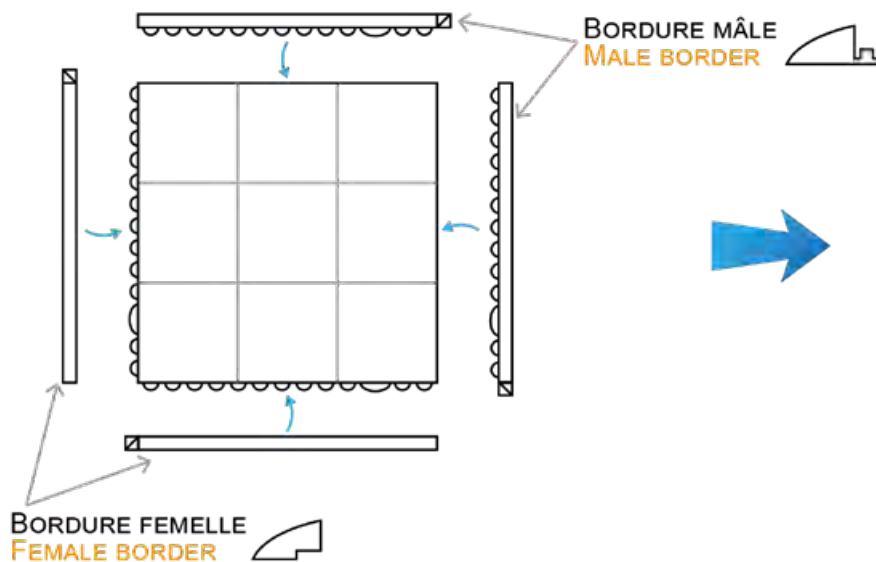
RUBBER ANTI-FATIGUE FLOOR TILES

- ideal for people who have to stand for a long period of time especially on hard surfaces
- provide comfort, reduce pain, decrease the risk of injuries and help increase work productivity
- can be easily assembled for coverage of large areas or individual workstations
- resistant to chemicals, oils and grease
- offer insulation from cold floors and minimize the risk of tool or component damage on hard floors
- anti-slip granite surface
- female/male interlocking bevelled edges allow outside and inside corners (available in black and blue)
- easy to clean
- Reach compliant

Measurements of useful surface : 915 x 915 x 16 mm



MO-51000	BLACK FLOOR TILE - 915 X 915 MM
MO-51001	BLACK MALE BEVELLED EDGE
MO-51002	BLACK FEMALE BEVELLED EDGE
MO-51003	BLUE MALE BEVELLED EDGE
MO-51004	BLUE FEMALE BEVELLED EDGE



SETS OF ANTI-FATIGUE FLOOR MATS

To make the set up of anti-fatigue mats in the workshop easier, we constituted sets of anti-fatigue mats with borders. These sets allow you to cover a rectangular or square surface without having to count the number of tiles and borders needed.

These sets are available in the 3D configurator.

MO-51022

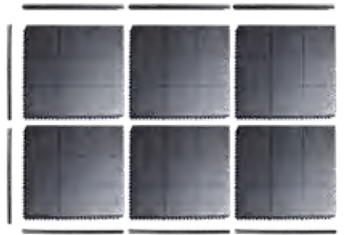


DETAILS

2 x 2 MO-51000
4 MO-51001 + 4 MO-51002

OVERALL DIMENSIONS 1940 mm x 1940 mm

MO-51032



3 x 2 MO-51000
6 MO-51001 + 6 MO-51002

1940 mm x 2855 mm

MO-51044



4 x 4 MO-51000
8 MO-51001 + 8 MO-51002

3770 mm x 3770 mm

MO-51200

SHOP STOOL

- VAR shop stool is the perfect height for wheel truing operations
- also great for other work at a bench or counter or in the shop
- chrome-plated steel legs and a comfortable padded seat with a silver logo
- seat rotates 360 degrees and is positioned at a height of 28.74" (73 cm)



MO-51300

ROLLING SHOP STOOL

- VAR shop stool is very handy for quickly moving around the bike while making adjustments or repairs
- adjustable height from 19.29" to 24.80" (49 to 63 cm)
- comfortable rotating seat with silver VAR logo
- quality wheels for fast and smooth-rolling



MO-51302

SPARE WHEEL FOR ROLLING SHOP STOOL MO-51300

32 WORKSHOP EQUIPMENT

MO-52700

EQUIPPED WORKSHOP ROLLING CABINET WITH TOOLS INCLUDED

- This equipped tool cart allows you to perform the most frequent maintenance operations on a bicycle. Fully integrated into our Modular Workshop System concept, this tool cart is based on our Black Edition range, equipped with 7 tool foam inlays.
- The tool cart comes with a beech wood worktop **MO-52281**, a 1-unit conversion kit **MO-52090**, a handle, and a black worktop mat **MO-52074**.
- Dimensions (L x W x H): 68 x 49 x 100 cm
- 2 swivel casters and 2 casters with brake
- Load capacity per drawer: 35 kg
- 5 drawers 560 x 400 x 60 mm
- 2 drawers 650 x 400 x 140 mm
- Threaded inserts on the back of the tool cart for single posts and tool board attachments to expand the tool cart's capabilities and integration.



MO-52650

CABINET MO-52610 WITH WORKTOP AND TOOLS

- This large cabinet equipped with a wooden worktop and tools, is the ideal piece of furniture to start a bicycle mechanic workshop. This cabinet is fully integrated into our Modular Workshop System concept and will blend seamlessly with other **VAR** cabinets.
- It contains the ideal tools for repairing various bicycles, such as wheel truing stand **CR-07600**, bench vise **DV-09000-100**, bottom bracket tool kit **BP-03900**, and numerous other tools.

The tools are stored in tool trays, and a set of insert boxes **MO-52078** is provided for better drawer organization.

- 1 large drawer: L. 1250 x D. 400 x H. 90 mm
- 5 drawers: L. 770 x D. 400 x H. 60 mm
- 1 drawer: L. 770 x D. 400 x H. 190 mm
- 1 door with a shelf inside lockable
- dimensions (with workbench provided): L. 1360 x D. 458 x H. 950 mm



KO-91221 BASIC TOOL KIT

This first kit includes a base of necessary tools for common first-level operations to carry out on a bicycle.

This kit is recommended in a bike workshop first set-up or as an addition in a one-off workstation.



KO-91321 STARTER TOOL KIT

This is a solid starter kit for the shop mechanic including many major professional tools. Useful for a second mechanic.

KO-91421 PROFESSIONAL WORKSHOP KIT

The kit is designed for professionals and features the majority of necessary tools. This tool kit is to be highly considered for a bike shop opening.



KO-91521 EXPERT WORKSHOP KIT

The kit is designed to perform full maintenance and repair services. It includes the complete program of our finest professional tools to perform the most technically advanced repairs. Enjoy our 75 years of technical expertise to make your job easy !

UPDATED !



ITEM NUMBER	DESIGNATION	KO-91321	KO-91421	KO-91521
AP-94302	Work gloves black size L		X	X
AP-94500	Protective glasses		X	X
AP-94700	Professional workshop apron	X	X	X
BP-01300	Professional pin spanner for most adjusting BB cups		X	X
BP-01600	Professional peg spanner for bottom bracket locking			X
BP-03900	Bottom bracket tool kit		X	X
BP-30200	Bottom bracket locking hook spanner		X	
BP-41400	Sealed cartridge bottom bracket tool for Campagnolo			X
BP-99600-C	Bottom bracket tool for Shimano & ISIS drive compatible - carded	X	X	X
BP-99900-C	Bottom bracket tool for Shimano Hollowtech II or Campa Ultra-Torque	X		
CD-03600-44	Head tube reaming & facing set 1 1/8" Cane Creek semi-integrated			X
CD-04100-03	3mmx0.5 for rear wheel dropout alignment screws - HSS steel			X
CD-04100-05	Set 2 HSS taps 5mmx0.8 for water-bottle, toe-clip, fender & rack boss			X
CD-04100-06	Set 2 HSS taps 6mmx1 for cantilever brakes & large fender bosses			X
CD-04100-10	Set 2 HSS taps 10mmx1 for gear hanger			X
CD-04112-1	Frame taps thru-axle taps 12 mm x 100			X
CD-04112-1.5	Frame taps thru-axle taps 12mm x 150			X
CD-04112-1.75	Frame taps thru-axle taps 12mm x 175			X
CD-04115-1	Frame taps thru-axle taps 15mm x 100			X
CD-04115-1.5	Frame taps thru-axle taps 15mm x 150			X
CD-04120-1	Frame taps thru-axle taps 20mm x 100			X
CD-04120-1.5	Frame taps thru-axle taps 20mm x 150			X
CD-04120-2	Frame taps thru-axle taps 20mm x 200			X
CD-13900	Deraillleur hanger alignment gauge	X	X	X
CD-14600	Disc brake mount facing tool			X
CD-38200-1.370	Bottom bracket tapping set with taps 1.370"x24TPI L&R hand threads			X
CD-38340	Bottom bracket facing kit			X
CD-47500	Frame and fork end alignment gauge set			X
CH-04900-C	Chain wear indicator - carded	X	X	X
CH-05802-5	Bag 5 replacement screw for chain rivet tool		X	X
CH-06400	2-in-1 master link pliers	X	X	X
CH-06500	Professional chain tool	X	X	X
CL-18000-02/08	Set 7 P-handled hex wrenches from 2 to 8mm	X		X
CL-18100-02/08	Set 7 P-handled hex wrenches with ball-ends from 2 to 8mm		X	X
CL-18100-10	10mm P-handled hex wrench with a ball-end			X
CL-18200-07/40	Set 7 P-handled Torx wrenches from 7 to 40	X	X	X
CL-18302	2mm hex screwdriver		X	X
CL-18303	3mm hex screwdriver		X	X
CL-18304	4mm hex screwdriver		X	X
CL-18325	2.5mm hex screwdriver		X	X
CL-18410	T10 screwdriver		X	X
CL-18425	T25 screwdriver		X	X
CO-72100	Clamp ring - 100 pcs/bag	X		X
CO-72200	Set of 3 black self adhesive tape - 15mm x 20m			X
CO-72300	O'ring kit			X
CO-72400	Pins and screw kit			X
CO-72500	Hydraulic hose fitting box			X
CR-07100	Disc brake rotor truing gauge for CR-07600			X
CR-07699	Professional wheel truing stand		X	X
DR-03500	Headset and bearing cup press	X	X	X
DR-10100	1" & 1 1/8" crown race remover for carbon fiber & suspension forks			X
DR-14700	1", 1.1/8", 1.1/4" & 1.1/2" crown race setting tool set			X
DR-16200-30	30mm professional headset wrench - laser cut			X
DR-16200-32	32mm professional headset wrench - laser cut			X
DR-16200-36	36mm professional headset wrench - laser cut			X
DR-37300	1", 1.1/8" & 1.1/4" headset cup remover			X
DR-37400	1"1/4 & 1"1/2 headset cup remover	X	X	X
DR-95400	Star nut installation tool set		X	X
DR-98200	30x32x36x40mm headset wrench		X	X
DV-04320	Tap handle for square from 3 to 9 mm			X
DV-11600	Electronic digital caliper with metal cover - capacity up to 150mm		X	X
DV-11900	3/8" square ratchet wrench and socket set	X	X	X
DV-12200	4.2-85Nm digital torque wrench - 3/8" square drive		X	X
DV-12720	Special hacksaw blade for cutting carbon fiber tubes (Super HSS)		X	X
DV-12800	Professional hacksaw with bi-metal blades (HSSE)		X	X
DV-20200	Tube cutter for 3-42mm O.D. with deburrer			X
DV-55300	Measuring tape - 3m long		X	X
DV-55400	12" adjustable wrench		X	X
DV-55500-06/17	Set of 11 combination wrenches		X	X
DV-55600	Stainless steel magnetic bowl		X	X
DV-55700	Retractable utility knife			X
DV-55900	Needle nose pliers	X	X	X
DV-56000	Circlips pliers, outer			X
DV-56100	External circlip plier, bent nose			X
DV-56200	Circlips pliers, inner			X
DV-56300	Circlips pliers, inner folded			X
DV-56800	Double face hammer	X	X	X
DV-57300	Shop quality scissors		X	X
DV-57500	Pick hook set	X	X	X
DV-71000	Set of 6 professional screwdrivers	X	X	X
DV-71204	Professional screwdriver - n°2 JIS		X	X
DV-71700	Portable digital scale - 40kg		X	X
FH-04200	Crown race cutting tool and fork threading set			X
FH-04210-30.1	Cutter for FH-04200 - diameter 30.1			X
FH-80800	Shock pump			X
FH-92401	30 mm fork seal driver tool			X
FH-92402	32 mm fork seal driver tool			X
FH-92403	34 mm fork seal driver tool			X
FH-92404	35 mm fork seal driver tool			X
FH-92405	36 mm fork seal driver tool			X
FH-92406	38 mm fork seal driver tool			X
FH-92407	40 mm fork seal driver tool			X
FH-93100	Adjustable fork column cutting guide		X	X
FH-93200	Pipe deburrer		X	X
FR-01740	Bottle 200 cable ends for cables			X
FR-01750	Cable housing ferrules 4 mm, chrome plating - 200 pcs / bottle			X
FR-01760	Cable housing ferrules 5 mm, chrome plating - 200 pcs / bottle			X
FR-01850	Bottle 100 plastic cable housing ferrules Ø 4mm - black			X

ITEM NUMBER	DESIGNATION	KO-91321	KO-91421	KO-91521
FR-01860	Bottle 100 plastic cable housing ferrules Ø 5mm - black			X
FR-07000	Professional cable and housing cutter	X	X	X
FR-23300-C	Cable stretcher with thumb lock - carded	X	X	X
FR-29700	Hydraulic brake housing cutter			X
FR-29800	Lever for pads of hydraulic brakes			X
FR-29900	Straightening tool for bent disc brake rotor			X
FR-31000	Mineral brake bleeding kit			X
FR-31100	DOT brake bleeding kit			X
FR-93600-08/09	8x9mm brake & derailleur wrench	X	X	X
FR-93600-10/11	10x11mm brake & derailleur wrench	X	X	X
KO-90800	professional tool box with removable organizer	X		
MO-51300	Rolling shop stool			X
MO-52073	Benchtop for work top	X	X	X
MO-52074	Benchtop for work top king size			X
NL-73000	High Performance Lube - 100 mL	X	X	X
NL-73200	Wax Lube - 100 mL			X
NL-73400	E-bike Lube - 100 mL			X
NL-76300	Dielectric Silicone grease - 450 mL box			X
NL-76400	Biodegradable P.T.F.E. grease - 500g box			X
NL-76500	Lithium grease for bearings 450ML green			X
NL-76600	Copper grease pot 450ML			X
NL-75700	Tire Mounting Grease 1kg		X	X
NL-77500	Medium strength threadlocker 50 mL			X
NL-78002	Box 100 nitrile mechanic's gloves - size L			X
NL-78300	Carbon and alloy assembly compound - 100ml			X
NL-78400	PTFE grease - 100ml	X	X	
NL-78500	Lithium grease - 100ml			X
NL-78600	Anti-seize copper grease - 100ml			X
NL-78900	Silicone grease - 100ml			X
NL-79121	Bike cleaning brush kit (5 pieces)			X
PE-01000	22mm crank extractor with 8mm hex wrench	X	X	X
PE-04100-1/2	Set 2 crank taps 1/2"x20 tpi (left and right)			X
PE-04100-9/16	Set 2 crank taps 9/16"x20 tpi (left and right)			X
PE-04700	Repair kit for pedal thread 5/8"x24 tpi (left & right)			X
PE-09600-08	8mm hex wrench with dual density handle		X	X
PE-10800-10	10mm hex bit socket for Campi Ultra Torque			X
PE-10800-14	14mm hex bit socket for Campi Power Torque			X
PE-11000	M24x1.5 repair kit for extractor thread in crank			X
PE-12600	Crank extractor for Campagnolo Power Torque			X
PE-12900	Shimano Press Fit cup extractor	X	X	X
PE-13550	Campagnolo Ultra and Power Torque bearing installation tool			X
PE-13800-BB30	Bearing press and extractor for pressed bottom brackets	X	X	
PE-13800-PF	Set of 2 rings for BB30 bearing assembly	X	X	
PE-13800-PF30	Set of 2 rings for Shimano Press Fit bearing assembly			X
PE-35300	Set of 2 rings for Press Fit 30 cups	X	X	X
PE-35800	Wrench for standard & Campagnolo Ultra Torque chainring nuts			X
PE-60220-C	Nylon roller for Shimano Hollowtech II crank arm adjustment cap	X		
PE-60600	Screwdriver for Shimano Hollowtech II crank install		X	X
PE-65000	15x15mm professional pedal wrench	X	X	X
PE-65100	15mm pedal wrench adaptor for torque wrench			X
PE-95000	14x15mm professional crank bolt wrench			X
PR-82000	Display stand			X
PR-82100	Display stand for 27.5+ & 29+			X
RL-09600-10	10mm hex wrench for freehub bolt	X	X	X
RL-09600-11	11mm hex wrench for freehub bolt			X
RL-09600-12	12mm hex wrench for freehub bolt			X
RL-09600-15	15mm hex wrench for freehub bolt			X
RL-27000	Professional sprocket remover 8/9/10 speed	X	X	X
RL-40000-979	Freewheel locking wrench w/ cassette remover RL-97910	X	X	X
RL-40100-C	Freewheel remover for Regina, Zeus & Atom - carded			X
RL-40200	4 notch BMX freewheel remover for ACS 14/15 teeth			X
RL-40300	4 notch BMX freewheel remover			X
RL-41300	2 notch freewheel remover f/ Sountour, Sachs Aris, Maillard 700			X
RL-41400-C	Cassette remover for Campagnolo, Shimano UG, Sachs Aris - carded	X	X	X
RL-41600-C	Cassette remover with pilot for Campagnolo, Shimano UG - carded			X
RL-96200-C	Gear cleaning brush - carded	X	X	
RL-98000-C	Cassette remover with guide for Shimano Hyperglide - carded			X
RL-98100	Cassette remover for Shimano HG, Sram, with 12mm guide		X	X
RP-01200	Professional axle and pedal vise		X	X
RP-02400-C	Spoke wrench for Mavic wheels - carded		X	X
RP-02701	Professional spoke wrench - 3,2mm		X	X
RP-02702	Professional spoke wrench - 3,3 mm		X	X
RP-02703	Professional spoke wrench - 3,5mm		X	X
RP-06000-13/24	Set 11 professional hub cone wrenches	X	X	X
RP-08000	Bottle of 300 bearing balls, 3/16" (4,76mm)			X
RP-08100	Bottle of 200 bearing balls, 1/4" (6,35mm)			X
RP-08200	Bottle of 700 bearing balls, 3/32" (2,38mm)			X
RP-08300	Bottle of 400 bearing balls, 5/32" (3,96 mm)			X
RP-08400	Bottle of 400 bearing balls, 1/8" (3,18mm)			X
RP-08500	Bottle of 200 bearing balls, 7/32" (5,55 mm)			X
RP-14300	Professional wheel alignment gauge		X	X
RP-25510	Professional spoke wrench - 13/15 gauges (3.3 & 3.5mm)	X		X
RP-26000	Spoke nipple driver			X
RP-26101	Speed nipple bit - 1mm			X
RP-26102	Speed nipple bit - 2mm			X
RP-26103	Speed nipple bit - 3mm			X
RP-26400-05	5mm spoke wrench for rims			X
RP-26400-05.5	5.5mm spoke wrench for Campagnolo & Mavic Cosmic rims			X
RP-26800	Spoke, bearing and nipple gauge		X	X
RP-42900-C	Set 3 nylon tyre levers reinforced with fiberglass - carded	X	X	X
RP-43000	Professional tyre lever			X
RP-43400	Hub bearing extractor kit (10 to 20mm) - 5 extractors			X
RP-43700	Hub bearing press			X
RP-44000-C	Vulcanizing patch kit	X	X	X
RP-44300	Bottle of 50 Presta valve cores			X
RP-44900	Bottle of 50 Schrader valve cores			X
RP-46200	Tyre sealant - 1 liter		X	X
RP-80600-C	Professional high-pressure floor pump		X	X

36 FRAME

CD-03600 HEAD TUBE / BOTTOM BRACKET REAMING AND FACING SET

Delivered with conical pilot CD-03605. Features a quick release compression ring for fast fitting and removal of the tool and also for fine tuning of spring when used.

To be used with cutting oil CD-77000 (page 36)

Sold without cutter



CD-03605

TYPE	STANDARD	Ø	ITEM NUMBER
BB30	BB30	42	CD-03623-BB30
Press Fit	PF	41	CD-03623-PF
Press Fit 30	PF30	46	CD-03623-PF30
External Cut	1 1/8" (28.6 mm)	33.8	CD-03623-33.8
	1 1/2" (38.1 mm)	49.55	CD-03623-49.55
Zero Stack	1 1/8" (28.6 mm)	44	CD-03623-44
	1 1/2" (38.1 mm)	55.95	CD-03623-55.95
Integrated System	1 1/8" (28.6 mm) Cane Creek	41.10	CD-03621-41.15 CD-03622-41.15
	1 1/8" (28.6 mm) Campagnolo	41.95	CD-03621-41.95 CD-03622-41.95
	1 1/2" (38.1 mm)	52.10	CD-03623-52.10

CD-77000 HIGH-QUALITY CUTTING OIL

- strongly recommended for any cutting, tapping, facing and reaming operations on frame and fork
- extends tool life and makes frame prep operations better
- not dangerous for skin
- comply with European regulation
- aerosol de 300 mL



BOTTOM
BRACKET



CD-03623-BB30



CD-03623-PF



CD-03623-PF30

HEADSET



CD-03623-33.8



CD-03623-49.55



CD-03623-44

HEADSET



CD-03623-55.95



CD-03621-41.15



CD-03622-41.15

HEADSET



CD-03623-52.10



CD-03621-41.95



CD-03622-41.95

38 FRAME

CD-14600 DISC BRAKE MOUNT FACING TOOL

Our new generation of disc brake mount facing tool is designed and manufactured to accurately face frame and fork disc brake mounts to ensure a precise alignment to the rotor.

- faces any IS Mount, Post Mount and Flat Mount (Front Mount and Rear Mount)
- includes 4 facing cutters : 2 for IS Mounts, 2 for Post Mount and Flat Mount
- both cutters rotate simultaneously for quick and accurate facing operations
- both mounts are faced at the same time, ensuring both will be parallel and in the same plane with just one cut
- includes storage case
- ergonomic knob and performance have been improved
- to be used with cutting oil **CD-77000 (page 36)**

Compatibility :

- Quick release dropouts (front : 9x100 and rear : 10x135)
- Thru axle dropouts (front : 12x100, 15x100, Boost 110, 20x110, Fatbike 15x135)
- Thru axle dropouts (rear : 12x135, 12x142, Boost 12x148, 12x157, 12x165, Fatbike 12x170)

NEW !



CD-14550 UPDATE KIT FOR THE FIRST SERIES OF CD-14500

- 12x100 and 12x157 adaptors
- guide for rear axle



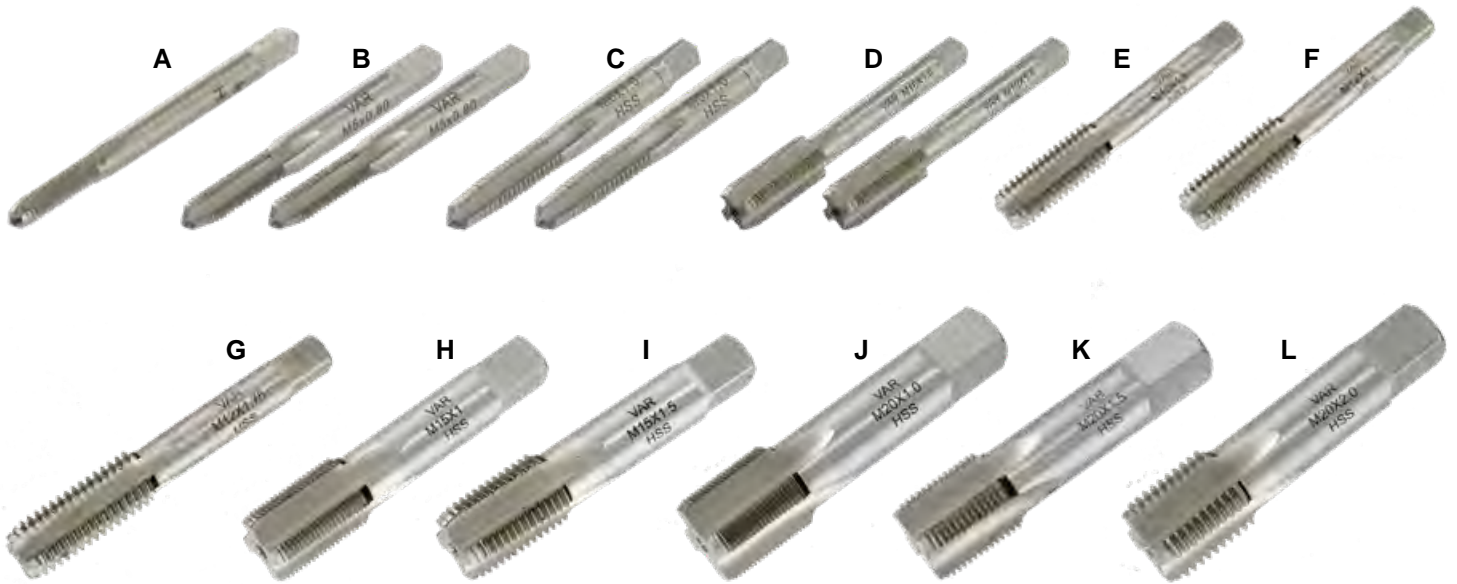
CD-14526 FACING CUTTER Ø20 FOR CD-14500 AND CD-14600

CD-14527 FACING CUTTER Ø13 FOR CD-14500 AND CD-14600

FRAME TAPS

- to cut small threads in the frame
- precision ground and hardened high speed steel
- fit tap handles **DV-04320** and DV-04340 (page 97)

To be used with cutting oil **CD-77000** (page 36)



A	CD-04100-03	3 mm x 0.5 for rear wheel drop-out alignment screws
B	CD-04100-05	5 mm x 0.8 for water bottle, toe clip, fender and rack bosses
C	CD-04100-06	6 mm x 1 for cantilever brakes and large fender bosses
D	CD-04100-10	10 mm x 100 for derailleur hanger
E	CD-04112-1	Thru-axle taps 12 mm x 100
F	CD-04112-1.5	Thru-axle taps 12 mm x 150
G	CD-04112-1.75	Thru-axle taps 12 mm x 175
H	CD-04115-1	Thru-axle taps 15 mm x 100
I	CD-04115-1.5	Thru-axle taps 15 mm x 150
J	CD-04120-1	Thru-axle taps 20 mm x 100
K	CD-04120-1.5	Thru-axle taps 20 mm x 150
L	CD-04120-2	Thru-axle taps 20 mm x 200

EXPANDING SEAT TUBE REAMER

- 6 hardened high speed steel blades
- fit tap handle DV-04340 (page 97)

To be used with cutting oil **CD-77000** (page 36)



CD-04510-26/29.5	for tube of inner Ø 26-29.5 mm
CD-04520-26/29.5	for tube of inner Ø 26-29.5 mm equipped with an extension
CD-04520-29.5/33.5	for tube of inner Ø 29.5-33.5 mm equipped with an extension



40 FRAME

CD-38200 BOTTOM BRACKET TAPPING TOOL WITHOUT TAPS

- to tap in line both sides of the bottom bracket shell
- CNC machined handles
- can be equipped with 5 taps : English thread (1.370"x24 TPI - left and right hands) or Italian thread (36 mm x 24 TPI - right hand) or T47 thread (47 x 1.0 mm - left and right hands)
- chrome plated steel
- to be used with kit **CD-38340** to clean up the face of the bottom bracket shell or to convert a BB shell from 70 to 68 mm
- to be used with cutting oil **CD-77000 (page 36)**
- Thru axle dropouts (rear : 12x135, 12x142, Boost 12x148, 12x157, 12x165, Fatbike 12x170)

CD-38200-1.370 complete bottom bracket tapping set - English thread 1.370" x 24 TPI (left and right hands)

CD-38200-36 complete bottom bracket tapping set - Italian thread 36 x 24 TPI (right hands)



BOTTOM BRACKET HAND TAP

- fits bottom bracket tapping set **CD-38200** for hand application
- for cutting threads in steel and aluminum bottom bracket shell
- not suitable for intensive use in titanium bottom bracket shell
- skip thread
- top quality high speed steel, high precision machining and heat-treatment

CD-38210-1.370 1.370" x 24 TPI right hand thread English tap

CD-38211-1.370 1.370" x 24 TPI left hand thread English tap

CD-38210-36 36 mm x 24 TPI right hand thread Italian tap

CD-38210-47 47 mm x 1.0 right hand thread T47 tap

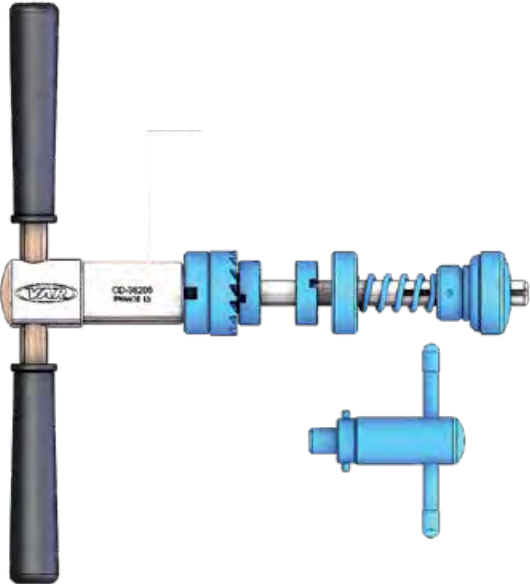
CD-38211-47 47 mm x 1.0 left hand thread T47 tap



CD-38340 BOTTOM BRACKET FACING KIT

- to clean up the faces of the bottom bracket shell of a threaded frame
- to remove excess paint from the BB shell to perfectly fit external bottom bracket cups
- to also convert a 70 mm bottom bracket to a 68 mm bottom bracket
- tension spring and tension nuts apply a gentle pressure not to get a chattering appearance
- comes with cutter **CD-38310-45**, 2 BSC guides **CD-38320-1.370** and assembly key **CD-38330**
- to be used with bottom bracket tapping set **CD-38200** from serial code L2

To be used with cutting oil **CD-77000** (page 36)



CD-38310-45 BOTTOM BRACKET FACING CUTTER Ø45

- fits bottom bracket facing set **CD-38340**
- 45 mm outer diameter
- CNC machined and hardened high speed steel
- compatible with standard bottom bracket shell



CD-38347 T47 BOTTOM BRACKET FACING CUTTER AND GUIDE KIT

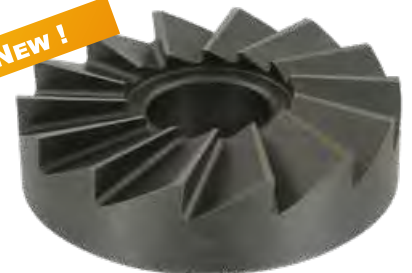
- features facing cutter **CD-38311** and a set of 2 guides **CD-38325** for T47 bottom bracket

CD-38311 BOTTOM BRACKET FACING CUTTER Ø55

- fits bottom bracket facing set **CD-38340**
- 55 mm outer diameter
- CNC machined and hardened high speed steel
- compatible with T47 bottom bracket shell

NEW !

NEW !



SET OF 2 GUIDES FOR FACING BOTTOM BRACKET SHELL

- high quality steel with protective coating
- left and right letters for quick identification
- ensures perfect alignment of the facing cutter to the bottom bracket

CD-38320-1.370 Set of 2 guides BSC 1.370" x 24 TPI

CD-38320-36 Set of 2 guides italian thread 36 x 24 TPI

CD-38325 Set of 2 guides for T47 standard

NEW !



42 FRAME

CD-13000 DERAILLEUR HANGER REPAIR KIT

Drill into the old threading in gear hanger using 12 mm drill, then fit the nut into the gear hanger from the inside of the frame. The nut to be installed must be of the same thickness as the gear hanger. Threads the derailleur axle into the hex nut and your gear hanger is saved.

The kit features :

- 1 HSS steel ground flute twist drill of 12 mm with shank 6 x 22 mm
- 3 hex nuts of 4,95 mm
- 3 hex nuts of 5,85 mm
- delivered in a compartmented plastic box



CD-13002-4.95

bag of 5 hex nuts of 4,95 mm

CD-13002-5.85

bag of 5 hex nuts of 5,85 mm

CD-13900 DERAILLEUR HANGER ALIGNMENT GAUGE

Designed to control the alignment of rear derailleur hanger and solve most derailleur shifting problems, specially those with index shifting systems.

Threads the tool into the derailleur hanger.

The tool arm holds a gauge which marks the distance to the rim.

Rotates the gauge with the wheel from 90° to 90° to check potential differences in measurements.

If any, apply pressure to the tool arm to realign the derailleur hanger.

- head and body of the tool are CNC machined
- threaded spindle in hardened alloy tool steel
- chrome plated steel
- longer axle facilitates the tool use on through-axle frames

UPDATED !



CD-47500 FRAME AND FORK END ALIGNMENT GAUGE SET

- checks whether frame and fork drop-outs are parallel to avoid bent axles or skewers, tracking and index shifting problems
- can also be used to straighten frame and fork drop-outs with tool arm
- CNC machined alloy tool steel
- chrome plated steel



FH-92400 DERAILLEUR HANGER REPAIR KIT

Tool for fitting fork oil seals

- for stanchion tubes of 30, 32, 34, 35, 36, 37, 38 and 40 mm
- made in Delrin (POM) to preserve the fork legs
- compatible with all fork seals (including lip seals)
- its asymmetrical shoulder enables all types of seal to remain flush with the lower leg



FH-92401 for Ø 30 mm stanchion tube

FH-92402 for Ø 32 mm stanchion tube

FH-92403 for Ø 34 mm stanchion tube

FH-92404 for Ø 35 mm stanchion tube

FH-92405 for Ø 36 mm stanchion tube

FH-92408 for Ø 37 mm stanchion tube

FH-92406 for Ø 38 mm stanchion tube

FH-92407 for Ø 40 mm stanchion tube



RP-43000 PROFESSIONAL TYRE LEVER

- designed to remove fork oil seals and the toughest tyres (downhill, freestyle,...)
- long handle (8,26" - 21 cm) gives excellent leverage
- ergonomic and anti-slip dual density handle for great comfort
- forged and hardened tool quality steel



FH-92321 50 ML SYRINGE FOR FORK BLEEDING

- graduated rod to control the amount of oil
- sold with 50 cm hose



44 FORK

FH-92500 SET OF 6 FLAT-FACED SOCKETS FOR MTB FORK TOP CAPS

- Enables tightening and loosening of fork caps.
- the chamfer-free design at the entry ensures perfect fit of the tool on the cap.
- Grooves on top of the sockets provide efficient grip
- A 3/8" drive square allows torque tightening using DV-12200 (page 99) or DV-10500 torque wrenches.
- Dimensions: 24mm, 26mm, 27mm (tapered), 28mm, 30mm, 32mm.
- Aluminum sockets with precision CNC machining.
- Black anodization with laser engraving.



NEW !



RP-42400 VALVE CORE EXTRACTOR FOR SCHRADER VALVES

- for removal and replacement of valve cores on pneumatic suspension systems as well as inner tubes with Schrader valves
- 40 mm long shaft and 4,45 mm diameter
- heavy-duty steel, exceptional durability
- comfortable and ergonomic dual density handle provides excellent grip
- doesn't fit Presta valves



FH-80800 SCHOCK PUMP

- ideal option for use with suspension forks and rear shocks
 - maximum inflation pressure 300 PSI / 21 bar
 - air bleed button for fine tuning of pressure
 - reliability : made of steel (body) and aluminum (handle)
 - long swiveling hose with Schrader valve adapter
 - long connector compatible with any brand including RockShox
- Caution : this pump is not suitable for tire inflation.



FH-04200 CROWN RACE CUTTING TOOL AND FORK THREADING SET

- unique dual function design for both machining fork crown race seats and cutting new threads or chasing existing threads on fork columns
- delivered with 2 guides (1" and 1.1/8") for both threading and cutting
- compatible with 1.1/2" tapered column forks
- delivered without any cutter or die



CROWN RACE CUTTERS

- to face the fork's lower seat to ensure proper crown race fit
- to be used with tool holder **FH-04200**
- high precision CNC machining
- to be used with **VAR** cutting oil **CD-77000**

FH-04210-26.5 for 1" columns

FH-04210-30.1 for 1 1/8" columns

FH-04210-39.9 for 1 1/2" columns



HEADSET DIE

- hardened high speed steel die
- CNC machined
- our handle assemblies **FH-04000** and **FH-04200** fit any **VAR** headset dies

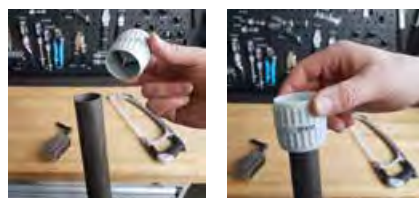
FH-04020-1 1" x 24 TPI die (25.4 mm)

FH-04020-1.1/8 1 1/8" x 26 TPI die (28.6 mm)



FH-93200 TUBE DEBURRER

- reams the inside and outside edges of tubing
- deburrs with clockwise and counter-clockwise rotations
- suitable for aluminum and steel tubing
- capacity : 4-40 mm (5/32" to 1.5")
- equipped with 3 hardened HSS cutting blades
- fluted body is shaped to fit comfortably in palm of hand



FH-93100 ADJUSTABLE FORK COLUMN CUTTING GUIDE

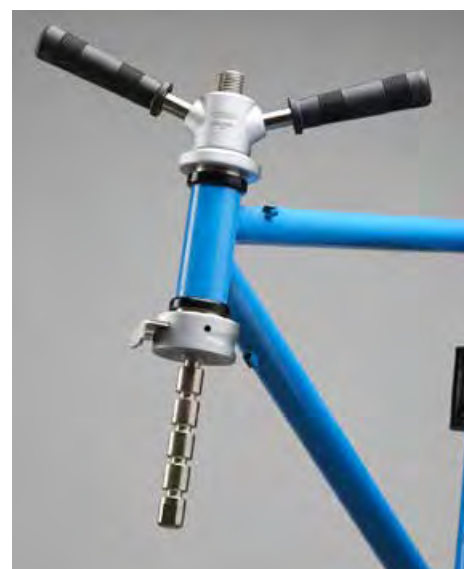
- precisely guides a hacksaw to cut handlebars, fork columns from 1" to 1.5", integrated seat posts from 22 mm to 39 mm in diameter and even airfoil shaped seat posts up to 70 mm
- holds tube tight to get a clean and square cut
- hardened steel body and plastic pads at contact points to protect tube surfaces



46 HEADSET

DR-03500 HEADSET AND BEARING CUP PRESS

- accurately presses 1", 1 1/8", 1 1/4", and 1.5" headset cups into head tube
- also presses BB30 cartridge bearings, Press Fit and Press Fit 30 cups into one piece bottom bracket shells
- features a quick-release press ring for fast operation
- long (30 cm) handles for superior leverage
- CNC machined stepped bushings for a precise fit
- delivered with 2 bushings **DR-03520**



DR-03520 SET OF 2 BUSHINGS FOR HEADSET AND BEARING CUP PRESS

- compatible with 1", 1 1/8", 1 1/4" and 1.5" headsets
- fits headset cup press tools **DR-03400** and **DR-03500**



PE-13800-PF SET OF 2 RINGS FOR SHIMANO PRESSFIT BEARING ASSEMBLY

- to be used with headset cup presses **DR-03400** (Ø20mm axle) or **DR-03500**



PE-13800-BB30 SET OF 2 RINGS FOR BB30 BEARING ASSEMBLY

- to be used with headset cup presses **DR-03400** (Ø20mm axle) or **DR-03500**



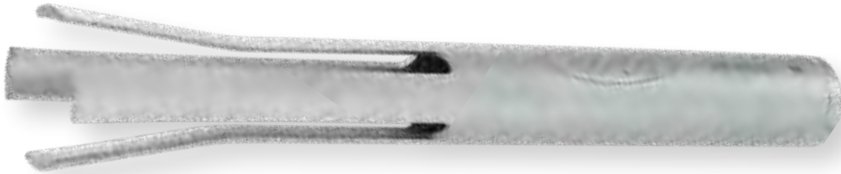
PE-13800-PF30 SET OF 2 RINGS FOR PRESSFIT 30 BEARING ASSEMBLY

- to be used with headset cup presses **DR-03400** (Ø20mm axle) or **DR-03500**

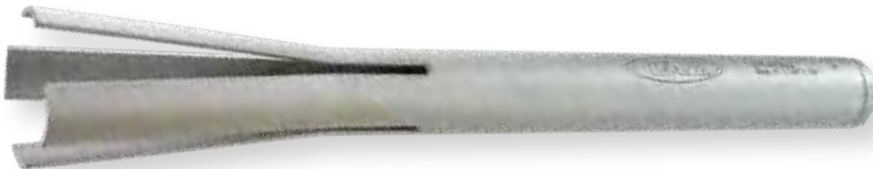


PE-12900 PRESSFIT BOTTOM BRACKET BEARING REMOVER

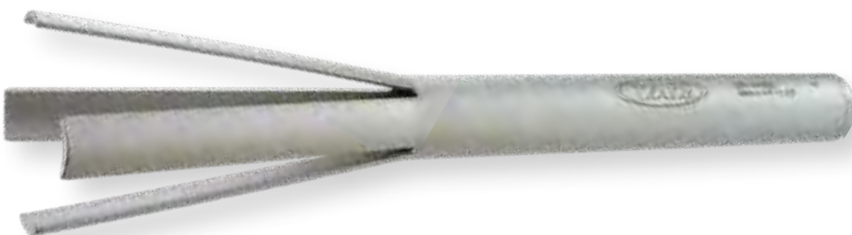
- compatible with BB86, BB90, BB92 Shimano Press Fit, Sram Press Fit GXP, RaceFace Press Fit and other Press Fit bottom bracket systems with 23 or 24 mm spindles
- compatible with Press Fit bottom brackets with or without an inner cover
- easily slides through the BB shell and expands behind the bearing
- to be used with double face hammer **DV-56800 (page 105)** to drive the cup out


DR-37300 HEADSET CUP REMOVER 1", 1 1/8", 1 1/4"

- makes headset cup removal easy
- fits 1", 1 1/8", 1 1/4" headset cups
- hardened tool quality steel
- tool head is made of hardened alloy steel for extended durability
- to be used with double face hammer **DV-56800 (page 105)** to drive the cup out


DR-37400 HEADSET CUP REMOVER 1 1/4", 1 1/2"

- makes headset cup removal easy
- fits 1 1/4" and 1.5" headset cups
- hardened tool quality steel
- tool head is made of hardened alloy steel for extended durability
- also remove the PressFit 30 (PF30) bottom bracket cups. The PressFit 30 inside diameter is the same as headset cups and are pressed in the same way
- to be used with double face hammer **DV-56800 (page 105)** to drive the cup out



48 HEADSET

DR-10100

FORK CROWN RACE EXTRACTOR

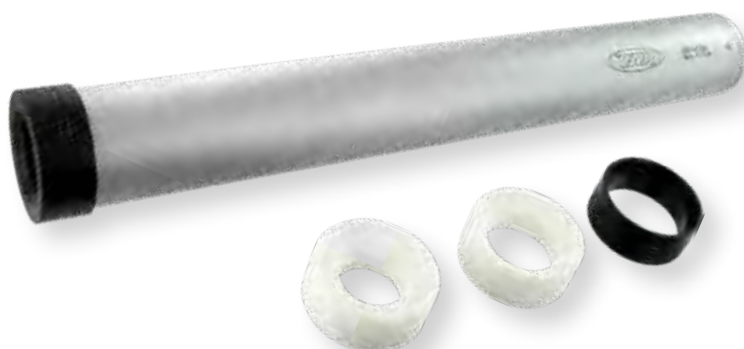
- to quickly and cleanly remove the headset crown race from any steel, aluminum and carbon fork columns
- works great with 1" and 1 1/8" and now 1 1/4" and 1 1/2" tapered steerer forks
- delivered with an extension tube to work on longer steering columns
- CNC machining
- hardened alloy tool steel collet and thrust bearing
- also suitable for removing Campagnolo and Fulcrum Ultra Torque and Power Torque crankset cartridge bearings



DR-14700

CROWN RACE SETTING TOOL

- to ensure fast, safe and accurate fit of the crown race onto the fork crown race seat
- also fits tapered steerer tube forks
- hardened tube end cap
- includes one universal setting tube and one setting ring of each size (1", 1 1/8", 1 1/4" and 1 1/2")
- rings made from Nylon to prevent any damage to the crown races
- chrome plated steel tube



DR-95400 STAR FANGLED NUT SETTING TOOL

- perfectly aligns stars nut into 1" and 1 1/8" threadless fork columns and sets them about 15mm (9/16") below the top of the steering column
- delivered with 1 1/8" guide for a perfect driving of the nut
- large diameter rubber grip provides great comfort and prevents pinched fingers
- removable hardened bolt **DR-95602**



DR-95602 replacement bolt



PROFESSIONAL HEADSET WRENCHES

- to hold the upper headset cup
- high-precision laser cut
- 4 mm thickness
- hardened alloy tool steel
- chrome plated steel

DR-16200-30 30 mm opening

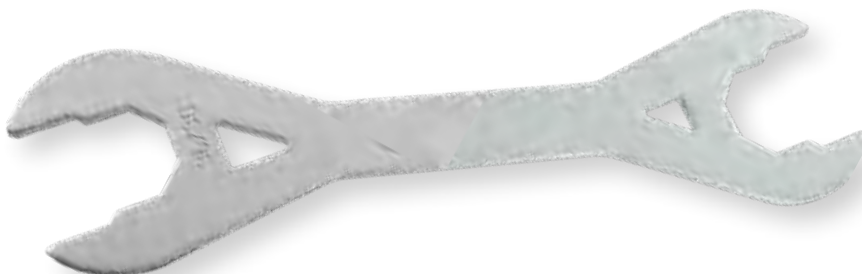
DR-16200-32 32 mm opening

DR-16200-36 36 mm opening



DR-98200 30x32x36x40 MM HEADSET WRENCH

- to adjust, fit and remove headsets
- jaws are precision cut for proper fitting
- hardened alloy tool steel
- chrome plated steel



50 BOTTOM BRACKET

BP-03900

BOTTOM BRACKET TOOL KIT

- Quickly and accurately installs and removes many types of external bearing bottom brackets
- Includes 14 sockets including 7 for E-bikes
- Includes 4 guides : Ø22/24 mm (Sram GXP), Ø24 mm , Ø29 mm (Sram DUB), Ø30 mm
- 1/2" square drive to fit torque wrenches **DV-12200** or **DV-10500** and adaptor **DV-10800**
- Precision CNC machined aluminum tools, anodized and laser engraved



SOCKETS FOR BOTTOM BRACKETS

- 14 sockets for fitting and removal of bottom brackets (included in the **BP-03900** tool kit)
- 1/2" square drive to be used with torque wrenches **DV-12200** or **DV-10500** and adaptor **DV-10800** (page 99)
- precision CNC machining
- anodized aluminum (except **BP-97800**, made of steel)
- compatible with 32 mm hex socket



BP-97200

Shimano Steps E7000, E8000
Aluminium



BP-97500

Bosch Active Line, Active Line
Plus, Brose
Aluminium



BP-97700

Bosch Classic, Cruise Drive Unit
Aluminium



BP-97400

Yamaha PW-SE, PW-TE
Aluminium



BP-97600

Bosch Performance Line,
Performance CX Line
Aluminium



BP-97800

Yamaha PW-X, PW-X2
Steel

E-BIKE

E-BIKE

E-BIKE



BP-97300

Praxis M30 BSA, T47 M30
Aluminium



BP-98600

Shimano Ultegra BBR60, BBR72,
XT MT800
Aluminium



BP-97010

Bafang M820 M510 M560, Bosch Active
Line, Active Line Plus, Brose
Aluminium



BP-98300

Chris King ThreadFit 30, T47
Aluminium



BP-98700

Sram DUB, Zipp Vuma
Race Face Cinch, Rotor BSA30
Aluminium



BP-97020

Bafang M600 M500 M620 M420
Valeo, Shimano Hollowtech II,
Sram GXP, FSA Mega Exo
Aluminium



BP-98400

Enduro T47, ThreadFit30,
Wheel Manufacturing T47
Aluminium



BP-98800

Token Ninja, FSA Mega Evo,
Wheel Manufacturing
Aluminium



BP-97030

Bafang Shift motor and hubs
Aluminium



BP-98500

Shimano BB9000, XTR BB91/93/94,
Dura-Ace R9100
Shimano Steps E5000, E6000
Aluminium



BP-98900

Shimano Hollowtech II, Sram GXP, FSA Mega Exo, Chris
King ThreadFit 24, Campagnolo, Hope,
Race Face X Type, Enduro
Aluminium



BP-97100

Fazua Ride 60, Shimano Ultegra BBR60,
BBR72, XT MT800
Aluminium

TRADITIONAL

TRADITIONAL

**E-BIKE
NOT IN BP-03900**

52 BOTTOM BRACKET

BP-41400 BOTTOM BRACKET TOOL FOR CAMPAGNOLO

- to fit and remove Campagnolo Record, Chorus, Athena, Miche and Stronglight JP SBB sealed cartridge bottom brackets
- precisely CNC machined
- hardened alloy tool steel
- industrial phosphate finish

BP-99500 BOTTOM BRACKET TOOL FOR SHIMANO XTR, BOSCH ACTIVE LINE, BROSE

- to fit and remove the cups on Shimano XTR, Ultegra (from 1998 to 2003) and Truvativ ISIS Drive sealed cartridge bottom brackets
- also to fit and remove the chainring locking on Shimano XTR, XT, LX, and STX-RC with guide **PE-99501**
- to fit and remove Bosch Active Line and Brose lockrings
- hardened industrial quality chrome vanadium steel, industrial phosphate finish
- compatible with tool holder **BP-03999** (32 mm hex socket)

PE-99500 BP-99500 with guide **PE-99501**

BOTTOM BRACKET TOOL FOR SHIMANO AND ISIS DRIVE

- to fit and remove all models of Shimano's sealed cartridge bottom brackets
- compatible with ISIS Drive for example FSA, Race Face, Stronglight (JP MX, JP 400, Twister and JP MX dh) bottom brackets
- drop-forged and hardened industrial quality chrome vanadium steel

BP-99600-C compatible with tool holder **BP-03999** (32 mm hex socket)

BP-99620 with a spring loaded threaded axle to hold the tool against the cup

BP-99700 CRANK LOCKING TOOL FOR SHIMANO STEPS E6000

- to install and remove Shimano SM-CRE60 chainring on e-bikes equipped with Shimano STePS E5000, E6000 series (DU-E6000, DU-E6001 and DU-E6010) drive units
- hardened tool quality steel
- compatible with tool holder **BP-03999** (32 mm hex socket)

BP-99900-C BOTTOM BRACKET TOOL FOR HOLLOWTECH II AND ULTRA TORQUE

- for fitting and removal of Shimano XTR, Saint, Deore XT, Hone, Deore LX, Dura Ace 10 speed, Ultegra and 105 (2006 serie) bottom bracket cups
- compatible with Campagnolo Ultra Torque, Truvativ GXP, Race Face X-type, FSA Megaexo and Stronglight Pulsion Activ Link bottom brackets
- to be used with torque wrench **DV-12200** (page 99) and adaptor **DV-10800**
- cold forged and hardened cromoly steel
- use tool **PE-60220-C** or **PE-60600** (page 61) to remove crank arm adjustment cap.
- compatible with tool holder **BP-03999** (32 mm hex socket)

PE-35600 CRANK LOCKING TOOL FOR BOSCH PERFORMANCE

- specially designed for fitting and removing locking sprocket from Bosch Active and Performance engines (2014/2015+ model years)
- 32 mm hex socket featuring a 1/2" square drive (compatible with tool holder **BP-03999**)
- to be used with torque wrench **DV-10500** and adaptor **DV-10800** or digital torque wrench **DV-12200** (page 99)

BP-03000-35.1/36.1 BOTTOM BRACKET FIXED CUP TOOL

- to tighten and loosen the fixed cup on old type bottom brackets without slipping out
- equipped with jaw **BP-03005-35.1/36.1**
- hardened alloy tool steel

BP-03005-35.1/36.1 35,1 x 36,1 mm jaw for Campagnolo, T.A., Shimano

BP-03005-35.1/36.8 35,5 x 36,8 mm jaw for Maillard

BP-0300-37.8/38.1 37,8 x 38,1 mm jaw for Stronglight



Ø (MM)	NOTCHES	ITEM CODES	THREADED BOTTOM BRACKET COMPATIBILITIES
54	16	BP-97200	SHIMANO Steps E7000, E8000, EP8
39	16	BP-98500, BP-99700	SHIMANO Steps E5000, E6000
43	8	BP-97500, BP-99500, PE-99500	BOSCH Active Line, Active Line Plus, BROSE
50	8	BP-97600, PE-35600	BOSCH Performance Line, Performance CX Line
60	8	BP-97700	BOSCH Classic, Cruise Drive Unit
46	8	BP-97800	YAMAHA PW-X, PW-X2
Hex 36		BP-97400	YAMAHA PW-SE, PW-TE
48	12	BP-97300	PRAXIS M30 BSA, T47 M30
50.4	12	BP-98300	CHRIS KING ThreadFit 30, T47
52.5	16	BP-98400	ENDURO T47, ThreadFit 30
39	16	BP-98500	SHIMANO BB9000, XTR BB91, XTR BB93, XTR BB94, Dura-Ace R9100
41	16	BP-98600	SHIMANO Ultegra BBR60, BBR72, XT MT800
45.5	24	BP-98700	SRAM Dub
46	12	BP-98700	RACE FACE Cinch, ROTOR BSA30, ZIPP VUMA
49	16	BP-98800	FSA Mega Evo, TOKEN Ninja, WHEEL Mfg
44	16	BP-98900, BP-99900-C	SHIMANO Hollowtech II, SRAM GXP, FSA MEga Exo, CHRIS KING ThreadFit 24, CAMPAGNOLO, HOPE, RACE FACE X type, ENDURO
22.7	12	BP-41400	CAMPAGNOLO Record, Chorus, Athena, Miche, STRONGLIGHT JP SBB
31.6	20	BP-99600, BP-99620	SHIMANO, SUNTOUR
Ø (MM)	GUIDES	THREADED STANDARDS	
22/24	BP-03903	SRAM GXP	
24	BP-03904	SHIMANO Hollowtech II, SRAM GXP, FSA MEga Exo, CHRIS KING ThreadFit 24, CAMPAGNOLO, HOPE, RACE FACE X type, ENDURO	
29	BP-03905	SRAM DUB	
30	BP-03906	FSA Mega Evo	

BP-03999 TOOL HOLDER FOR 32 MM HEX

54 BOTTOM BRACKET

BP-95100 32MM CROWFOOT FOR BOTTOM BRACKET SOCKETS

- ensures bottom brackets and motor unit lockrings are installed according to the manufacturers' torque recommendations
- fits any 3/8" drive torque wrenches such as **DV-12200** (page 99) (digital type) and **DV-10500** (click type)
- laser cut, hardened and chrome-plated for long life
- 4mm thickness



BP-62100-C PREMIUM BOTTOM BRACKET WRENCH FOR HOLLOWTECH II

- to fit and remove Shimano Hollowtech II, Race Face X-type, FSA Mega-Exo, Truvativ GXP, Sram GXP, Campagnolo and similar bottom bracket cups with 16 external notches
- 30 cm long tool provides tremendous leverage
- hardened high quality carbon steel
- equipped with tool **PE-60220-C** (page 61) to fit and remove crank arm adjusting caps
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- unmatched quality and comfort for a consumer tool
- packaged carded



BP-96100 PROFESSIONAL BOTTOM BRACKET WRENCH FOR HOLLOWTECH II

- for fitting and removal of Shimano (XTR, Saint, Deore XT, Hone, LX, Dura Ace 10 speed, Ultegra), Campagnolo Ultra Torque, Truvativ, Giga X-Pipe, Race Face X-type, FSA Megaexo cartridge bearing bottom brackets
- laser cut and hardened CR-VA steel



BP-60000-C 15 x 17 MM PEDAL AND BOTTOM BRACKET WRENCH

- to fit and remove the «star shaped» cartridge cups on Shimano BBUN 10, Sachs, Campagnolo Veloce, Mirage, Xenon, Centaur, Daytona, Avanti, Ofmega, Thun SKF and FAG sealed cartridge bottom brackets
- hardened alloy tool steel
- packaged carded



BP-60500-C BOTTOM BRACKET WRENCH FOR HOLLOWTECH II AND SM-BB9000

- the small size is compatible with Shimano Dura Ace BB9000 series and XTR BB93 series threaded bottom brackets
- Dura-Ace threaded bearing adaptors have an outside diameter of 39 mm
- the large size is compatible with Shimano Hollowtech II, Campagnolo, Truvativ GXP, Sram GXP, RaceFace X-type, FSA MegaExo threaded bottom brackets
- these threaded bearing adaptors have an outside diameter of 44 mm



BP-01300 ADJUSTABLE PEG SPANNER

- to adjust the bottom bracket adjusting cup and some old type freewheels featuring 2 holes
- high-precision laser cut
- pins are made of hardened Nickel Chrome steel



BP-01303-2

BAG OF 2 PINS



BP-01600 BOTTOM BRACKET LOCKRING PLIERS

- to adjust the locknut on old type bottom brackets
- 2 setting positions
- pins are made of hardened alloy tool steel



BP-30200 BOTTOM BRACKET LOCKRING SPANNER

- to adjust the locknut on bottom bracket
- fully vinyl coated for an excellent protection of painting on bottom bracket shell and for comfort
- hardened alloy tool steel



56

CRANKSET AND PEDALS

PE-13550

BEARING PRESS AND EXTRACTOR FOR PRESSED BOTTOM BRACKETS

- for smooth and quick fitting and removal of bearings
- 1 tool for fitting and removal of pressed bottom brackets: BB30, BB90/95, Press Fit, BB86, BB92, Press Fit 30, Sram DUB
- won't damage the cartridge bearing seat into the BB shell
- bearing bushings are made of Delrin and protect frame painting
- CNC machined and chrome plated



PE-13599

KIT OF BEARING BUSHINGS FOR PE-13500

To make BB30 bearing press **PE-13500** compatible with the following bottom brackets :

BB90/95, Sram DUB, Press Fit, BB86, BB92, Press Fit 30



PRESSED STANDARDS	FITTING	REMOVAL
BB30	PE-13550 / PE-12500 / DR-03500 + PE-13800-BB30	PE-13550 / DR-37400
Press Fit, BB86, BB92	PE-13550 / PE-12500 / DR-03500 + PE-13800-PF	PE-13550 / PE-12900
Press Fit 30	PE-13550 / PE-12500 / DR-03500 + PE-13800-PF30	PE-13550 / DR-37400
SRAM Dub	PE-13550	PE-13550 / DR-37400
BB90/95	PE-13550	PE-13550 / PE-12900
OS Fit BB30/Press Fit	PE-13550 / PE-12500 / DR-03500 + PE-13800-PF30	PE-13550 / DR-37400
Press Fit 41	PE-13550 / PE-12500 / DR-03500 + PE-13800-PF30	PE-13550 / DR-37400
GXP	PE-12500	PE-12900

PE-35800 CLAW EXTRACTOR FOR BOSCH MOTOR CASE

- Allows fast and easy removal of Bosch Active Line and Performance Line motor assembly.
- The 3 self-centering claws perfectly distribute the effort around the lockring.
- The large opening diameter (130mm) make the extractor compatible with all lockrings dimensions.
- The three-dimensional machined tip fits square, ISIS® and Powerspline® spindles.



SET OF 2 CRANK TAPS

- to clean out or restore damaged threads in crank arms
- fits tap handle DV-04320 (page 97)
- precision ground
- hardened alloy tool steel

PE-04100-9/16 set of 2 taps 9/16" x 20 tpi (L & R)

PE-04100-1/2 set of 2 taps 1/2" x 20 tpi (L & R)



58 CRANKSET AND PEDALS

PE-04700 CRANK REPAIR KIT

Ideal for repairing damaged threads in cranks and saving high-end cranks.

First, you have to cut new 5/8" x 24 TPI oversized threads in crank arms. Apply some thread lock **NL-77400** (page 112) to the outside of the threaded insert and then thread it into the new threading in the crank. Finally, fit pedal spindle into the insert.

Both taps fit conventional tap handle **DV-04320** (page 97)
To be used with cutting oil **CD-77000** (page 36)

The kit includes :

- 1 set of 2 reaming taps in 5/8"x24 TPI (L&R)
- 5 threaded bushings for right crank arms
- 5 threaded bushings for left crank arms
- delivered in a compartmented plastic box



PE-04703-5 bag of 5 bushings 9/16" x 20 TPI Right thread

PE-04704-5 bag of 5 bushings 9/16" x 20 TPI Left thread



PE-11000 CRANK ARM REPAIR KIT

Designed to repair and remove a crank arm whose pulling threads are damaged.

Thread a pilot into the bottom bracket spindle, slide onto it the small tap and cut new 24 mm x 150 threads. Then thread special 24 mm x 150 extractor to remove the crank arm. Finally, fit one of those special 24 mm dust caps into new threads.

The kit includes :

- 3 tapping pilots (bolt, nut and splined « Pipe Billet » types)
- 1 tap in 24 mm x 150 made from hardened high speed steel
- 1 special crank extractor in 24 mm x 150
- 4 aluminum dust caps
- 4 hex fixing bolts of 8 mm
- 1 M8/M15 crank extractor adaptor for pipe billet spindles **PE-39500**

To be used with cutting oil **CD-77000**



PE-11108 bag of 4 dust caps and 4 hex bolts of 8 mm

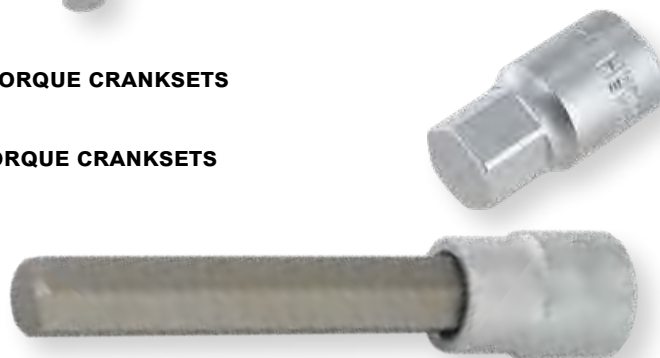


PE-09600-14 14MM L-TYPE HEX WRENCH

- to remove the compression screw on Campagnolo Power Torque cranks
- hardened tool steel
- chamfered tip for perfect fit
- ergonomic and anti-slip dual density handle for great comfort

**PE-10800-14 14MM HEX BIT SOCKET FOR CAMPAGNOLO POWER TORQUE CRANKSETS****PE-10800-10 10MM HEX BIT SOCKET FOR CAMPAGNOLO ULTRA TORQUE CRANKSETS**

- super heavy-duty steel designed for high torque applications
- 3/8" square drive socket
- to be used with torque wrench DV-10500

**PE-12600 POWER TORQUE CARBON AND ALLOY CRANK EXTRACTOR**

- to remove Campagnolo Power Torque cranks pressed onto the spindle
- compatible with alloy and carbon cranks
- specially designed contact surfaces to prevent any damage to the crank
- hardened tool steel parts

**DR-10100 CRANK BEARING EXTRACTOR**

	CAMPAGNOLO ULTRA TORQUE		CAMPAGNOLO POWER TORQUE	
	CRANK ARMS	BEARINGS	CRANK ARMS	BEARINGS
ASSEMBLY	PE-10800-10 + DV-12200		PE-10800-14 + DV-12200	
REMOVAL	PE-10800-10 + DV-11900	DR-10100	PE-10800-14 / PE-09600-14 + DV-11900 & PE-12600	DR-10100

60 CRANKSET AND PEDALS

PE-09600-08 8MM WRENCH FOR SHIMANO AND STANDARD CRANKSETS

- to fit and remove cranks equipped with hex screws
- ergonomic handle for excellent comfort
- hardened chrome vanadium steel
- chrome plated steel



PE-65000 15MM PROFESSIONAL PEDAL WRENCH

- precision cut
- long handle for an excellent leverage
- hardened chrome vanadium steel
- chrome plated



PE-65100 15MM PEDAL WRENCH ADAPTATOR FOR TORQUE WRENCH

- to ensure pedals are installed according to the manufacturers' torque recommendations
- fits any 3/8" drive torque wrench such as DV-12200 (page 99) or DV-10500
- laser cut, hardened and chrome-plated for long life
- 4 mm thickness



PE-62000-C PREMIUM PEDAL WRENCH

- two 15 mm wrench openings oriented at two angles for an easy fit regardless of the pedal position
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30 cm long tool provides tremendous leverage
- high quality hardened alloy steel
- unmatched quality and comfort for a consumer tool
- packaged carded



PE-01000 CRANK EXTRACTOR WITH M8/M14/M15 ROTATING TIP

- to remove 22 mm splined Shimano Octalink and ISIS Drive crank arms as well as square-holed crank arms
- 8 mm hex wrench to remove crank bolts
- CNC machined
- hardened tool quality steel



PE-39300 22 AND 23MM CRANK EXTRACTOR

- to remove any 22 mm crank arm (Shimano, Campagnolo, Sram, TA,...) and 23mm (old type TA)
- CNC machined
- rotating tip is made from hardened alloy tool steel



PE-39500 M8/M15 CRANK EXTRACTOR ADAPTOR FOR BILLET SPINDLES FOR SHIMANO

- to fit Shimano Octalink and ISIS Drive splined, oversized " Pipe Billet " bottom bracket spindles for crank arm removal
- hardened alloy tool steel
- to be used with crank extractor PE-39300



PE-95000 PROFESSIONAL RATCHETING CRANK BOLT WRENCH

- reversible ratcheting wrench for fast and easy use
- 14 and 15 mm sockets
- drop-forged and hardened tool quality steel



PE-60220-C ROLLER FOR SHIMANO HOLLOWTECH II CRANK ARM ADJUSTMENT CAP

- engages the 8 internal splines of the Shimano Hollowtech II crank arm adjustment cap
- nylon reinforced with fiberglass



PE-60600 ADJUSTING CAP SCREWDRIVER

- to remove and fit the adjusting caps on Shimano Hollowtech II cranks
- ergonomic and anti-slip dual density handle for great comfort
- steel investment cast socket for long life



62 CRANKSET AND PEDALS

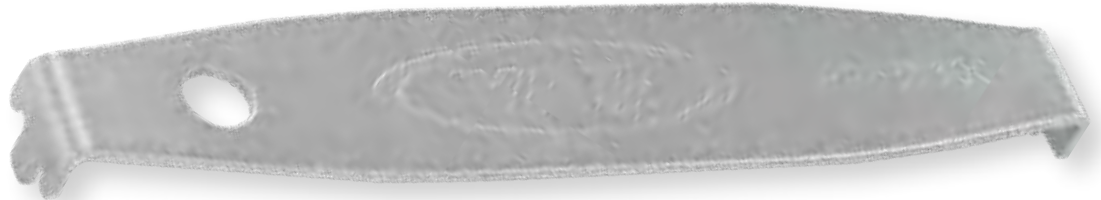
PE-96300 ASSEMBLY TOOL FOR SHIMANO DIRECT-MOUNT LOCKRING

- Assembly tool for Shimano crankset Direct-Mount lockring.
- Precision CNC machined aluminum tool, anodized and laser engraved
- Use crowfoot BP-95100 (page 54) to ensure the lockring is installed according to the manufacturers' torque recommendations



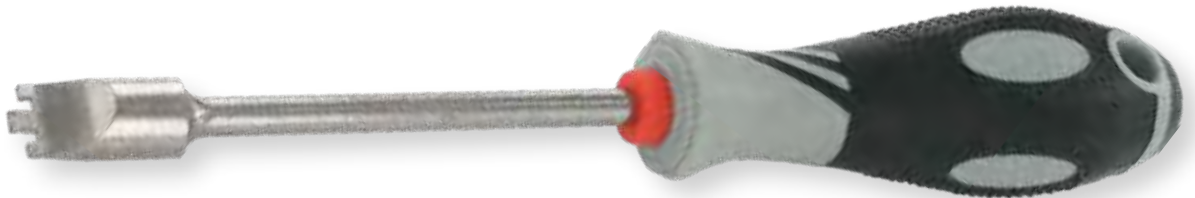
PE-35300 CHAINRING BOLT WRENCH

- double-ended to fit both standard (Shimano, Campagnolo, Truvativ, FSA, TA, Stronglight) and Campagnolo Ultra Torque bolts
- hardened tool quality steel



PE-35400 TOOL FOR CHAINRING BOLTS

- comfortable and ergonomic dual density handle provides excellent grip
- hardened tool quality steel



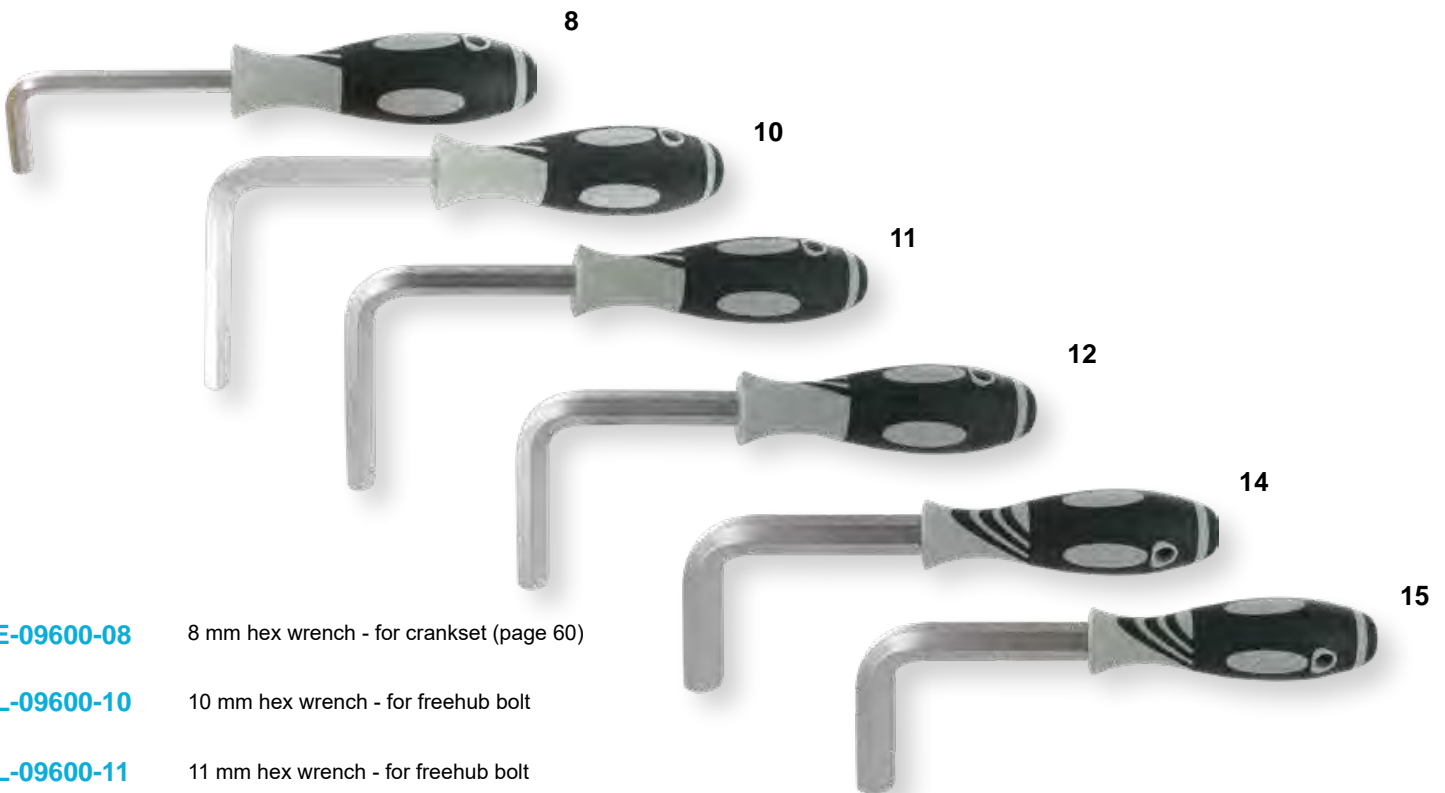
RL-96200-C GEAR AND CHAIN CLEANING BRUSH

- to clean chains, brakes, derailleurs and spaces between the cogs thanks to his curved and toothed end
- brush made of sturdy nylon fiberglass reinforced
- saves wear and tear on chain and cassette
- packaged carded



HEX WRENCH FOR FREEHUB BOLT

- to remove most freewheels and cassette bodies including Shimano **RL-09600-10**
- for Sram, Mavic, Sun Race, Sovos, please use either **RL-09600-11** or **RL-09600-12**
- ergonomic handle for an excellent comfort
- hardened industrial quality chrome vanadium steel
- chrome plated steel



PE-09600-08 8 mm hex wrench - for crankset (page 60)

RL-09600-10 10 mm hex wrench - for freehub bolt

RL-09600-11 11 mm hex wrench - for freehub bolt

RL-09600-12 12 mm hex wrench - for freehub bolt

PE-09600-14 14 mm hex wrench - for compression screw on Campagnolo Power Torque cranks (page 59)

RL-09600-15 15 mm hex wrench - for freehub bolt

64 FREEWHEEL & CASSETTE

RL-62200-C PREMIUM SPROCKET REMOVER

- curved tool head fits the cassette shape and make operations easy
- fits all 5 to 11 speed cassettes and freewheels
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30 cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



RL-62400-C PREMIUM CASSETTE LOCKRING WRENCH FOR SHIMANO HG AND SRAM

- to fit and remove Shimano, Sram, SunRace, SunTour, Chris King and other cassette lockrings
- also fits Shimano disc brake CenterLock lockrings
- guide pin to hold the tool into the hub
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30 cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



RL-62500-C PREMIUM CASSETTE LOCKRING WRENCH FOR CAMPAGNOLO

- to fit and remove all Campagnolo cassettes and Shimano UG cassette
- guide pin to hold the tool into the hub
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30 cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



PROFESSIONAL SPROCKET REMOVER

- to fit and remove a freewheel on a threaded hub and to hold a cassette when removing it
- excellent grip on cogs thanks to its curved head



RL-27000 PROFESSIONAL SPROCKET REMOVER

- compatible with 8, 9, 10, 11 and 12 speed cassettes

RL-27100 PROFESSIONAL SINGLE SPEED SPROCKET REMOVER

- works on 1/8" fixed gear sprockets (fixies and track bicycles)
- also compatible with single speed and BMX

RL-27010 Chain rebuild kit for RL-27100

RL-27110 Chain rebuild kit for RL-27100



RL-40000-979 FREEWHEEL REMOVER WRENCH FOR SHIMANO HG, SRAM, MAVIC

- design with aluminum oval shaped handle
- high precision laser cut and hardened tool steel
- to be used with professional sprocket remover RL-27100
- RL-40000-979 can also be used for fitting and removing Shimano's XTR M965 and Deore XT disc brake lockrings
- wrench can also be used the RL-41400-C, RL-41500, RL-41100, RL-40100 removers



RL-97910 Special cassette remover for RL-40000-979



66 FREEWHEEL & CASSETTE

CASSETTE AND FREEWHEEL REMOVERS

- CNC machined
- hardened alloy tool steel
- the scale 1:1 is not respected, the dimensions and drawings are available on vartools.com



RL-18600

for old type Shimano, Suntour, Atom
and Regina
2 notchs freewheels



RL-18710

for old type 1 speed
2 notchs freewheels



RL-18720

for old type 1, 2 and 3 speeds
2 notchs freewheels



RL-18800

for old type Cyclo and 4, 5 and 6
speeds, Regina
2 notchs freewheels



RL-40100-C

for Atom, Regina, and splined Zeus
freewheels
to be used with freewheel remover
wrench **RL-40000-979** (page 65)



RL-40200

for 4 notchs ACS BMX freewheels
14/15 teeth
compatible with 14mm oversized
axles



RL-40300

for 4 notchs BMX freewheels such as
ACS Fat 16/22 teeth
compatible with 14mm oversized
axles



RL-40500

for splined Maillard Normandy
freewheels



RL-41100

for splined Tiger, Falcon and old type Shimano freewheels
to be used with freewheel remover wrench **RL-40000-979** (page 65)



RL-41300

for old type Suntour and Maillard "course" 2 notch freewheels



RL-41400-C

for Shimano UG, Sachs Aris and Campagnolo freewheels
to be used with freewheel remover wrench **RL-40000-979** (page 65)



RL-41500

for splined Falcon freewheels type FW-L804, FW-L80, FW-L704, FW-L70, FW-L604 and FW-L60
to be used with freewheel remover wrench **RL-40000-979** (page 65)



RL-41600-C

for Shimano UG, Sachs Aris and Campagnolo freewheels
features a guide pin and a 1/2" square drive
to be used with torque wrench **DV-10500** and adaptor **DV-10800**



RL-96400

for Suntour 4 notch freewheels since 1986



RL-97900-C

for Shimano Hyperglide, Sram and Mavic cassette lockrings
Also fits Shimano disc brake lockrings



RL-98000-C

for Shimano Hyperglide, Sram and Mavic cassette lockrings
features a guide pin and a 1/2" square drive to be used with torque wrench **DV-10500** and adaptor **DV-10800**
also fits Shimano® disc brake lockrings



RL-98100

Cassette lock ring tool with 12mm pin specially designed for fitting and removing cassette lockrings from Shimano, Sram, Sunrace and Suntour through-axle hubs.
features a 12mm pin to guide the tool in use.
1/2" square drive to be used with torque wrench **DV-10500** and adaptor **DV-10800** also fits Shimano® disc brake lockrings

68 CHAIN

CH-04800-C PREMIUM CHAIN TOOL

- compatible with 7 to 10-speed road and MTB chains
- also compatible with 11 speed Shimano and Sram XX1 chains
- ergonomically designed, handles with wide finger contact points
- compact tool, very easy to take along with you in a bag
- heavy-duty investment cast tool body
- packaged carded



CH-05802.5 bag of 5 pins for professional chain tools CH-05800, CH-06500 and CH-06600



CH-06500 PROFESSIONAL CHAIN TOOL

- compatible with 7 to 10-speed road and MTB chains
- also compatible with Shimano 11-speed and Sram XX1 chains
- high precision CNC machining
- removable hardened pin
- ergonomic handles and comfortable overmolded body



CH-06600 PROFESSIONAL CHAIN TOOL

- compatible with any chain up to 13-speed
- high precision CNC machined parts
- knurled knob features 4 settings : wide and BMX chains; 7 to 10-speed Shimano, Campagnolo and Sram chains; rivet peening on Campagnolo 11 to 13-speed chains; 11 to 13-speed Shimano, Campagnolo and Sram chains
- compatible with Sram Flattop chains
- fine tuning for a perfect fit
- hardened removable pin
- ergonomic handles and comfortable overmolded body



UPDATED !



CH-04900-C CHAIN WEAR INDICATOR

- a worn chain makes poor shifting and will slip over the cog teeth. Premature wear of chainrings and sprockets may happen
- features two gauges for checking chain stretch
 - a/ +0,075 per link : chain to be replaced quickly in order to avoid sprocket replacement
 - b/ +0,10 per link : chain and sprockets to be replaced at once, chainrings may be worn
- stainless steel
- high precision cut
- packaged carded

**CH-06400 CHAIN PLIER FOR MASTER LINKS**

- quick and easy installation and removal of Master Links such as Powerlink, Powerlock or similar products
- avoid difficult handlings with bare hands on a dirty and slippery chain
- hardened tool quality steel
- ergonomic shape for comfort
- packaged carded

**CH-90700-C CHAIN REST**

- to hold chain tension when rear wheel is removed during repair or transport
- simple, easy to install device for protecting chains and frames
- very handy to carry a bike without rear wheel in the trunk, in a frame bag or on a bike carrier
- fiberglass reinforced nylon
- packaged carded



70 BRAKES & CABLES

FR-01740

BOTTLE OF 200 CABLE END CAPS FOR BRAKE CABLE

- fit on both derailleur and brake cables
- made of aluminium



BOTTLE OF 200 STEEL CABLE HOUSING FERRULES

- for perfectly holding housings into frame housing stops
- ferrules are made of chrome plated steel



Ø4

FR-01750



Ø5

FR-01760



BOTTLE OF 200 PLASTIC CABLE HOUSING FERRULES

- for perfectly holding housings into frame housing stops
- ferrules are made of black plastic



Ø4

FR-01850



Ø5

FR-01860



BOTTLE OF CABLE END CAPS

- fit on both derailleur and brake cables
- made of anodized aluminium



- FR-01941** 200 pcs - black
- FR-01942** 200 pcs - red
- FR-01943** 200 pcs - blue
- FR-01944** 200 pcs - green
- FR-01945** 200 pcs - orange

- FR-02041** 4 pcs - black
- FR-02042** 4 pcs - red
- FR-02043** 4 pcs - blue
- FR-02044** 4 pcs - green
- FR-02045** 4 pcs - orange

BOTTLE OF ALUMINIUM DERAILLEUR CABLE HOUSING FERRULES

- for perfectly holding housings into frame housing stops
- ferrules are made of anodized aluminium alloy
- for 4 mm cable housing



- FR-01951** 100 pcs - black
- FR-01952** 100 pcs - red
- FR-01953** 100 pcs - blue
- FR-01954** 100 pcs - green
- FR-01955** 100 pcs - orange

Ø4

- FR-02051** 4 pcs - black
- FR-02052** 4 pcs - red
- FR-02053** 4 pcs - blue
- FR-02054** 4 pcs - green
- FR-02055** 4 pcs - orange

BOTTLE OF ALUMINIUM BRAKE CABLE HOUSING FERRULES

- for perfectly holding housings into frame housing stops
- ferrules are made of anodized aluminium alloy
- for 5 mm cable housing



- FR-01961** 100 pcs - black
- FR-01962** 100 pcs - red
- FR-01963** 100 pcs - blue
- FR-01964** 100 pcs - green
- FR-01965** 100 pcs - orange

Ø5

- FR-02061** 4 pcs - black
- FR-02062** 4 pcs - red
- FR-02063** 4 pcs - blue
- FR-02064** 4 pcs - green
- FR-02065** 4 pcs - orange

72 BRAKES & CABLES

FRAME PROTECTORS - FOR SHIFT HOUSING (4MM)

VAR frame protectors cover brake or shift housings as well as hydraulic hose to protect a frame's finish from cables rubbing and minimize noise.

- save your paint and particularly wear into carbon frames
- clips over 4 mm or 5 mm housing and stays in place
- durable and flexible silicon construction
- 6 colors are available : black, white, red, blue, green and orange



FR-01971 50 pcs - black

FR-01972 50 pcs - red

FR-01973 50 pcs - blue

FR-01974 50 pcs - green

FR-01975 50 pcs - orange

FR-01976 50 pcs - white

Ø4

FR-02071 4 pcs - black

FR-02072 4 pcs - red

FR-02073 4 pcs - blue

FR-02074 4 pcs - green

FR-02075 4 pcs - orange

FR-02076 4 pcs - white

FRAME PROTECTORS - FOR BRAKE HOUSING (5MM)



FR-01981 50 pcs - black

FR-01982 50 pcs - red

FR-01983 50 pcs - blue

FR-01984 50 pcs - green

FR-01985 50 pcs - orange

FR-01986 50 pcs - white

Ø5

FR-02081 4 pcs - black

FR-02082 4 pcs - red

FR-02083 4 pcs - blue

FR-02084 4 pcs - green

FR-02085 4 pcs - orange

FR-02086 4 pcs - white



FR-07000**PROFESSIONAL CABLE AND HOUSING CUTTER**

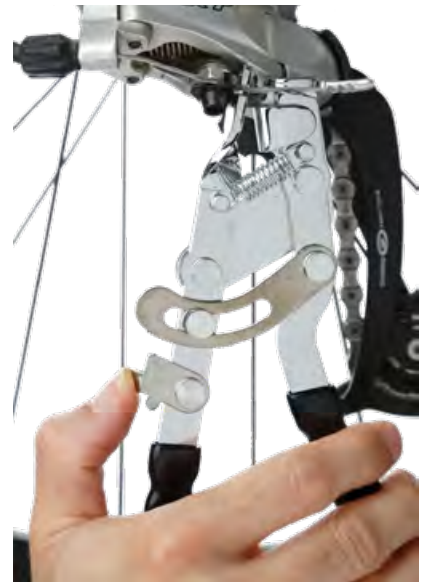
- provides a clean cut of wire without flattening, fanning and splaying
- blades are made from hardened high carbon steel
- ergonomically designed dual density handles for comfortable use

**FR-07900-C****CABLE CUTTER**

- triangular clean cut
- hardened alloy tool steel
- not convenient for cutting spokes
- vinyl coating for excellent comfort
- packaged carded

**FR-23300-C****CABLE STRETCHER**

- pulls cables tight while adjusting brakes or index shifting
- thumb lock system holds the cable tight while your hand is removed to tighten pull-up bolts and nuts
- hardened and chrome plated alloy tool steel
- vinyl coating for excellent comfort
- packaged carded

**BRAKE AND DERAILLEUR WRENCHES**

- 2,5 mm ultra thin wrenches
- hardened tool quality steel
- chrome plated steel
- packaged carded

FR-93600-08/09

9



8

FR-93600-10/11

11



10

74 BRAKES & CABLES

FR-29700

HYDRAULIC HOSE CUTTER

- for a clean, quick and effortless cut of hydraulic brake hoses
- prevent bias cut that gives a poor fitting of inserts and olives
- heavy-duty hardened steel blade
- comfortable vinyl coating
- not suitable for cutting derailleur and brake cables and housings



FR-29800

LEVER FOR HYDRAULIC BRAKE PADS

- to compress hydraulic pistons before brake pad replacement or bleeding
- to be used when brake pads are installed
- specially shaped to prevent major damages to the pads when compressing
- hardened tool quality steel
- ergonomic aluminum oval shaped



FR-29900

DISC BRAKE ROTOR STRAIGHTENER

- to gently straighten mountain bike disc brake rotors
- 2 slots depths: one long for bent brake rotors at rotor arm and one short for those bent at the braking area
- high-precision laser cut
- hardened tool quality steel
- comfortable handle

As bent or damaged disc brake rotors are often due to misaligned disc brake calipers to wheel hubs, we advise you to use tool CD-14500



PROFESSIONAL HYDRAULIC DISC BRAKE BLEEDING KIT

Never mix mineral oil and DOT fluid to save brake seals. We recommend the use of one bleeding kit for mineral oil and another for DOT brake fluid. We strongly recommend the use of gloves such as **NL-78002** (page 109) for any hydraulic brake, fork and rear shock services due to the corrosiveness of mineral oil and DOT fluid.

- to bleed most hydraulic disc brakes
- includes 2 shop quality 30 mL syringes
- much longer life than conventional syringes
- 4, 5 and 6 mm threaded adaptors
- 6 hoses equipped with clamps on each hose to prevent fluid from getting back in unintentionally
- kit compatible with mineral oil and DOT brake fluid
- comes in plastic storage case
- Velcro strap to quickly attach the syringe to the frame

FR-31000 Black syringues, for mineral oil, Specific fittings for Shimano (M5 x 0.8 mm and M7 x 0.75 mm) and Magura. Fittings are screwed onto the syringe, no need for a funnel.

FR-31100 Orange syringes, for DOT brake fluid. Quick fitting for Sram Bleeding Edge®.



FR-30011 replacement seal-O-ring for syringes (50ml) **FR-30000-N** and FH-30000-O

FR-30021 replacement seal-O-ring for syringes (30ml) **FR-30000-N** and FH-30000-O

FR-30014-2 set of 2 hoses and M4 fittings - black

FR-30015-2 set of 2 hoses and M5 fittings - grey

FR-30016-2 set of 2 hoses and M6 fittings - orange

FR-30066 Sram Bleeding Edge® fitting

FR-30099 1m long flexible tube for bleeding kit



NEW !

76 BRAKES & CABLES

FR-35021 MASTER HYDRAULIC BRAKE BLEED KIT

Our brake bleeding kits quickly became the standard of the bike industry thanks to the extreme durability of our professional syringes. Thanks to this new Master bleed kit, you can bleed most hydraulic brakes comfortably while taking part in waste oil recycling.

The kit includes:

- 1 hydraulic hose cutter **FR-29700**
- 1 lever for hydraulic brake pads **FR-29800**
- 1 professional brake bleed kit for mineral oil **FR-31000**
- 1 professional brake bleed kit for DOT **FR-31100**
- 1 box of 100 nitrile gloves **NL-78002**
- 1 waste hydraulic fluid drainer **NL-79300**
- 1 shop apron **AP-94700**
- 1 protective glasses **AP-94500**

We strongly recommend the use of gloves for any hydraulic brake, fork and rear shock services due to the corrosiveness of mineral oil and DOT fluid.

- to bleed most hydraulic disc brakes
- includes two 30 mL shop quality syringes
- much longer life than conventional syringes
- 4, 5 and 6 mm threaded adaptors
- 6 hoses equipped with clamps on each hose to prevent fluid from getting back in unintentionally
- color code for each size of hose with clamp

Never mix mineral oil and DOT fluid to save brake seals. Our Master bleed kit includes one plastic case for DOT fluid (orange syringes) and another for mineral oil (black syringes) to avoid any mistake during bleeding services.

Designed for convenient collection and transportation of waste hydraulic fluids, our waste fluid drainer helps you to take part in recycling and thus environment protection.

- collects waste hydraulic fluids during brake and fork bleeds and degreasing parts
- prevents spilling of oil on work bench or workshop floor
- very handy to take your waste fluids to a recycling center
- perforated shelf allows to drain parts without any risk to loose small parts
- plastic is compatible with DOT, mineral oils, fork oils and degreasers **NL-75300** and **NL-75400**
- compact size for easy use and storage on a work bench or tool cabinet (mobile hydraulic workstation)
- funnel below perforated shelf can be sealed (stopper included) to move oil drainer without any risk
- 8 liter capacity, outer measurements 49 x 30 x 11 cm, stainless steel perforated shelf of 23 x 23 cm



FH-80800

SHOCK PUMP

- ideal option for use with suspension forks and rear shocks
- maximum inflation pressure 300 psi / 21 bar
- air bleed button for fine tuning of pressure
- reliability : made of steel (body) and aluminum (handle)
- long swiveling hose with Schrader valve adapter
- long connector compatible with any brand including RockShox
- packaged carded

Caution : this pump is not suitable for tire inflation.



RP-25100-C

TELESCOPIC MINI-PUMP

- recommended for mountain and city bikes
- compact and lightweight pump to take along in a bag or jersey pocket
- fits Presta and Schrader valves
- reinforced composite barrel
- comfortable non-slip dual density handle
- mounting bracket to securely attach to water bottle bosses
- 120 psi capacity (8 bar)
- packaged carded



RP-25200-C

TELESCOPIC MINI-PUMP

- recommended for mountain and city bikes
- telescopic feature for faster and easier inflation
- high volume of air at every stroke
- fits Presta and Schrader valves
- aluminum barrel, reinforced composite telescopic barrel, aluminum shaft
- comfortable non-slip dual density ergonomic T-handle
- mounting bracket to securely attach to water bottle bosses
- 80 psi capacity (6bar)
- packaged carded



78 WHEELS & PUMPS

RP-80100-C CONSUMER FLOOR PUMP

- economical and durable pump
- steel barrel is strongly fixed into the large composite base
- stable base with large foot pads
- fits Presta, Dunlop and Schrader valves
- large dual density ergonomic handle for optimal comfort
- precision pressure gauge
- 160 psi capacity (11 bar)



10 PCS



RP-80600-C PROFESSIONAL HIGH-PRESSURE FLOOR PUMP

- heavy-duty CNC machined aluminum construction
- large aluminum base gives excellent stability and stiffness
- quick and easy inflation even on road bikes
- extra-long reinforced rubber hose
- fits Presta, Dunlop and Schrader valves
- air bleed valve to easily set precise air pressure in your tire
- ergonomic and anti-slip dual density handle
- large precision pressure gauge (2,5") for optimum readability
- 180 psi capacity (12 bar)



6 PCS



RP-80500-C MAGNUM AIR FORCE FLOOR PUMP FOR TUBELESS TIRES

- top quality high pressure pump
- 2 modes : standard inflation and easier seating of tubeless tires, road and MTB
- built-in reservoir stores a charge of air pressure to release it all at once like a compressor
- fast and easy inflation even for road bikes
- solid metal construction with CNC machined parts
- wide steel base provides great stability and stiffness
- extra-long reinforced rubber hose
- fits Presta, Dunlop and Schrader valves
- ergonomically designed tubular handle
- 2.5" oversized gauge is precise and easy to read
- more than 260 psi / 18 bar capacity



6 PCS



RP-80203 REPLACEMENT DUAL VALVE

- reversible head for Presta and Schrader valves
- compatible with VAR floor pumps RP-80200-C, RP-80300-C, RP-80500-C and RP-80600-C
- CNC machined aluminum, blue anodized high-polish finish



RP-80700 SHOP INFLATING GUN

- features a large 2.5" (6,35cm) LCD display pressure gauge with backlight and a protective gauge boot
- digital display instantly and clearly shows exact reading, eliminating the guesswork of analog gauges
- orange backlight provides ultimate visibility in low light or at night
- measuring range : 0–200 psi, 0– 13,79 bar, +/- 3% accuracy
- measurement units : psi – bar – Kg/cm² – Kpa
- pressure increments : 0.1 psi/0.01Bar/0.01 kg/cm²/1Kpa
- 50cm flexible rubber hose with thumblock head that instantly seals to Presta and Schrader valves
- air bleed button for easy pressure tuning
- non-slip handle for sure grip and great comfort
- automatically shuts off after 180 seconds to save the batteries



RP-80711 ALUMINIUM HEAD FOR INFLATING GUN

- Dual head design to reduce seal wear and increase inflation speed
- compatible with Presta / Dunlop and Schrader valves



RP-45300-C CO2 INFLATOR

- fits threaded CO2 cartridges
- ensures fast, convenient tyre inflation on the move
- fits both Presta and Schrader valves
- thread-on valve head for secure, controlled CO2 delivery
- lightweight (13 g) and compact size
- precision CNC alloy body, black anodized



RP-45010 PRESTA-SCHRADER ADAPTOR

- allows you to convert a Presta valve to a Schrader

RP-45020 PRESTA-SCHRADER ADAPTOR - 10 PIECES



80 WHEELS & PUMPS

RP-42500-C NYLON TYRE LEVER SYSTEM

- specially designed for road narrow tyres
- removable lever works as a second tyre lever
- nylon reinforced with fiberglass not to damage rim and tube
- to be taken along for a ride



RP-42900-C SET OF 3 NYLON TYRE LEVERS

- nylon reinforced with fiberglass for long life
- excellent stiffness, ideal for hard to remove tyres
- ergonomic shape
- features a scuff pad
- slide into each other for easy storage



RP-42900-B

RETAIL COUNTER DISPLAY BOX OF 25 SETS



RP-43000 PROFESSIONAL TYRE LEVER

- designed to remove the toughest tyres (downhill, freestyle, ...)
- long handle (8,26" - 21 cm) gives excellent leverage
- ergonomic and anti-slip dual density handle for great comfort
- forged and hardened tool quality steel



RP-43100-C SET OF 2 NYLON TYRE LEVERS

- nylon reinforced with fiberglass for long life
- wide, flat and very stiff to remove even the toughest tyres including most tubeless tyres
- compact size to take along for a ride in a bag
- features a scuff pad
- slide into each other for easy storage

RP-43100-B

RETAIL COUNTER DISPLAY BOX OF 25 PAIRS



RP-45500 TUBELESS REPAIR KIT

- tyre puncture repair kit
- includes an insertion tool and a blade to cut the excess bit
- sold with 5 tire plugs of 1.5 mm and 10 bits of 3.5 mm
- compact 120 mm x Ø 15 mm kit



RP-45510 refill of 30 tire plugs of 1.5mm wide

RP-45511 refill of 30 tire plugs of 3.5mm wide

RP-44000-C PATCH KIT

Includes :

- 4 patches 24 x 34 mm
- 2 patches 32 x 52 mm
- 1 rubber cement tube
- 1 metal scraper



RP-44000-B 36 KIT COUNTERTOP DISPLAY

36 KIT COUNTERTOP DISPLAY



RP-44100-C GLUELESS PATCH KIT

- for a quick repair without using any rubber cement
- adhesive patch stretches and twists right along with the tube

Includes :

- 6 adhesive patches 30 x 30 mm
- 1 metal scraper



RP-44100-B 36 KIT COUNTERTOP DISPLAY

36 KIT COUNTERTOP DISPLAY



82 WHEELS & PUMPS

RP-42300

VALVE CORE EXTRACTOR FOR PRESTA VALVES AND VALVE EXTENSIONS

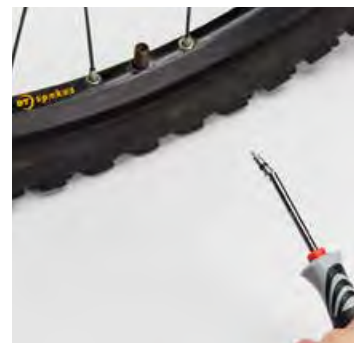
- for fitting and removal of tubeless valve cores
- also suitable for fitting valve extensions on deep aero rims
- 45 mm long shaft made from hardened high torque alloy steel, exceptional durability
- comfortable handle features an ergonomically designed over-molded rubber slip-resistant grip
- doesn't fit Schrader valves



RP-42400

VALVE CORE EXTRACTOR FOR SCHRADER VALVES

- for removal and replacement of valve cores on pneumatic suspension systems as well as inner tubes with Schrader valves
- 40 mm long shaft and 4,45 mm diameter
- heavy-duty steel, exceptional durability
- comfortable and ergonomic dual density handle provides excellent grip
- doesn't fit Presta valves



RP-44300

BOTTLE OF 50 PRESTA VALVE CORES

- avoid valve replacement when the core is damaged, lost or grimy
- when a valve core is grimy by dried tire sealant, it cannot be closed properly which causes air leaking
- compatible with any Presta valve featuring a removable core
- to be used with valve core extractor **RP-42300**



RP-44900

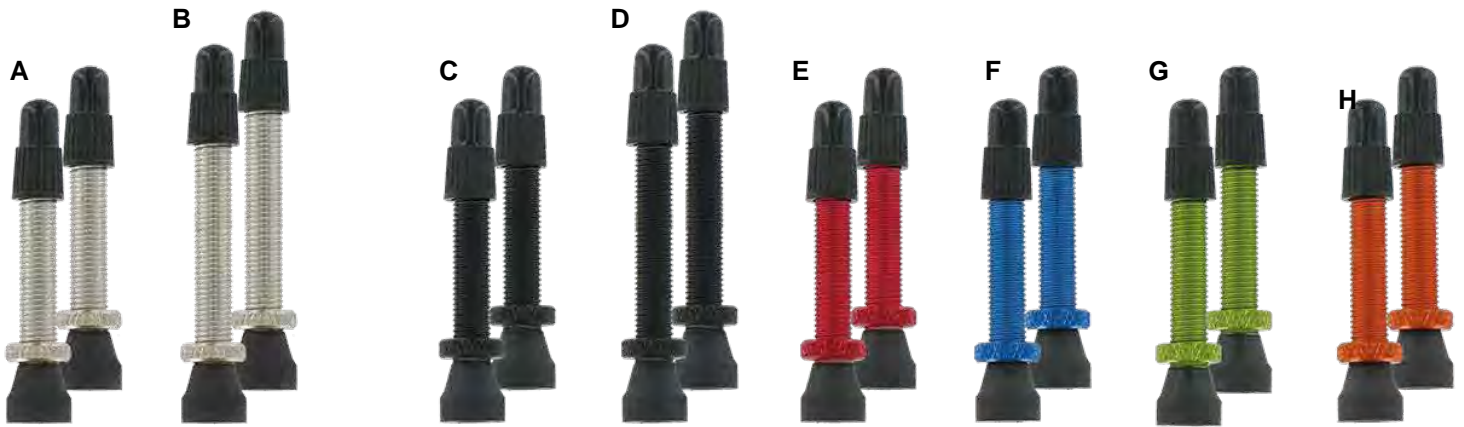
BOTTLE OF 50 SCHRADER VALVE CORES

- to repair a leaky valve without replacing the whole inner tube
- also great for repairing leaky suspension forks and rear shocks, a damaged core can cause a drop in air pressure
- to be used with professional valve core extractor **RP-42400**



SET OF 2 PRESTA VALVES 35 MM

- available in brass (about 8 g per valve) and in anodized aluminium construction (3 g per valve)
- enables tubeless setup on tubeless ready rims such as NoTubes, Ryde, Roval, ...
- to be used with **VAR** tubeless rim tapes **RP-43800** and **RP-43900** (page 85)
- tapered rubber gasket provides perfect airtightness without excessive tightening of the valve (not recommended)
- removable core to easily inject a tyre sealant



A **RP-44400** 2 brass Presta valves - 35 mm

B **RP-44410** 2 brass Presta valves - 44 mm

C **RP-44501** 2 aluminium Presta valves - 35 mm, black

D **RP-44511** 2 aluminium Presta valves - 44 mm, black

E **RP-44502**

2 aluminium Presta valves - 35 mm, red

F **RP-44503**

2 aluminium Presta valves - 35 mm, blue

G **RP-44504**

2 aluminium Presta valves - 35 mm, green

H **RP-44505**

2 aluminium Presta valves - 35 mm, orange

RP-44600

2 ALUMINIUM PRESTA VALVES EXTENDERS - 40MM BLACK

- lightweight CNC alloy valve extenders, black anodised
- for use on deep rims where a standard valve isn't long enough
- feature airtight seal to prevent any air leaking between valve and extender
- to be used with inner tubes with removable valve cores
- to install with composite micro tool included or with professional valve core extractor **RP-42300**



84 WHEELS & PUMPS

TYRE SEALANT

- seals punctures up to 1/4" (6.5 mm) quickly
- makes tubeless ready tyres airtight
- suitable for MTB and road tyres
- resists freezing
- squeeze bottle injects sealant through valve stem by removing core

Amount per tyre :

26" : 60-90 mL / 27.5" : 70-100 mL / 29" : 90-120 mL / 700 x 28 : 30-60 mL

RP-46000

125 mL



24 PCS

RP-46100

500 mL

RP-46200

1 L

RP-46300

5 L

DV-70800

Beaker with dedicated graduations to use tyre sealant
(page 106)



Remove the valve core or one side of the tyre. Shake the bottle. Inject one measure. Install the valve core or the tyre. Inflate the tyre. Hold the wheel horizontally and spin the wheel to spread sealant uniformly. Flip the wheel and repeat. Add some sealant every 3 to 6 months.

TUBELESS RIM TAPES

- self-adhesive rim tapes
- can be used to create an airtight seal to seal spoke holes on tubeless ready rims (NoTubes, Ryde, Roval ...)
- can be used for tube type or tubeless set up with **VAR** valves
- very thin, it makes it easier to mount the tire onto the rim
- extremely resistant to high pressures, one turn around is necessary up to 6 bars
- lightweight : 3 to 7 g per wheel




RP-43800-17

Width 17 mm

For inner rim width between 14 - 18 mm


RP-43800-21

21 mm

18 - 22 mm


RP-43800-25

25 mm

22 - 26 mm

10 M
LONG

RP-43800-29

Width 29 mm

For inner rim width between 26 - 30 mm


RP-43800-37

37 mm

34 - 38 mm


RP-43800-41

41 mm

38 - 42 mm

10 M
LONG

RP-43900-17

Width 17 mm

For inner rim width between 14 - 18 mm


RP-43900-21

21 mm

18 - 22 mm


RP-43900-25

25 mm

22 - 26 mm

33 M
LONG

RP-43900-29

Width 29 mm

For inner rim width between 26 - 30 mm


RP-43900-37

37 mm

34 - 38 mm


RP-43900-41

41 mm

38 - 42 mm

33 M
LONG

86 WHEELS & PUMPS

RP-01200 PROFESSIONAL AXLE AND PEDAL VISE

- to insert into a bench vise for easy hub and pedal adjustments
- to hold 9, 10, 12 mm hub axles and 9/16" pedal spindles without damaging spindle threads
- removable aluminum jaws
- tool body made from hardened spring steel



RP-01202-2 SET OF 2 ALUMINIUM JAWS



RP-01400 AXLE VISE

- to be clamped in a bench vise
- holds the axle while working on the hub, fits front (9 mm) and rear axles (10 mm)
- made from spring steel and aluminum



RP-01402-2 SET OF 2 ALUMINIUM JAWS



RP-05700-C SET OF 2 CONSUMER CONE WRENCHES

- to adjust 13, 14, 15, 16, 17 and 18 mm hub cones
- 2 mm ultra thin heads and precise openings
- hardened alloy tool steel
- durable powder coat finish
- packaged carded



RP-06000-13/24 SET OF 11 PROFESSIONAL CONE WRENCHES

- to adjust hub cones from 13 up to 24 mm
- 2 mm ultra thin heads and precise openings
- hardened alloy tool steel
- vinyl coating for an excellent comfort
- chrome plated

RP-06000-13 13 mm opening

RP-06000-14 14 mm opening

RP-06000-15 15 mm opening

RP-06000-16 16 mm opening

RP-06000-17 17 mm opening

RP-06000-18 18 mm opening

RP-06000-19 19 mm opening

RP-06000-20 20 mm opening

RP-06000-22 22 mm opening

RP-06000-23 23 mm opening

RP-06000-24 24 mm opening



RP-08200 BOTTLE OF 700 - 3/32" BALLS (2.38MM)

RP-08400 BOTTLE OF 400 - 1/8" BALLS (3.17MM)

RP-08300 BOTTLE OF 400 - 5/32" BALLS (3.96MM)

RP-08000 BOTTLE OF 300 - 3/16" BALLS (4.76MM)

RP-08500 BOTTLE OF 200 - 7/32" BALLS (5.55MM)

RP-08100 BOTTLE OF 200 - 1/4" BALLS (6.35MM)

RP-08600 BOTTLE OF 200 - 6.50MM BALLS



88 WHEELS & PUMPS

RP-43400 HUB BEARING EXTRACTOR KIT

- compatible with bearings featuring 10, 12, 15, 17 or 20 mm inner bushings no matter what bearing width
- extractor collets rest on the back side of the bearing inner bushing to extract
- punch is perfectly guided into extractor collet which makes extraction in line easy



RP-43402 10 mm

RP-43403 12 mm

RP-43404 15 mm

RP-43405 17 mm

RP-43408 20 mm



RP-43700

HUB BEARING PRESS

- to accurately align and press bearings into the hub shell or freewheel body with or without hub axle
- compatible with bearing sizes 12x21x5, 12x24x6, 12x28x8, 15x24x5, 15x28x7, 17x26x5, 17x30x7, 20x32x7, 25x37x7
- also fits bearings deeply seated into the hub or freewheel body
- thrust bearing ensures smooth rotation by preventing any friction between tool and bearings to be pressed
- hardened steel parts and machined anodized aluminum bushings
- ergonomic handle and magnetized back plate for easy and comfortable use



90 WHEELS & PUMPS

RP-02400-C SPOKE WRENCH FOR MAVIC WHEELS

- unique three-sided design fits any Mavic wheels equipped with M7, M7oversized nipples and M9 threaded eyelets
- 127 mm length for comfortable use
- hardened tool quality steel for exceptional durability
- packaged carded



RP-02200 BLADE SPOKE HOLDER

- securely holds bladed spokes to prevent twisting during spoke tension process
- fits 0,9 mm bladed spokes including DT Swiss Aerolite, Sapim CX Ray, CN Spoke Aero 424
- long guiding blade for great holding feature
- ergonomically designed over-molded rubber slip-resistant grip for comfort



RP-02500 **TRIPLE SPOKE WRENCH**

- to adjust spoke tension, compatible with 3,2 / 3,3 / 3,5 mm nipples
- hardened tool quality steel
- high precision manufacturing process to prevent damaging nipples when tensioning spokes
- nickel plated



RP-25510 PROFESSIONAL COMBINED SPOKE WRENCH

- 13 and 15 gauges (3,30 and 3,50 mm)
- to adjust spoke tension on nipples
- also great for holding flat spokes while truing a wheel
- hardened alloy tool steel
- nickel plated steel



PROFESSIONAL SPOKE WRENCH

- available in 3 dimensions : 3,2 / 3,3 / 3,5 mm
- heavy-duty design, perfectly balanced with large wings to provide great leverage
- ergonomically designed to provide great comfort
- precision sintered steel
- nickel plated



RP-02701 3.2 mm

RP-02702 3.3 mm

RP-02703 3.5 mm

RP-26800 SPOKE AND NIPPLE GAUGE

- metric and english markings
- to quickly measure ball bearing and nipple sizes and spoke lengths and thickness
- stainless steel
- conversion table in both metric and inch (at the backside of the ruler)
- engraved to 350 mm



RP-26000 SPOKE NIPPLE DRIVER

- quickly threads nipples up to the point where tensioning begins, speeding up the wheel building operation
- piloted steel shaft spins on bearings in a non-slip dual density ergonomic handle
- cannot be used for spoke tensioning



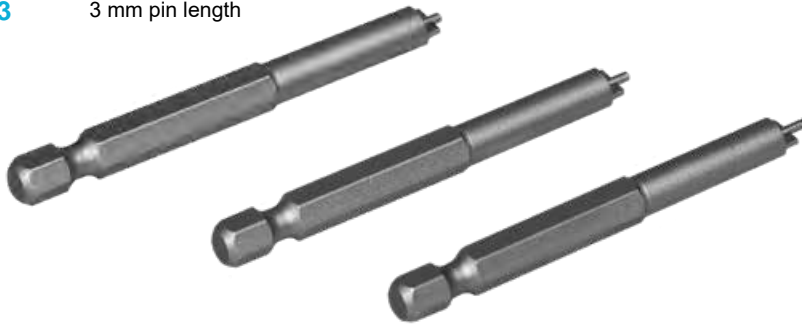
SPEED NIPPLE BIT

- the spokes are quickly fitted to the rim by using a cordless screwdriver (1/4 « bit)
- the pin screws automatically all spokes to the same length
- several pin lengths are available to be usable on a maximum of spoke/rim combination.

RP-26101 1 mm pin length

RP-26102 2 mm pin length

RP-26103 3 mm pin length



HEX SOCKET SPOKE WRENCH

- to adjust deep recessed nipples in deep aero rims such as Mavic, Campagnolo ...
- hardened alloy tool steel

RP-26400-03.2 square, 3.2 mm

RP-26400-05 hex, 5 mm

RP-26400-05.5 hex, 5.5 mm

RP-26400-06 hex, 6 mm



92 WHEEL TRUING STAND

RP-14300 WHEEL ALIGNMENT GAUGE

- to check that the rim is properly centered between the locknuts of the hub
- fits road, mountain or BMX wheels from 14" to 29"
- fits any hub width
- compatible with hub axles of 9, 10, 12x142, 15x100 and 20x110
- wheel size markings on tube allow quick and easy diameter adjustment
- can be used with or without tire on the rim
- chrome plated tube and fiberglass reinforced Nylon sliding feet



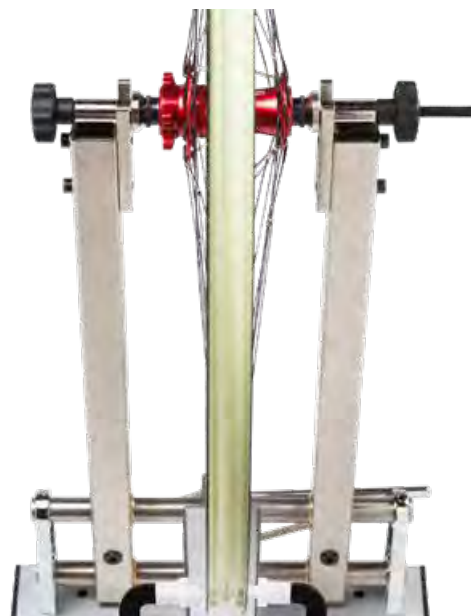
CR-07100 DISC ROTOR TRUING GAUGE FOR WHEEL TRUING STAND

- to accurately check the straightness of a disc brake rotor while the wheel is mounted in professional truing stand **CR-07600**
- compatible with any rotor diameters from 140 to 203 mm
- helps to easily spot bends in rotor
- to be used with disc brake rotor straightener **FR-29900**



CR-07300 THRU-AXLE ADAPTOR FOR WHEEL TRUING STAND

- fits professional wheel truing stands **CR-07600**
- now compatible with 10, 12, 15, 20 and 25 mm through axle hubs for a maximum hub length of 150 mm



CR-07600 WHEEL TRUING STAND

- accommodates wheels from 16" to 29" with or without tyre mounted
- quick wheel installation thanks to its quick-release adjustment lever and brass slide bushings
- both uprights move in line simultaneously always centering hub with calipers, regardless of hub width
- heavy-duty rigid construction features most high precision CNC machined parts
- smoother, more accurate, stiffer, more versatile and faster to use than any other model
- removable Nylon caliper tips not to scratch the rim
- calipers accommodate tire widths up to 2.7"
- can be bench-mounted or vise-held
- can be used with our wheel alignment gauge **RP-14300** for ultimate accuracy



CR-07431-2 set of 2 nylon caliper tips



CR-07650 CALIPER ARM ADJUSTING BARREL

- optional as standard **CR-07600** is delivered without this adjusting system
- will fit new generation of wheel truing stands **CR-07600** delivered from May 2018
- will not fit previous series of **CR-07600**
- enables fine tuning of the caliper arm and to hold your setting



CR-07700 CALIPER ARM ADJUSTING BARREL

- specially designed to fit our **CR-07600** professional wheel truing stand
- allows for adjustment of the wheel truing stand 25° degrees forward and 15° backward for comfortable use at any bench height
- features 4 handy slots to fit spoke wrenches and 4 compartments to store spoke nipples and other small parts
- can be mounted to your workbench for greater stability



CR-07699 PROFESSIONAL WHEEL TRUING STAND WITH ACCESSORIES

- Includes :
- 1 wheel truing stand **CR-07600**
 - 1 caliper arm adjusting barrel **CR-07650**
 - 1 wheel truing stand tilting base **CR-07700**
 - 1 thru-axle adaptor for wheel truing stand **CR-07300**



94 HEX WRENCHES

Y WRENCHES

- handle features an ergonomically designed over-molded
- rubber slip-resistant grip for optimum comfort
- hex keys made from high torque alloy steel of higher quality than Cr-Mo or Cr-V
- easy identification of key size
- chamfered tips for easier insertion into screw heads
- packaged carded

CL-09001-C 4, 5 & 6 mm Premium hex wrench set

CL-09002-C 4, 5 & 6 mm Premium hex wrench set with ball-ends

CL-09003-C T10, T25 & T30 Premium Torx® compatible wrench set



CI-17800 PROFESSIONAL HEX WRENCH SET

- features a ball-end for hard-to-reach bolts and a straight end for high torque applications
- features 1.5, 2, 2.5, 3, 4, 5, 6, 8, and 10 mm sizes
- chamfered tips for easy insertion into screw heads
- made from hardened industrial quality steel
- chrome-plated for long life



SET OF 7 P-HANDLED WRENCHES

- shop quality wrenches
- magnetic tips for keeping track of hex screws
- non-slip ergonomic dual density grip for great comfort
- specially designed for a well-balanced weight to help you spin the wrench quickly
- hardened superior quality steel

CL-18000-02/08 Set of 7 P-handled hex wrenches
2 / 2.5 / 3 / 4 / 5 / 6 / 8 mm

CL-18100-02/08 Set of 7 P-handled hex wrenches with ball-ends
2 / 2.5 / 3 / 4 / 5 / 6 / 8 mm

CL-18200-07/40 Set of 7 P-handled Torx® compatible wrenches
T7 / T10 / T15 / T20 / T25 / T30 / T40



CL-18100-10 10MM HEX WRENCH WITH BALL-END



PRECISION SCREWDRIVERS

Hex and Torx® bit screwdrivers to make indexing adjustment easy.
Ideal for hard-to-reach places.

CL-18302 2 mm hex screwdriver

CL-18325 2.5 mm hex screwdriver

CL-18303 3 mm hex screwdriver

CL-18304 4 mm hex screwdriver

CL-18410 T10 Torx® compatible screwdriver

CL-18425 T25 Torx® compatible screwdriver



96 MULTI-TOOLS

MF-21000-C MICRO MULTI-TOOL 8 FUNCTIONS

- 5 hex wrenches 2 / 3 / 4 / 5 / 6 mm
- flat blade and n°1 Phillips screwdrivers
- T25 Torx® compatible wrench
- compact size (7 mm thickness and 55 mm length) and lightweight (58 g)
- forged wrenches made from hardened chrome vanadium steel, nickel plated
- packaged carded



MF-21100-C MULTI-TOOL 8 FUNCTIONS

- 5 hex wrenches 2 / 3 / 4 / 5 / 6 mm
- flat blade and n°1 Phillips screwdrivers
- T25 Torx® compatible wrench
- compact size (7 mm thickness and 71 mm length) and lightweight (80 g)
- forged wrenches made from hardened chrome vanadium steel, nickel plated
- packaged carded



MF-21200-C MULTI-TOOL 16 FUNCTIONS

- compact size (10 mm thickness and 71 mm length) and lightweight (115 g)
- forged wrenches made from hardened chrome vanadium steel, nickel plated
- 5 hex wrenches 2 / 3 / 4 / 5 / 6 mm
- 8 mm socket
- flat blade and n°2 Phillips screwdrivers
- T25 Torx® compatible wrench
- 3,2 / 3,3 / 3,5 / 4 mm and Mavic M7 spoke wrenches
- bottle opener
- chain tool
- packaged carded



PROFESSIONAL BENCH VISE

- heavy duty construction for intensive professional use
- special guiding spindle ensures durability, stiffness and precision (no looseness)
- both jaws are fully replaceable, accurately machined and hardened
- large swivel base and vise mass provide excellent stability
- 90° rotation swivel base with 2 locking nuts
- long steel slide bar for maximum leverage
- large anvil work surface (hardened)



DV-09000-100 100 mm jaw width

DV-09000-125 125 mm jaw width

SET OF 2 NYLON JAWS FOR BENCH VISE

- made from nylon reinforced with fiberglass
- properly positioned on bench vise by magnetic strip on each jaw

DV-09100-100 for bench vise with 100 mm jaws

DV-09100-125 for bench vise with 125 mm jaws

DV-09100-150 for bench vise with 150 mm jaws



SET OF 2 ALUMINIUM JAWS FOR BENCH VISE

DV-09400-100 for bench vise with 100 mm jaws

DV-09400-125 for bench vise with 125 mm jaws

DV-09400-150 for bench vise with 150 mm jaws



TAP HANDLES

DV-04320 3 - 9 mm	CD-04100
	CD-04112
	CD-04115
	PE-04100
	PE-04700

DV-04340 5 - 16 mm	CD-04510
	CD-04520
	CD-04115
	CD-04120



98 MISCELLANEOUS

DV-10000 CONSUMER TORQUE WRENCH

- essential to apply recommended torque specifications provided by component makers specially carbon components
- click-mechanism to indicate when torque setting is reached
- 3-14 Nm range
- equipped with a ratcheting 1/4" drive
- includes a set of hex bits (3 / 4 / 5 / 6 / 8 mm) and Torx® compatible bits (T25 / T30)
- calibrated to be accurate to +/- 4%
- 22 cm (8,66") length
- protective case included



DV-70700 PRESET TORQUE WRENCH 4, 5 AND 6 Nm

- allows to quickly tighten the stem, saddle and caliper bolts to the torque
 - 3 removable adapters: 4, 5, 6 Nm
 - handle with inner storage
 - compact and lightweight tool
 - storage case
 - end bits provided:
- Hex bits : 3, 4, 5, 6 mm
Torx ® compatible : T10, T25
Hex socket bit : 7 mm



DV-10700 SOCKET AND BIT SET - SQUARE OF 3/8"

- 7 hex bits of 2 / 3 / 4 / 5 / 6 / 8 / 10 mm
- 3 Torx ® compatible bits T7, T25 / T30
- 5 hex sockets of 8 / 9 / 10 / 14 / 15 mm
- 1 drive adaptor 3/8"(F) x 1/2" (M)
- hardened chrome vanadium steel
- fits both torque wrenches DV-10400 and DV-10500



DV-11900 42 PROFESSIONAL RATCHET WRENCH SET

- includes a 25cm long shop quality ratchet wrench and a collection of the most popular sockets, hex keys, Torx bits, screwdriver bit sockets and more
- hardened and chrome plated chrome vanadium steel
- housed in a protective carrying case

Set includes:

- 1 pc 3/8" drive professional ratchet wrench (25 cm long)
- 19 hex sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 & 24 mm
- 3 slotted screwdriver bit sockets : 4, 5.5, 7 mm
- 2 Phillips bit sockets : Ph#1, Ph#2,
- 8 hex bit sockets : 2, 2.5, 3, 4, 5, 6, 8, 10 mm
- 7 Torx compatible bit sockets : T7, T10, T15, T20, T25, T27, T30
- 1 pc 15 cm extension bar
- 1 pc 3/8" to 1/2" drive socket adapter



DIGITAL TORQUE WRENCHES

- to accurately apply the selected target torque to components and accessories
- high performance even under intensive use : accurate from +/-1% (clockwise) to +/-2% (counterclockwise)
- audible/LED light alarm when pre-set target torque is approaching
- supplied with an ISO 6789 calibration certificate
- measuring mode : peak or track (real-time torque)
- unit of measurement : Nm, in.lb, ft.lb, kg.cm
- comfortable dual density grip
- numbered and supplied in a storage case
- 1 AAA battery not included
- auto power-off



DV-12100

- torque range : from 1 to 20 Nm
- resolution : 0,01 Nm
- compact and lightweight wrench : 20 cm / 174 g
- 1/4" female square drive
- delivered with an adaptor, 2 / 3 / 4 / 5 / 6 mm hex bits, T7 / T10 / T25 / T30 Torx® compatible bits

DV-12200

- torque range : from 4,2 to 85 Nm
- resolution : 0,1 Nm
- compact and lightweight wrench : 29 cm / 390 g
- 3/8" male square drive
- delivered with an adaptor, 2 / 3 / 4 / 5 / 6 / 8 mm hex bits, T7 / T10 / T25 / T30 Torx® compatible bits

PROFESSIONAL TORQUE WRENCHES

- to comply with torque specifications given by component and accessory manufacturers
- a click can be heard when the requested torque is reached
- equipped with a 3/8" drive
- equipped with a torque locking nut
- delivered in a plastic case
- to be used with hex socket and hex bit kit DV-10700
- auto power-off

DV-10400

torque wrench ranges from 4 to 20 Nm (no bit included)

DV-10500

torque wrench ranges from 20 to 100 Nm (no bit included)



DV-10600

PROFESSIONAL TORQUE SCREWDRIVER

- Essential tool for applying the recommended torque to the components in order to guarantee assembly safety.
- torque range from 1 to 6 Nm.
- 1/4" quick bit holder.
- 1/4" square drive at the handle base.
- Ergonomic handle.
- Laser engraved torque scale.
- Tips not provided.



100 MISCELLANEOUS

7" CIRCLIPS PLIERS

- long tips to prevent snap ring ejection
- ergonomic, comfortable and anti-slip handles
- nickel plated and laser marked

DV-56000 circlip pliers, external straight nose

DV-56100 circlip pliers, external bent nose

DV-56200 circlip pliers, internal straight nose

DV-56300 circlip pliers, internal bent nose



DV-55700 RETRACTABLE UTILITY KNIFE

- professional quality construction features a steel body overmolded by an ergonomic dual density handle for great comfort and a sure grip
- features 5 extra sharp blades of 18 mm (4 replacement blades in a secure blade dispenser) and a screw lock system



DV-55300 TAPE MEASURE

- durable dual density case provides a comfortable non-slip grip
- metric reading up to 3 m (118,11 inch)
- blade auto stop provides simple, effortless operation
- features a side hanging hook



DV-11600 ELECTRONIC DIGITAL CALIPER

- measuring range from 0 to 6" (from 0 to 150 mm)
- resolution of 0.0005 inch / 0.01 mm
- choice between inch and mm
- external, internal and depth measurements
- tightening screw of the sliding gauge, large LCD display for an easy reading, zero setting
- on/off switch and automatic power off, warning of battery wear
- hardened stainless steel, metal case
- battery not included
- delivered in a protective case

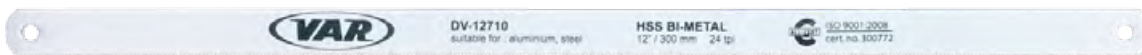


DV-12800 PROFESSIONAL HACKSAW FOR 300MM BLADE

- heavy-duty steel frame
- comfortable elastomer handles
- blade easily removable and easy tension adjustment
- 2 blade positions : standard and 45°
- delivered with a bi-metal blade, 10 teeth per cm
- after tube cutting, don't forget to use our tube deburrer **FH-93200 (page 45)** for quick and clean I.D. reaming and O.D. beveling



DV-12710 set of 2 HSS replacement blades 10 teeth



DV-12810 special blade for cutting carbon fiber components, HSS 12 teeth

DV-20200 PROFESSIONAL TUBE CUTTER FOR STEEL AND ALUMINUM

- for clean and straight cuts on handlebars, headset tubes, seatposts from 3 to 42 mm
- delivered with a replacement cutting wheel (inside knob)
- removable rotating deburrer
- after tube cutting, don't forget to use our tube deburrer **FH-93200 (page 45)** for quick and clean I.D. reaming and O.D. beveling



DV-20001 replacement cutting wheel DV-20000 and DV-20200



102 MISCELLANEOUS

DV-57500

PICK HOOK SET

- set of 4 multi-purpose picks very convenient for many workshop uses
- ideal for pulling and marking in confined spaces
- includes full hook, angle hook, 90° angle hook and straight pick
- chromed alloy steel bars for corrosion resistance and long life
- slip-resistant bi-material handle for a comfortable grip



DV-57200

HALF-ROUND FILE

- features one flat and one rounded side
- dual density handle for comfort and grip
- high carbon steel blade for durability
- 250 mm long blade



DV-55900

NEEDLE NOSE PLIERS

- thin tips enable to fit parts in hard-to-reach areas
- features crimping and grasping areas plus one cutting blade
- hardened tool steel for excellent durability
- comfortable ergonomic handles
- dual density grips



DV-56500

TWIN SLIP JOINT MULTIGRIP PLIERS

- inter-slotted jaws for increased stiffness
- 7 settings
- 240 mm length, maximum opening of 32 mm
- anti-slip grips
- hardened chrome-vanadium steel



DV-70600

SMALL SIDE CUTTING PLIERS

- compact pliers for cutting wire and hard-to-reach zip ties.
- avoids scratching the bike



DV-57300

SCISSORS

- professional quality scissors with solid, stainless steel blades and comfort dual density grips
- convenient for many workshop uses such as cutting bar tapes, rim tapes, handle grips and zip-ties



DV-57400

SIDE CUTTING PLIERS

- features very hard cutting edges designed to cleanly cut all types of wire
- long lever arm and dual density grips for great comfort
- made from forged, hardened, chromoly steel for high durability



DV-56400

UNIVERSAL PLIERS

- hardened high carbon steel for excellent durability
- chrome plated
- ergonomic and comfortable handles



104 MISCELLANEOUS

DV-55400 ADJUSTABLE WRENCH

- forged alloy tool steel
- 12" wrench for a powerful leverage
- maximum opening up to 35 mm
- jaw-opening measuring scale for easy reading



DV-55500 SET OF 19 COMBINATION WRENCHES

- box/open end wrenches from 6 to 24 mm
- hardened chrome vanadium steel
- chrome plated for long life

Each wrench can be sold separately.

DV-55500-06	6 mm
DV-55500-07	7 mm
DV-55500-08	8 mm
DV-55500-09	9 mm
DV-55500-10	10 mm
DV-55500-11	11 mm
DV-55500-12	12 mm
DV-55500-13	13 mm
DV-55500-14	14 mm
DV-55500-15	15 mm
DV-55500-16	16 mm
DV-55500-17	17 mm
DV-55500-18	18 mm
DV-55500-19	19 mm
DV-55500-20	20 mm
DV-55500-21	21 mm
DV-55500-22	22 mm
DV-55500-23	23 mm
DV-55500-24	24 mm



NEW !

NEW !

NEW !

NEW !

NEW !

DV-57100 SET OF 5 RACHET COMBINATION WRENCHES

- 8 / 9 / 10 / 13 / 15 mm wrenches
- hardened chrome vanadium steel
- polished and chrome plated finish

DV-57100-08	8 mm
DV-57100-09	9 mm
DV-57100-10	10 mm
DV-57100-13	13 mm
DV-57100-15	15 mm



NEW !

DV-57000 SET OF 6 ANGLED OPEN SOCKET WRENCHES

- includes 13 / 14 / 15 / 17 / 18 / 19 mm wrenches
- hardened chrome vanadium steel
- chrome plated for durability

DV-57000-13 13 mm

DV-57000-14 14 mm

DV-57000-15 15 mm

DV-57000-17 17 mm

DV-57000-18 18 mm

DV-57000-19 19 mm



DV-71000 SET OF 6 PROFESSIONAL SCREWDRIVERS

- 3 flat blades of 3,2 / 4 / 6 mm and 3 Phillips blades n°0, n°1 and n°2
- higher quality blades than standard chrome vanadium or chrome molybdenum blades
- magnetized tip makes work easier on hard-to-reach screws
- ergonomic and anti-slip dual density grip provides maximum tip torque and great user comfort
- identification symbol moulded on top of grip makes tip identification easy

DV-71101 3,2 x 100 mm flat blade

DV-71102 4 x 100 mm flat blade

DV-71103 6 x 100 mm flat blade

DV-71201 n°0 x 100 mm Phillips blade

DV-71202 n°1 x 100 mm Phillips blade

DV-71203 n°2 x 100 mm Phillips blade

DV-71204 Professional screwdriver n°2 x 100 mm JIS Phillips blade



DV-56800 PROFESSIONAL DOUBLE-FACE HAMMER

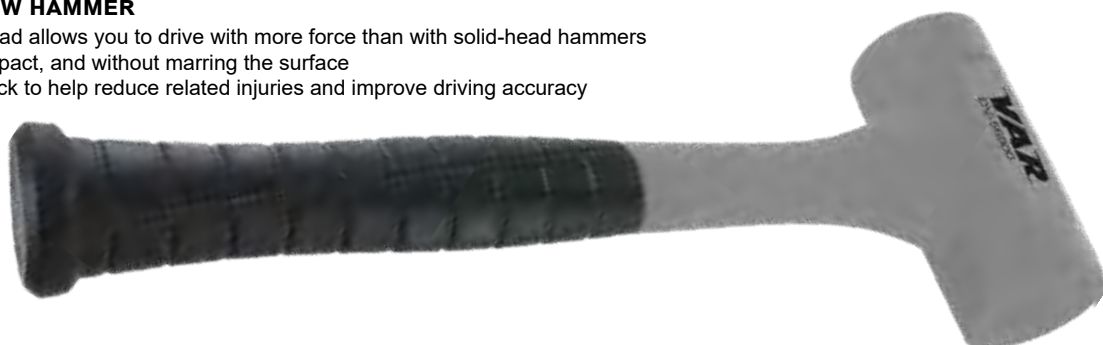
- one steel face for heavy strikings, one removable soft plastic face for use on sensitive parts
- one-piece forged and hardened steel head for maximum durability
- chamfered edges to avoid chipping on parts
- long fiberglass shaft with shock-absorbing rubber hand grip for maximum comfort



DV-56801 spare soft plastic tip

DV-56900 DEAD-BLOW HAMMER

- steel shot-filled rubber-coated head allows you to drive with more force than with solid-head hammers without feeling as much of the impact, and without marring the surface
- the design also curbs bounce-back to help reduce related injuries and improve driving accuracy



106 MISCELLANEOUS

DV-17300

SWIVEL HEAD HAND RIVETER

- handy for instant setting of bottle cage
- 360° swivel head to be used in any angle
- easy to operate and fit attachments such as rivets, nuts and anchors
- delivered with draw bars for M3, M4, M5 and M6
- delivered in a plastic box with a bag of 50 nuts M5

DV-17305-50

bag of 50 nuts in M5



DV-55200

MAGNETIC PARTS BOWL - ABS MATERIAL Ø150 MM

- Ideal for keeping small components within reach (screws, links, bearings...).
- Large bevelled opening (150mm) for better visibility and excellent grip of the contents.
- Rubber-coated magnet for attachment to vertical metal surfaces (cabinet, tool panels, workshop stands, workshop trolleys...).
- Magnet pull force up to 2kg.
- ABS material for durability and parts protection.



DV-55100

RECTANGULAR MAGNETIC PARTS TRAY

- Ideal for gathering screws, bearings, components, or tools.
- Polished stainless steel resting on three circular magnets covered with rubber.
- High-power magnets capable of retaining small steel pieces.



DV-55600

MAGNETIC PARTS BOWL

- polished stainless steel with rubber covered magnetic base (6"/15 cm in diameter)
- strong magnet keeps track of small parts such as balls, chain links, bolts, nuts, washers...



DV-70800

BEAKER WITH TYRE SEALANT GRADUATION

- capacity of 500 mL
- specific graduation to dose the quantity of tyre sealant required according to the size of the tyre
- translucent polypropylene container
- classic graduation



DV-71600 AUTO-RANGING DIGITAL MULTIMETER

- essential when testing battery load and searching for breakdown on e-bikes
- quick and easy to use
- compatible with AC/DC power supply
- voltage (0~500V), current (0~10A), resistance (0~40MΩ), temperature (0~250°C)
- continuity measurement allows to easily check that an electrical wire is not broken
- compact and sturdy overmolded case
- CE conformity
- battery not included (9V)



DV-71700 PORTABLE DIGITAL SCALE

- compact scale to accurately weigh bikes, frames, and components
- can be hung from a hook or installed into the clamp of a repair stand using its lanyard
- +/- 10 g scale accuracy
- maximum capacity of 40kg (88.2 pounds) and displays kilograms to 10 grams
- includes a vinyl-coated hanging hook
- easily switch between metric and English weights (grams, ounces, kilograms, pounds)
- tare function to exclude weight of hanging hook
- easy to read display with its large size digits and stark contrast LCD blue backlight
- auto shut off to preserve battery life
- runs on 2 Alkaline AAA batteries (not included)
- complies with CE / ROHS regulations
- product size : 8,5 x 5 x 1,6 cm / 3,2 x 2 x 0,7 inch,
- weight : 82 g / 2,93 oz.



DV-71800 TABLETOP DIGITAL SCALE

- highly accurate (1 g / 0,01 oz) and convenient for weighing small parts and components
- maximum capacity of 5 kg (11 lb) and displays kilograms to 1 gram
- easily switch between metric and English weights (kilograms, grams, ounces, pounds)
- stainless steel platform design for easy cleaning
- tare function to exclude weight of container
- easy to read display with its large size digits and stark contrast LCD blue backlight
- auto shut off to preserve battery life
- runs on 2 Alkaline AAA batteries (not included)
- complies with CE / ROHS regulations



108 PROTECTIVE EQUIPMENT

AP-94500 PROTECTIVE GLASSES

- to protect your eyes from dust and chemical splashes
- mandatory for hydraulic disc brake bleeding
- durable yet lightweight frame with integrated side protection
- adjustable temple lengths provide a comfortable fit
- fog and scratch resistant
- CE compliant



MECHANICS GLOVES

- polyurethane coating provides excellent grip and protection against cuts and scratches whilst preserving dexterity
- ultra-lightweight and flexible features make precision repairs easy
- touch-screen compatible
- machine washable at low temperature (30°C)
- reusable and latex-free



AP-94300



AP-94301



AP-94302



AP-94303



AP-94304



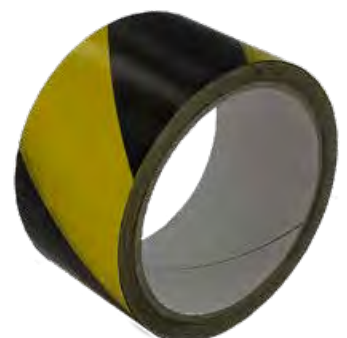
AP-94700 WORKSHOP APRON

- high quality cotton canvas
- cross-back fastening system that removes pressure from the neck
- ideal protection for your clothes
- 2 different lengths and many pockets



AP-84500 ADHESIVE TAPE 33M X 50MM

- to warn the people of hazardous areas (low ceiling, steep stairway, broken window) and enforce social distancing in shops
- yellow and black



NL-77800 SHOP HAND CLEANER

- highly efficient to remove greases, lubricants, paintings and grime
- won't dry out the skin, leaves skin super soft
- 5 liter pump dispenser
- high density of natural microfiber balls



NL-76900 80 HAND CLEANING WIPES

- remove lubricants, heavy greases, dirt, tar, soils, grime, adhesives, graphite, wax ...
- can also be used for cleaning tools, workshop equipment, bike components, ...
- tested under dermatological control
- perfect when soap and water are not readily available
- efficient and convenient hand cleaning
- 80 wipes of 30 x 20 cm
- made in France



NL-78800 SET OF 2 BIODEGRADABLE PAPER ROLLS

- great for cleaning hands, components and tools
- this product is Eco-friendly !
- biodegradable paper
- composition : 100% recycled fibers
- 700 sheets per roll (1400 per set)
- roll diameter : 24 cm
- roll width : 20 cm
- paper roll fits VAR trash can cabinet MO-52603 (page 15)
- high resistance to ripping, aerosols and chemical products (greases, lubricants, degreasers, cleaners, hydraulic fluids, ...)
- made in France



Box of 100 NITRILE GLOVES

- to protect hands from grime and potentially harmful chemicals
- made from nitrile (latex free) to avoid allergies
- thin gloves to give good finger dexterity
- tough enough to resist snags

NL-78001



NL-78002



NL-78003



110 CARE PRODUCTS

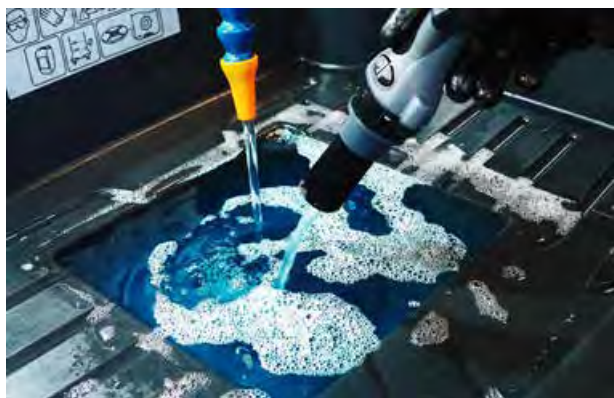
NL-74000 CLEANING SOLUTION FOR PARTS WASHERS - 20L

- water-based, pH neutral, non-hazardous and non-flammable solution for parts washer
- MO-52300** (15 L) and **MO-52310** (40 L)
- is formulated to remove greases, oils, waxes, tar, grime and mud and to offer superior cleaning power
- can be used on any material (steel, aluminium, plastic, rubber, ...) and contains rust inhibitor
- keeps mechanics and the environment safe from hazardous chemicals



NL-74100 4 TABLETS FOR PROFESSIONAL PARTS WASHER MO-52310

- to be used with cleaning solution **NL-74000** only in the professional parts washer **MO-52310**
- especially selected concentrated micro-organisms which continuously break down hydrocarbons in the cleaning solution
- add one tablet every 4 to 6 weeks depending on the frequency of use



NL-79300 WASTE HYDRAULIC FLUID DRAINER

- collects waste hydraulic fluids during brake and fork bleeds and degreasing parts
- prevents spillage of oil on work bench or workshop floor
- very handy to take your waste fluids to a recycling center
- perforated shelf allows to drain parts without any risk to lose small parts
- plastic can compatible with DOT, mineral oils, fork oils and **VAR** degreasers **NL-75300** and **NL-75400**
- compact size for easy use and storage on a work bench or tool cabinet (mobile hydraulic workstation)
- funnel below perforated shelf can be sealed (stopper included) to move oil drainer without any risk
- 8 liter capacity, outer measurements 49 x 30 x 11 cm, stainless steel perforated shelf of 23 x 23 cm



NL-79121 CLEANING BRUSH SET (6 PIECES)

- cleaning a bike is essential to get better performance
- the kit contains 4 brushes, a sponge, a microfiber cleaning and a handy mesh bag for easy drying, storage and transportation
- each of them is designed for a specific cleaning purpose: a double-ended gear cleaning brush, a tyre cleaning brush, a frame cleaning brush and a wheel brush
- comfortable dual density handles



NL-79221 CLEANING BRUSH SET (3 PIECES)

- the kit contains 3 brushes and a handy mesh bag for easy drying, storage and transportation
- each of them is designed for a specific cleaning purpose: a tyre cleaning brush, a frame cleaning brush and a wheel brush
- comfortable dual density handles



NL-79400 PREMIUM MICROFIBER CLEANING AND POLISHING CLOTH

- to use after bike washing to remove water drops, spots and smears and also to polish bicycle frames and components
- high absorbency : absorbs six times its weight in water and dries in half the time of standard towels
- anti-static, lint-free, streak-free and its super-soft microfibers won't scratch all plastic and painted surfaces
- made up of very small fibers that trap dirt deep in the pile of the cloth
- can be machine washed and reused hundreds of times
- can be used to clean with or without chemicals (cleaning foam, polish, ...)
- one cloth must be dedicated to each special operation specially when chemicals are used
- size 40 x 30 cm



NL-79000 CHAIN CLEANER

- enables to clean your chain quickly and easily
- keeping your drivetrain clean is essential for both transmission efficiency and component lifespan
- works with all chain types from 5 up to 11 speeds
- rotating central brushes get rid of grime built-up in the middle of the chain
- rotating side brushes turn twice faster than the others for optimum efficiency
- ergonomic handle features a reliable and sturdy locking clip
- to be used with degreaser **NL-75300**



NL-77200 CYANOCRYLATE GLUE

- to bond threadless bottom bracket cups (Press-Fit, PF30, GXP, Campa OS Fit or similar) or sealed bearings in BB30 shell, hubs and suspension pivots
- also great to repair small holes in tubeless tyres without removing tyre or repair partly chunked tyre knobs, ...
- fast acting cyanoacrylate glue works on virtually all materials (ABS, aluminum, steel, rubber, ceramic, wood, leather, ...)
- always make sure surfaces are free of dust, grease, oil, moisture, ...
- excellent resistance to shear and tensile stress
- to keep it fresh longer, simply store in a cool and dry environment such as a box in the fridge
- 20 mL bottle



112 CARE PRODUCTS

NL-77500 THREAD LOCKER - MEDIUM STRENGTH

- disassembly can still be made with conventional tools
- prevents accidental loosening of fasteners in case of shocks and vibrations
- highly recommended for safety parts
- 50 mL squeeze bottle
- equipped with a dropper
- colour : blue

NL-77400 THREAD LOCKER - HIGH STRENGTH

- for parts that don't require regular disassembly
- to be used for threaded inserts such as **PE-04703-5** and **PE-04704-5** (page 58), loose fitting bearing cups and pressed-in bottom bracket bearings
- 60 mL squeeze bottle
- equipped with a dropper
- colour : red

NEW !



AEROSOLS

With environmental approach, **VAR** offers you its new range of aerosols made in France. The propellant gas is now natural and non-flammable. Contrary to popular belief, CO2 is the ideal gas for an aerosol and its GWP (Global Warming Potential) is 300,000 times less than Butane! It also allows to have more active product in a 300mL bottle than in a 400mL bottle with flammable gas.

NL-75000 BRAKE CLEANER

- degreases and deeply cleans rotors or aluminum rims
- enhances braking efficiency
- quickly dries up
- 300 mL aerosol



12 pcs



NL-75400 BIODEGRADABLE DEGREASER

- 100% plant origin formulation
- fully biodegradable, VOC free, non-toxic
- for use on the grimeiest chains and drivetrain parts
- dissolves oil and grease without any risk to sensitive parts
- protects from corrosion
- 5 liter steel can



NL-75300 DEGREASER

- dissolves lubricants and greases from the grimeiest chains and drive train parts
- won't damage any plastic or rubber parts
- complete degreasing of drive train is necessary before the first use of lubricants
- **NL-73000, NL-73200, NL-73400** to fully take advantage of its efficiency
- 300 mL aerosol



12 pcs



NL-79500 SILICONE SHINE

- apply to a clean and dry surface after a bike wash
- non-stick silicone formula prevents mud and grime build up
- protects paints, varnishes, metal, plastic, rubber and carbon fiber parts
- leaves a protective, water-repellent silicone coating and gives a sparkling shine even on tarnished frames by micro scratches
- buff the treated surface using microfibre cloth **NL-79400**
- cuts down on future cleaning
- 300 mL aerosol

Caution : never apply our silicon shine to your brakes, rotors, disc brake pads, brake shoes, rims and tyres.



12 PCS



NL-75200 CLEANING FOAM FOR FRAMES AND FORKS

- cleans and degreases frames and forks without water
- more economical use (doesn't run)
- leaves a protective shiny film
- makes future cleaning easy
- no need for rinsing
- 400 mL aerosol (with flammable gas)



12 PCS



CD-77000 CUTTING OIL

- strongly recommended for any cutting, tapping, facing and reaming operations on frame and fork
- extends tool life and makes frame prep operations better
- not dangerous for skin
- comply with European regulation
- 300 mL aerosol



12 PCS



NL-75900 ISOPROPYL ALCOHOL

- effective cleaner for all structures and plastic casings.
- it enables to clean bike components and tools.
- it is therefore particularly suitable for fork maintenance.
- it removes dirt and it evaporates completely leaving no residue.
- 300 mL aerosol



12 PCS



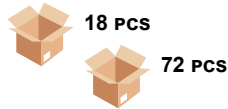
114 CARE PRODUCTS

SILICONE GREASE

- dielectric silicone grease
- suitable for E-bike battery terminals
- waterproof, protects against corrosion
- insulating to avoid thermal bridges
- make cable motion smoother into the duct

NL-76300 450 mL box

NL-78900 100 mL tube

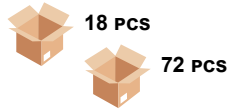


PTFE GREASE

- to grease headset, bottom brackets, hubs, seat stays, elastomers in forks, stems, handlebars
- synthetic grease with micronized P.T.F.E. particles (Teflon)
- water repellent
- excellent friction coefficient that increases ball-bearing lifetime
- contains anti-rust additives
- white colour eases contamination analysis and potential ball-bearing wear and tear

NL-76400 450 mL box

NL-78400 100 mL tube

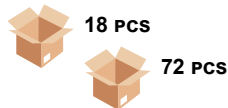


LITHIUM GREASE

- makes headset, bottom bracket, pedal and hub bearings work smoothly
- viscosity formulated to reduce friction inside bearings
- waterproof for enhanced anti-corrosion protection of components
- reduces risks of water and grime intrusion
- suitable for freewheel mechanism, noise reduction property
- excellent lubrication and protection of suspension frame pivot points
- won't damage seals and plastic parts

NL-76500 450 mL box

NL-78500 100 mL tube

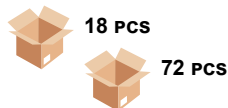


ANTI-SEIZE COPPER GREASE

- solves problems of cracking, corrosion, rust, cold-welding on threaded parts aluminum and titanium components
- to be used for any assembly of parts of different metals against titanium
- to be used with parts exposed to moisture and extreme conditions

NL-76600 450 mL box

NL-78600 100 mL tube



NL-75700 TYRE MOUNTING PASTE

- to make tubeless tyre fitting and removal easy
- its adhesive properties allow the tyre to stick to the rim
- won't get tyres dirty
- contains rust inhibitor
- to apply on tyre only
- 1kg



NL-78300 CARBON AND ALLOY ASSEMBLY COMPOUND

- designed to increase friction and reduce slippage between carbon fiber or alloy components (seat posts, handlebars and stems)
- avoid the risk to over tighten components
- caution : all similar compounds contain fine particles of silica. This silica may cause cosmetic blemishing
- **NL-78300** is NOT a grease. So never use it on threaded parts or for bearing lubrication.



72 PCS



NL-78700 GREASE GUN

- all metal construction ensures long life and reliability
- long nozzle enables to lubricate hard-to-reach components
- enables to control the output of grease
- ergonomic shape for comfortable grip
- compatible with any tube featuring M15 thread



HIGH PERFORMANCE LUBE

- ensures chain lubrication in all weather conditions
- reduces friction and noisy shifts
- ensures smooth and quiet gear changes
- contains rust inhibitor

NL-73000 100 mL

NL-73100 1L



80 PCS



15 PCS



WAX LUBE

- ensures ultimate chain lubrication in all weather conditions and terrain
- repels mud and dust and keeps the chain clean
- leaves a long-lasting thin protective film
- ensures smooth and quiet gear changes and long life of your components
- contains rust inhibitor
- contains extreme pressure additive
- 100% biodegradable

NL-73200 100 mL

NL-73300 1L



80 PCS



15 PCS



E-BIKE LUBE

- ensures chain lubrication on E-bikes in all weather conditions
- specially made for E-bike chains to be more durable under high torque loads
- ensures smooth and quiet gear changes and long life of your components
- contains rust inhibitor
- contains extreme pressure additive
- reduces friction and noisy shifts

NL-73400 100 mL

NL-73500 1L



80 PCS



15 PCS



116 CONSUMABLES

CO-72100 ZIP TIES

- bag of 100 black zip ties
- 200 x 2.5 mm

CO-72200 BLACK ADHESIVE TAPE

- set of 3 rolls - 15 mm x 20 m
- made for sticking handlebar tape

CO-72600 HOSE CLIP - 10 PCS

CO-72601 HOSE CLIP - 50 PCS

CO-72300 O-RING SEAL KIT

- complete kit of O-ring seals for Shimano, Sram Avid, Magura, Formula, Hayes, Tektro hydraulic brakes
- supplied with 20 o-rings seals of each
- blue seals for mineral oil compatibility
- black seals for DOT oil compatibility

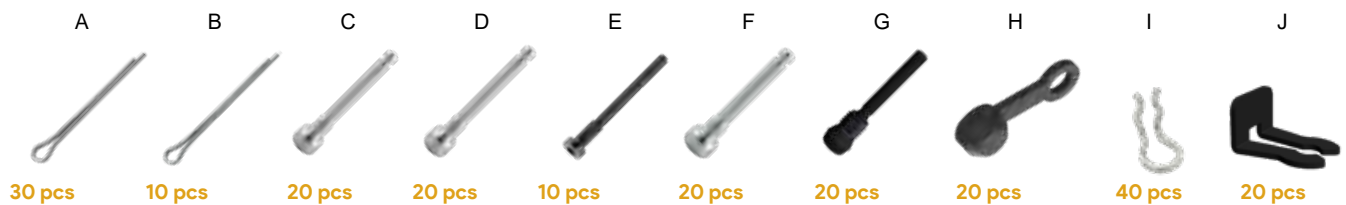


- | | | |
|---|-----------------|---|
| A | CO-72301 | Banjo seal - Shimano - blue - 10 pcs |
| B | CO-72302 | Cap seal - Shimano - blue - 10 pcs |
| C | CO-72303 | Banjo seal - Magura MT 2 / 4 / 6 / 8 - blue - 10 pcs |
| D | CO-72304 | Cap seal - Magura MT 4 - blue - 10 pcs |
| E | CO-72305 | Banjo seal - Sram Guide, Elixir 5, Hydror for flatmount - black - 10 pcs |
| F | CO-72306 | Banjo seal - Sram Elixir 9 / 7 / XO trail / XX World Cup, Hydror for postmount - black - 10 pcs |
| G | CO-72307 | Banjo bolt seal - Sram Elixir 9 / 7 / XO trail / XX World Cup, Hydror for postmount, Formula R1, the One, Mega - black - 10 pcs |
| H | CO-72308 | Cap seal - Sram Elixir 5, Formula the One - black - 10 pcs |
| I | CO-72309 | Banjo bolt seal - Formula RX - black - 10 pcs |
| J | CO-72310 | Banjo seal - Hayes Prime, HFX-9, HFX-MAG - black - 10 pcs |

- | | | |
|---|-----------------|--|
| A | CO-72311 | Banjo seal - Shimano - blue - 50 pcs |
| B | CO-72312 | Cap seal - Shimano - blue - 50 pcs |
| E | CO-72315 | Banjo seal - Sram Guide, Elixir 5, Hydror for flatmount - black - 50 pcs |
| F | CO-72316 | Banjo seal - Sram Elixir 9 / 7 / XO trail / XX World Cup, Hydror for postmount - black - 50 pcs |
| G | CO-72317 | Banjo bolt seal - Elixir 9 / 7 / XO trail / XX World Cup, Hydror for postmount, Formula R1, the One, Mega - black - 50 pcs |

CO-72400 DISC BRAKE PIN KIT

- complete kit for fitting Shimano, Sram Avid, Magura, Formula, Hayes, Tektro brake pads
- contains pins, screws and caps



- | | | |
|---|-----------------|--|
| A | CO-72401 | 35mm Pin - Shimano Deore, Sram Elixir 1 / 3 - 10 pcs |
| B | CO-72402 | 50mm Pin - Hayes Stroker Ryde, Hope - 10 pcs |
| C | CO-72403 | M4 x 22 Bolt- Sram Elixir 5 / 7 / 9, Guide, Code , trail - 10 pcs |
| D | CO-72404 | M4 x 27 Bolt - Shimano XT, XTR, Magura MT 2 / 4 / 6 / 8 , Tektro, Formula Oro - 10 pcs |
| E | CO-72405 | M4 x 36 Bolt - Hayes Ryde, Dyno - 10 pcs |
| F | CO-72406 | M5 x 25 Bolt - Formula Mega, Hope E4, V4, X2, V2 - 10 pcs |
| G | CO-72407 | M4 x 25 Bolt - Sram Red, Force, Rival - 10 pcs |
| H | CO-72410 | Shimano Bleed nipple rubber cap - 10 pcs |
| I | CO-72411 | Clip for M4 & M5 bolt - 10 pcs |
| J | CO-72412 | Clip for Sram bolt CO-72407 - 10 pcs |
| H | CO-72420 | Shimano Bleed nipple rubber cap - 50 pcs |
| A | CO-72421 | 35mm Pin - Shimano Deore, Sram Elixir 1 / 3 - 50 pcs |
| D | CO-72422 | M4 x 27 Bolt - Shimano XT, XTR, Magura MT 2 / 4 / 6 / 8 , Tektro, Formula Oro - 50 pcs |
| G | CO-72423 | M4 x 25 Bolt - Sram Red, Force, Rival - 50 pcs |

118 CONSUMABLES

CO-72500 BOX OF SPARE HYDRAULIC FITTINGS

- complete kit of fittings for servicing Shimano, Sram Avid, Magura, Formula, Hayes, Tektro hydraulic brakes
- contains inserts, olives and compression nuts connected to the brake lever



- | | | |
|---|--------------------------|--|
| A | CO-72501 | Olive for Shimano - 10 pcs |
| B | CO-72502 | Olive for Sram Avid - 10 pcs |
| C | CO-72503 | Olive for Magura - 10 pcs |
| D | CO-72504 | Olive for Formula - 10 pcs |
| E | CO-72505 | Olive for Hayes - 10 pcs |
| F | CO-72506 | Olive for Tektro - 10 pcs |
| R | CO-72510 | Insert for Shimano BH90 - 10 pcs |
| G | CO-72511 | Insert for Shimano BH59 - 10 pcs |
| H | CO-72512 | Insert for Sram Avid - 10 pcs |
| I | CO-72513 | Insert for Magura - 10 pcs |
| J | CO-72514 | Insert for Formula - 10 pcs |
| K | CO-72515 | Insert for Hayes - 10 pcs |
| L | CO-72516 | Insert for Tektro - 10 pcs |
| M | CO-72521 | Compression nut for Shimano - 10 pcs |
| N | CO-72522 | Compression nut for Sram Avid , Formula, Magura - 10 pcs |
| O | CO-72523 | Compression nut for Magura MT - 10 pcs |
| P | CO-72524 | Compression nut for Formula R / R1 / Mega - 10 pcs |
| Q | CO-72525 | Compression nut for Hayes, Tektro - 10 pcs |

- | | | |
|---|--------------------------|--|
| A | CO-72531 | Olive for Shimano - 50 pcs |
| B | CO-72532 | Olive for Sram Avid - 50 pcs |
| R | CO-72540 | Insert for Shimano BH90 - 50 pcs |
| G | CO-72541 | Insert for Shimano BH59 - 50 pcs |
| H | CO-72542 | Insert for Sram Avid - 50 pcs |
| M | CO-72551 | Compression nut for Shimano - 50 pcs |
| N | CO-72552 | Compression nut for Sram Avid , Formula, Magura - 50 pcs |



SC-67001 BOTTLE OF 100 DISC BRAKE BOLTS

SC-67002 BAG OF 6 DISC BRAKE BOLTS

- M5x12, Torx® T25
- super high quality steel (class 12.9) for optimal safety
- coated with medium strength thread locker



SC-67101 BOTTLE OF 50 SOCKET HEAD BOLTS

- M5x16
- high quality steel (class 10.9) suitable for brake calipers and sensitive components such as stems, handlebars...



SC-67201 BOTTLE OF 50 SOCKET HEAD BOLTS

- M6x20
- high quality steel (class 10.9) suitable for brake calipers and sensitive components such as stems, handlebars...



SC-67301 BOTTLE OF 100 DISC BRAKE BOLTS

SC-67302 BAG OF 6 DISC BRAKE BOLTS

- steel, silver finish (chrome)



120 BOTTLE CAGES

COMPOSITE BOTTLE CAGES

- lightweight and flexible material to hold any type of bottles securely
- excellent value for money
- carded



100 PCS



CA-15101

Black bottle cage



CA-15102

White bottle cage



CA-15111

Matt black bottle cage
easy to wipe off and clean

CA-15001

ALUMINIUM BOTTLE CAGE

- made from an oversized durable yet lightweight aluminum tubing
- securely holds any type of bottles while providing easy access to the bottle
- carded with one set of 2 hex bolts



100 PCS



600 mL WATER BOTTLES

- BPA-free bottle (bisphenol A)
- bottle made of soft translucent material (LD Polyethylene)
- cap made of Polypropylene
- won't break when falling down
- push pull cap

- A **CA-15401**
- B **CA-15402**
- C **CA-15411**
- D **CA-15412**

- 600 mL translucent water bottle - black and red
- 600 mL translucent water bottle - black and blue
- 600 mL white water bottle - black and red
- 600 mL white water bottle - black and blue



60 pcs



CA-15701 TOOL BOX

- fits into a traditional bottle cage
- convenient for storing tools, tubes, patch kits, Co2 inflators, etc.
- protects your equipment from poor conditions (rain, mud, sand, dust,...)
- durable HDPE thermoplastic material



122 DISC BRAKE PADS

After a long development process and rigorous test rides, we are proud to introduce our brand new line of high performance disc brake pads. We have developed our line of brake pads in cooperation with the industry's finest technical partners. Our comprehensive line currently includes 47 disc brake pads to equip more than 320 different brake systems.

All brake pads must be bedded-in progressively (about 30 brakings) to benefit from their optimum efficiency.

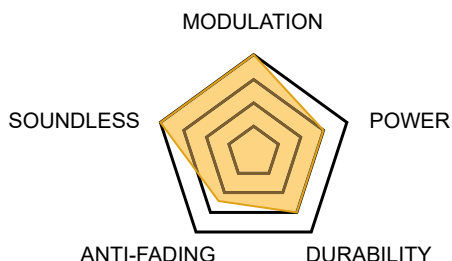
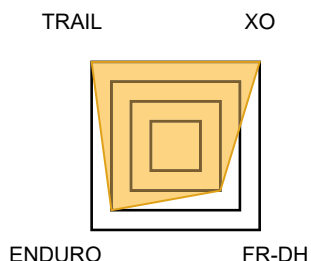
During running in, we recommend to brake several times smoothly and to let your brakes cool down after each braking. Increase progressively braking power and braking duration to prevent brake overheating. Once bedding-in has been achieved, pads can sustain the most powerful brakings.

NB : Extreme conditions of use (high speed, sand, mud, ...) and some entry level rotors increase wear and tear of pads.



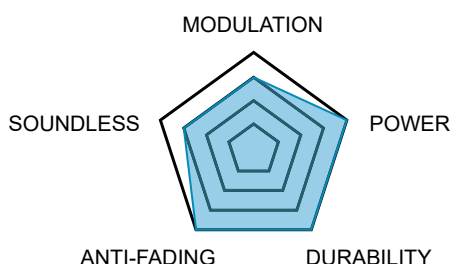
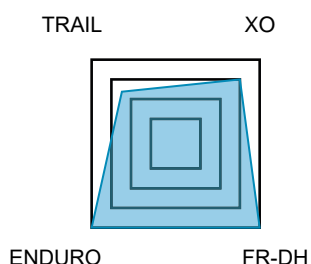
ORGANIC CERAMIC

Our high performance ORGANIC CERAMIC pads contain ceramic particles for consistent efficiency from one braking to another. The pads benefit from a very good bite but remain progressive and easy to control despite high braking power. Long lifespan and rotor friendly. Suitable for all conditions. These pads are designed for cycling enthusiasts and competitors.



SINTERED METAL

Our high performance SINTERED METAL pads contain fine metallic particles for ultimate braking performance. These pads have a very good bite when you start braking while maintaining a powerful braking. Our pads enable to easily control braking power even in case of a powerful braking. Long lifespan in any condition. These pads are designed for competitors (from cross-country to downhill).





ORGANIC 25
PA-59001-B pairs

ORGANIC 25
PA-59021-B pairs

ORGANIC 25
PA-59002-B pairs

ORGANIC 25
PA-59022-B pairs

ORGANIC 25
PA-59015-B pairs

ORGANIC 25
PA-59030-B pairs

ORGANIC 25
PA-59018-B pairs

ORGANIC 25
PA-59060-B pairs

NEW !



PA-59001
ORGANIC



PA-59002
ORGANIC



PA-64002
SINTERED



PA-59003
ORGANIC



PA-64003
SINTERED



PA-59004
ORGANIC



PA-64004
SINTERED



PA-59005
ORGANIC



PA-64005
SINTERED



PA-59006
ORGANIC



PA-59015
ORGANIC



PA-64015
SINTERED



PA-59063
ORGANIC



PA-59064
ORGANIC



PA-59065
ORGANIC



PA-59066
ORGANIC



PA-64066
SINTERED



PA-59067
ORGANIC



PA-59075
ORGANIC



PA-59076
ORGANIC



PA-59077
ORGANIC



PA-64078
SINTERED



PA-59090
ORGANIC

BRANDS	BOXES 25 PAIRS	ORGANIC CERAMIC	SINTERED METAL	BRAKES
AVID SRAM	PA-59015-B	PA-59015	PA-64015	Elixir series, XX, XO
		PA-59016	PA-64016	Juicy Ultimate/ 5 / 7 / Carbon / BB7 / 975
		PA-59017		BB3/BB7 mechanical
		PA-59018		RED/Force1/CX1/Force/Rival 1/Rival 22/S-700/Level Ultimate/TIm/Ti/T/ Level
		PA-59019		CODE R
		PA-59020		CODE 4-piston
	PA-59021-B	PA-59021	PA-64021	XO trail/Elixir 7/Elixir 9/Trail 4-piston/Guide Ultimate/RSC/RS/R/RE
		PA-59022		DB1/DB3/DB5 hydraulic
BENGAL	PA-59001-B	PA-59001		Helix 7B/Ares Pro/5
		PA-59048		Ares/MB Series/Strida/Helix 1~7.5 (not including Helix 4X/7B/Ares pro/5)
			PA-64005	Helix 4X
BFO		PA-59061		Brake Force One/Tune
CLARKS	PA-59001-B	PA-59001		S2
	PA-59002-B	PA-59002	PA-64002	M1/M2/M3
		PA-59003	PA-64003	HDB-540/HDB-600/HDB-790
		PA-59016		CMD-15
		PA-59065		Skeletal
FORMULA	PA-59030-B	PA-59030	PA-64030	Mega/The One/R1 Racing/R1/RX/RR1/RO/T1/T1 Racing/C1/Cura/CR3
		PA-59031	PA-64031	Oro
		PA-59032		4 Racing XC/FR/DH/BR team/Pro/SL
FSA	PA-59002-B	PA-59002	PA-64002	K-Force/Afterburner

126 DISC BRAKE PADS

BRANDS	BOXES 25 PAIRS	ORGANIC CERAMIC	SINTERED METAL	BRAKES
GIANT	PA-59001-B	PA-59001		MPH Root
Grimeca		PA-59004	PA-64004	System 8 / System 16
		PA-59032		System 13
HAYES		PA-59045		Ryde/Dyno
		PA-59046		Stroker/Stroker Gram
		PA-59047		HFX MAG/ HFX 9/ MX1 hydraulic
		PA-59048		MX-2/MX-3/MX-4/MX-5/Sole/CX pro, Comp, Expert/5QDH-4/5/SP
		PA-59049		El Camino/EL trail hydraulic
		PA-59050		Prime/Prime Comp
HOPE		PA-59004	PA-64004	Mono M4/Tech M4
		PA-59075		Tech V2/Mini X2
		PA-59076		V4
		PA-59077		Mono Mini
			PA-64078	Tech 3 E4/Stealth Race E4
MAGURA	PA-59060-B	PA-59060	PA-64060	MTS/MT2/MT4/MT4e/MT6/MT8/MT8 Carbon/MT Trail carbon rear
		PA-59061		Louise 2007-2010
		PA-59062		Julie/Louise 2007
		PA-59063		Louise 2000-2001/Clara 2000
		PA-59064		Clara 2001-2002/Louise 2002-2003/Louise FR
		PA-59065		Marta/Marta SL/Marta Gold
		PA-59066	PA-64066	MT5/MT5e
		PA-59067		MT7 / MT7 HC / MT7 pro / MT Trail SL / M1893 (4 pcs/set)
PROMAX		PA-59016		DSK-950/E-Capsule
		PA-59017		DSK-710/DSK-310/DSK-913 Decipher/Render
		PA-59064		DSK-903
RST	PA-59001-B	PA-59001		D-power
SHIMANO	PA-59001-B	PA-59001		M575/M525/M515/M495/M486/M475/M465/M447/M446/M445/M416/ M415/M355/M375/M395/T675/T615/C501/C601/TX805/M4050M3050/ R517/R317
	PA-59002-B	PA-59002	PA-64002	M9000/M9020/M985/M987/M8000/M785/M7000/M675/M666/M615/ R785/RS785 R517/R515/R317/R315/S700/CX77/CX75/Alfine
	PA-59002-B	PA-59002		M975/M975P/M966/M965/M800/M776/M775/M765/M755/M596/M595/ M585/M545M535/T665/T605/T601/RR505/S501/S500
		PA-59004	PA-64003	XT M755
		PA-59005		XTR M9120/XT M8020/Saint M810/820/ZEE M640
		PA-59006	PA-64004	R9170/R8070/R7000/RS805/R505/R405F/R405R/RS305R/RS305F
TEKTRO	PA-59001-B	PA-59001	PA-64005	Orion SL HD-M740,M730,M725/Gemini SL HD-M520,M521/ Gemini HD-M500, M501,M510/Draco2 HD-M352/HDC330/ Auriga HD- M290,291/HD-T530,T525,T520 E530,E525,E520,E500/Aquila MD-M500,M300,M280,C400/Volans HD-T710/Vela HD-T290/Dorado HD-E715
		PA-59090		Iox/MD-M311/Lyra/Novela
TRICKSTUFF		PA-59004	PA-64004	Cleg Dh/Cleg 4/Cleg 4 MK II
	PA-59060-B	PA-59060	PA-64060	Cleg 2
TRP	PA-59001-B	PA-59001		Parabox R/Hylex/HY/RD/Spyre/Spyre SLC/Spyke/Dash Sport
		PA-59003	PA-64003	Dash carbon
			PA-64005	Quadiem/Quadiem SI/Slate T4

A removable gear hanger is a small part which can be found between your rear mech and your frame. In case of an accident, it's designed as a weak point to bend or even break off if necessary to protect your frame.

We have selected the 150 most popular gear hangers to help mechanics to quickly replace damaged gear hangers.

- for minimising damage to your bike frame and rear derailleur in the event of an accident
- lightweight and easy to fit
- designed to fit a wide range of bikes - please see compatibility list below
- all our gear hangers are made to the equivalent quality as the original parts (OEM quality i.e. cold forged aluminum alloy 6061)
- sold with a pair of bolts
- blister carded

For further information about gear hanger compatibility, please visit our web site at : www.Vartools.com/en/derailleur-hangers.php and browse our compatibility chart of gear hangers. Scale 1:1 drawings are available on the website.



DH-69045

**150
GEAR
HANGERS**

FIND ALL DERAILLEUR HANGERS AND THEIR 1:1 SCALE PLANS ON THE WEBSITE VARTOOLS.COM.



DH-69009

BMC, Decathlon, Cube, Focus, Giant, Lapierre, Bianchi, Ghost



DH-69013

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DH-69063

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and guides kit
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DV-10600

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FH-92500

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Crow foot 32 mm
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Professionnal wall mount clamp
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Tool holder
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PR-88100



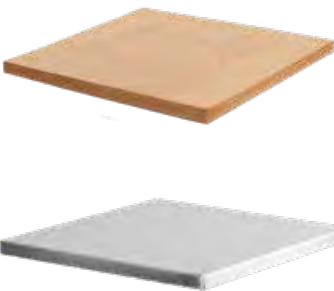
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