

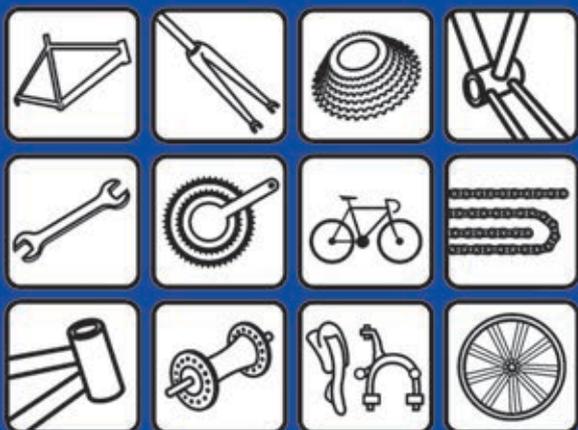
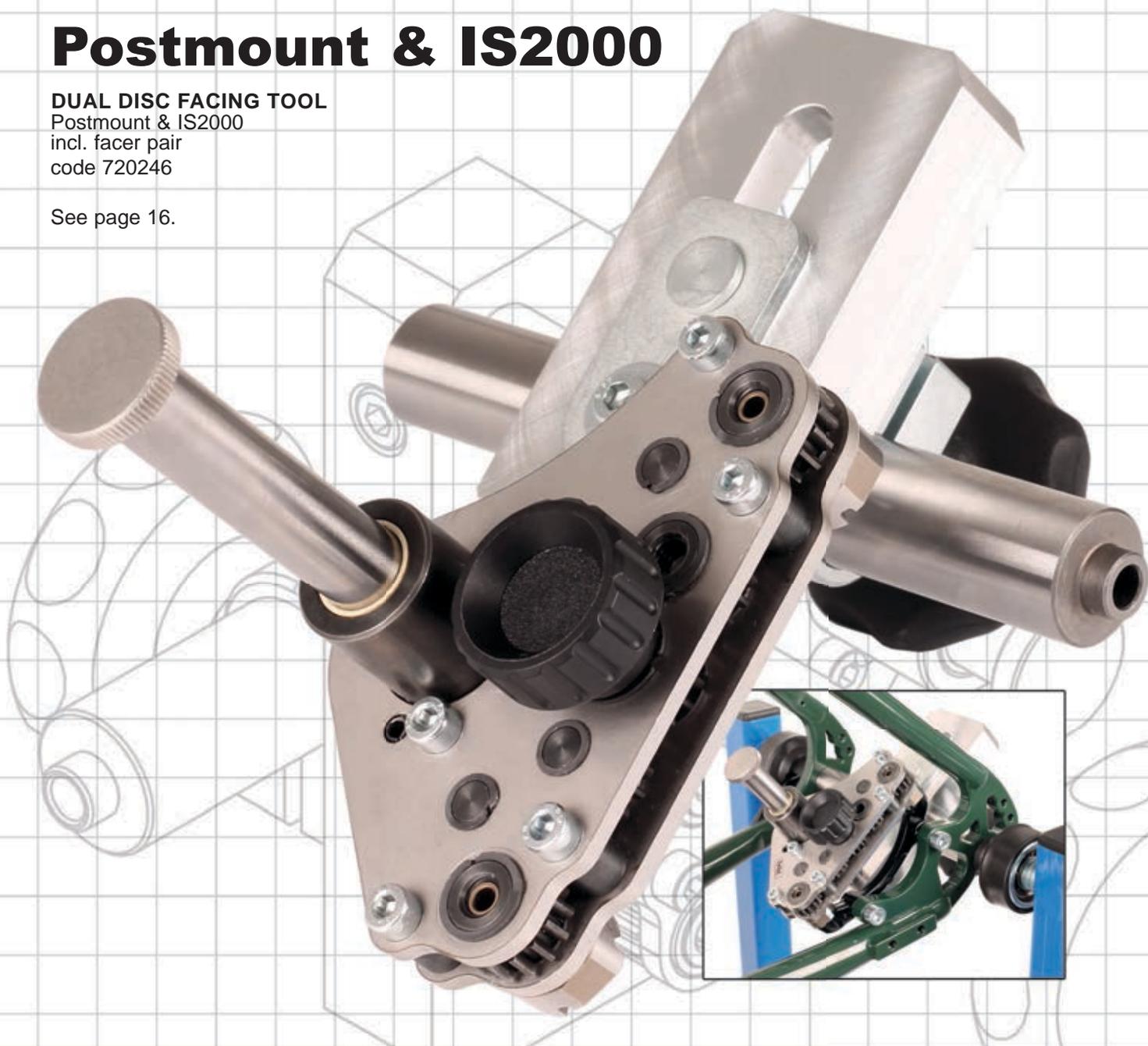
2017

Postmount & IS2000

DUAL DISC FACING TOOL

Postmount & IS2000
incl. facer pair
code 720246

See page 16.



Cyclus[®]
TOOLS

CYCLUS TOOLS® offers solutions

The workshop has become an important part of the bicycle shop. Maintenance, repair or assembling of a new bike are the standard services offered to the customers. A wide range of special tools is needed to be able to offer these services. The repair work has to be efficient and the tools and work place must fulfill the requirements. Cyclus Tools® are developed for the professional workshop and they cope with the highest requirements. The wide product range goes from hydraulic repair stand to highly special tools, such as **adjustable head tube reamer** with clever technical details. Both professional and hobby mechanics use the innovative and approved tools. Cyclus Tools® are manufactured in Europe using high quality materials with regular quality control. On our website www.cyclus-tools.eu you can download self-explaining movie clips, how to apply special tools. For the top range tools, technical support and service is provided. It will be decided case by case, if to replace or repair your Cyclus tool. We would like to thank you for your confidence in Cyclus tools and commit ourselves to give our best to continue with development and construction of optimal tools.



Contents



4-9

snap.in

tool holder, bottom bracket tools, cassette tools, guid bolts, 3/8" adapter



10-13

Bottom Bracket

Facing and cutting tools, bottom bracket tools, press tools, adjustable spanner



14

Head Tube

Facing tool, cutting oil, press tool, headcup remover, head set spanner, feeler gauges



15

Chain

Chain tool, chain rivet extractors, chain wear indicator, chain lubricant



16-19

Frame

seat tube reamer, repair cutter for gear hanger, dropout alignment tool, frame alignment tool, cantilever socket repair set, dual disc mount facing tool



20-21

Fork

Steerer threader, crownrace cutter, crownrace fitting tool and remover, star nut setter, steerer cutting guide



22-24

Crankset

Crank holder, crank extractors, chainring bolt tool, pedal thread cutter, vernier caliper for chainrings, chainset alignment tool, pedal spanner, crank repair set



25-27

Hubs

Axle vice, hub cup press and extractor, lubricant, cone spanner



28-32

Wheels

RADONAUT, Rim repair tool, wheel dishing tool, wheel truing stand, 20 mm axle clamp, nipple driver, spoke keys, spoke ruler, tire seater, tube inflater



34-35

Cassette

Cassette tools, freewheel removers, chain whips



36

Shifter and Brakes

cutter for hydraulic tubes, bolt cutters, diagonal cutter, cable cutter, cable stretching plier



37-48

Workshop Equipment

Cutting oil, ratchet, hexagon/torx sockets, torque wrenches, screwdrivers, files, hammers, insulation stripper, pliers, combination wrenches, die holders, vernier caliper, workshop apron, cleaning brush, bicycle care, soldering iron T-handle torque wrench



49-52

Workshop Furniture

work bench, tool trolley, wall panel, hooks, floor plates, repair stand, bike stand

snap.in



...tool system with prospects

With the introduction of "snap.in" tool system, Cyclus Tools® has fulfilled the requirements in terms of cost reduction, flexibility and space saving. Only one tool holder is needed to combine different tool inserts for an extensive range of facing, cutting and assembling/disassembling works. The tool system is very compact and therefore ideal for mobile use. The tools are clamped on a plate and always within reach.

...useful tips from professional bike mechanic

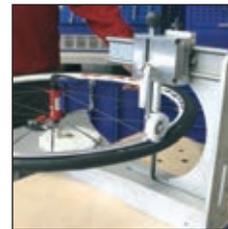


Ingo Recknagel is working since many years at Ra-Co as mechanic. He is mainly focussed on assembling new Intec bikes. But also repairs and customized production are his specialties. Ingo tests new tools, his experience has a significant influence on further development of Cyclus Tools®. He gives useful tips in this catalogue, how to properly apply some tools.

...our service



- spoke production from 1 pcs (**code 790003**)
- change of defect CAMPAGNOLO ULTRA TORQUE and POWER TORQUE bearings (**code 790005**)
- repair of defect or worn out facing and cutting tools
- manual wheel lacing (**code 790001**)
- tire installation, clincher or tubular



... leasing of tools and furniture

Use leasing as financing method to equip your workshop with professional tools and furniture!
Feel free to ask Torsten Nitsche to get more information about our leasing offers: Tel.: +49 36 203 614 31



Tools marked with this symbol are offered on a practical blister card. The customer can download all needed information by scanning the QR code and therefore help himself alone.

...modular workshop system



It can be annoying, if you need a particular tool and just in this moment you can not find it. You lose time and the work will get unprofitable. How much footway gets lost, when the working place is not set up for optimal functionality and ergonomics? What can be done to make a workshop profitable? The modular workshop system from Cyclus Tools® gives answers to those questions about space saving, functionality, order system, see page 50.

2011

2011 - introduction of the tool line snap.in - since then widely extended.

SNAP.IN is a professional and innovative tool system, which allows to combine more than 60 different tools, having only one universal tool holder. The tool combinations cover more than 30 applications, such as cassette and pressfit bottom bracket mounting or head tube reaming. Many of the tools are supported by a guide bolt, offering more safety and accuracy during the work. Thanks to the compact and modular construction the snap.in tool system will fit in any workshop and it is extendable at any time. **SNAP.IN** is an extendable system and contains e.g. adjustable head tube reamer, press fit bottom bracket tool etc.

CLICK AND DONE...

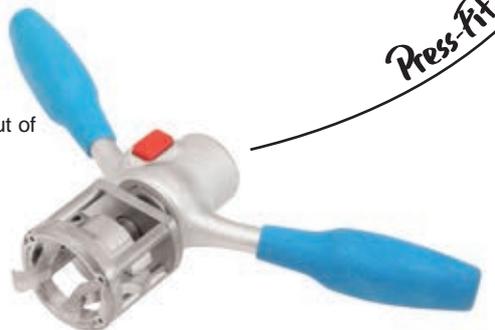


COMPACT...



2013

SNAP.IN Press-Fit extractor to extract bottom bracket cups out of the frame housing, for inner diameter 22-30 mm. e.g. BB30, BB86 or BB90.



2014

SNAP.IN adjustable head tube reamer

This tool can ream and face head tubes of different standards. The depth of the reamer is continuously adjustable. The needed depth can be defined in one-tenth millimeter range and is indicated on a scale. The reamer is exchangeable, so that different head set standards are possible to ream, such as external cups (EC), zero-stack (ZS) or integrated (IS).



SNAP.IN hexagon wrench 10 mm
e.g. CAMPAGNOLO Ultra-/Power-Torque central bolts. To be used with torque wrench.

VERSATILE...

SNAP.IN bottom bracket tool
e.g. CAMPAGNOLO Ultra-/Power-Torque optimal locking through the guide, no slip off or twist

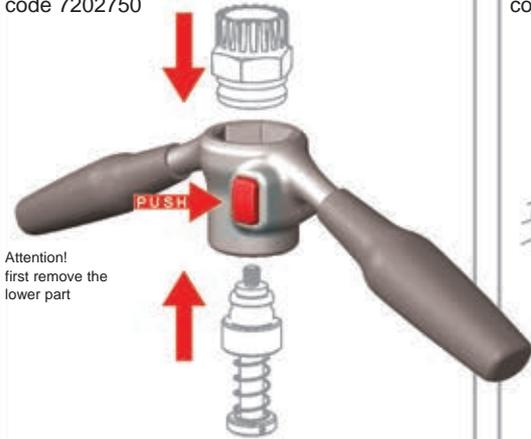
2013

SNAP.IN Press-Fit press tool

to press different bottom brackets e.g. CAMPAGNOLO Ultra-/Power-Torque, SRAM, TRUVATIV, GXP, SHIMANO BB & FSA, FSA BB30
With a 3/8" adapter, a torque wrench can be used.



Tool holder
for all snap.in tools
e.g. bottom brackets, cassettes,
sprockets, crank bolts,
reamer, press tool, special tools
code 7202750



Bottom bracket tool
SHIMANO square taper
BB-UN 51/71/72
KINEX alloy
TECORA plastic
code 7202701F70



Bottom bracket tool
SHIMANO Octalink
BB-7700/6500/5500
code 7202701F72



Bottom bracket tool
CAMPAGNOLO Cart
(square Record + Chorus)
MICHE track + Evolight
code 7202702F70



Bottom bracket tool
CAMPAGNOLO Mirage (Vierkant)
FAG, KINEX, KSS-Norm
code 7202703F70



Bottom bracket tool
SHIMANO DURA ACE BB-9000
code 7202709F73



Bottom bracket tool
SHIMANO ULTEGRA SM-BBR60
code 7202710F73



Bottom bracket tool
CAMPAGNOLO
ULTRA+POWER-TORQUE
code 7202706F74



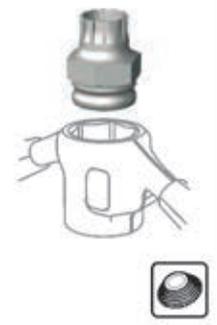
Bottom bracket tool
conventional bb
right cup 36 mm
code 7202708



Bottom bracket tool
FSA MegaEvo
code 7202711F77



Cassette tool
SHIMANO HG
code 7202732



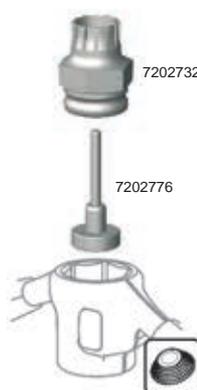
Cassette tool
SACHS P.G./SRAM
SACHS screw sprockets
code 7202734F76



Cassette tool
CAMPAGNOLO 8,9,10,11-speed
MICHE
code 7202733F76



Cassette tool
SHIMANO HG
MICHE SHIMANO
MICHE CAMPAGNOLO 8-speed
code 7202732F76



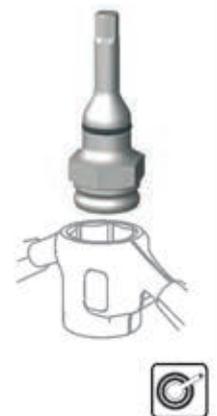
Lock ring remover
MICHE track
code 7202754



Sprocket remover
MICHE track
code 7202755



Hexagon wrench
CHAMPAGNOLO
ULTRA-TORQUE crank
code 7202753



Bottom bracket tool
SHIMANO
FC-M952/M951/M950
BB-M950/FC-M750/739/570/569
TRUVATIV
code 7202704F70



Bottom bracket tool
ISIS Drive
code 7202707F70
code 7202707F71
code 7202707F72



Bottom bracket tool
BB Gigapipe
BB Power Spline
TRUVATIV
code 7202704F71

code 7202704F72



Bottom bracket tool
SHIMANO BB-7700 / 7710
code 7202705F70
code 7202705F72



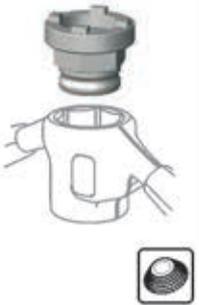
Bottom bracket tool
SRAM GxP
code 7202706F75



Bottom bracket tool
SHIMANO Hollowtech 2
MICHE EVO MAX
code 7202706F73



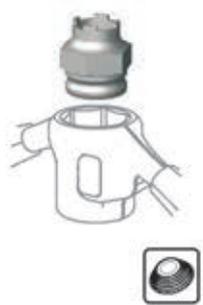
BMX freewheel remover
axle diameter 16 mm
code 7202720



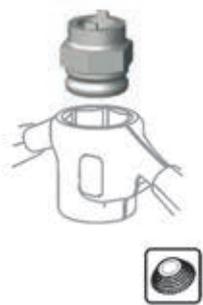
BMX freewheel remover
axle diameter 10 mm
code 7202721



Freewheel remover
Suntour 4-notch
code 7202730



Freewheel remover
4/5/6-speed, Atom, Mailard,
Regina, Suntour
code 7202731



Sprocket remover
ROHLOFF
code 7202722



Cassette tool
SACHS P.G./ SRAM
SACHS screw sprockets
code 7202734



Crank bolt socket
code 7202751
14 mm
code 7202752
15 mm



Lock ring tool
BOSCH E-Motor
Locknut Spider
code 7202761F71



Lock ring tool
BOSCH E-Motor
Active + Performance
code 7202762F72



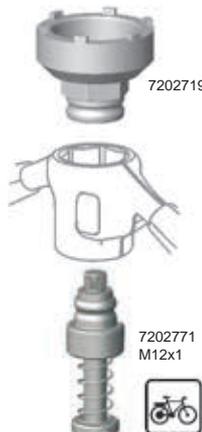
Lock ring tool
SHIMANO STePS E-Motor
code 7202709F70

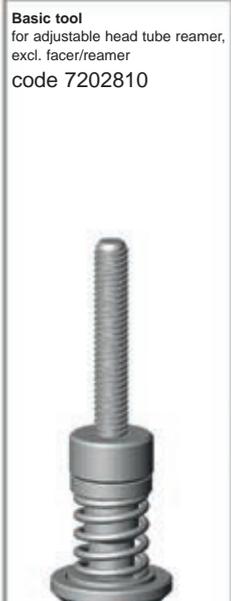


Lock ring tool
BROSE E-Motor
code 7202704F72



Bottom bracket tool
PANASONIC E-Motor
code 7202719F71





TOOL CASE
without tool and
clamp board
code 7202799



Set
SNAP.IN TOOL CASE
mounting of bottom brackets and
cassettes, with tool holder, too
inserts and clamp board.
code 7202700



- code 7202701
- code 7202702
- code 7202703
- code 7202704
- code 7202705
- code 7202706
- code 7202707
- code 7202708
- code 7202709
- code 7202710
- code 7202720
- code 7202721
- code 7202722
- code 7202730
- code 7202731
- code 7202732

- code 7202733
- code 7202734
- code 7202750
- code 7202751
- code 7202752
- code 7202753
- code 7202754
- code 7202755
- code 7202760
- code 7202770
- code 7202771
- code 7202772
- code 7202773
- code 7202774
- code 7202775
- code 7202776



Part of the tool case snap.in code 7202700





COMBINED TO A SET..

★★★★
Professional

Set

SNAP.IN ADJUSTABLE HEAD TUBE REAMER
complete set, incl. facer, one reamer to be chosen,
holder and spring guide
code 7202800



With this reamer it is possible to face head tubes with various depths. The depth of the reamer is adjustable. The set up depth will be indicated on the corresponding scale. All 3 head set types can be assembled after the head tube was faced. It does not matter, whether you are going to assemble an ahead, semi-integrated or integrated head set, this tool can do all jobs. Each facer is identified by the new description system S.H.I.S. - Standardized Headset Identification System. The description code consists of the type of the headset and the corresponding head tube inner diameter (e.g. EC 34). EC stands for External Cup meaning the classic head set, ZS Zero Stack for semi-integrated head set and IS for Integrated Standard.

Scope of delivery:

- holder SN.50-W
- basic tool SN.10-W
(incl. adjusting screw & spring cone guide)
- head tube facer SN.50-S
(outer diameter 62 mm)

- 1x inner reamer of your choice:

- IS 42 - SN.20-S 45°
- IS 47 - SN.21-S 45°
- IS 52 - SN.22-S 45°
- ZS 44 - SN.30-S 45°
- ZS 56 - SN.31-S 45°
- EC 30 - SN.40-S 20°
- EC 34 - SN.41-S 20°
- EC 37 - SN.42-S 20°
- EC 49 - SN.43-S 30°



Set

SNAP.IN SET E-BIKE

- 7202750 holder
- 7202719 bb tool Panasonic
- 7202761 bb tool Bosch Locknut Spider Classic
- 7202762 bb tool Bosch Locknut Active + Performance
- 7202709 remover SHIMANO STePS E-Motor
- 7202704 remover BROSE E-Motor
- 7202770 guide bolt M 8x1
- 7202771 guide bolt M12x1
- 7202772 guide bolt M15x1
- code 729990



Set

SNAP.IN PRESS-FIT SET A

tool holder, press spindle + 4 press ring sets + extractor
code 729993

Set

SNAP.IN PRESS-FIT SET B

tool holder, press spindle + 4 press ring sets
code 729992





★★★★★
Professional

CUTTING AND FACING TOOL

bottom bracket thread and shell
code 720149 BSA
code 720220 ITAL



TAP
code 720918 BSA
code 720919 ITAL



FACER
for 720149
code 720917

1. two work operations in one
2. fitting guide for perfectly centered thread
3. the chased thread serves as guide for exact shells facing
4. only one tool saves space



Ingo's tip:

No other tool in the bicycle industry can properly combine 2 operations, cutting and facing the bottom bracket housing, in one tool. Through the exact fitting guide, both cutters and facers are perfectly in line to each other. That means, shell faces will be 100% parallel to each other and square to the threads. The threads themselves will be exactly centered to the bottom bracket housing. This way a perfect sitting of Shimano Hollowtech 2 and other bottom brackets with outer cups will be guaranteed. Besides that you don't lose time for tool changing. Important: use plenty of cutting oil during the work to increase the life cycle of the tool.



video instruction at
www.cyclus-tools.eu

Repair Service

we can repair or change your torn out cutters and facer.
Feel free to contact us at: +49 (0)36 203 / 614 40



1. Chase the bb thread



2. Disconnect the cutting tool



3. Face bb shells



Set

PRESS-FIT SET

press spindle + 4 press ring sets
code 729991



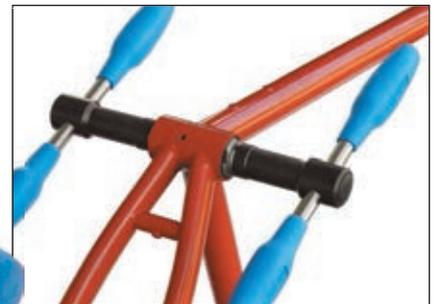
PRESS-FIT PRESS SPINDLE

without press rings
code 720312



B/BRACKET THREADING TOOL PRO

complete with tap, to chase the thread
code 720140 BSA (1,370" x 24 tpi)
code 720141 ITAL (36 x 24 tpi)



B/BRACKET THREADING TOOL

complete with tap, to chase the thread
code 720008 BSA (1,370" x 24 tpi)
code 720029 ITAL (36 x 24 tpi)
code 720341 FRANC (1,378" x 25,4 tpi)



B/BRACKET PRO, TAP

spare
code 720142 BSA (1,370" x 24 tpi)
code 720143 ITAL (36 x 24 tpi)



B/BRACKET TAP

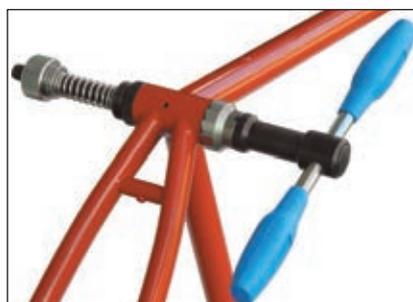
spare (pair)
code 720028 BSA (1,370" x 24 tpi)
code 720022 ITAL (36 x 24 tpi)
code 720342 FRANC (1,378" x 25,4 tpi)

B/BRACKET SHELL FACER

spare
code 720027



max. width of cutter surface: 9 mm
max. b/b shell diameter: 44 mm



B/BRACKET SHELL FACING TOOL

complete with facer
code 720007





WORKSHOP B/BRACKET TOOL
SHIMANO 20-tooth cartridge
e.g. BB-UN 51/71/72, KINEX-Alu
code 720201



WORKSHOP B/BRACKET TOOL
Campagnolo Mirage (square taper)
code 720204



WORKSHOP B/BRACKET TOOL
SHIMANO Hollowtech 2
code 720207



WORKSHOP B/BRACKET TOOL
SHIMANO BB-OCTALINK
7700/6500/5500
Art.-Nr. 720202



WORKSHOP FIXED CUP TOOL
conventional bottom brackets
code 720086



ADAPTER 3/8"
for bottom bracket mounting tools
code 720200

Info

All workshop b/bracket tools can be applied with our torque wrench by using the 3/8" adapter. It is strongly recommended to use the adapter, when you have to disassemble stucked bottom brackets! Do not apply leverage (such as tubes) on the handle! This will cause damage on the tool.



THOMPSON BOTTOM BRACKET PRESS
code 720033
code 720139 V2

THOMPSON + THOMPSON V2 press tool allows fast and professional mounting of threadless bottom brackets without getting jammed.



3/8" drive

B/BRACKET TOOL,
Campagnolo cartridge
3/8" drive
code 720195



B/BRACKET TOOL
SHIMANO Compact
3/8" drive
code 720194



B/BRACKET TOOL
ISIS Drive
3/8" drive
code 720193



B/ BRACKET TOOL
SHIMANO Hollowtech 2
3/8" drive
code 720197



B/ BRACKET TOOL
CAMPAGNOLO P.T./U.T.,
Sram GXP and Miche Evo Max,
3/8" drive
code 720176



B/ BRACKET TOOL
SHIMANO DURA ACE BB-9000
3/8" drive
code 720199



B/ BRACKET TOOL
for Panasonic torque sensor bb
3/8" drive
code 720089



hexagon drive

B/BRACKET TOOL
Campagnolo
24 mm drive
code 720068



B/BRACKET TOOL
SHIMANO
32 mm drive
code 720074



B/BRACKET TOOL
ISIS drive
32 mm drive
code 720172



B/BRACKET TOOL
FAG drive
28 mm drive
code 720173



T-HANDLE
165 mm, 3/8" drive
code 720555





required size of the cone guide

HOLDER FOR HEAD TUBE REAMER

excl. reamer and cone guides
max. head tube length: 190 mm
code 720211



video instruction at
www.cyclus-tools.eu



REAMER EXTERNAL CUPS		
Ø 45	code 720025	(30/15/90°) EC
Ø 45	code 720926	(33,8/15/90°) EC
Ø 45	code 720026	(34/15/90°) EC
Ø 45	code 720032	(37/15/90°) EC
Ø 55	code 720913	49,6/15/90°) EC



REAMER INTEGRATED		
Ø 45	code 720911	(41,7/2,3/36°) IS
Ø 45	code 720912	(41,7/6,5/36°) IS
Ø 45	code 720903	(42/3,0/45°) IS
Ø 45	code 720904	(42/6,9/45°) IS
Ø 45	code 720907	(42/2,4/45°) IS
Ø 45	code 720908	(42/6,0/45°) IS
Ø 55	code 720914	(44/6,0/45°) ZS
Ø 55	code 720910	(44/8,2/45°) ZS
Ø 55	code 720941	(47/7/45°) IS
Ø 55	code 720940	(52/7/45°) IS

CONE GUIDE Ø 45 MM
spare
code 720943

CONE GUIDE Ø 55 MM
spare
code 720942



HEAD SET SPANNER

handle with plastic coating
code 700065 32 mm
code 700066 34 mm
code 700067 36 mm
code 700080 38 mm
code 700081 44 mm

Info

Find out, which size of crown race cutter you need before you start to work. Put cone ring on the test bar until it seats steady on one of the bar sections and read its diameter from the scale.



TEST BAR

to determine diameter of a crown race
code 720228



Info

The tool is constructed for simultaneous press of top and bottom headset cups into the head tube. Before doing that it is strongly recommended to check the accuracy of the cup seats inside the head tube. If needed, correct the size with head tube reamer (art. 720005/720006/720046).

HEADSET PRESS

code 720009 1" & 1 1/8"
code 720184 1" & 1 1/8" (longer, 500 mm spindle)
code 720181 1 1/2"
code 720183 SEMI-IHS



HEADCUP REMOVER

code 720185 1"
code 720186 1 1/8"
code 720180 1 1/2"





CHAIN WEAR INDICATOR
measurement length: 11 chain links
code 720114



video instruction at
www.cyclus-tools.eu



Info

The use of worn out chains leads to shorter life time of sprockets and chain rings. With CYCLUS chain wear indicator it is possible to find out, when a chain is to replace. The grade of wearout is indicated on a scale.



CHAIN WEAR INDICATOR
code 720062



WORKSHOP CHAIN TOOL
fits to all 7/8/9 speed chains and
10 speed SH chain, workshop quality
code 720109

REPLACEMENT SPINDLE
code 720924



CHAIN LUBRICANT
400 ml Spray
code 710030



CHAIN TOOL HG
code 720016



Pack. 1&10



REPLACEMENT SPINDLE
for code 720016
code 720080



CHAIN RIVET EXTRACTOR
code 720509



REPLACEMENT PIN
for chain rivet pliers (720509 and 720340)
code 720514



CHAIN LINK PLIERS
to open chain links
code 720330

Info

With CYCLUS TOOLS chain rivet extractor you simply and quickly press out the pins of bicycle chains. Long levers are designed for a good handling and are able to apply high pressure on the chain rivet.



CHAIN RIVET EXTRACTOR
for wide chains (1/2x1/8")
code 720340



CHAIN LINK PLIERS
to close chain links
code 720331





★★★★
Professional

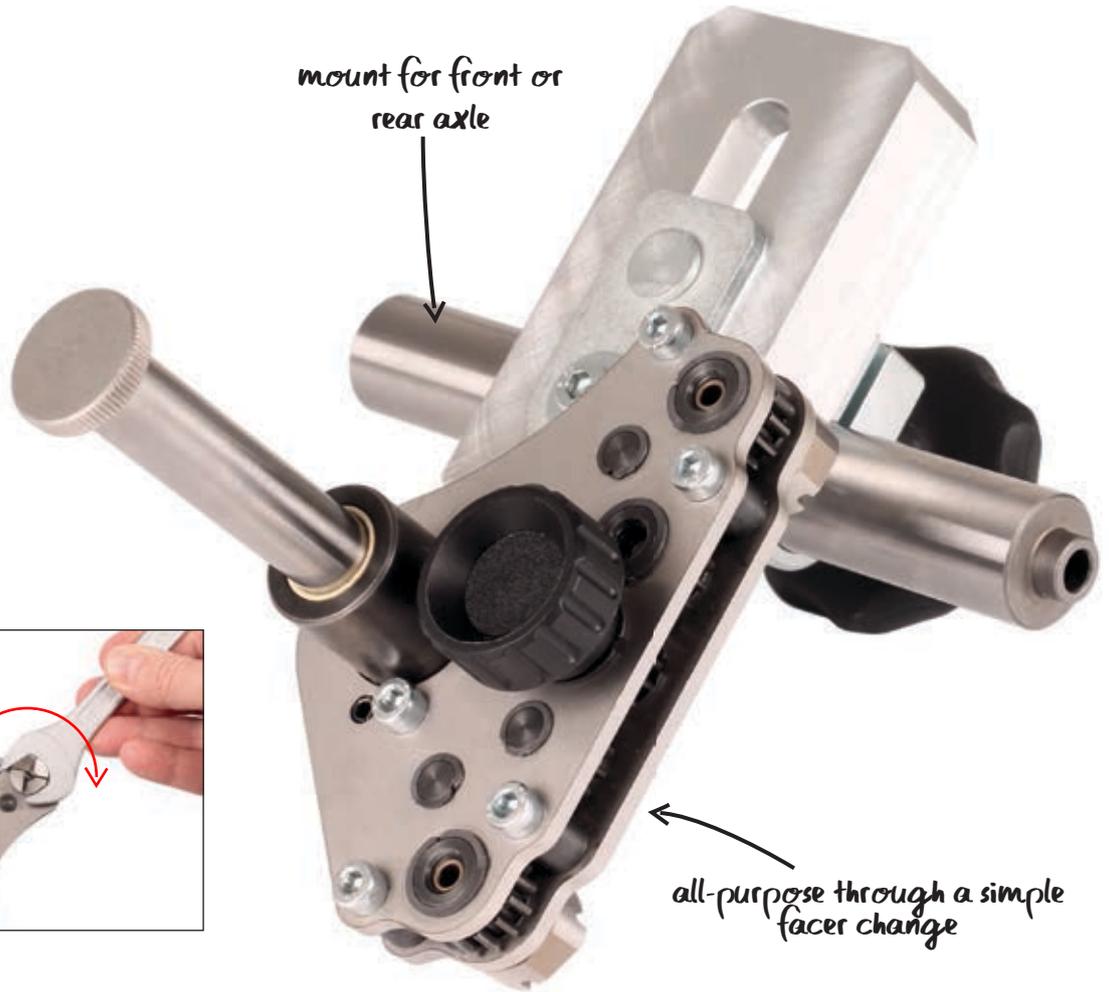
Postmount + IS2000

DUAL DISC FACING TOOL
Postmount & IS2000
incl. facer pair
code 720246

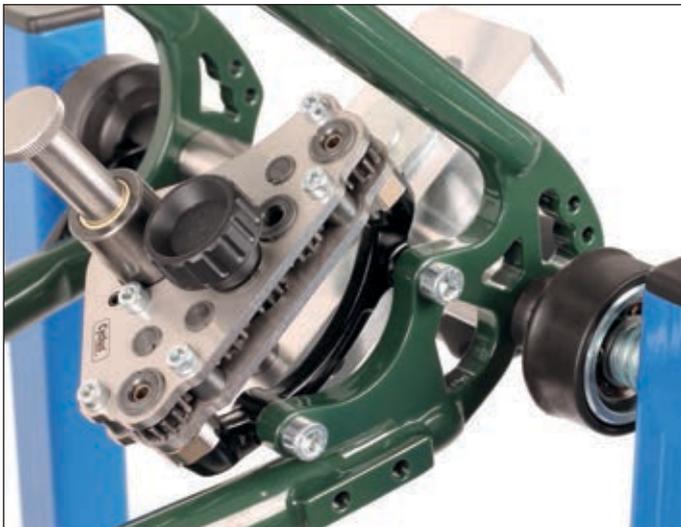


FACER PAIR, SPARE
for dual disc facing tool
Postmount & IS2000
code 720938

Facer material: X210Cr12
Hardness: 61 HRC



Ingo's tip
CYCLUS TOOLS® dual disc facing tool faces disc brake mounts on frame and fork of both **IS2000** and **Postmount standard**. The tool can also be applied on suspension forks. Both disc mounts will be faced simultaneously, in 90° to the wheel axle and parallel way. The tool can be used with 20 mm axles as well. For a correct disc brake mounting it is required to have the disc mounts faced accurately.



Facer positioning for Postmount



Facer positioning for IS-2000





★★★★
Professional



video instruction at
www.cyclus-tools.eu

DUAL DISC-MOUNT FACING TOOL

complete with cutters Ø 16 mm
(for frame and forks)
code 720106



SPARE FACER (PAIR)

for dual disc-mount facer
code 720915, Ø 16 mm
code 720916, Ø 12 mm

Why facer with 12 mm?

Suspension forks with large tubes can get damaged by standard 16 mm facer.



(works with 20 mm thru axles)



FACER

to face screw head surface
(to use along with art. 720106)
code 720255



SPARE FACER (PAIR)

for dual disc-mount facer
postmount
code 720258

CUTTING OIL 100 ML

in dispenser bottle
code 710012



Use plenty of cutting oil to extend
the life cycle of the tool.



BUSH FULL AXLE

(for code 720256, 720106, 720246)
code 720259 12 mm
code 720260 15 mm



ADAPTER

to apply electric drill on disc mount
facing tool
code 720107



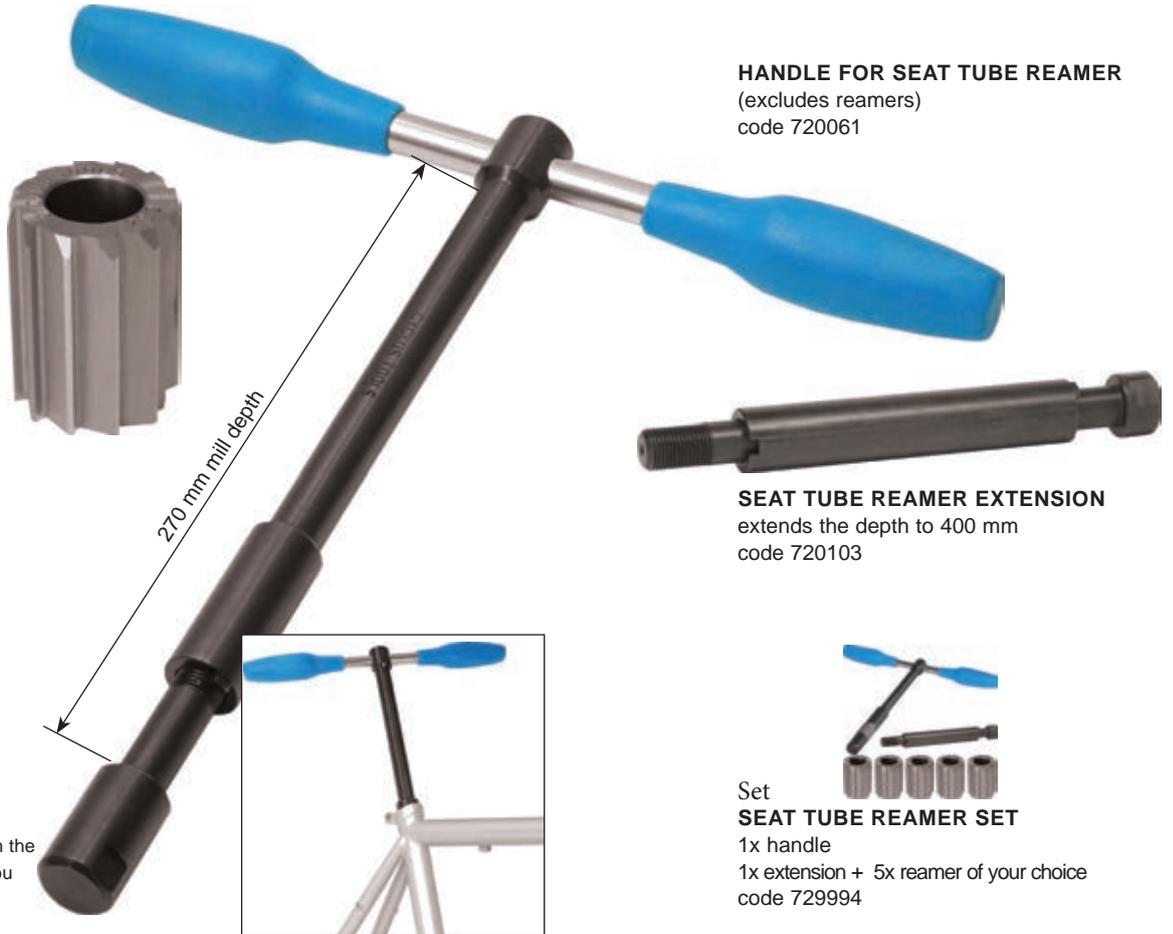
SEAT TUBE REAMER

- code 720091 Ø 25,0 mm
- code 720092 Ø 25,4 mm
- code 720093 Ø 25,8 mm
- code 720094 Ø 26,2 mm
- code 720095 Ø 26,8 mm
- code 720096 Ø 27,0 mm
- code 720097 Ø 27,2 mm
- code 720098 Ø 28,6 mm
- code 720167 Ø 29,2 mm
- code 720099 Ø 29,8 mm
- code 720100 Ø 30,0 mm
- code 720166 Ø 30,2 mm
- code 720169 Ø 30,9 mm
- code 720135 Ø 31,4 mm
- code 720101 Ø 31,6 mm
- code 720102 Ø 31,8 mm
- code 720165 Ø 32,4 mm
- code 720168 Ø 34,9 mm

Material used in cutters:
X 210 Cr 12
hardness: 61 HRC

Info

To save the cutter, rotate the tool in the same direction as cutting, when you take out the tool.



HANDLE FOR SEAT TUBE REAMER
(excludes reamers)
code 720061

SEAT TUBE REAMER EXTENSION
extends the depth to 400 mm
code 720103

Set
SEAT TUBE REAMER SET
1x handle
1x extension + 5x reamer of your choice
code 729994



GEAR HANGER ALIGNMENT TOOL
code 720010



Info

Before facing brake disc holder and mounting disc brakes, check the alignment of dropouts.



DROPOUT ALIGNMENT TOOL
pair
code 720011

FRAME ALIGNMENT TOOL
code 720031



Info

Frame alignment tool proves the alignment of head tube, seat tube and dropout. Put the tool on dropout and compare the feeler distance with the dropout on the opposite side. If both dropouts have the same distance to feeler, the frame is aligned.





FACER FOR CANTILEVER BOSS
code 720254



CANTILEVER BOSS EXTRACTOR 9 MM
3/8" drive
code 720247



DOUBLE-EDGED SCREW EXTRACTOR SET

1x M5-M6
1x M8-M10
to extract broken or damaged screws with LH or RH thread
code 720305



recommended die holder:
M5-M6 code 720123
M8-M10 code 720124



Videoanleitung unter
www.cyclus-tools.eu

REPAIR CUTTER AND SPARE REPAIR BUSH SET
for gear hanger
code 729989

REPAIR BUSH
for gear hanger, spare
code 720076



THREAD CUTTER
code 700032 M 3
code 700033 M 5
code 720054 M 10 x 1
(M10x1 for gear hanger thread)



Info

Screw the repair bush on the bolt of the rear derailleur, then put both of them into the new threaded gear hanger. This way it is much easier to install the repair bush.

Use die holders on page 38.





**UNIVERSAL
CROWN RACE REMOVER**
(IHS forks, suspension forks)
code 720137



CROWN RACE REMOVER
1" & 1 1/8"
code 720021

CROWN RACE FITTING TOOL
1" & 1 1/8"
code 720012



STAR NUT SETTER
1" & 1 1/8"
code 720088



CROWN RACE FITTING TOOL
1 1/2"
code 720182

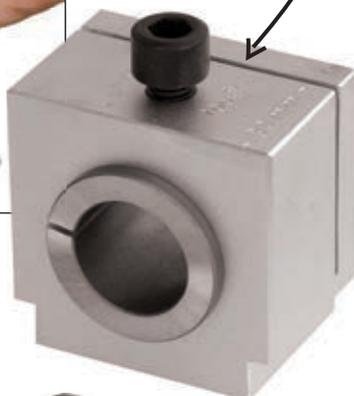


Ingo's tip
Choose the needed reducer (1" or 1 1/8") and crew into the nut setter. Screw the star nut onto the pin, insert the tool into the fork shaft and hit it in with a hammer. Rotate the head screw counter-clockwise to remove the tool from the fork.



STEERER CUTTING GUIDE
1" & 1 1/8", with screw, incl. bushes
code 720052

straight cut!



HACKSAW
for 10" or 12" blades, incl. one blade
code 720302

SPARE SAW BLADE
for alloy / steel
code 720304

BUSH
spare
code 720901 1"
code 720902 1 1/8"



cuts carbon



SPARE SAW BLADE
for carbon
code 720303



long durability through hardened metal inserts

- faces crownraces made of steel, alloy, carbon, chrome, titanium
- long durability through hardened metal inserts



CROWNRACE CUTTER
1 1/8" (30mm) cutters made of hardened metal
code 720157

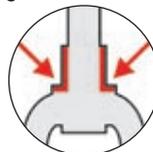


★★★★
Professional

CROWNRACE DOUBLE CUTTER
1 1/8" (30mm)
excl. holder, cutters made of hardened metal
code 720213



HOLDER
for crown race double cutters and hard metal cutting insert
code 720227



horizontal and vertical milling



CROWNRACE DOUBLE CUTTER
code 720229 (26,4 mm)
code 720221 (26,5 mm)
code 720222 (26,6 mm)
code 720230 (27,0 mm)
code 720223 (27,1 mm)
code 720224 (27,2 mm)
code 720231 (30,0 mm)
code 720225 (30,1 mm)
code 720226 (30,2 mm)



CROWNRACE CUTTER
spare
code 720023 1" (26,4 mm)
code 720087 1" (27,0 mm)
code 720024 1 1/8"(30 mm)



CROWNRACE CUTTER
1" (26,4 mm)
complete with cutter
code 720003

CROWNRACE CUTTER
1 1/8"(30 mm)
complete with cutter
code 720004



HOLDER CROWNRACE FACER
excl. facer
code 720212



The steerer threader will be used to cut a new thread on raw fork shaft.
The guide on tool holder prevents jamming of the cutter.

STEERER THREADER
to cut **new** thread
excl. dies
code 720077



STEERER THREADER DIE
spare
code 720019 1"
code 720020 1 1/8"

STEERER THREADER
to chase the existing thread
excl. dies
code 720070



STEERER THREADER
to chase the existing thread
complete with dies
Art.-Nr. 720001 1"
Art.-Nr. 720002 1 1/8"



Power Torque



for alloy cranks only!

CRANK EXTRACTOR
Campagnolo P.T.
code 720249



BEARING EXTRACTOR
Campagnolo P.T. bb
code 720248



HEXAGON SOCKET 14MM
3/8" drive, for assembling of
Campagnolo P.T. cranks
code 720595

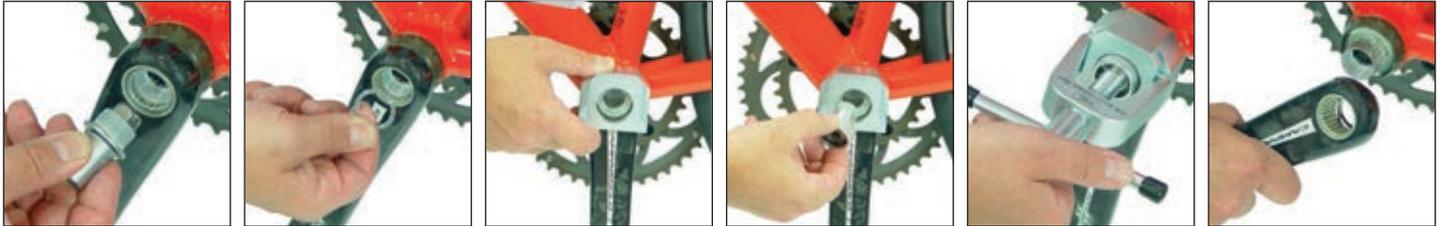


for P.T. carbon cranks

CRANK EXTRACTOR ADAPTER
for Campagnolo Power Torque
carbon cranks
to use with extractor 720249 only
code 720310



The adapter for Power Torque carbon cranks works only along with crank extractor for alloy cranks.



Ultra Torque



BEARING PRESS TOOL
for Campagnolo P.T. and U.T. bb
code 720263



BEARING EXTRACTOR
for Campagnolo U.T. bb
code 720250



BEARING INNER RING EXTRACTOR
for Campagnolo U.T. + P.T. bb
code 720252



HEXAGON SOCKET 10MM
3/8" drive, 90mm shaft
e.g. to mount Campagnolo U.T. cranks
code 720537



Set
ULTRA TORQUE repair set
consisting of: press tool, extractor,
adapter, ball bearings and 500 g grease
code 729995





Professional tool for safe working on chain ring bolts.
Use corresponding bits for each standard and look after the correct seating of the bits.



★★★★★
Professional

CHAINRING'R
CHAIN RING BOLT PLIERS

incl. bit D
code 720327

Info
CHAINRING'R BIT SET

5 bits (A, B, C, D, E)
code 729996



separate bits for chain ring nuts



BIT - A
constant notch, 1 mm
CAMPAGNOLO
code 720322



BIT - B
2-notch, 2 mm
MICHE
code 720323



BIT - C
hexagon, 5 mm
TRUVATIV
code 720324



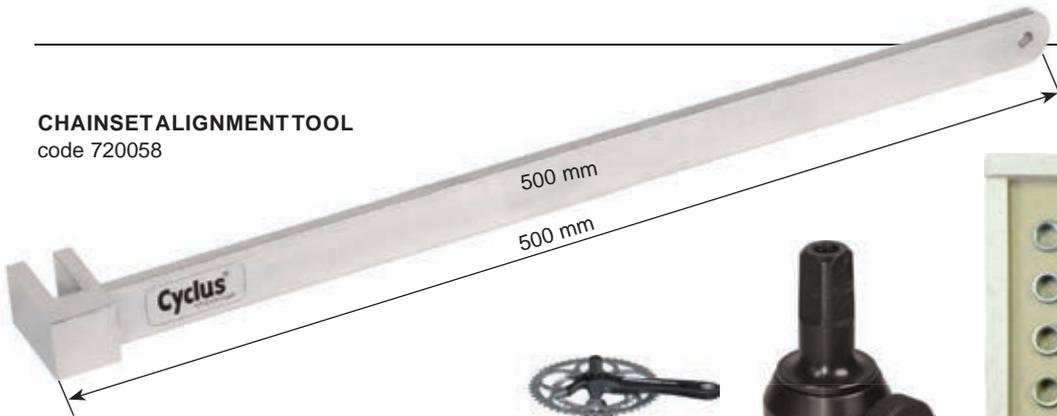
BIT - D
2-notch, 1,5 mm
SHIMANO, TRUVATIV
code 720325



BIT - E
2-notch, 1 mm
CAMPAGNOLO
SUGINO, SRAM, FSA
code 720326

CHAINSETALIGNMENTTOOL

code 720058



CHAINRING BOLT TOOL
code 720059



CRANK HOLDER
to mount chain rings
(Octalink or square taper, Hollowtech II)
code 720119



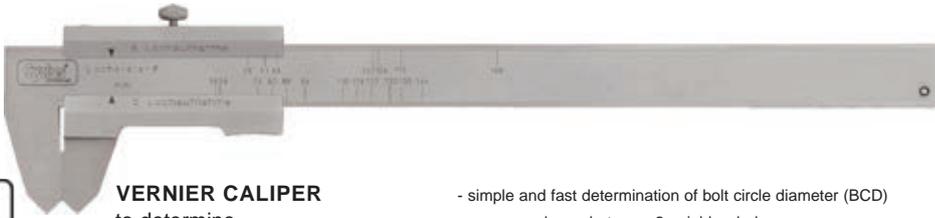
CRANK REPAIR SET
complete
code 720017

- Repair set includes following tools:
- thread cutter for pedal thread (1xL, 1xR)
 - bushes for pedal thread (2xL, 2xR)
 - cutter for destroying crank thread (oversize)
 - cutter for cutting new crank thread (oversize)
 - fitting guide for destroying/cutting of the crank thread
 - crank extractor (oversize)



VE 1&20





video instruction at
www.cyclus-tools.eu

VERNIER CALIPER
to determine
chain ring diameter
code 720138

- simple and fast determination of bolt circle diameter (BCD)
- measure always between 2 neighbor holes
- read the value from the scale (4 or 5 arm scale)
- measuring also on mounted chain rings possible



CRANK EXTRACTOR
SHIMANO OCTALINK
7700/6500/5500
code 720128



CRANK EXTRACTOR
square tapered crank
code 720063



CRANK EXTRACTOR
OVERSIZE M24
code 720060



CRANK MOUNTING TOOL
SHIMANO Hollowtech 2
FC-M960, M760, M800, FC-7800
code 720177

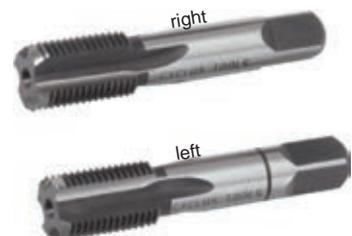


PEDAL SPANNER
doublesided 15 mm
code 720047

PEDAL THREAD CUTTERS
for repair bushes
(1 x R, 1 x L)
code 720050



PEDAL THREAD CUTTERS
9/16"
(1 x R, 1 x L)
code 720015



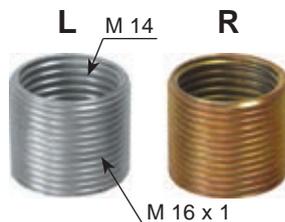
Info

The **CYCLUS TOOLS** thread cutter destroys the damaged thread and cuts a new one with bigger diameter.
You save time and money, since only one tool is needed.

Note the different thread directions: left/right

SPARE BUSHES

for pedals, spare left/right
code 720035 (1 x R, 1 x L)
code 720066 (1 x R)
code 720067 (1 x L)



CRANK BOLT SOCKET
3/8" drive
code 720178 14 mm SW
code 720179 15 mm SW





AXLE VICE
springloaded, 9 mm and 10 mm
code 720057



CONE SPANNER
handle with plastic coating
code 720040 12 mm
code 720041 13 mm
code 720042 14 mm
code 720043 15 mm
code 720044 16 mm
code 720045 17 mm
code 700082 18 mm
code 720161 19 mm
code 700083 20 mm
code 720162 22 mm
code 720163 24 mm
code 700084 28 mm



REMOVER OF SPROCKET BEARER
and lock ring on
MICHE track hub, 32 mm drive
code 720072



LUBRICANT "WHITE"
highly effective for
ball bearings, hubs etc.
500 g can
code 710023



HUB CUP PRESS
CAMPAGNOLO all hubs, front & rear
(includes bushes)
code 720113



HUB CUP EXTRACTOR
CAMPAGNOLO front hubs
code 720110



HUB CUP EXTRACTOR
CAMPAGNOLO rear hubs
code 720111



FRONT HUB CUP EXTRACTOR
CAMPAGNOLO OVZ hubs front & rear
code 720082



HUB CUP EXTRACTOR
CAMPAGNOLO front hubs model year 2015
code 720082



Remove bearings, without holding up.



UNIVERSAL BALL BEARING EXTRACTOR
code 7202950



SLIDE HAMMER 700 G
code 7202951

EXCHANGE WEIGHT
for slide hammer, 1400 g
code 7202952



Set
UNIVERSAL BALL BEARING EXTRACTOR SET
incl. 12x adapter 6-30 mm,
exchange weight, case
code 7202900



BALL BEARING EXTRACTOR ADAPTER

- code 7202910 6 mm
- code 7202911 8 mm
- code 7202912 10 mm
- code 7202913 12 mm
- code 7202914 15 mm
- code 7202915 17 mm
- code 7202916 19 mm
- code 7202917 20 mm
- code 7202918 22 mm
- code 7202919 24 mm
- code 7202920 25 mm
- code 7202921 30 mm



Ingo's tip

The Cyclus Tools® ball bearing extractor will remove bearings of different diameters out of frames or hubs, without holding up on them. The work is simple and fast. Sensitive materials, such as carbon, will not be affected. Two different sizes of slide hammers allow application of appropriate amount of power to the bearing. Make sure to hold and punch the hammer in axle center. Cleaning the bearing housing before work and using of silicon oil will solve also the difficult cases.



Press for wheel and full suspension bearings



BALL BEARING PRESS TOOL
code 7202953



Set
BALL BEARING PRESS SET
incl. press tool and 11x press rings with different inner and outer diameters, in case code 7202901

PRESS RINGS

	I.D.	O.D.
code 7202960	12 mm	21 mm
code 7202961	12 mm	24 mm
code 7202962	12 mm	28 mm
code 7202963	15 mm	24 mm
code 7202964	15 mm	28 mm
code 7202965	15 mm	32 mm
code 7202966	17 mm	26 mm
code 7202967	17 mm	30 mm
code 7202968	17 mm	35 mm
code 7202969	20 mm	32 mm
code 7202970	25 mm	37 mm



Ingo's tip
The spindle of Cyclus Tools® press tool has a fine thread, so that ball bearings of different inner and outer diameters will be pressed very smooth. Before you start to work, make sure that the bearing and the housing are clean. Put some lubricant on to avoid later click noises. Make sure that the ball bearing will not get jammed, other wise either the bearing or its housing can be damaged.



LUBRICANT
white, 500 g can
code 710023





★★★★★
Professional

SPOKE THREADING MACHINE V.03

cuts and threads 2 mm spokes in one step,
possible spoke lengths from 80 to 310 mm,
tool should be fixed on work bench
code. 720265



SPOKE CUTTING / per pcs

we cut 2 mm plain spokes to your needed length
from 80 to 310 mm
code 790003



video instruction at
www.cyclus-tools.eu

Ingo shows how it works!



spoke production within seconds

- allows instant repair of wheels
- no more stocking of rare spoke lengths required
- cutting and thread rolling in one working step
- spoke lengths from 80-310 mm



1. Measure the required spoke length



2. Adjust the scale of the spoke guide



3. Finished spoke

The spoke machine is not suited for spokes with zinc, nickel or other surface treated spokes, except anodized and plain stainless steel spokes. Spoke diameter must be conform to the installed rolling dies, otherwise the dies can be damaged without guarantee replacement! Make sure before start to work, that appropriate rolling dies are installed for the particular spoke diameter.



SPARE SPOKE THREAD ROLLING DIES V.03

for machine 720265
code 720266 1,80 mm
code 720267 2,00 mm
code 720268 2,34 mm

SPARE SPOKE THREAD ROLLING DIES V.01/V.02

for machine 720048
code 720262 1,80 mm
code 720261 2,00 mm
code 720257 2,34 mm



Manual instruction, how to change rolling dies, will be found on our webpage: www.cyclus-tools.eu/code720265.html





WORKSHOP WHEEL TRUING STAND

for wheels 24" - 29"
adjustable in height/side
code 720085



ADDITIONAL SET FOR TRUING STAND
with spring and calipers for Fat Bike wheels
code 720081



SPARE PLASTIC TIPS
for truing stand, pair
code 720945



THRU AXLE ADAPTER PAIR
for truing stand
up to 24mm diameter
code 720948



WHEEL DISHING TOOL

for wheels, 24" - 29"
code 720036



SPOKE NIPPLE DRIVER

adjustable pin length,
to use with electric drill
code 720158



NIPPLE DRIVER

extra long for high-profile rims
code 720037

REPLACEMENT PIN

for nipple driver 720158
code 720174



only qty 10

REPLACEMENT SPRING

for nipple driver 720037
code 720923



SPOKE KEY

plastic, stainless steel
code 720515 SW 3,2 mm, red
code 720516 SW 3,4 mm, black



WRENCH FOR AERODYNAMIC SPOKES

6 sizes, plastic
code 720253



SPOKE KEY

stainless steel, 3,25 / 3,45 mm
code 720517



SPOKE KEY

forged, various sizes
code 720090



VE 1&20



SPOKE KEY "PROFI"

code 720064



SPOKE WRENCH

for SHIMANO wheels
4,3 mm / 4,4 mm
code 720603



SPOKE WRENCH

for MAVIC wheels
code 720604





★★★★★
Professional

REIMONT - workshop tyre fitting & removing tool
for all wheel sizes (MTB/Trekking/Race)
code 720311

“REIMONT” tyre fitting & removing tool

...thumb squeezing days are over!



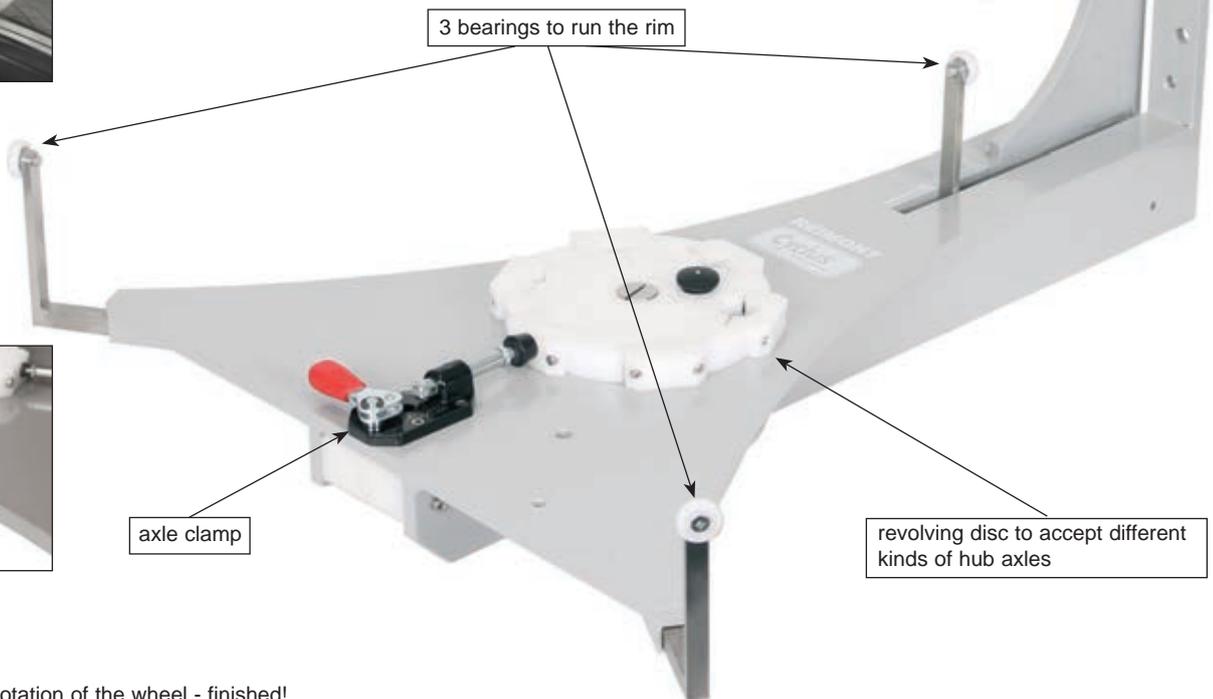
Ingo's tip
Using REIMONT, tyre installation will become easy and fast. Different wheel sizes will be adjusted by moving the lever. The tire, rim and mechanic's hands are protected from damage. The customers will be impressed from such a professional tyre changing. For tyre removing, please hook tire lever into the specified slot.



Video instruction at:
www.cyclus-tools.eu



lever to adjust wheel size



360° rotation of the wheel - finished!





RIM REPAIR TOOL
for pushing out dents
code 720014



RIM REPAIR TOOL
for pulling out dents
code 720030

TIRE SEATER

fits to various tire widths
code 720518



OMEGA SPANNER

15mm / multi notch for cone ring
code 700001



HOSE FOR TUBE INFLATOR

spare
code 720594

TUBE INFLATOR

air tube auto/sclaverand valve
code 720561



PRESSURE GAUGE

for tube inflator 720561
code 720597

BOLT THROUGH AXLE CLAMP

for wheel jigs,
20 mm axle only
code 720129



RUBBER INSERT

for Multi-Valve-Head
code 520011



VE 10



SPOKE RULER, METAL

additional function: measuring ball sizes
code 720018

- exact determination of spoke length in millimeter / inch
- drilled holes from 1/8" to 1/4" for determination of ball sizes
- determination of spoke diameter





RADONAUT^{DMS1.0}

...a milestone in wheel truing technology

DIGITAL WHEEL MEASURING SYSTEM

measuring of height and side dents and manual wheel truing function suited for 24" - 29" wheels without tires code 720350

- measuring with 0,05 mm tolerance
- identification of possible dents in the rim
- verification of rim centering or its asymmetry with regard to the hub
- adjustable truing accuracy 0,1 - 3,5 mm
- possibility to print the measuring result protocol (print/digital)
- cost calculation for work needed to true a wheel (cost rate can be adjusted in password protected area)
- control of work time of different operators
- live feedback helps at work
- simple operation by touchscreen
- electromechanic roll sensors
- automatic adjustment of wheel center



Truing accessories on page 29.



applied for utility model protection

Info

DMS1.0 makes professional measuring and truing with the highest accuracy possible. Existing height and side dents will be identified and electronically evaluated. It will be clear, which effort is needed to have the wheel trued. The measuring result can be printed as protocol and handed out to the customer. The protocol is considered to be a kind of certificate, containing information about the current state of the wheel, the target accuracy and expected working costs. All data will be stored in the machine and can be used again, for example for upcoming reclamations. The DMS1.0 is simple operated by touchscreen. No special skills are required for the operation of the machine. While you manually center the wheel, a quick feedback will be permanently given on the screen. Really a gain for the workshop.





★★★★★
Professional

T-HANDLE TORQUE WRENCH
torque range 5-14 Nm
stageless adjustable, incl. torque setter
code 720700

Info *Torque in no time!*

Perfect tool for tightening in a defined torque range or loosen of different screw joints. Screws can be tightened up to 14 Nm. The blades are interchangeable, so that you can use the tool with hexagon, torx or bit inserts. 3/8" drive tool inserts can be used as well, by applying of the 3/8" adapter blade.

- numeric torque indicator
- needed torque can be set with torque setter
- comfortable T-handle
- signaling when set torque is achieved
- accuracy of +/- 6% up to 14 Nm
- safety clutch - no overtighten



3/8" bits on page 41.



INTERCHANGEABLE BLADE 3/8" DRIVE
for T-Handle (720700)
code 720704



INTERCHANGEABLE BLADE BIT 1/4"
for T-Handle (720700)
code 720703



INTERCHANGEABLE BLADE TORX
for T-Handle (720700)
code 72070215 TX15, blade 53 mm
code 72070225 TX25, blade 53 mm
code 72070230 TX30, blade 53 mm



INTERCHANGEABLE BLADE HEX
for T-Handle (720700)
code 7207013 3 mm, blade 53 mm
code 7207014 4 mm, blade 53 mm
code 7207015 5 mm, blade 53 mm
code 7207016 6 mm, blade 53 mm

- high quality chrome-vanadium-molybdenum steel
- through hardened, chrome plated
- colored for better recognizing (red=hex, green=torx)

★★★★★
Professional

MagicRing® / MagicSpring®
secures all screws independently of screw material (stainless steel, titanium, aluminum) in any position.



HEX DRIVER WITH T-HANDLE
MagicRing®
code 7207103 3 mm, blade 100 mm
code 7207104 4 mm, blade 150 mm
code 7207105 5 mm, blade 150 mm
code 7207106 6 mm, blade 150 mm

TORX DRIVER WITH T-HANDLE
MagicSpring®
code 72071115 TX15, blade 100 mm
code 72071125 TX25, blade 100 mm
code 72071130 TX30, blade 100 mm



"FLEX" BIT HOLDER 1/4"
for offset screws, blade 150 mm, plastic coated flexible metal blade, bit holder with retaining ring
code 720668

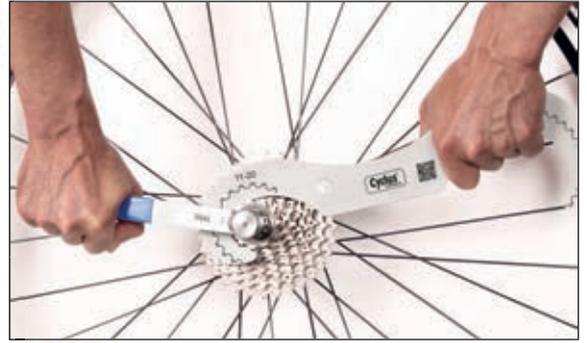




FREEWHEEL REMOVER
to disassemble cassettes and sprockets
code 720078



FREEWHEEL REMOVER SRAM X01
to disassemble cassettes SRAM X01 & X1
code 720079



Ingo's tip

The freewheel remover holds up cassettes or sprockets while they are disassembled. The tool will be applied on top or bottom of the sprocket. Compared to the previous tool, where a chain was integrated, the new tool will not move to the side and it is possible to apply considerable pressure on the sprocket.



CASSETTE TOOL
with handle, SHIMANO and
CAMPAGNOLO
code 720053



qty 1&8



CASSETTE TOOL
with handle, SHIMANO solid axles
code 720159



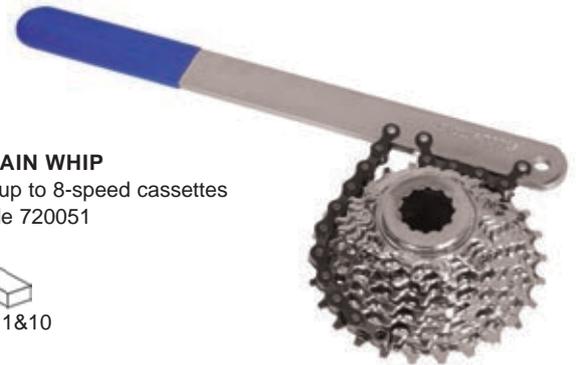
qty 1&8



CASSETTE TOOL
with handle
code 720055 SHIMANO
code 720056 CAMPAGNOLO



qty 1&8



CHAIN WHIP
for up to 8-speed cassettes
code 720051



qty 1&10



CHAIN WHIP
for 9/10-speed cassettes
code 720126



qty 1&10



wire brush + lubricants on page 44-45.



3/8" drive

FREEWHEEL REMOVER
Campagnolo 8,9,10- speed
3/8" drive
code 720198



CASSETTE TOOL
SHIMANO HG
3/8" drive
code 720196



CASSETTE TOOL
SACHS and screw-on-freewheels
3/8" drive
code 720191



FREEWHEEL REMOVER
Suntour 4-notch
3/8" drive
code 720192



FREEWHEEL REMOVER
4/5/6-speed Atom-Mailard-Regina-Suntour
3/8" drive
code 720190



T-HANDLE
165 mm, 3/8" drive
code 720555



FREEWHEEL REMOVER
for BMX,
axle diameter 10 mm
24 mm drive
code 720171



hexagon drive



CASSETTE TOOL
Campagnolo 8,9,10-speed
24 mm drive
code 720084



VE 1&10



CASSETTE TOOL
SHIMANO Hyperglide
24 mm drive
code 720071



VE 1&10



CASSETTE TOOL
Sachs and screw-on-freewheels
24 mm drive
code 720073



VE 1&10



FREEWHEEL REMOVER
Suntour 4-notch
24 mm drive
code 720083



VE 1&10



SACHS FREEWHEEL REMOVER
4/5/6-speed, Atom, Mailard,
Regina, Suntour
23 mm drive
code 720069



VE 1&10



VE 1&10



FREEWHEEL REMOVER
for BMX,
axle diameter 16 mm
32 mm drive
code 720170



KNIPEX CUTTER FOR HYDRAULIC TUBES
code 720591



KNIPEX SPARE CUTTER
for 720591
code 720929

KNIPEX SUPER-KNIPS
for ultra-fine cutting work
electronic and fine mechanics
code 720590



KNIPEX CABLE CUTTER
for cables up to M6 outer housing
code 720130



- for medium hard cables and wires
- cutters hardness 62 HRC
- cuts free of burrs
- special blade geometry prevents the wire rope fanning out
- with opening spring and locking lever
- cutting edges additionally induction hardened
- cuts outer casings up to 6 mm diameter

KNIPEX HIGH LEVERAGE DIAGONAL CUTTER
length 180 mm
2,2 - 3,8 mm
code 720587



KNIPEX HIGH LEVERAGE DIAGONAL CUTTER
length 250 mm
code 720188



KNIPEX "COBOLT" COMPACT BOLT CUTTERS
exceptional cutting performance with minimum effort
3,6 - 6,0 mm
code 720586



KNIPEX BOLT CUTTER
code 720589



LINEMAN'S PLIERS

straight, 180 mm, 2 component handles
code 720500



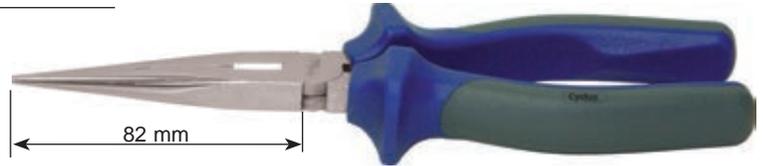
Pack. 1&10

**LONG NOSE PLIERS**

straight, 200 mm, 2 component handles
code 720501



Pack. 1&10

**LONG NOSE PLIERS**

bent, 200 mm, 2 component handles
code 720502



Pack. 1&10

**PLIERS FOR EXTERNAL CIRCLIPS**

straight, 190 mm, 2 component handles
code 720503



Pack. 1&10

**PLIERS FOR INTERNAL CIRCLIPS**

straight, 185 mm, 2 component handles
code 720504



Pack. 1&10

**MULTIFUNCTIONS PLIER NiCr**

35° bent, 2 component handles
Art.-Nr. 720335



Pack. 1&10

**STRONG PLIER NiCr**

2 component handles
Art.-Nr. 720336



Pack. 1&10

**E-BIKE MULTIFUNCTIONS CUTTER**

2 component handles
Art.-Nr. 720337



Pack. 1&10

**MULTIGRIP PLIERS**

straight, 250 mm, 2 component handles
code 720505



Pack. 1&10





VERNIER CALIPER, DIGITAL
in plastic case,
2 batteries included (one spare)
code 720334



MEASURING TAPE
3.00 m / 10 feet
reverse lock,
automatic tape pull-in
code 720600



VERNIER CALIPER
in plastic case
code 720519



DIE HOLDER, ADJUSTABLE
code 720122 2,0 - 4,5 mm
code 720125 3,2 - 6,3 mm
code 720123 3,5 - 9,0 mm
code 720124 5,6 - 16,0 mm



KNIPEX INSULATION STRIPPER
self-adjusting, capacity 0,2-6,0 mm
black plastic
code 720189



KNIPEX CRIMPING PLIERS
high crimping quality due to precision dies
and integral lock, optimum transmission of
force thanks to toggle lever
code 720328

KNIPEX MULTIGRIP PLIERS 150 MM
pliers and wrench in one
code 720329



KNIPEX MULTIGRIP PLIERS 250 MM
pliers and wrench in one
code 720596

KNIPEX CYCLE PLIERS
for very narrow screw connections
code 720585





UNIVERSAL SCISSORS
code 720333



BOLT PLIERS
for 3-13 mm bolts
for easy assembly works
code 720667



FORCEPS CLAMP
useful help for works
with lighting cables
code 720332



CABLE STRETCHING PLIERS
code 720564



VE 1&10



ADJUSTABLE SPANNER
replaceable pins
code 720563



REPLACEMENT PIN
for adjustable spanner, set of 2 pcs
code 720937



VE 1&10



REAR-STAY-OPENING PLIERS
for easier tire mounting on rear wheel on bikes
with closed chain system
code 720584



PUNCH PLIERS
hole 5 mm
code 720583



REPLACEMENT PIN
Art.-Nr. 720618



★★★★★
Professional

WERA JOKER RATCHETING COMBINATION WRENCH

- high quality chrome-molybdenum steel
- nickel-chrome plated for corrosion protection
- color codes
- holding function of nuts and screws - no dropping
- ratchet mechanism with 80 teeth
- 30° return angle through double hex - no turning of the wrench required
- limit stop for faster and better screwdriving

	SW	length
code 7207138	8 mm	144 mm
code 72071310	10 mm	159 mm
code 72071315	15 mm	200 mm
code 72071317	17 mm	224 mm



Info

Holding function - nuts and screws can not be lost anymore



The right size tool always at hand

- ergonomic handle for fast and safe working
- integrated magazine for 6 bits DIN ISO 1173-D 6,3
- ratchet function, fine-tooth design for minimal return angle
- switchover ring (right, locked, left)
- maximum torque of up to 50 Nm
- 1/4" hexagon chuck with Rapidaptor technology
- chuck-all and single-hand function for rapid bit change
- incl. 6 bits in 25 mm length

WERA KRAFTFORM PISTOL

- bit holder incl. 6 bits
- TORX - TX25 x 25 mm
 - TORX - TX30 x 25 mm
 - hexagon - SW 3,0 x 25 mm
 - hexagon - SW 4,0 x 25 mm
 - hexagon - SW 5,0 x 25 mm
 - hexagon - SW 6,0 x 25 mm
- code 720670





DIGITAL TORQUE WRENCH 15-135 NM

with switch and signalling,
394 mm, 3/8" drive
code 720115



T-HANDLE TORQUE WRENCH
page 33.

TORQUE WRENCH 5-25 NM

with switch and signalling,
300 mm, 3/8" drive
code 720116



Info

Most parts manufacturers recommend to apply a particular torque moment (Nm) on screw connections in a high-end bike. Otherwise guarantee cases could be a problem. To screw with exact torque moments, Cyclus Tools® offers two high quality torque wrenches with two different torque scales.

REVERSIBLE RATCHET

with switcher, 195 mm
3/8" drive
code 720545



T-HANDLE

165 mm, 3/8" drive
code 720555



INTERCHANGEABLE BLADE
3/8" DRIVE
page 33.



EXTENSION BAR
125 mm, 3/8" drive
code 720554



HEXAGON SOCKET
3/8" drive
code 720553 4 mm
code 720552 5 mm
code 720551 6 mm
code 720539 8 mm



TORX SOCKET
3/8" drive
code 720546 TX 10
code 720547 TX 15
code 720548 TX 20
code 720549 TX 25
code 720550 TX 30



Set
COMBINATION WRENCH SET
8 wrenches (8-27 mm)
code 720599



COMBINATION WRENCH

Chrom / Vanadium	SW	total length
code 7205708	8 mm	119 mm
code 7205710	10 mm	128 mm
code 7205713	13 mm	150 mm
code 7205714	14 mm	160 mm
code 7205715	15 mm	170 mm
code 7205716	16 mm	180 mm
code 7205717	17 mm	190 mm
code 7205727	27 mm	292 mm





FLAT SCREWDRIVER
TWIN Plast, black tip
code 720510 3 x 80
code 720511 4 x 100
code 720512 5,5 x 125
code 720513 6,5 x 250



SCREWDRIVER PHILLIPS
TWIN Plast, black tip
code 720520 0 x 60
code 720521 1 x 100
code 720522 2 x 125



SCREWDRIVER TX
TWIN Plast, black tip
code 720525 6 x 50
code 720526 8 x 60
code 720527 10 x 80
code 720528 15 x 80
code 720529 20 x 100
code 720530 25 x 100
code 720531 30 x 115



NUTDRIVER
code 720633 5,5 x 125
code 720634 8 x 125
code 720635 10 x 125



HEXAGON Y
code 720630 2 / 2,5 / 3 mm
code 720631 4 / 5 / 6 mm



SCREWDRIVER TX 25
with T-handle
code 720533 lenght. 120 mm
code 720523 lenght. **300 mm**

TORX Y- WRENCH - T25 / T30 / T40
code 720632

SCREWDRIVER TX 30
with T-Griff, lenght. 120 mm
code 720534



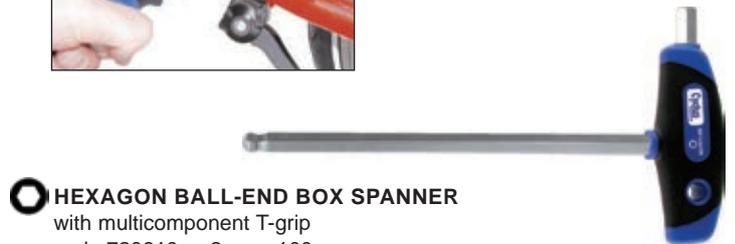
HEXAGON BALL-END WRENCH
code 720620 2 mm, 100x16
code 720621 2,5 mm, 110x18
code 720622 3 mm, 125x20
code 720623 4 mm, 140x25
code 720624 5 mm, 160x28
code 720625 6 mm, 180x32
code 720626 8 mm, 200x36
code 720627 10 mm, 225x40



HEXAGON WRENCH
with plastic handle
code 720580 6 mm, 6x110
code 720565 8 mm, 8x130
code 720581 10 mm, 10x150



HEXAGON BOX SPANNER
with multicomponent T-grip
code 720593 3 mm, 250 mm
code 720556 4 mm, 150 mm
code 720557 5 mm, 150 mm



HEXAGON BALL-END BOX SPANNER
with multicomponent T-grip
code 720610 2 mm, 100 mm
code 720611 2,5 mm, 100 mm
code 720612 3 mm, 100 mm
code 720613 4 mm, 150 mm
code 720614 5 mm, 150 mm
code 720615 6 mm, 200 mm
code 720616 8 mm, 200 mm
code 720617 10 mm, 200 mm

to apply on suspension forks
code 720538 5 mm, **350 mm**
code 720558 6 mm, **350 mm**



FILE

plastic handle, 250 mm

-  code 720540
-  code 720544
-  code 720542
-  code 720541
-  code 720543



LOCKSMITH'S HAMMER 400 g

ash wood handle 280 mm
code 720506



LOCKSMITH'S HAMMER 200 g

ash wood handle 255 mm
code 720507



ANTI REBOUND HAMMER 650 g

35x120x250 mm
replaceable plastic heads
code 720925



RUBBER MALLET 410 g

ash wood handle 280 mm
code 720508



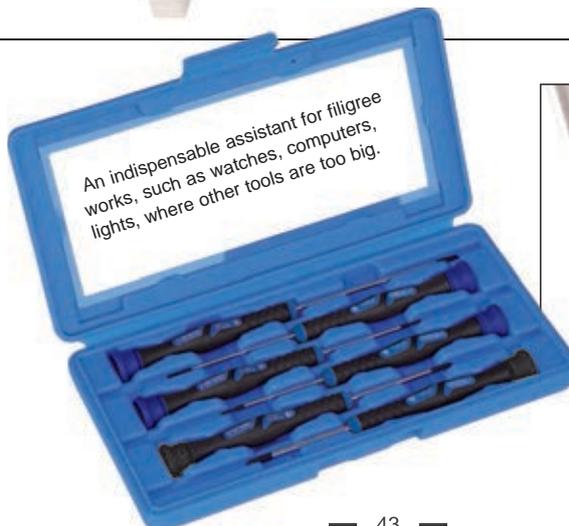
ZAMMER

half hammer, half pliers
That's not all! Use it to open a bottle,
drive screws, crack nuts etc.
Best tool for your hobby.
code 720338



SET OF SCREWDRIVERS

for precision mechanics
4x flat
2x phillips
code 720532





BRUSH
tapered multi-purpose
code 290127



BRUSH
frame tube and tire cleaning
code 290126



CLEANING BRUSH
wooden grip, metal sleeve
to clean bb cups, bearings, small parts etc.
code 290601



WIRE BRUSH
1-row, for cleaning and derusting
code 720121



BRUSH
130 x 25 mm
code 290130



CLEANING BRUSH
round, wooden grip, length 340 mm
to clean seat tube and bottom bracket
housing
code 290110



BIKE CLEANER
500 ml spray gun
code 710024

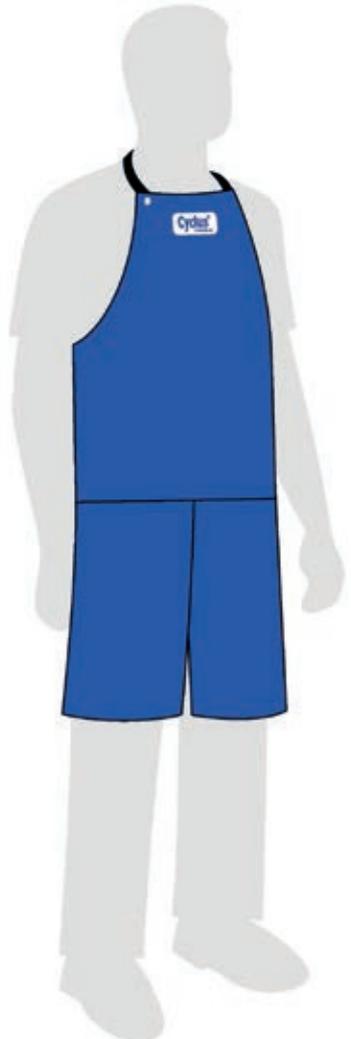


qty 50

CLEANSING WIPE
12 x 20 cm
code 292500



BIKE CLEANER
5l can
code 710026



WORKSHOP APRON
one size, 100 % Cotton, blue
with mobile phone pocket
code 720562



SAFETY GLASSES
clear, side protection,
high wear comfort
weight: 25 g
code 292569



WORKSHOP GLOVES
box with 12 pairs
size. S(3) M(4) L(5) XL(6) XXL(7)
code 29255+ size number





CHAIN LUBRICANT
400 ml spray
code 710030



DEGREASER
400 ml spray
code 710029



SILICONE OIL
for general oiling,
400 ml spray
code 710031



CHAIN LUBRICANT
50 ml bottle
code 710032

Info

Fast removing of grease,
oil and brake fluid rests just
through spraying.



LUBRICANT "WHITE"
500 g can, with PTFE
code 710023



LUBRICANT "WHITE"
highly effective for ball bearings,
hubs etc. - 100 g Tube
code 710028



ANTI SEIZE LUBRICANT
250 g can, for titanium screws and their
coupling with aluminium / steel / stainless steel
Art.-Nr. 710033



CUTTING OIL 100 ML
in dispenser bottle
code 710012



HAND CLEANER
500 g can
code 710025



High quality cutting and facing tools
need to be cleaned and oiled regularly.
Lower friction reduces the cutting force,
resulting in less wearout, better surface
condition, more accuracy and longer tool
life. The oil also protects from corrosion.



CUTTING OIL 500 ML
code 720127



CLEANING WIPES
box of 80 pcs, 20 x 30 cm
code 292058





TABLE SCALES DIGITAL

- capacity (min/max): 1 - 3000g
- tare function
- power saving, auto power off
- required batteries CR2032 (not included)
- code 720607



HANG SCALES DIGITAL

- capacity (min/max): 20 g -50 kg
- tare function
- power saving, auto power off
- required batteries AAA (not included)
- code 720608



AUTO REWIND AIR HOSE REEL

- hose length 10 m (2 m to compressor)
- nominal pressure max. 15 bar
- plugin sleeve and quick connector (NW 7,2 mm) incl. wall holder, slewable 180°
- code 720598



AIR BLOW GUN

- code 720927 100 mm tube
- code 720928 330 mm tube



MAGNETIC COLLECTOR

- for small parts, stainless steel, round
- code 720602



SOLDERING IRON 60W

- Art.-Nr.: 720669





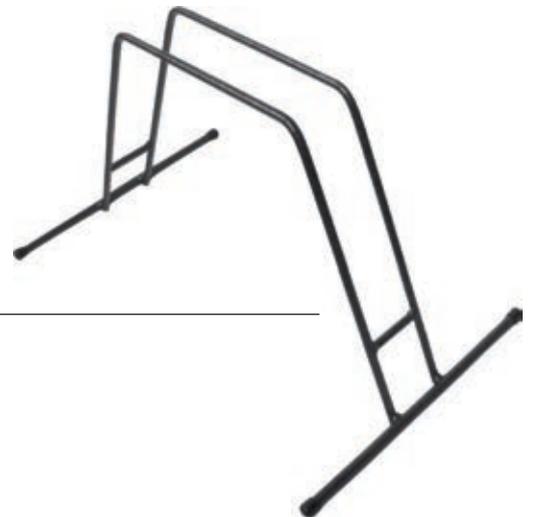
WALL HOOK
e.g. for tires or rims
length: 530 mm
code 290021



WALL BRACKET TO HOLD TOP TUBE
code 290028



WALL BRACKET
to hold up bike at the wheel, black
code 290029



CYCLE STAND, REAR WHEEL, ATB
black, suitable for 29"
code 290020



CYCLE STAND ATB/MTB
black, for 26"-29" (chain stay fitting)
code 290032

BIKE STAND
for all wheel and tire sizes
black plastic
code 290001



Pack. 1&10



BICYCLE STAND DUO
blue/black, mountable on the ground
code 290002



BAR HOLDER
to fix the bar handle during repair
code 290506





"THIRD HAND" HOLDER
mechanic 3 pin-joint holder,
for various works in the workshop
code 720108



- clamping range 20 to 55 mm
- clamp laid with rubber, saves material from scratches
- metered clamp pressure
- fixing all 3 pin-joints with one central turning handle

30N Holding Force

360°

360°

Info

The joint holder is a great help for comfortable working on bicycle parts, e.g. suspension fork, crankset, frame, steerer set. The joints can be rotated 360° in any direction and can be fixed in any position with just one turning handle. The new clamp allows safe grip of round, oval or conical forms.



VICE
jaw width 100 mm
code 720306



PLASTIC VICE JAW PLATES
100 mm, magnetic, pair
magnetisch, 2 Stück
code 720308



ALLOY VICE JAW PLATES
100 mm, magnetic, pair
code 720307



TUBE CUTTER
tube diameter 3-35 mm
Art.-Nr. 720309

- suited for alloy and steel tubes
- 4 guide rolls of stainless steel
- magnesium cast, therefore very light weight and solid
- steel spring spindle
- cutting wheel can be changed quickly, without tools
- spare cutting wheel included in the turn knob
- Noga countersink blade



CYCLUS TOOLS® tube cutter is best for cutting of seat posts, handle bars and other tubes. The cutting is done quickly and clean. There is no need to fix the workpiece. The cutting is done by rotating the tool around the workpiece (e.g. fork shaft) and adjusting of the cutting wheel. Eventual burrs can be eliminated with the integrated noga blade.





WORKSHOP REPAIR STAND

for wheels sizes up to 29inch
incl. plastic adapters
code 290007



PLASTIC HOLDER

for workshop repair stand 290007
code 290033



PLASTIC ADAPTER
single



A short
code 290011



B short, slotted
code 290012



C long
code 290013



D long, slotted
code 290014



E
code 290016



F
code 290015



REPAIR STAND SPINDLE SET

incl. all adapters
code 729998

The bike is fixed in the stand, so all repair works can be done easily

- all cables lay open and easy to reach
- wheels are rotatable
- the paint of the frame is not damaged
- bike position is adjustable
- bike is fixed firmly

PVC FLOOR TILE

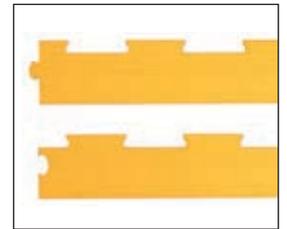
430 x 430 x 7, black, 1 piece
for workshop and store,
high quality plastic
(possible other colors)
code 730007



protects the floor

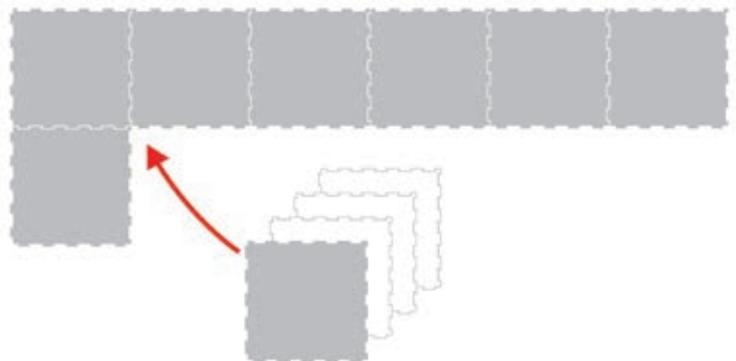
PVC FINISH

for floor tile, 125 cm, 1 piece
easy and quick montage
code 730008A **Typ A**
code 730008B **Typ B**



TOOL TROLLEY

with 5 lockable drawers
code 720560



Info

PVC workshop floor tiles offer:

- easy and fast installation
- anti slide, even if wet or dusty
- shock-absorbing, joint-friendly
- material-friendly, no damage on falling tools
- noise dampening, thermal insulating
- fire class: C



The modular **Workshop System**

★★★★★
Professional



Ingo's tip
It can be annoying, if you need a particular tool and just in this moment you can not find it. You lose time and the work will get unprofitable. How much footway gets lost, when the working place is not set up for optimal functionality and ergonomics? What can be done to make a workshop profitable? The modular workshop system from Cyclus Tools® gives answers to those questions about space saving, functionality, order system.

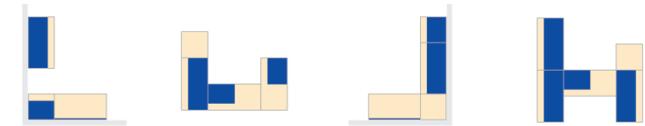
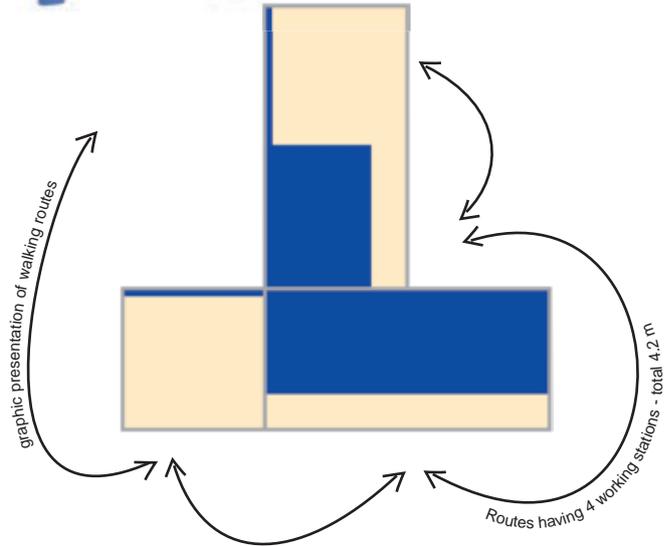
The work bench is perfect to complete a professional workshop. The wooden panel of 40 mm thickness allows to work firmly.

Standard dimensions of 750x750 permits a lot of settings possibilities



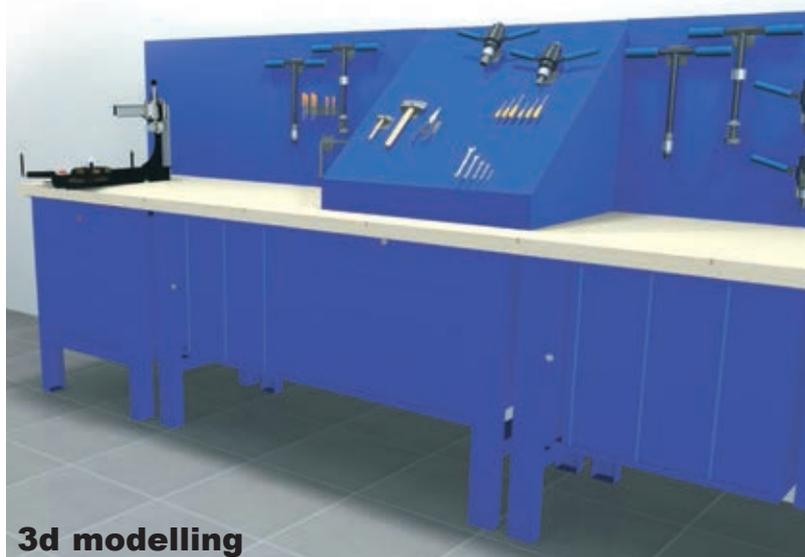
Make your workshop profitable!

- modular construction system allows many configurations
- sophisticated storing solutions
- tidy workshop makes good impression on customers
- one tool panel is reachable from several working stations
- different hooks and holders
- short routes save working time



Configuration example for 2-4 working stations with short routes.

The workshop system of Cyclus Tools® is especially tuned to the needs of a bicycle workshop. Efficiency through optimized walking routes and clarity leads your workshop to success. For a better demonstration, we are able to prepare a realistic visualization of your future workshop, using 3d modelling software.



3d modelling

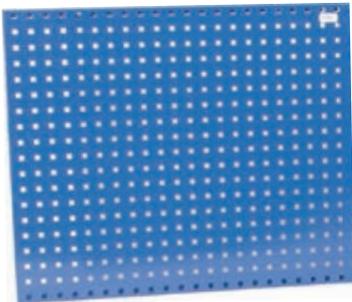


WORK BENCH BASIC
1500x750x895
excl. cabinet & accessories
code 720640

A lot of store space!



WORK TABLE
750x750x895
excl. cabinet & accessories
code 720641



HOLED WAND
for work table and work bench
height 600 mm
code 720643



FILING BOX FOR WALL STAND
750x100x100
code 720666



CABLE AND OUTER CASING PLATE
for diagonal stand
code 720665



BEARER
to fix wall stand on work bench
or on work table
code 720647

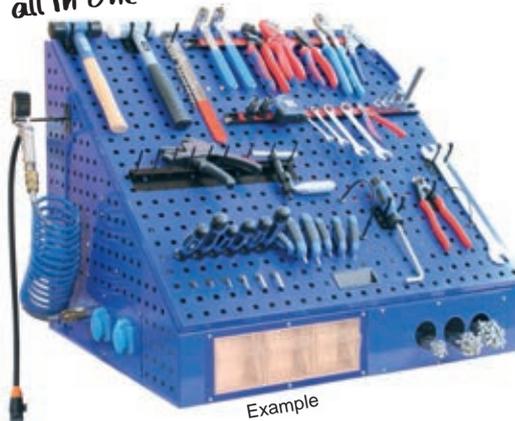


**COMPRESSED AIR AND POWER
SUPPLY CONNECTION PLATE**
for diagonal stand
code 720664



DIAGONAL STAND
for work bench or on work table
code 720644

*electricity & compressed
all in one*



Example



TIP BOX
for diagonal stand
code 720663



CABINET
with 4 drawers
code 720645



CABINET
with 3 vertical drawers
code 720646



CABINET WITH INTEGRATED WASHTUB
incl. pump and brush and 2 drawers
(The used cleaning fluid must have danger class A3)
code 720662





HOOK 50 MM
code 720649



HOOK 100 MM
code 720651



DOUBLE HOOK 50 MM
code 720650



DOUBLE HOOK 100 MM
code 720652



ROUND CAN HOLDER
code 720653



PLIERS HOLDER
code 720660



DRILL HOLDER
code 720659



HOLDER FOR SCREW DRIVERS
code 720657



HOLDER FOR SMALL PARTS
code 720656



HOLDER FOR RING SPANNER
code 720655



All holder are fixed in the stand with a plastic pin.



SPOKES HOLDER
for wall stand (code 720643)
including cup
code 720654



HOLDER
for combination wrenches
code 720658



MAGNETIC CLAMP
to fix tools
code 720661



Screw overview

I = internal hexagon
TX = torx
HX = hexagon



High variety of different screw joints makes one losing track of it. We have summarized screw types, which you can often find on a bike. This overview is only an orientation and naturally never complete. Here you see, which tools are absolutely necessary for your workshop. For that we offer professional tools with torque function in pocket size.

Screws rear carrier: I = 4
Screws mud guards: HX = 8
further screws/nuts: HX = 5 / 6 / 8 / 10 / 13 / 15



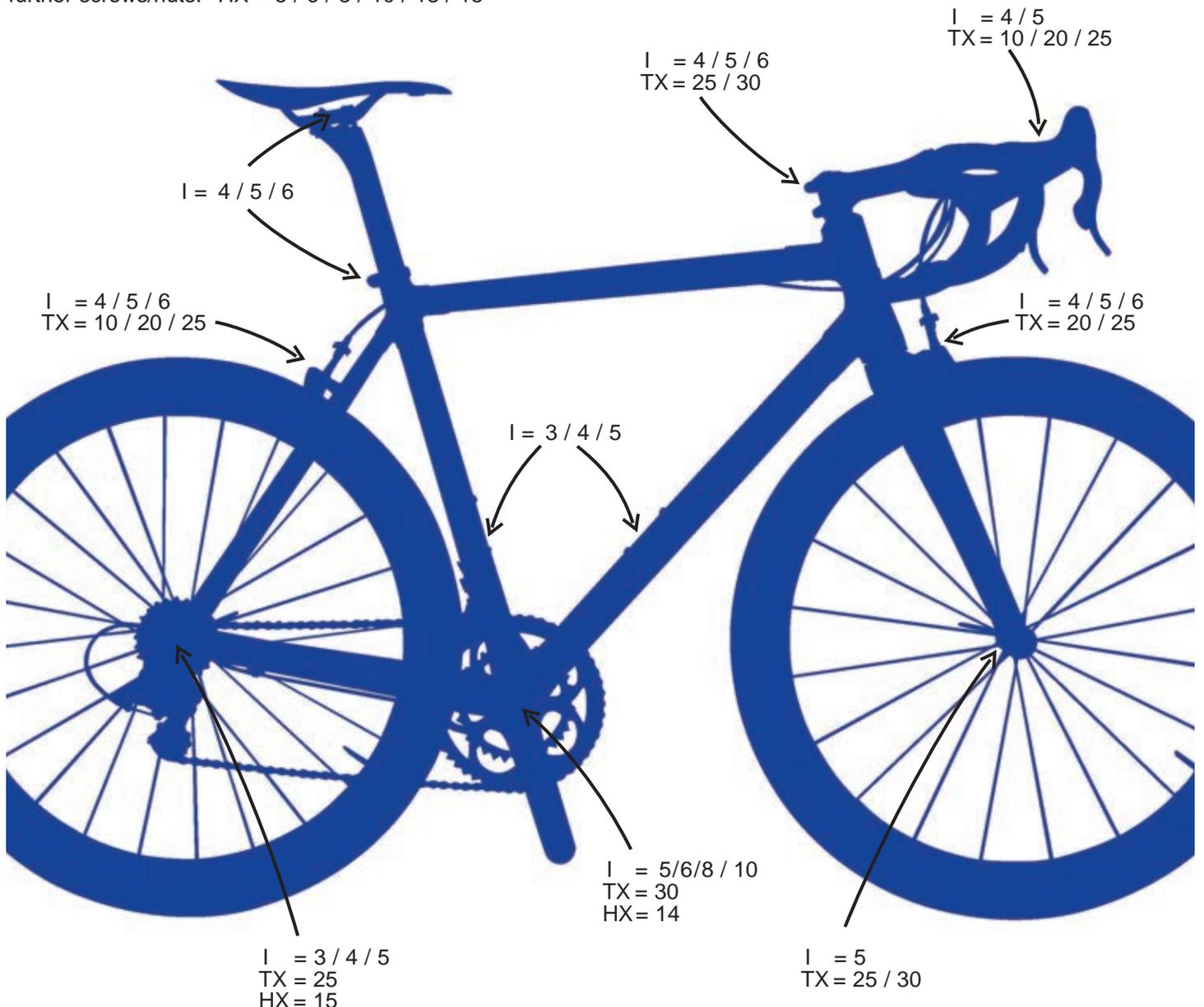
T-HANDLE WITH TORQUE
for interchangeable blades
code 720700
page 33



WERA KRAFTFORM PISTOL
ratchet wrench incl. 6 bits
code 720670
page 40



WERA JOKER RATCHET COMBINATION WRENCH
with holding function
code 7207138 8 mm
code 72071310 10 mm
code 72071315 15 mm
code 72071317 17 mm
page 40



Sales: +49 36203 614 - 44
Ralf Falk +49 36203 614 - 43
Uwe Hochfeld +49 36203 614 - 40
Alexander Wolf +49 36203 614 - 45
Torsten Nitsche +49 36203 614 - 31
Nikita Pevtsov +49 36203 614 - 48

Export:
Paul Strauch +49 36203 614 - 33

**Online-Shop &
new customer support:**
Torsten Nitsche +49 36203 614 - 31

Sales Reps:
Friedhelm Metternich (PLZ 4) mobil +49 178 780 03 24
Herr Ziegler (PLZ 6,55,35) mobil +49 172 522 22 46
Peter Grasser (AT) mobil +43 664 342 96 14

Switch Board: +49 36203 614 - 0

Despatch: +49 36203 614 - 42

Fax: +49 36 203 50 227
e-mail: service@ra-co.de

Take a look at our online shop!

www.ra-co.de
shop.ra-co.com

RA-CO team looks forward to a successful cooperation with you!

It is open 24 hours and offers extended informations to all our distributed products.
You will find availability of all products, actual offers, promotions and useful technical tips!

RA-CO GmbH (valid from 2016-01-01)

1. General

The following business terms and conditions are accepted by the buyer upon award of contract. They are valid for the present and any further business collaboration, regardless of the way of order placing. Any other different terms become valid only by our written confirmation. The same refers to verbal additions, changes or supplementary agreements. Texts and pictures in catalogues, offers or digital media are meant to be an approximate description of a product. Changes, mistakes or print errors are excepted.

2. Offers and Conclusion of a Contract

Our offers are always without obligation. An order is accepted only through a written order confirmation. The buyer is bound to his order during 14 days. The delivery contract takes place, if the order is writtenly confirmed or executed within 14 days. If no other agreement exists, ordered but not delivered items will be taken in backorder and delivered free of transport cost, when available.

3. Lead Time

Lead times are without obligation, partial deliveries are explicitly allowed. We are obliged to deliver ordered goods only, if our supplier are able to supply us with their goods. If any supply barriers exist, we reserve the right to completely or partially cancel our delivery obligation. Buyer's claims for losses are excluded.

4. Shipping Terms

The transport always occurs at the expense and risk of the receiver. The same applies to Carriage Paid To and FOB shipments. Additional costs for Express shipments will be fully forwarded to the buyer. For goods shipments outside of Germany special agreements need to be made. Each reception of the goods must be confirmed to the carrier. Please note all recognizable damages on the carrier's consignment note immediately and call the carrier to file a claim. If a package arrives in a damaged condition, claims for missing parts can not be lodged to us, but to the corresponding carrier directly.

5. Prices and Payment Terms

All shown prices are net prices in Euro, Ex-Works warehouse Erfurt. Costs for packaging material are not included. Prices are subjects to confirmation and without obligation. The corresponding value-added tax is extra calculated and shown on the invoice. The buyer accepts price increases without prior notice. We are allowed to make corrections, if calculation mistakes happen. The buyer can apply for discount on cash payment only, if all previous invoices are paid. Accounts not paid as specified are subject to a delay charge. We will send a reminding letter with costs, which postpones the payment date for another 10 days. After this second payment date is crossed, there will be an additional charge for the delay. At the same time legal proceedings will be initiated. Claims for further losses are excepted.

6. Retention of Title

All delivered goods stay in our ownership until all pretensions against the buyer are completely settled. Also in case of resale or further processing of the goods through the buyer, the delivered goods will belong to our company. Hereby the customer assigns his trade receivables resulting from resale of our goods. The buyer is obliged to release the names of his customers, to whom our goods were delivered. The assignment of receivables through the buyer will be accepted by us.

7. Returns and Liability for Defects

Possible complaints are to indicate in written form within 8 days after receipt of the goods. The invoice number should be always included. Since we do not produce by ourselves, buyer's complaints can be only represented or forwarded through us to the manufacturer. In general, all costs resulting from claim processing must be covered by the buyer. Mounting and packing costs are included. Claims for damage compensation or losses are always excluded. If a claim is justified, the decision will be taken only by us, whether to replace an item or to issue a credit note with corresponding value. Return of not used goods needs to be writtenly approved. In this case there will be a service charge of at least 10% of the goods value. For goods, supplied by us on buyer's special request, returns are strictly excluded.

8. Place of Performance and Judgement

For all claims or legal disputes, resulting from the contractual relationship, the place of performance and judgement is Erfurt. The decisive law on all legal disputes will be the German law.

9. Final Provisions

The inefficacy of one single term does not affect the validness of other terms. Prior terms and conditions are hereby considered as invalid.

RA-CO GmbH Erfurt-Kerspleben, 2016-01-01

2017

RA-CO GmbH

Fichtenweg 37
99098 Erfurt
Germany

Internet: www.cyclus-tools.eu
e-mail: service@ra-co.de