











































 **UNIOR®**

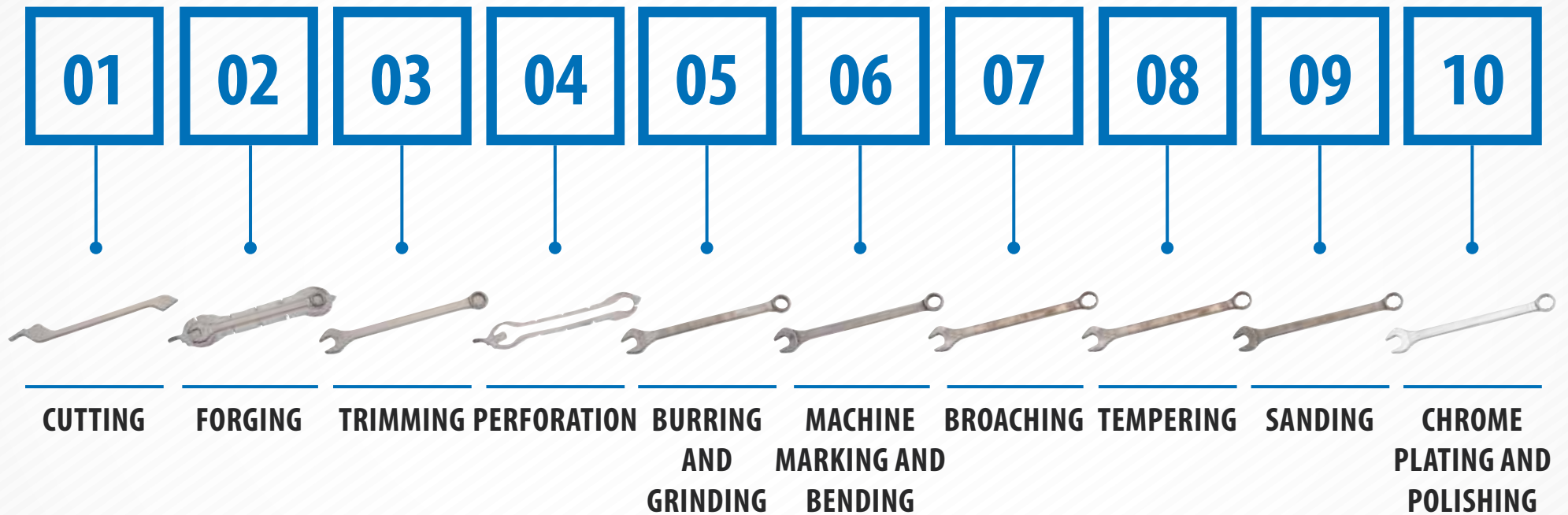


HAND TOOLS



	Wrenches	
	Sockets and accessories	
	Pliers	
	Cable cutting, stripping and crimping tools	
	Insulated tools	
	Plumbing tools	
	Shears	
	Screwdrivers	
	Pullers	
	Hammers, punches and chisels	
	Workshop equipment	
	Pneumatic tools and accessories	
	Measuring tools	
	Tools for electronic	
	Automotive tools	
	Tools for bicycle servicing	
	Vices, clamps, saws, files, wheels, levers, utility knives, . . .	
	Set of tools	
	UNIOR Shop	
	Marketing materials	

WRENCHES



WRENCHES

Long lifespan

The wrenches are made of high quality chrome-vanadium steel with a greater density at the points of the highest pressure, and such dimensioning and manufacture only increase their extreme power and durability.



Innovative design

State-of-the art design makes Unior wrenches guarantee an accurate and efficient transfer of force to screw heads and nuts.

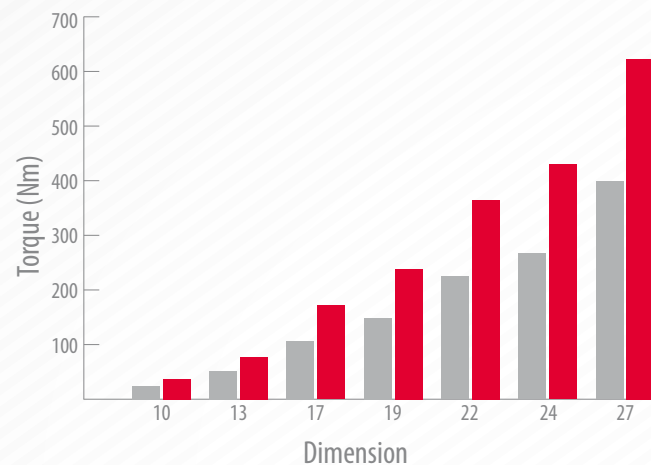


Safety cut

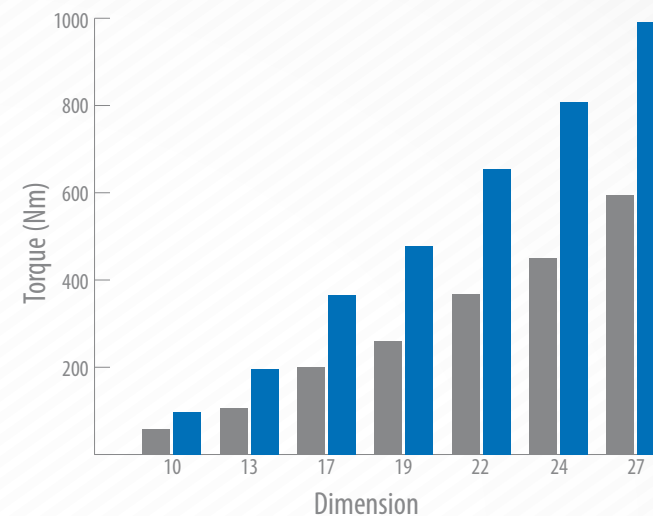
With their special safety cut, the wrenches prevent the damaging of corners and edges of the screws and nuts by distributing the force evenly over the surface away from the outer lines of the nut or screw head instead of directly on the edges.



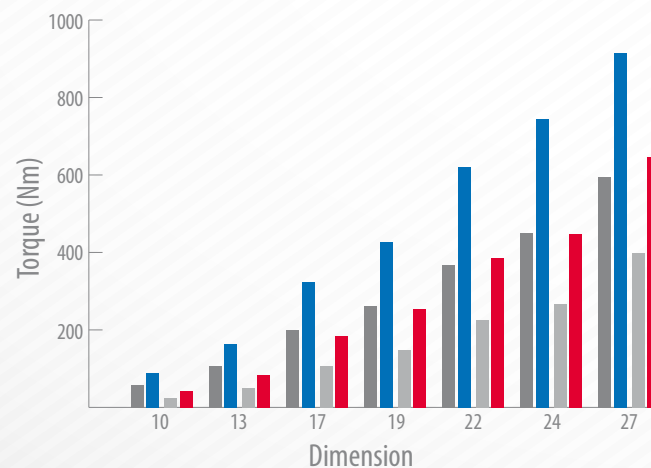
COMPARISON OF TORQUE 110/1 | OPEN END WRENCHES







COMPARISON OF TORQUE 180/1 | RING WRENCHES



COMPARISON OF TORQUE 120/1 | COMBINATION WRENCH, LONG TYPE



-  ISO1711-1(A) ringpart
-  UNIORopenendpart
-  ISO1711-1(C) openendpart
-  UNIORringpart

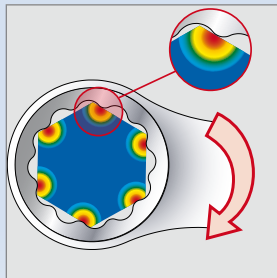
ISOandUNIORinNm



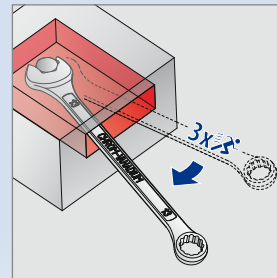
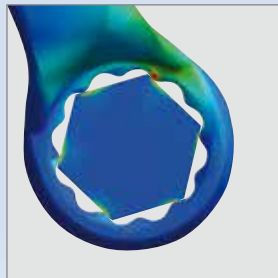
129/1 | COMBINATION WRENCH IBEX

IBEX

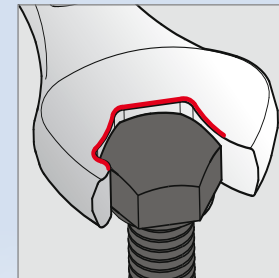
- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- polished head
- ring part with LIFE profile



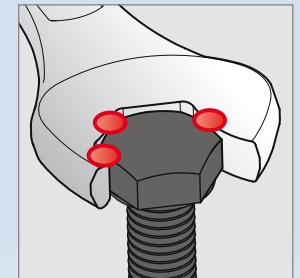
"PROFIL LIFE"



Enables 3-time faster work in comparison to standard combination wrench.

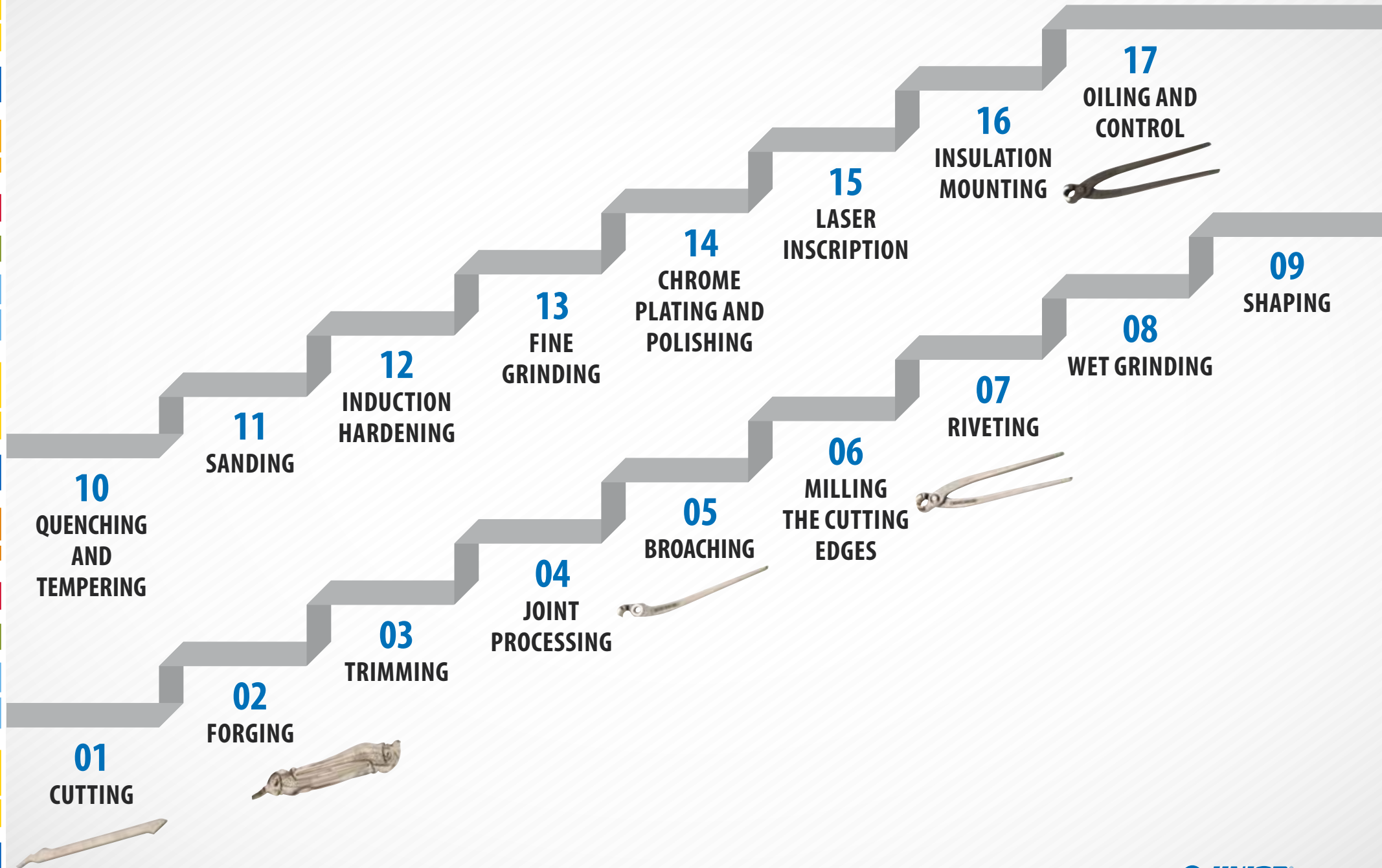


100% positioning of the wrench.



3 drive surface for greater power.

PLIERS



PLIERS



G line

- head surface finish: finely ground
- surface finish: phosphated to standard DIN 12476
- heavy duty plastic handles
- made according to standard ISO 5746



BI line

- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- made according to standard ISO 5746



P line

- head surface finish: finely ground
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- made according to standard ISO 5749

PLIERS

Ergonomic handles

With ergonomic handles and a specially designed grip, surface Unior pliers provide maximum comfort at work and high efficiency with minimum strain.



High precision

With their perfect design and technological superiority, Unior pliers ensure a high precision hold in any instance of general or dedicated use.



Surface protection

The pliers are made of excellent steel with special improved composition. Several models come with additional chrome surface protection.



Flexibility

Completely adapted to particular use, requiring no unnecessary effort!

PLIERS

**combination
pliers and sets**



**diagonal and
end cutters**



**waterpump
and double
groove joint
pliers**



**crimping
pliers and
ring terminals**



**lock ring
pliers**



**tile pincers
and punch
pincers**



grip pliers

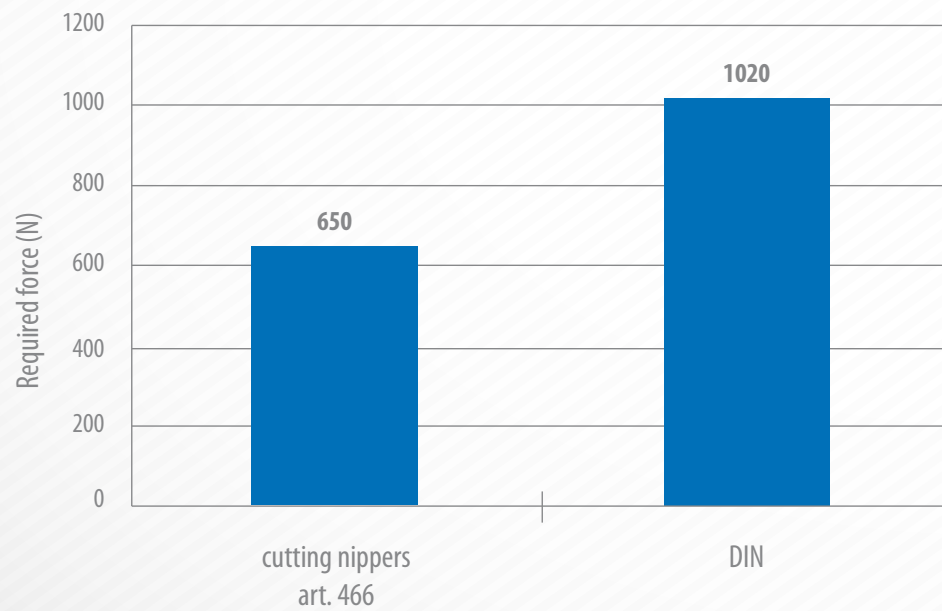


**carpenters
and tower
pincers**

CUTTING NIPPERS



Comparison of wire cutting $\varnothing 2$ 2200 N/mm²



max. 2150 N/mm² $\varnothing \uparrow$

0 - 2,0



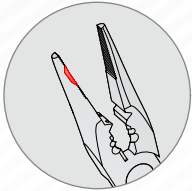
max. 650 N/mm² $\varnothing \uparrow$

0 - 3,5




514/1BI | MULTIFUNCTIONAL ELECTRICIAN'S PLIERS

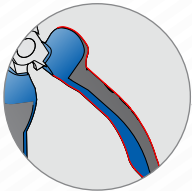
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles



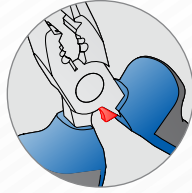
Winding hard wire and bending rings up to Ø 3.5 mm. Rings can be bent to the right or to the left, since the tool has appropriate teeth on both sides of the jaw.



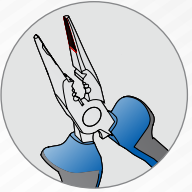
The ground part of the jaw is intended for gripping objects with sensitive surfaces.



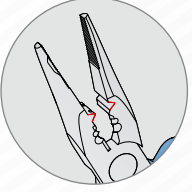
Heavy duty double - component handles.



Crimping cable terminals up to Ø 4.0 mm.



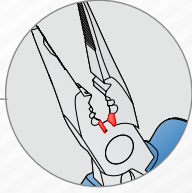
Multi-toothed jaw prevents slipping and enables a better grip of cables, wires etc.



The pliers can be used for crimping insulated spade terminals.



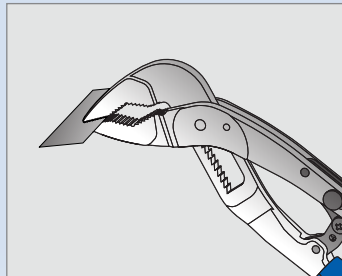
Stripping off insulations from Ø3.5 mm to Ø4.0 mm.



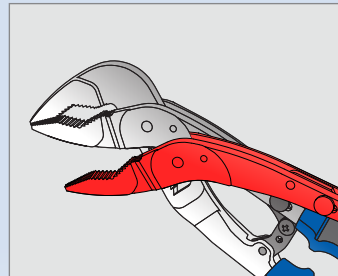
Cutting wires from Ø 2.2 mm to Ø 4.0 mm.

442/1HYPO | VARIABLE JOINT HYPO PLIERS

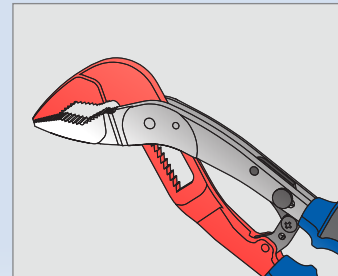
- material: special tool steel
- working surfaces induction hardened
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- drop forged, entirely hardened and tempered



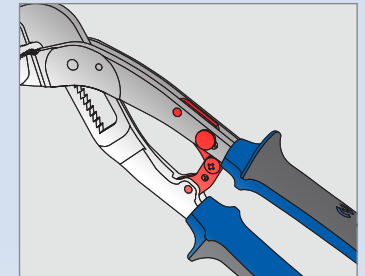
The pliers adapt perfectly to the work piece.



Maximum jaw aperture up to Ø40 mm.



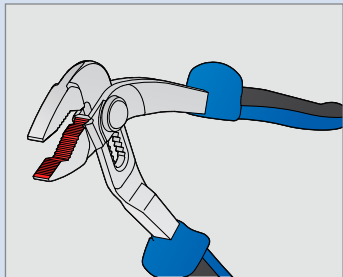
The Hypo pliers are self-adjusting for which it is not necessary to preset the width of the jaws. One hand self adjusting operation.



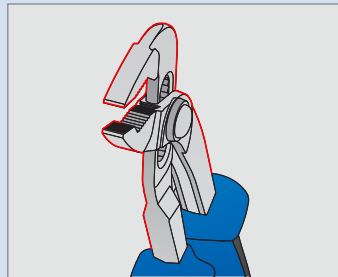
The locking mechanism enables easier storage when the pliers are not in use.

447/1HPP | WATERPUMP PLIERS

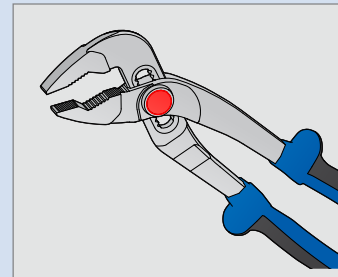
- material: chrome vanadium
- drop forged, entirely hardened and tempered
- working surfaces induction hardened
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles



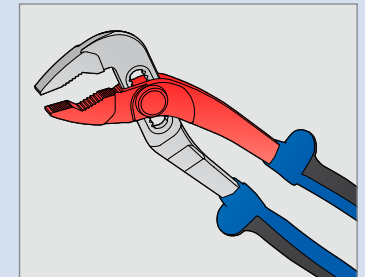
Toothed jaw is designed to ensure optimum grip of an object.



Extreme grip strength: The design and shape of the pliers' jaws enable, despite the slim construction, better grip strength of the work piece, which results in stability, work safety, and greater effectiveness.



The HPP pliers have a button for fast regulation of the jaw's gap which enables fast and precise adaptation of the jaw to the wanted grip of the work piece.



Jaw aperture adjustable in 10 positions.

SOCKETS

01



**COLD FORGING
OF THE SOCKET**

02



**CNC WORKING OF
THE SOCKET**

03



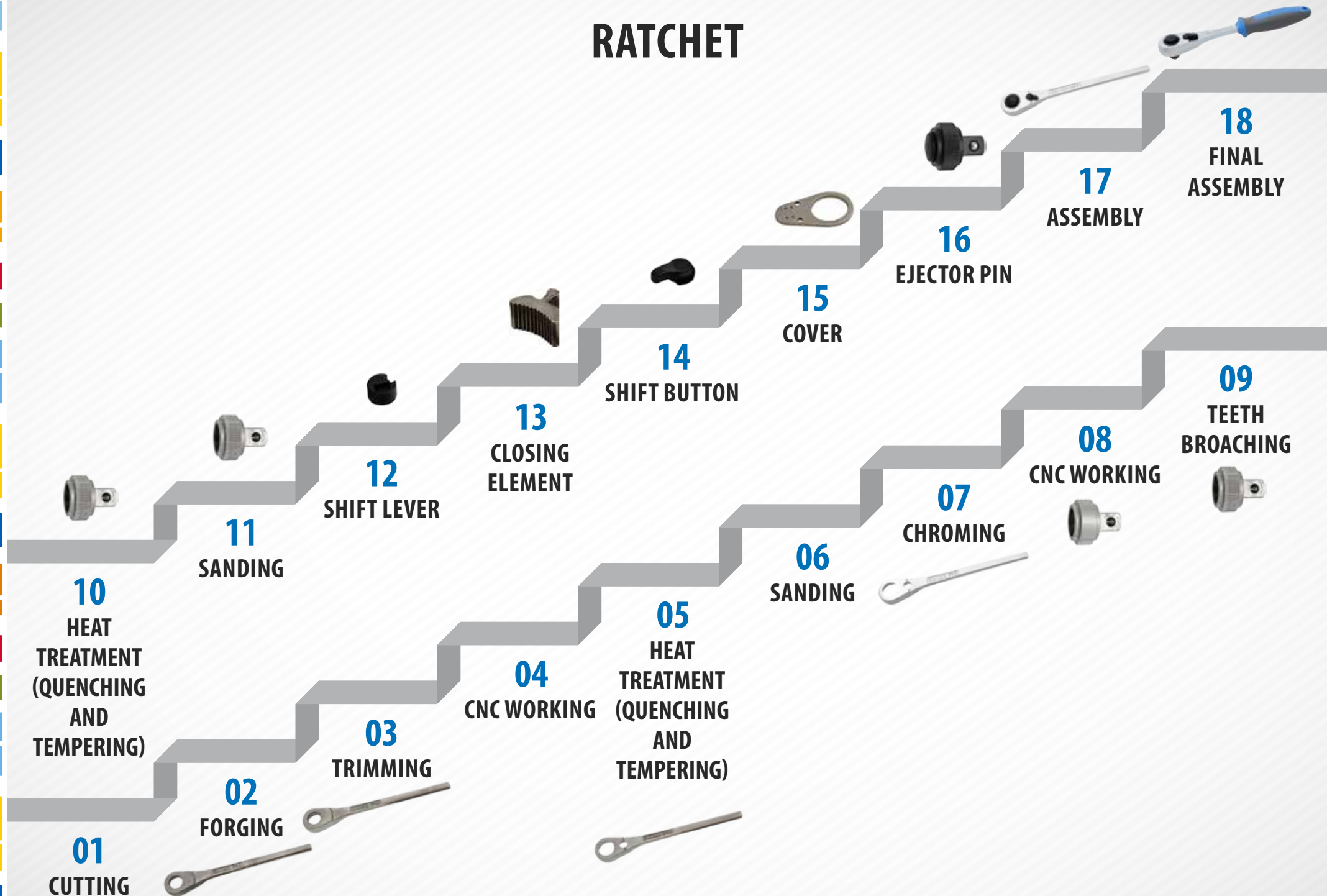
SANDING

04



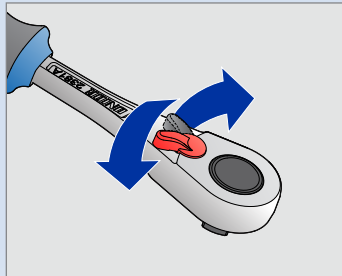
CHROMING

RATCHET

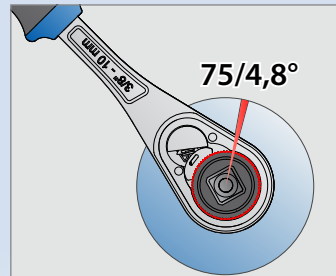


RATCHET

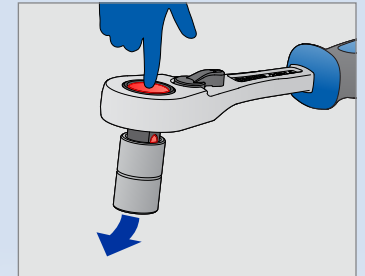
- material: special tool steel
- body drop forged
- entirely hardened and tempered
- ergonomic heavy duty double component handle
- surface finish: chrome plated to standard EN 12540



Ratchet: works both way, screw direction can be changed with button.



75 - teeth. The more teeth, the greater the angle of rotation, which means that it can be used in extremely tight spaces. More teeth and an improved mechanism also result in the ratchet's increased endurance, which exceeds the prescribed DIN standard by more than 30 %.

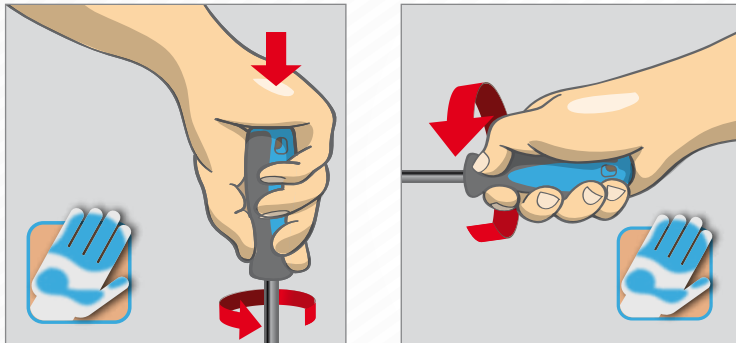


Safety lock system. Locking system prevents the socket slipping off the ratchet.

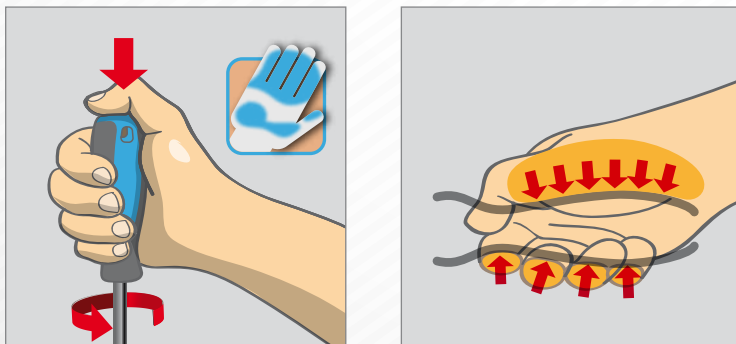
SCREWDRIVERS

ERGONOMIC HANDLE!

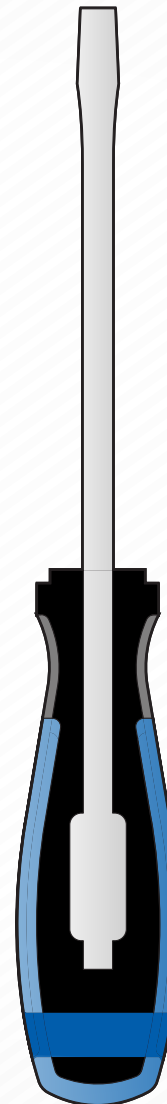
The combination of hard and soft surface improves the load factor and ensures smooth screwing. The handle was developed in such a way that it takes care of the user's health because it reduces the tension of the hand muscle.



Large hand contact area = more torque power



Ergonomic handle design = protecting your hand



HEXAGON
profile

square
part

flat
profile

crosstip
profile, PH

double
crosstip
profile, PZ

TX profile

TX profile
with hole

ZX profile

TXP profile

ribe
profile

VDE LINE

wrenches



sockets



pliers



diagonal and
end cutters



cable shears



strippers



screwdrivers



voltage
tester,
cutters, saw,
pincetes, ...

VDE LINE

1000V
IEC 60900



ORANGE AS A WARNING SIGN



The double plastic protection of the VDE tools ensures double safety, because it enables the recognition of worn out tools in due time. When the tool gets worn out, an orange colour appears (the second protection layer), which is a sign that the tool should be replaced immediately.



Safe tool



Worn out tool –
immediate replacement



VDE BI
LINE

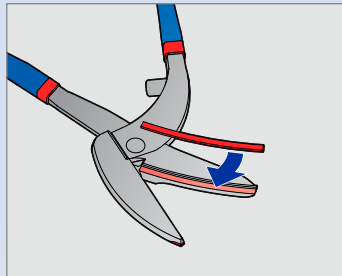
2
DIFFERENT
LINES

DP VDE
LINE

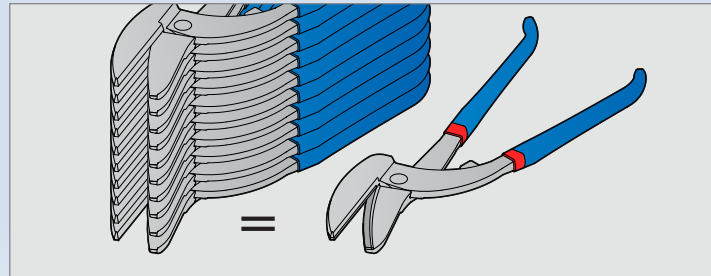


563PLUS | UNIVERSAL TIN SNIPS

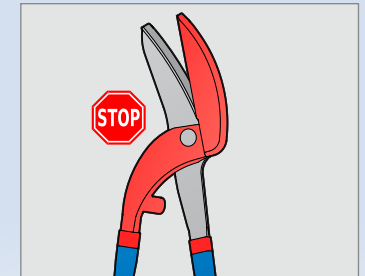
- material: special tool steel
- drop forged
- blades induction hardened
- handles plastic dipped



Inserted blade for longer working life.



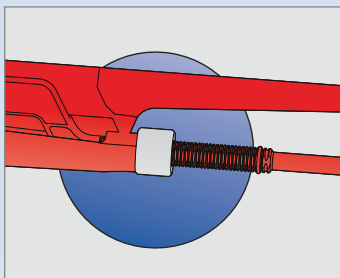
10 times greater durability.



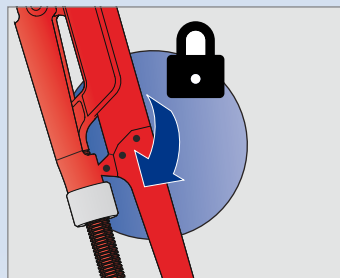
A special bulge prevents fingers to be pressed between the handles of the pliers.

483/6 | GRIP PIPE WRENCH

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- serrated jaws with induction hardened teeth



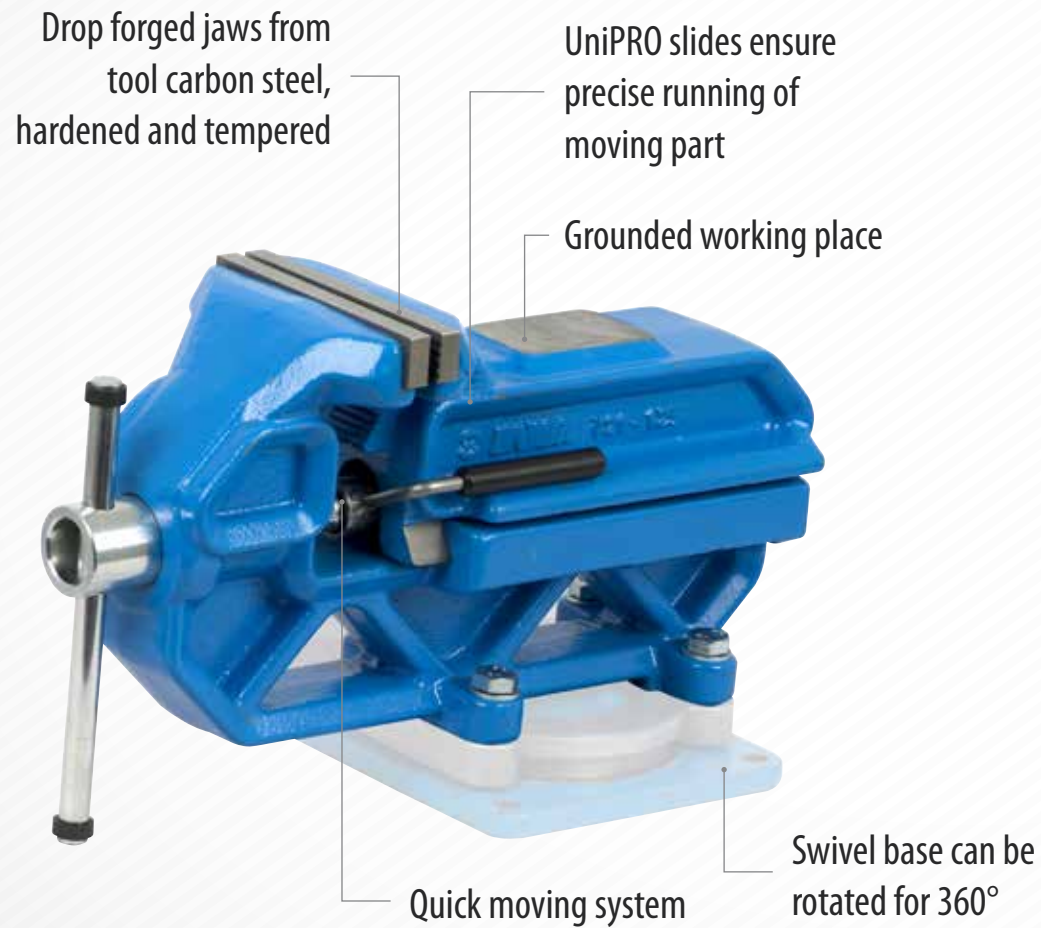
Set the width of the grip by adjusting the pliers using the nut on the handle.



With minimal pressure on the lever on the handle a solid grip will be achieved and the pliers will remain locked in position.

Ø **70**
max.

721Q/6 | QUICK IRONGATOR ENGINEER'S VICE WITH QUICK MOVING SYSTEM



Quick moving system



Swivel base can be rotated for 360°

689/2BI | INNER BEARING PULLER

- special tool steel
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- ergonomic heavy duty double component handle



WORKSHOP EQUIPMENT



EuroPLUS



HERCULES



Workbenches



Modular workbenches



EuroSTYLE



EuroVISION



Tool boxes



Wardrobe cabinets



EuroMASTER



Tool chests



Tool cabinets



Merchandisers

EUROPLUS | EUROVISION



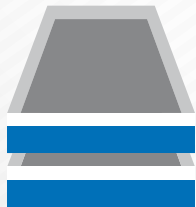
TOOL TRAYS
SOS
providing better overview



static load capacity of carriage
without wheels



static load capacity of carriage
without wheels



8 drawers

(seven dimensions
565x365x70mm, one dimension
565x385x150mm)



7 drawers

(five dimensions
563x365x70mm, two
dimensions 563x410x150mm)

SPECIAL PROGRAMMES

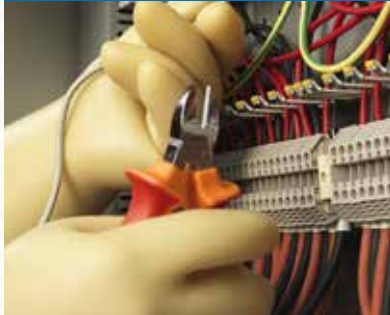
**insulated
tools**



measuring tools



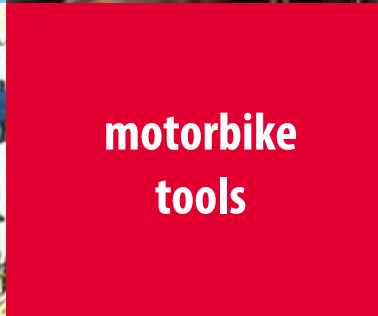
**tools for bicycle
servicing**



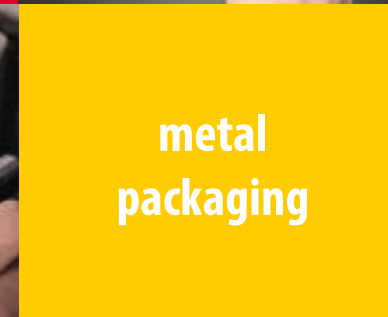
**tools for
the aviation
industry
RFID**



**motorbike
tools**



automotive tools



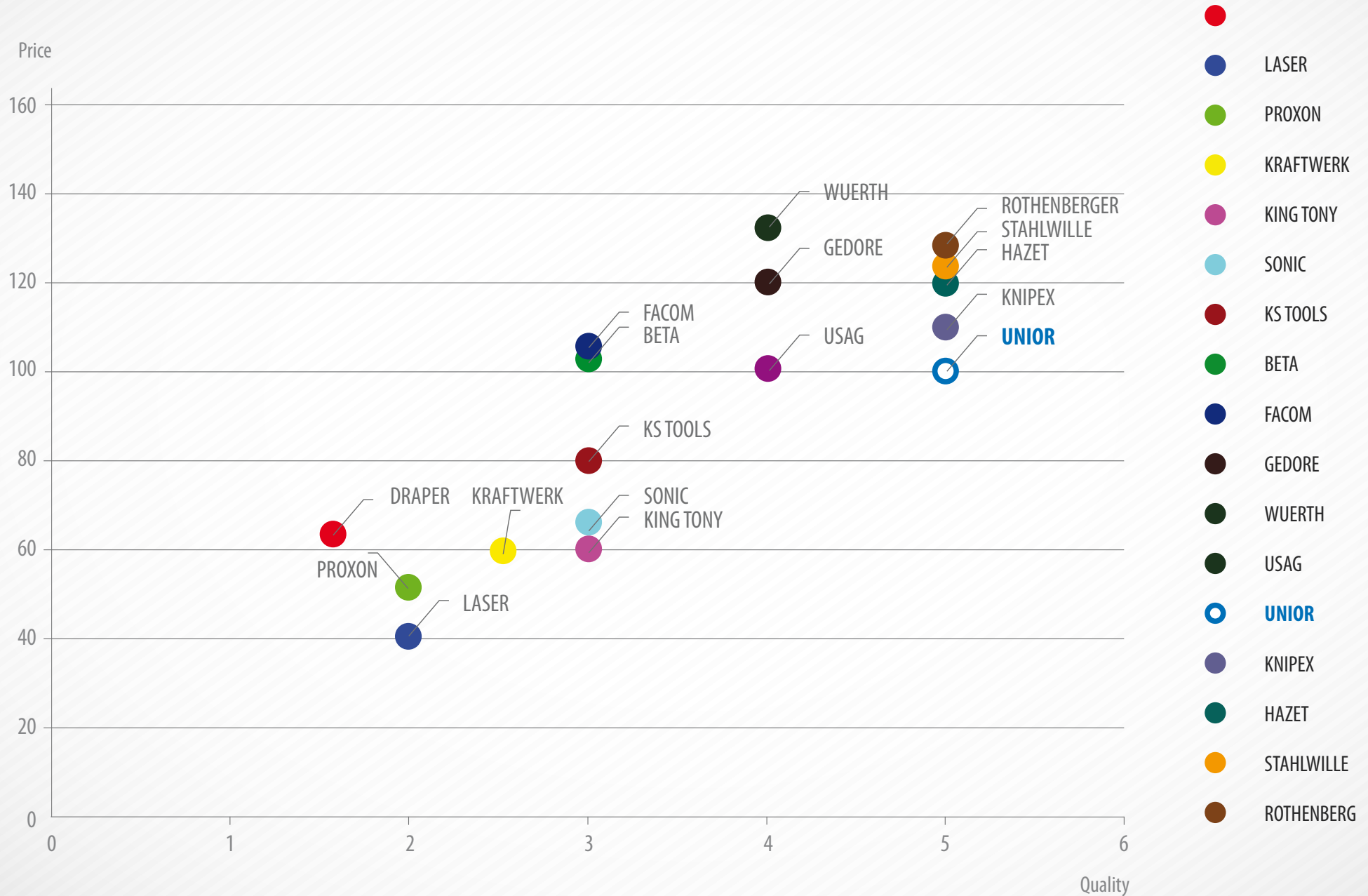
**metal
packaging**



QUALITY STANDARDS



RATIO BETWEEN QUALITY AND PRICE





Thank you!

