

Automotive tools



Bodywork tools



Lubrication and filtration



Maintenance



Suspension and transmission



Wheels, steering and hubs



Ignition and carburation



Engine



Auto Electricity



Surface protection

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



Ergonomic handle

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



High precision

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



Effortless usage

Special, completely adopted to particular use, requiring no unnecessary effort!



1900

Auto body repair tool set



	Nº	
619226	1900	6
1923, 1925, 1927, 1929, 1934, 1936		

1901

Auto body repair tool set



	Nº	
619227	1901	7
1932, 1934, 1936, 1924, 1925, 1926, 1927		

1910

Curved dolly

- material: special tool steel
- head polished: mirror polished



	A1	A2	B	H
619206	80	74	58	70

1911

Anvil dolly

- material: special tool steel
- head polished: mirror polished



	A	B	H
619207	102	72	62

1912

Round peen end dolly

- material: special tool steel
- head polished: mirror polished

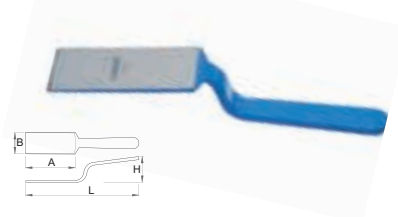


	D	B	H
619208	54	44	425

1913

Light dinging spoon

- material: special tool steel
- head polished: mirror polished



	L	A	B	H
619209	250	110	48	51.5

1914

Double end round dolly

- material: special tool steel
- head polished: mirror polished



	D1	D2	H
619210	56	56	58

1915

Large end dolly

- material: special tool steel
- head polished: mirror polished



	A1	B1	A2	B2	H
619211	90	70	39.9	38.2	125

1916

Flat spoon

- material: special tool steel
- head polished: mirror polished



	L	B	C	H
619212	250	29.5	4	99

1917

Double blade spoon

- material: special tool steel
- head polished: mirror polished



	A	B	H
619213	171	58.5	401

1918

Double blade spoon

- material: special tool steel
- head polished: mirror polished



	A	B	H
619214	179	59	510

1919

Flat spoon

- material: special tool steel
- head polished: mirror polished



	L	B	H
619215	266	51	68.5

1920

Angle dolly

- material: special tool steel
- head polished: mirror polished



	A	B	H
619216	109	59	17

1921

Thin doe dolly

- material: special tool steel
- head polished: mirror polished



619217	A	B	H
	118	55	24

1925

Curved dolly

- material: special tool steel
- head polished: mirror polished



619221	A	B	H
	133	58.5	45

1929

Drip moulding spoon

- material: special tool steel
- head polished: mirror polished



619225	L	B	H
	236	49	70

1922

Grid dolly

- material: special tool steel
- head polished: mirror polished



619218	A	B	H
	122	59.5	30

1926

Heel dolly

- material: special tool steel
- head polished: mirror polished



619222	A	B	H
	79	30	61

1930

Reverse curve hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood

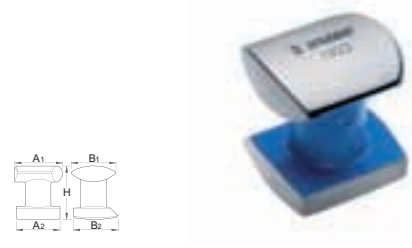


619228	L	A	D	H
	325	27	29.6	106

1923

Double end hand dolly

- material: special tool steel
- head polished: mirror polished



619219	A1	B1	A2	B2	H
	86	61	61	61.5	74.5

1927

Toe dolly

- material: special tool steel
- head polished: mirror polished



619223	A	B	H
	121	58.5	29

1931

Curved pein & finishing hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face: round 40mm

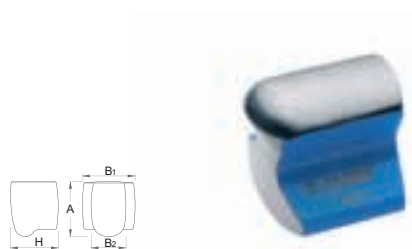


619229	L	A	B	D	H
	325	8	19.6	40	140

1924

Utility dolly

- material: special tool steel
- head polished: mirror polished



619220	A	B1	B2	H
	76	73	48	66

1928

Shrinking dolly

- material: special tool steel
- head polished: mirror polished

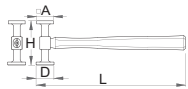


619224	A	B	H
	122	59.5	25.5

1932

Standard bumping hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face round: 40mm, square: 38mm

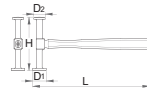


619230	L	A	D	H
	325	38	40	100

1935

Fender & Panel dinging hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face: round 40mm and 32mm

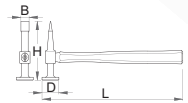


619233	L	D1	D2	H
	326	40	32	155

1933

Straight pein & finishing hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face: round 40mm

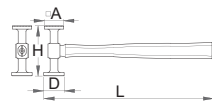
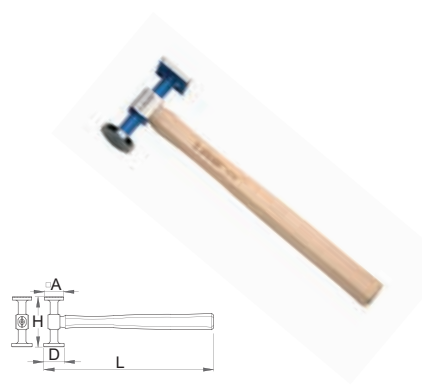


619231	L	A	B	D	H
	325	8	19.6	40	140

1936

Shrinking hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face round: 40mm, square: 38mm
- serrated square striking face

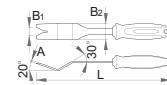


619234	L	A	D	H
	325	38 x 38	40	100

1940.1/2BI

Trim pin remover

- material: special tool steel
- for removing trim pin from 2mm till 15mm
- tip angled ground
- ergonomic heavy duty double component handle
- This tool is used for extracting fastening pins, removing trim and for various upholstery.
- Their ergonomic design allows easy and safe work in various positions and in difficult to reach places without damage to the items being extracted or removed.

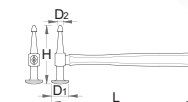


619268	L	B1	B2	A
	230	16.3	28	2.5

1934

Pick & finishing hammer

- material: special tool steel
- head polished: mirror polished
- handle: octagonal shape, hickory wood
- striking face: round 40mm

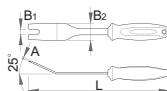


619232	L	D1	D2	H
	325	40	12	138

1940/2BI

Trim pin remover

- material: special tool steel
- for removing trim pin till 8mm
- tip angled ground
- ergonomic heavy duty double component handle
- This tool is used for extracting fastening pins, removing trim and for various upholstery.
- Their ergonomic design allows easy and safe work in various positions and in difficult to reach places without damage to the items being extracted or removed.

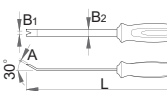


619267	L	B1	B2	A
	230	8.5	28	2.5

1940.2/2BI

Trim pin remover

- material: special tool steel
- for removing trim pin till 4,5mm
- tip angled ground
- ergonomic heavy duty double component handle
- This tool is used for extracting fastening pins, removing trim and for various upholstery.
- Their ergonomic design allows easy and safe work in various positions and in difficult to reach places without damage to the items being extracted or removed.

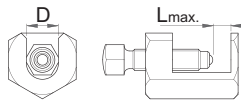


619269	L	B1	B2	A
	230	5	10	2.5

1941/2

Front wind-shield wiper arm remover

- material housing and spindle: carbon tool steel
- for removing front wind shield wiper arms
- for almost all types of cars
- protects plastic on housing off wiper arms
- use with wrench dimension 17
- This tool for the removal of the front windscreen wiper arms has a robust construction and enables the application of greater forces when removing front windscreen wiper arms that have become "glued" to the drive shaft as well as extending the service life of the tool.
- They are used for removing wipers that are elevated above the surface of the car body.
- Working with this tool is straightforward and quick.

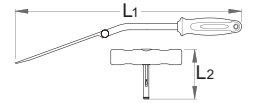


	L \bar{T}	D \bar{T}
619270	32	18

1943/2BI

Windscreen removal set

- material: special tool steel
- for removing front and rear windscreen
- extra long nose of the lever, for better accessibility when removing windcreens
- A set of tools for the removal of glued windscreen glass with the aid of a wire.
- Using the longer tool, make an opening between the car body and the glass, through which you run the wire that is then attached to both tools. Using the «T» shaped tool, pull the wire between the car body and the glass, thus separating them. The tool is made to allow fast and safe work, while its shape ensures that the work is performed without expending excessive energy.

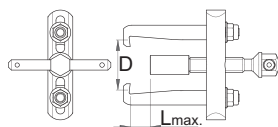


	L1	L2
619272	354	78

1942/2

Rear wind-shield wiper arm remover

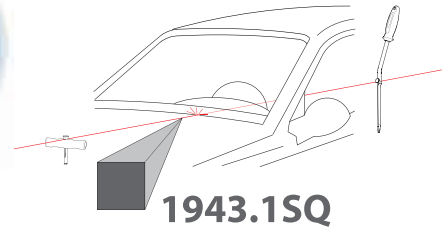
- material jaws: chrome vanadium
- for removing rear wind-shield wiper arms
- special adaptor, for protecting wiper arm hose
- use with wrench dimension 13
- supplied with rod
- This tool for the removal of rear windscreen wipers is designed to enable the simple removal of all types of rear wipers.
- The adapter on the remover spindle is protected during work by the hose that supplies the cleaner fluid. The rod included in the set makes it possible to turn the spindle faster and, if greater removal force is required, to use a 13 mm wrench.
- The construction of the tool ensures its long service life.



	L \bar{T}	D \bar{T}
619271	103	22 - 25

1943.1SQ

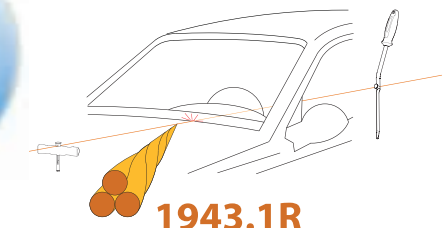
Square steel wire for windscreen removal set



	L (m)
619611	22

1943.1R

Round steel wire for windscreen removal set



	L (m)
619612	22

1943.2/2

Short tool with handle for 1943/2BI

- material: special tool steel
- for removing front and rear windscreen

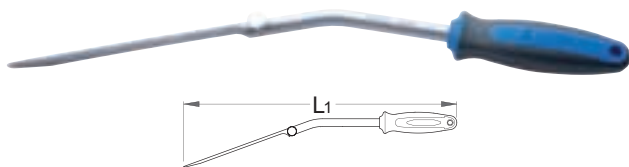


	L2
621405	78

1943.3/2

Longer tool with BI handle for 1943/2BI

- material: special tool steel
- for removing front and rear windscreen
- extra long nose of the lever, for better accessibility when removing windcreens



	L1
621406	354

1944/6

Double suction lifter

- for the transport and positioning of windshields during fitting and removing operations
- two strong suction pads for maximum safety
- durable plastic body
- loading capacity: 75kg
- suction pads can be set to suit flat and curved surfaces
- This lifter is useful when replacing and carrying windshields (they have to be removed to be replaced). The lifter is operated by placing the two suction pads on the windshield and creating vacuum in them by using the handles. The suction pads then securely grip the windshield that is to be removed or installed.

To operate the lifter:

1. Position it on the windshield.
2. Move the handles to create vacuum between the lifter and the windshield.
3. The windshield can be safely removed or installed using the lifter.



619740

1945

Multi-function scraper with blade guard

- plastic material
- blade from high alloy steel
- with blade guard
- This tool is designed for scraping off dirt stuck to various surfaces. Due to its large working surface, the tool scrapes uniformly across the entire surface. It is suitable for removing silicon putty from motor heads, baked-on seals, vignette, etc.



	L	B	a x b
620240	165	70	60.8 x 18.9

1945.1

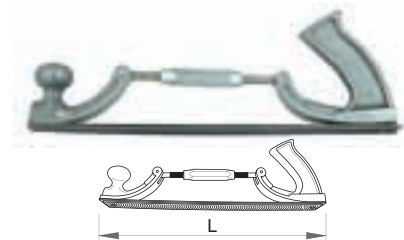
Set of 5 blades for 1945.



621042

1946

File holder



	L
621477	350

1946.1

Spare blade for 1946



	L	B
621478	350	35

1976/2

Adjustable oil-filter wrench

- material gripping arms: carbon tool steel
- removes all type of oil filters from 60 to 120 mm diameter
- arms are ribbed, for better gripping oil filter
- for assembling or disassembling oil filters
- used with ratchet 3/8" and proper extension bar
- As car repair shops usually need to replace various types of oil filters, we have developed a tool that can be used on the majority of standard ones.
- When used, the tool conforms to the filter as tightening it makes it grip the filter. The tool can be used on all filters with diameters ranging from 60 to 120 mm.
- Because of the limited space during changing, the tool is sized and adjusted to require as little space as possible. The hooks are ribbed to allow gripping and which would be difficult to replace with conventional methods.
- The tool works in both directions and thus allows both the tightening and loosening of oil filters, as it adjusts and utilises the effort invested optimally in both cases.

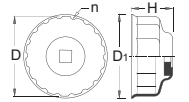


Barcode	Ø ₁	Ø ₂	Hex	H
619257	60	120	3/8"	60

1977/6

Oil-filter wrench

- used with ratchet 3/8" and proper extension bar
- for assembling or disassembling oil filters
- for oil filters in restricted access area
- coated with electro-black oxide finish for rust protection
- This tool comes in as many as 8 sizes, which can be used on the majority of standard car oil filters on the market. Using it is simple as all that is needed is to place the appropriate tool on the filter and rotate it with ease.
- The tool can also be used when fitting oil filters as the design and material have been carefully selected so that the tool can withstand the maximum force applied to it. Because of the surface protection, the tool is highly resistant to scratches and damage as well as to atmospheric and chemical effects.



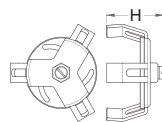
Barcode	D	360°/n	D1	H
620949	27	6	37.5	33.5
620950	32	6	43.5	34.6
620951	36	6	48.4	34.9
619258	66	6	73	37
619259	65	14	70.7	36.8
619260	74	15	81	36
619261	75 - 77	15	81.4	41.8
619262	76	12	82	35
620952	76	14	81.3	37
619263	86	16	96	47.2
619264	86	18	92	39.5
619265	96	18	102	36.8



1978/2

Wrench for reservoir

- material arms: carbon tool steel
- for removing plastic fuel tank nut
- quick gripping of fuel tank nut
- use with socket or wrench dimension 22
- for assembling or disassembling
- This tool has three removable hooks that grip the gas tank cap firmly so it does not move. As access to this cap is usually difficult when making replacements, the tool is constructed so that it requires minimum space.
- Simply place the tool on the cap and rotate in the appropriate direction. The tool adapts to the cap itself and the cap can then be removed very quickly. The replacement of the cap is also straightforward.
- This tool ensures safe work and a long service life.

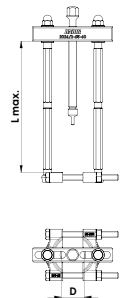


Barcode	D	Df	mm	H
619266	120	155	22	73

2026/2

Separator puller

- The separator puller is a tool designed to efficiently dismount various machine parts attached to shafts.
- It is indispensable for tasks requiring the safe and deformation-free dismantling of firmly fixed machine parts.
- The separator puller consists of a yoke, a spindle, two arms and a gripper assembly, which together allow uniform dismantling.
- Our product range includes three sizes of pullers, used for taking off objects from shafts ranging from Ø5 mm to Ø115 mm.
- The separator puller are designed to allow easy and safe operation
- The separator is made of high quality steel.
- Surface finish of screws: burnished, other parts are chrome-plated



Barcode	D	L
619273	5 - 60	229
619274	12 - 75	234
619275	22 - 115	325

1980

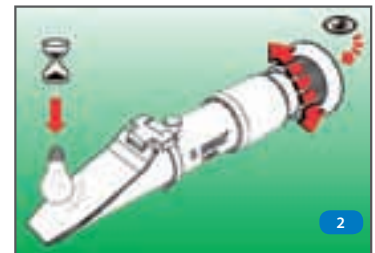
Optical tester in plastic box



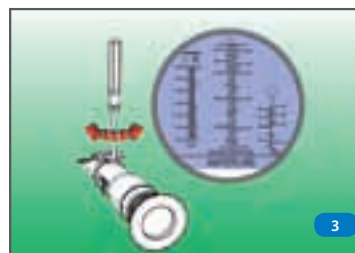
VIEW FINDER SETTINGS



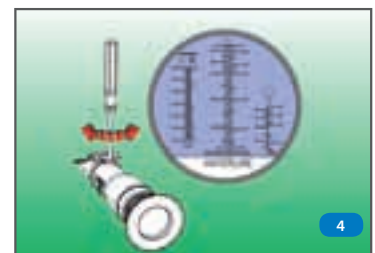
DISTILLED WATER, 2 - 3 DROPS



30 sec., adjust focus



Adjust calibration screw



White area adjusted to zero line

Barcode
621403

2027/2

Hub and wheel drum puller

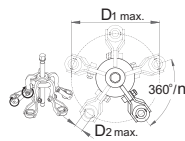
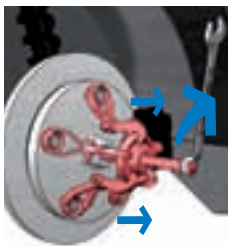
- material hook cups: chrome molybdenum
- with five extractor hooks
- for extracting wheel hubs, up to a hole diameter of 250 mm

Operation:

1. Assemble tool, mount only number of extractor hooks needed
2. Mount extractor hooks to wheel drum
3. Turn spindle to start pulling wheel drum

- This tool is intended for the disassembly of various wheel hubs. It is designed for simple and flexible use. With the extractor hooks supplied, the hubs can be removed with three, four or even five hooks, depending on the type of hub. Because its use is extremely flexible due to the five extractor hooks, the tool is useful for the majority of hub types up to a diameter of 250 mm.
- The tool consists of a spindle, five extractor hooks and forged hook handle. The handle also has an additional notch that prevents the extractor hooks from sliding off the tool during the assembly and disassembly of the hub. The strong construction allows safe and long-term use with high loads.

We recommend that you do not use pneumatic hammers!

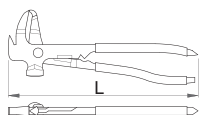
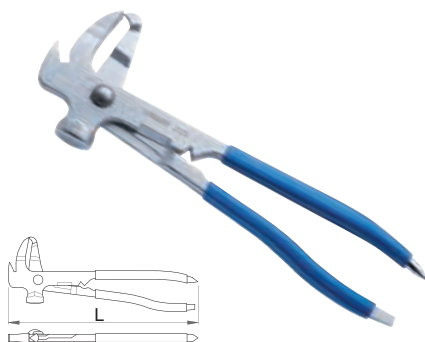
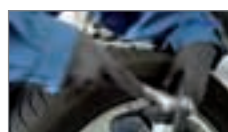


	D1 $\bar{\text{f}}$	D2 $\bar{\text{f}}$		n
619278	250	18.5	24	3 - 5

2028/2P

Wheel balancing pliers

- material: chrome vanadium
- surface finish: chrome plated to standard EN12540
- handles plastic dipped



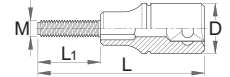
	L
619288	250

2029/2

Socket 1/2" for pulling down the brake drum

1/2"

- material: chrome molybdenum
- screw special carbon tool steel
- for removing brake drum
- two pieces in set
- Since a car's brake drums are often difficult to remove, special tools are required for this task.
- The tool consists of two slip-on bolts, which are first screwed into the brake drum in a symmetrical arrangement.
- By uniformly screwing the bolts in using a ratchet or a wrench, the brake drum is gradually removed.
- Upon removing the brake drum, simply detach and stow the tool.

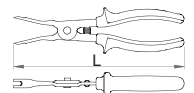


		L	D	L1
619148	M 8	64	22.9	28

2030/2BI

Handbrake wire pliers

- material: special tool steel
- for changing hand brake cable
- heavy duty double - component handles
- jet stamp UNIOR
- Used to attach or detach the brake drum wire cable. Simply use the handbrake wire pliers to quickly tension, attach or detach the brake drum wire cable.

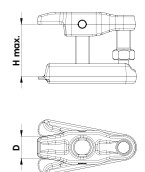


	L
619734	234

2032/2

Ball joint puller

- material: special tool steel
- jaw capacity: 23mm
- maximal height: 53mm
- for extracting ball joints from steering wheel and suspensions
- Tool is primary used for steering wheel ball joints. Tool is fully adjustable to fit ball joint with jaw capacity 23mm.



	D	H $\bar{\text{f}}$
619736	23	53

2033/2

Disc spreader

- material: special tool steel
- master set of adaptors for wide range of vehicle applications
- usable for left handed thread and right handed thread
- with durable plastic bag, with soft foam inserts
- Suitable for: Audi, Fiat, Ford, Nissan, Renault, VW, Citroen, Seat, Mercedes-Benz, Opel.
- The 8 adaptors that come with this tool make it useful for compressing almost all kinds of car brake pistons during brake pad replacement.



How it works:

- Insert the tool into the brake disc shoe and use steady rotating motions to compress and simultaneously rotate the brake piston back into its shoe thus making enough space to replace the brake pads.



619737

L

151

2034/2BI

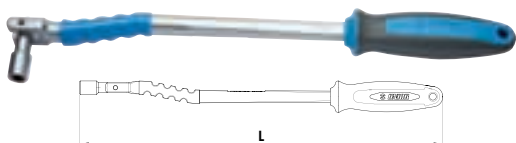
Tool for set tyres valvelets

- material: chrome vanadium
- ergonomic heavy duty double component handle
- jet stamp UNIOR
- for setting tyre Schrader valvelets
- the handle features plastic-coated grooves that prevent sliding and thus any damage to wheel rims. The tool is appropriate for all dimensions of wheel rims.



How it works:

1. Insert the new valvelet into the opening on the wheel rim.
2. Screw the tool on the valvelet.
3. Use the lever to pull the valvelet in the proper position on the wheel rim.



619738

L

325



2035

Brush for cleaning disk brake shoes

- for cleaning brake disc shoes prior to installing new brake linings and other metal engine parts
- extremely narrow design for those hard-to-reach spaces
- Braking causes wear on the brake pads and brake lining material to accumulate in the brake disc shoe - this has to be cleaned when replacing brake pads. The narrow design of this tool allows it to be used to clean brake disc shoes and anything else that might require such cleaning.

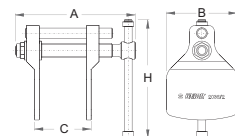


619739

2036/2

Calliper pressing tool

- material: special tool steel
- The compressing tool is used for compressing brake pistons when replacing brake pads. Useful mainly with brake disc shoes that are closed from the front. The tool is useful for compressing single or double brake pistons, mostly on front wheels. It is used to quickly and easily move brake pistons back into the shoe without damaging the piston or the shoe.



620224

A

B

C

H

153

90

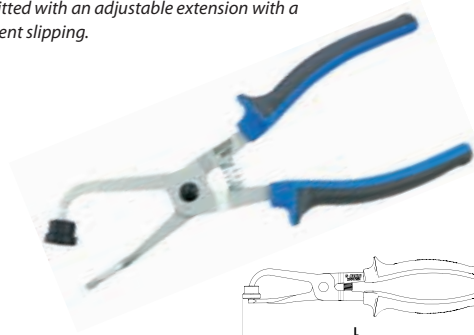
12 - 97

150

2037/2BI

Brake spring pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- loose oil hardened head, phosphated surface finish: chrome plated
- This tool is designed for mounting and dismounting brake shoe springs. Due to its compact dimensions, it allows easier reach to the brake springs than the existing Unior tool Art. 431, which is larger in size and intended for commercial vehicles, trucks and other industrial vehicles. The tool is fitted with an adjustable extension with a grooved face to prevent slipping.



620227

L

244

2038

Inner bearing race puller

- It is used to easily, quickly and cleanly remove inner bearings from the wheel hub. The tool is designed to remove the inner bearing race without the risk of any damage and without needing any additional tools such as files, hammers or cutters. The tool has 4 track bushes which are used to remove bearing races with diameters from Ø40 to Ø60 mm. The track bush clasps the bearing race firmly and thus prevents any kind of slippage. The tool can be used for: Audi, BMW, Ford, Mercedes-Benz, Peugeot, Renault, Toyota, VW etc.
- with 4 jaws; dimension 1 - from Ø40 to Ø45,
- dimension 2 - from Ø45 to Ø50, dimension 3 - from Ø50 to Ø55, dimension 4 - from Ø55 to Ø60

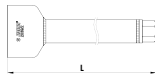


620228

2039/2

Tool for internal joint steering slat

- The tool is used to quickly and easily dismount and mount the inner joint on the steering slat. The tool is pushed through the steering slat towards the joint; by rotating it, the three attachments are adjusted to the joint which is then unscrewed with the use of the S27 wrench. It can be used with diameters from Ø32 ~ 40 mm. The outer diameter of the tool's head is Ø77mm which is suitable for the opening in the bodywork through which the wrench is pushed. The tool's length of 400mm is suitable for all sizes or lengths of steering racks. It is advantageous that the use of the tool does not require the steering rack's nut to be unscrewed beforehand because the inside diameter of the tool is larger than the nut and the tool can be simply pushed through the nut.



620230

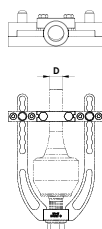
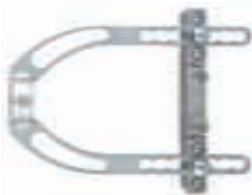
L

400

2041/2

Homokinetic joint puller

- The puller is used to dismount or repair homokinetic joints of various sizes. Before dismounting the joint, check whether the homokinetic joint can be dismantled. First, remove the top adjustable holder and then insert the joint through the ring and by mounting the top adjustable holder clamp the joint into the puller. The homokinetic joint includes a nut which can be used to screw in or dismount the joint. Before screwing in the nut, remove the circlip that is holding the upper and lower part of the joint. By simultaneously pressing two buttons, the holder can be adjusted to the suitable length of the joint. Advantages: the tool can be used on cars, it does not damage the joint, it saves time when dismounting the joint etc.



620232

D

18 - 36

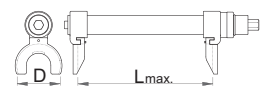
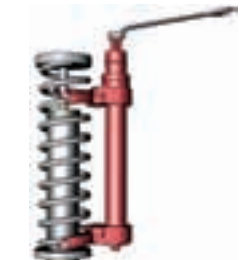
2051/4

Suspension compressor for shock absorber springs

How it works:

1. Select the appropriate cup for your spring.
2. Place the remover on the spring.
3. START compressing the shock absorber spring.

- This Unior professional tool, under article number 2051, is intended for the removal of car shock absorbers and is mainly used to compress the springs in MacPherson struts. Since the number of versions of the MacPherson strut is always increasing, the tool set contains three different pairs of grippers that almost completely cover the range of different MacPherson struts.
- The tool set also includes a spacer bar for conical springs, which increases the usefulness of the Shock Absorber Remover.
- Development of this tool took safety into account as the large forces involved in removing shock absorbers may present a risk of injury to the user.
- For this reason, all grippers in the set feature enlarged grip edges to firmly grip the spring in the tool thus prevent any possibility of slipping, which could injure the tool user. The recommended load for the tool is 9000 N.
- The maximum load for the tool is up to 37000 N.
- The tool is supplied in a durable PVC case that enables easier and safer transportation.
- in set 2 cups 80 - 115, 2 cups 110 - 150 in 2 cups 140 - 195



619279

L ↑

300



21

D

80 - 195



2052/4

Compressor for shock absorber springs, light version

- intended for the removal of car shock absorbers.
- the maximum load for the tool is up to 11000N
- UNIOR is already selling a suspension compressor for shock absorber springs (No. 2051), however, many smaller car repair shops do not need to use such a professional tool on a regular basis. This is where the light version comes in - it functions the same as the tool under art. No 2051, but has recommended load for the tool 2750 N. To prevent any bending and the springs falling out of the cups, this tool features a safeguard that enables the parts of the tool used for removing to always operate in parallel.



619733



19

2076/1

Roller-type stud extractor

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished
- roller system grips on to stud, in both directions
- easy extraction of studs



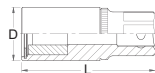
Usage:

- Position roller-type stud extractor on stud
- START turning stud extractor COUNTER CLOCK wise
- When stud removed, simply pull down stud extractor



Important: Do not use roller-type stud extractor for tightening!

- Studs are screws without a surface that can be gripped, which prevents their removal without damaging them. This tool is intended to do exactly that - removing studs without damaging the threads. The tool works through a system of three rollers that grip the stud at three points during removal, removing the stud without damaging it. The three rollers have no sharp edges, enabling removal without causing damage as they.
- Despite this, the tool can work in both directions. Tightening with the tool is not recommended though as the increased force in tightening could damage the system of rollers, which are dimensioned solely for loosening.

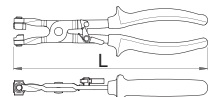


619238	M 5	60	21.5	19	3/8"	-
619239	M 6	60	23.5	21	1/2"	-
619240	M 7	60	23.5	21	1/2"	-
619241	M 8	60	23.5	21	1/2"	-
619242	M 10	69	27.5	21	1/2"	-
619243	M 12	69	27.5	21	1/2"	-
619244	M 14	72	34.3	21	-	16
619245	R 1/4"	60	23.5	21	1/2"	-
619246	R 5/16"	60	23.5	21	1/2"	-
619247	R 3/8"	69	27.5	21	1/2"	-
619248	R 7/16"	69	27.5	21	1/2"	-
619249	R 1/2"	72	34.3	21	-	16

2077/2BI

Spring clip pliers

- material: special tool steel
- material pivoting tip: special carbon tool steel
- fits most standard size clamps
- for hose clips on cooling, heating, fuel or screen-washer systems
- position lock makes it easy to replace hose clamps
- surface finish: chrome plated to standard EN12540
- tips black finish
- heavy duty double - component handles
- jet stamp UNIOR
- Pliers for are used for opening the tube clamps, enabling quick and safe removal of tubes from tube prolongations. They are also used for closing the tube clamps when tubes are attached to tube prolongations to prevent tubes from falling off the prolongations
- and thus ensuring safe movement of fluids.
- The pliers have been designed in such a way so that only a minimum force is sufficient to create large pressure upon the clamp, ensuring safe and durable connection of the tube to the tube prolongation. The pliers have been shaped in such a way so that they can be efficiently used at places which are difficult to access, thus enabling quick and easy handling.
- Firm and safe grip is ensured by the ergonomic shape of the handles.
- Use for: Alfa Romeo, Audi, Citroen, Fiat, Ford, Hyundai, Lancia, MAN, Mercedes, Opel/Vauxhall, Peugeot, Porsche, Renault, Seat, Toyota, VW, Volvo, etc.



619250

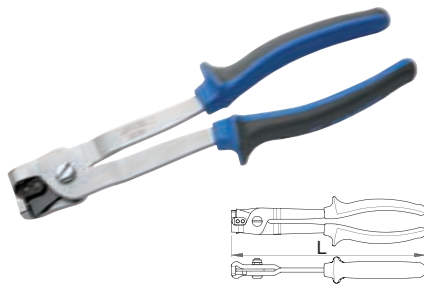
L

235

2078/2BI

Slothholder pliers for OETIKER® collars

- material: special tool steel
- for automotive pressed axlecuffs OETIKER®
- exact deformation of the axlecuff ear
- longer, for easy deformation of axlecuff ears
- for almost all passenger cars
- heavy duty double - component handles
- jet stamp UNIOR
- Pliers for are used for opening the tube clamps, enabling quick and safe removal of tubes from tube prolongations. They are also used for closing the tube clamps when tubes are attached to tube prolongations to prevent tubes from falling off the prolongations and thus ensuring safe movement of fluids. The pliers have been designed in such a way so that only a minimum force is sufficient to create large pressure upon the clamp, ensuring safe and durable connection of the tube to the tube prolongation. The pliers have been shaped in such a way so that they can be efficiently used at places which are difficult to access, thus enabling quick and easy handling. Firm and safe grip is ensured by the ergonomic shape of the handles.
- Use for: Audi, BMW, Chrysler, Ford, GM, Honda, Mazda, Mercedes, Nissan, Opel/Vauxhall, VW



619251 L 230

2080/2BI

CLIC® collar pliers

- material: special tool steel
- to remove and reassemble CLIC spring-clips
- separating and closing with 180° invert of the pliers
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- jet stamp UNIOR
- Pliers for are used for opening the tube clamps, enabling quick and safe removal of tubes from tube prolongations. They are also used for closing the tube clamps when tubes are attached to tube prolongations to prevent tubes from falling off the prolongations and thus ensuring safe movement of fluids. The pliers have been designed in such a way so that only a minimum force is sufficient to create large pressure upon the clamp, ensuring safe and durable connection of the tube to the tube prolongation. The pliers have been shaped in such a way so that they can be efficiently used at places which are difficult to access, thus enabling quick and easy handling. Firm and safe grip is ensured by the ergonomic shape of the handles.
- Use for: Audi, Citroen, Fiat, Mercedes, Opel/Vauxhall, Peugeot, Renault, VW



619253 L 190

2079/2BI

Quick coupler pliers for fuel pipes

- material: special tool steel
- for disconnecting fuel pipes
- spring for reopening
- surface finish: chrome plated to standard EN12540
- tips black finish
- heavy duty double - component handles
- jet stamp UNIOR
- This tool is used for the removal of the quick couplers that connect fuel lines. The tool has two forged pins in the jaws that compress the couplers during removal or repair (the hose can then be removed). The jaw is dimensioned and adjusted to enable safe and easy work with great force in a limited space.
- Use for: Opel/Vauxhall, Fiat, GM, VW, Renault etc.

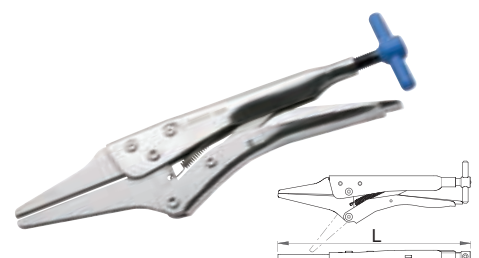
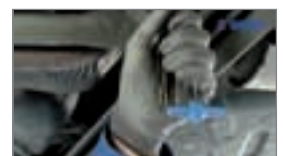
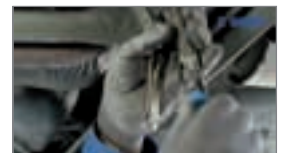


619252 L 206

2081/3

Grip hose clamp pliers for stopping the flow of fluids

- material: jaws – special carbon steel.
- handles made from sheet metal
- used for the stopping of the flow of oil, gasoline...
- jaws are free of sharp edges, so that sensitive hoses do not sustain damage.
- plastic moulded T handle enables improved grip for the user.
- fast and simple stoppage of the flow of fuel and other liquids.
- universal locking mechanism.
- The tool for stopping the flow of fluids is an indispensable tool when changing various automotive parts connected with liquid-bearing hoses.
- The tool's main function is the stoppage of the flow of various fluids in soft hoses so that a mechanic can replace a certain car part without interruptions or worrying over a potential spillage.
- The tool can be used on soft hoses in cars, trucks, farming machines as well as various nautical vessels, however, the hose diameter may not exceed 55 mm at any time, as in that case the stoppage of the flow is not guaranteed.

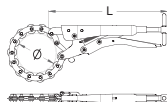
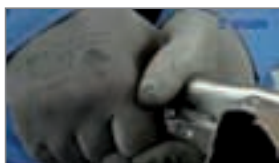


619254 L 285 55

2082/3

Grip pliers for cutting exhaust pipes

- material: jaws – special carbon steel.
- handles made from sheet metal
- used for cutting exhaust pipes in partial replacements of exhaust systems.
- Cutting capacity: 25–85 mm.
- the plastic-coated T-handle provides better grip for the user.
- universal locking mechanism.
- very long cutting chain.
- This tool is primarily intended for cutting exhaust pipes but, due to the design of its cutting chain and blades, it can also be used for copper pipe, plastic pipe and various other pipes with diameters between 25 and 85 mm.
- The tool is safe and easy to use due to accessories such as:
 1. a longer cutting chain enabling you to cut pipes with diameters of up to 85 mm;
 2. larger cutting blades, enabling you to cut steel tube up to 3 mm thick, brass tube up to 4 mm thick, PVC tube up to 5 mm thick;
 3. a plastic-coated T-handle that decreases the amount of force necessary to use the tool, enhances grip and prevents slipping;
 4. a universal locking mechanism that keeps the tool in position until you release the locking mechanism and stop cutting.
- The cutting chain is subject to wear, which is why we are offering it as a spare part (art. 2082.1).

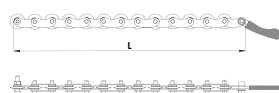


Barcode	L	Ø ₁	Ø _T
619255	330	25	85

2082.1

Spare chain for item 2082/3

- material cutters: alloy steel



Barcode	L
619256	305

2083

Telescopic magnetic pick-up tool with light

- for lifting nuts, bolts, screws
- batteries protected against humidity
- included in the set: 3 LR41 batteries
- with light, for dark places between the machine parts
- This tool is intended for picking up small metal objects. It has a special light that activates automatically upon being extended from its housing. It is useful for partly unlit spaces such as the inside of engines. When no longer needed, simply fold back the tool and the light will immediately deactivate. The tool has a fastener.

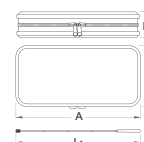


Barcode	L	L1	Weight
619741	170	660	0.5

2084

Professional auto inspection set

- with long life LED light
- available in durable plastic bag
- the magnet's lifting capacity: 3.5 kg
- included in the set: 1 round mirror O60, 1 angular mirror (65 x 42 mm), 2 bits attachments, 3 L1154F batteries, 1 bag with the SOS tool tray
- In addition to the LED light, this set includes additional mirrors to facilitate viewing of difficult-to-reach areas inside the car, making this a very useful set. The tools are also intended for lifting small metal objects such as screws, nuts, etc. The set comes in an attractive and durable bag. Individual tools have been placed in the SOS tool tray to make them easier to find.

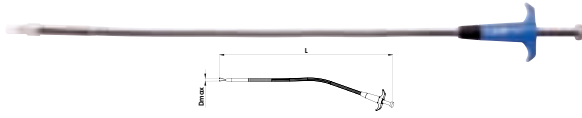


Barcode	A	B	H	L1	Weight
619742	240	110	45	650	3.5

2085

Claw pick-up tool

- for lifting small specially non-metallic parts like bolts, nuts, screws
- This adjustable tool is easy to navigate through difficult-to-reach areas. To enable quick and reliable gripping of objects, it has three claws that extend or return to their original position upon pressing or releasing the button, respectively.

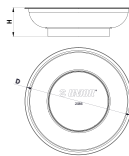


	L	D T
619883	510	15

2086

Magnetic tray

- Material: stainless steel, corrosion resistant
- powerful permanent magnet cover with protective rubber foot
- can be used in any position
- keeps parts and tools right where you need them
- for usage in garage, engine, household work
- holds any small nuts, bolts and steel parts
- With its powerful rubber-protected magnet, this magnetic tray is suitable for practically all industrial applications ranging from car repair shops to everywhere where it can be attached to a metal surface. It can be used in all positions - the magnet is so powerful that the tray can even be fitted upside-down. The tray is intended for protecting screws, nuts and the like against being misplaced, and for storing them in a central location to minimise the time needed to find a specific item.



	D	H	
619728	150	40	3



2087

Flexible pick up tool with magnet

- The flexible magnetic pickup is designed to collect metal objects from hard to reach spots.
- It features a flexible stem with a strongly magnetic tip.
- The magnet is capable of lifting metal objects of up to 1 kg.
- The tool is fitted with an ergonomically designed handle, ensuring easy and efficient operation.

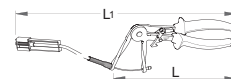


619929	1

2089/2BI

Automatic Spring Clip Pliers

- material: special tool steel
- material pivoting tip: special carbon tool steel
- fits most standard size clamps
- for hose clips on cooling, heating, fuel or screen-washer systems
- position lock makes it easy to replace hose clamps
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- The pliers are used for opening tube spring clips used on cooling and heating systems which enables quick and safe removal of tubes from tube extensions. Suitable for spring clips with a grip ranging from 18 to 54 mm. The 600 mm long Bowden cable enables efficient use in hard to reach places where clips cannot be reached with other pliers. The pliers include a toothed blocker with 8 positions for opening clips or fastening them in a custom position which makes the removal of clips easier and with no additional force necessary. The handles are designed so that when the pliers' jaws are open the widest they are easy to squeeze with as little force as possible. Used for: Alfa Romeo, Audi, Citroen, Fiat, Ford, Hyundai, Lancia, MAN, Mercedes, Opel/Vauxhall, Peugeot, Porsche, Renault, Seat, Toyota, VW, Volvo, etc.



	L	L1
620234	230	600

2091

LED light

- with 26 LED lamps (21 in front and 5 on top)
- 21 LED can be switch on between 4 and 5 hours, 5 LED on top 13 hours
- with two adjustable hangers
- with three magnets
- simple light angle adjustment from 0 to 180°
- made from user friendly plastic material
- with two adapters (12/24V in 100-240 V)
- magnet in bottom carries complete weight of LED light
- Li-Ion battery



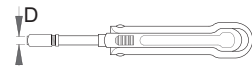
Li-Ion = 13 h

	L	A
620237	250	55

2177.02

Cable release tool

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 3.5mm



	D
620970	5

2177.021

Dismounting socket for 2177.02

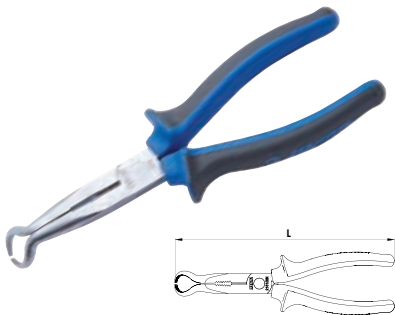


	D	d	L
620978	5	4.4	24

2151/2BI

Spark plug pliers

- material: special tool steel
- for removing spark plugs
- heavy duty double - component handles
- jet stamp UNIOR
- This tool is intended for the safe and quick removal of spark plug covers without damaging them. As an added feature, the tool allows you to cut power supply cables or compress cable attachments.



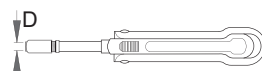
	L
619732	192



2177.01

Cable release tool

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 1.5mm



	D
620969	3.3

2177.011

Dismounting socket for 2177.01

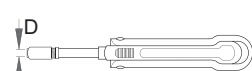


	D	d	L
620977	3.3	3	30

2177.03

Cable release tool

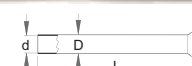
- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 4mm



	D
620971	6

2177.031

Dismounting socket for 2177.03



	D	d	L
620979	6.5	6	27

2177.032**Assembly socket for 2177.03**

Barcode	D	d	L
620985	6.5	4	50

2177.051**Dismounting socket for 2177.05**

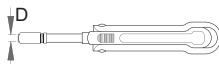
Barcode	D	d	L
620981	3.3	3	35

2177.071**Dismounting socket for 2177.07**

Barcode	D	d	L
620983	2.8	2.3	30

2177.04**Cable release tool**

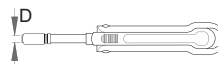
- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 2,5mm (e.g. vks)



Barcode	D
620972	4.5

2177.06**Cable release tool**

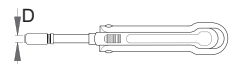
- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 4mm



Barcode	D
620974	6

2177.08**Cable release tool**

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts (e.g. lks) 1,5mm



Barcode	D
620976	3.6

2177.041**Dismounting socket for 2177.04**

Barcode	D	d	L
620980	4.4	4	28

2177.061**Dismounting socket for 2177.06**

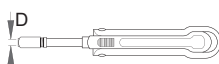
Barcode	D	d	L
620982	6	5.5	20

2177.081**Dismounting socket for 2177.08**

Barcode	D	d	L
620984	3.6	2.8	30

2177.05**Cable release tool**

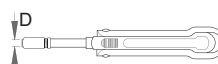
- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 2,3mm



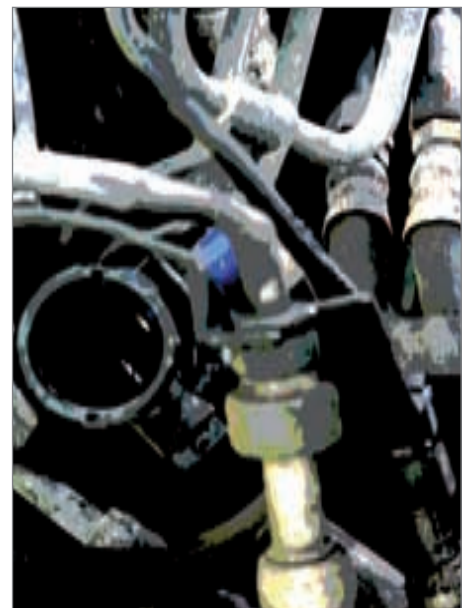
Barcode	D
620973	3.3

2177.07**Cable release tool**

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for circular plug contacts 1.5mm



Barcode	D
620975	1.9



2177.09

Cable release tool

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for single channel JPT contacts



620986

2177.12

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use

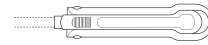


620989

2177.15

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Micro-Timer II and III, MFK/MFS



620992

2177.10

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for iso conector autoradio

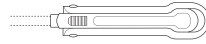


620987

2177.13

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for junior/standard timer, FASTIN-FASTON



620990

2177.16

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use



620993

2177.11

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use



620988

2177.14

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for power quadlok



620991

2177.17

Cable release tool with asimetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use



620994

2177.18

Cable release tool with asymmetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use



620995

2177.19

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for MCP 9,5 mm



620996

2177.20

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for pit-pod\ faston 6,3 mm



620997

 **UNIOR®**



www.uniortools.com

2177.21

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



620998

2177.22

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



620999

2177.25

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



621002

2177.23

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



621000

2177.26

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon, mcp,mak



621003

2177.24

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



621001

2177.27

Cable release tool with asimetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Ducon



621004

tools.com

2177.28

Cable release tool

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use



621005

2177.31

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for flat plugs without box



621008

2177.34

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for SLK contacts (primary)

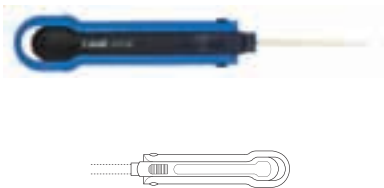


621011

2177.29

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Micro-Timer I



621006

2177.32

Cable release tool with multi pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for VKR

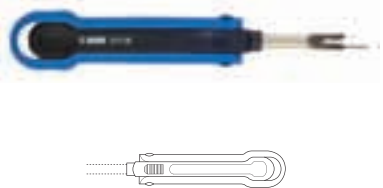


621009

2177.35

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for SLK primarily and secondary release



621012

2177.30

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for LKS



621007

2177.33

Cable release tool with multi pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for MKSMKR

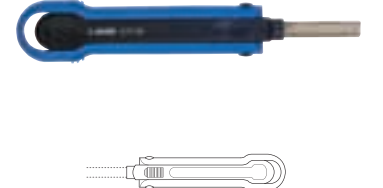


621010

2177.36

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for soldered contacts



621013

2177.37

Cable release tool with pin head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for soldered contacts



621014

2177.38

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for E95



621015

2177.39

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for LSK 8



621016

2177.40

Cable release tool with simetrical open head

- for repairing damaged connector contacts
- the tip of the tool is made from quality spring steel
- the toggle casing protects the tip of the tool from damage
- available for the majority of connector types on the market
- easy and safe to use
- for Junior/Standard Power Timer, MDK/DFK



621017

2201/2BI

Valve seal removal pliers

- material: special tool steel
- surface finish: chrome plated to standard EN12540
- extra long nose
- extra slim form allows removal of valve-stem oil-seals in deep engine block places
- for valve stem sealing rings
- jet stamp UNIOR
- heavy duty double - component handles
- Valve seal removal pliers - Narrow design allows access to valve stem seals even in the tight confines of 4 valve per cylinder heads. Features serrated tips for a positive grip on the seal, heat-treated steel construction and cushioned handles.



619721

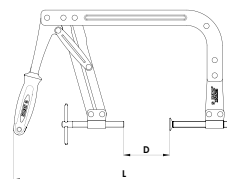
L

275

2202/2BI

Valve spring compressor

- material: special tool steel
- entirely hardened and tempered
- surface finish: chrome plated
- suitable for almost all engines due to its wide range of adjustment
- valve spring compressor not include pressure pieces
- 4 pressure pieces (article 2202.1) allows us working on almost all engines and are available as spare parts
- using its very fast and easy with lever blockade
- after adjusting the tool for the first valve, the speed of work increases as readjusting is not necessary for subsequent valves.
- adjustable handles enable desired pressure on the spring.
- extra large throat for larger engines
- This tool is used to attach and detach valve springs and features a self-locking lever and quickly-adjustable fittings to allow it to be used with all kinds of engines.



619722

L

D

430

20 - 250

2202.1/2

Pressure pieces for valve spring compressor



620567

D

21

620208

25

620209

30

620210

35

620211

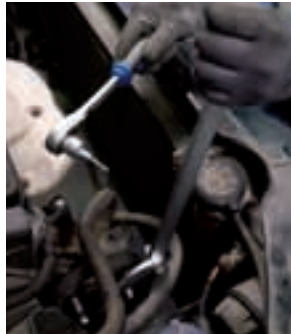
43



2203/2B1

Tool for rotating camshaft pulley

- material: chrome vanadium
- pin material: special carbon tool steel
- for holding pulleys on camshafts, injection pumps
- for timing pulleys span from 24 to 160 mm
- available pin dimensions: Ø5.7, Ø7.7, Ø9.7, Ø11.7, Ø18
- heavy duty double - component handles
- jet stamp UNIOR
- Used to hold the camshaft pulley in place so that the center screw can be unscrewed prior to removing the camshaft pulley. This easy-to-use tool is intended for all types of camshaft pulleys.



Barcode	L
619723	525

2204

Kit for controlling cam belt tension

- very easy to use
- a precise progressive setting button
- the two-sided scale allows reading on both sides
- This tool is used to set the cam belt tension. It is suitable for most types of car cam belts.
- How it works:
 1. Select the proper tool position according to the manufacturer's recommendations.
 2. Position the tool for controlling the cam belt tension
 3. Refer to the attached table to find the proper cam belt tension.
 4. Set the tool for controlling the cam belt tension to the proper value.
 5. Verify the aeration of the cam belt.
 6. Perform the necessary adjustments on the cam belt tensioner.
 7. Position the tool for controlling the cam belt tension again and verify that the cam belt is properly tensioned.

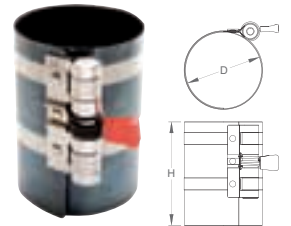
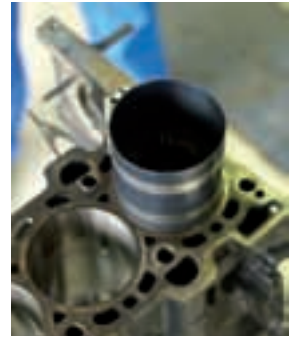


Barcode	L
619724	98

2205

Piston ring compressor

- use to install pistons on most passenger cars.
- high quality construction with sprung steel wraps
- with safety adjusting screws
- available in a wide range of sizes
- This tool is used to install pistons and piston rings into engine cylinders. Different sizes are available.
- Insert the piston and any piston rings into the tool, position the tool at the opening and use it to insert/push the piston and any piston rings into the cylinder.



Barcode	H	D	D
619725	50	1 3/4" - 3 1/2"	40 - 90
619726	80	2 1/4" - 5"	57 - 125
619727	80	3 1/2" - 7"	90 - 175
619729	165	3 1/2" - 7"	90 - 175

2206

Universal clutch aligner

- designed for most vehicles, with single plate clutches
- for clutch up to: 15 - 28 mm
- easy to use
- The tool under art. No. 2206 is the only universal clutch aligner that allows you to align almost any standard passenger car clutch. This is done directly between the clutch plate and the pressure plate by using the universal clutch aligner to join them together. After the clutch aligner is removed, both parts of the clutch are joined together and aligned with regard to their axes.



Barcode
619730

2207/2

1/2" square drive socket for diesel engine injectors

- suitable for a variety of diesel engines
- Socket for diesel engine injectors is used for removing and replacing diesel injectors without damaging fuel lines.

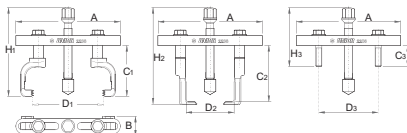


Barcode	Part No.	Size	Brand
619887	6P	22mm	DIESEL
619731	12P	22mm	DIESEL
619888	12P	27mm	BMW. Fiat. Ford
619889	12P	28mm	Scania. Volvo HGV

2208

Ribbed driver pulley puller

- The puller is used to dismount pulleys of various shapes, in particularly those used in passenger cars. The tool is suitable for pulleys with the following diameters: min. Ø45 mm; max. Ø235 mm. The puller is useful for effectively removing pulleys from hard-to-reach areas, and especially without the risk of any damage to the pulley. The tool has two types of pulling paws, suitable for various types of pulleys.



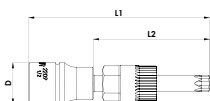
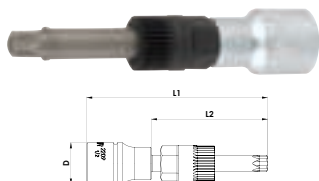
620223	A	B	C1	C2	C3	D1	D2	D3	H1	H2	H3
	171	32	60 - 82.5	69 - 91	34	80 - 150	40 - 120	40 - 150	200	213	152



2209

Alternator combination socket

- This two-part tool for the alternator allows the easy dismounting and mounting of the alternator pulley for the purposes of pulley replacement or alternator repair. The alternator is blocked by means of a 10 mm XZN multispline insert; simultaneously, the pulley retaining screw on the shaft is released/tightened. The tool is available as a 1/2" socket key with a XZN - M10 bit and as a 1/2" socket key with a TX50 bit.

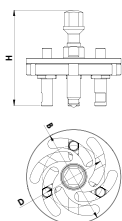


620225	D	L1	L2
M 10	23.8	113	75
620948	TX 50	23.8	113

2210/2

Timing pulley puller

- material: special tool steel
- entirely hardened and tempered
- surface finish: chrome plated according to EN12540, screw blacked
- This tool is designed for removing drive pulleys with face grooves. The tool removes a pulley absolutely free of any risk of damage. The tool is adaptable to different pulley diameters, as the legs are adjustable.

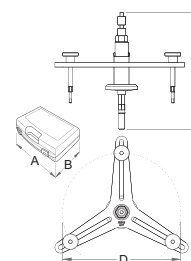


620226	B	D	H
	100	48 - 82	135

2211

SAC Clutch tool set

- material: special tool steel
- entirely hardened and tempered
- This SAC clutch tool set can be used to quickly and professionally dismantle and install SAC clutches. Usually, SAC clutches have 3 spokes, however, some vehicles use 4-spoked versions (e.g. Mercedes A since 2004). Suitable for almost all SAC clutches (3- and 4-spoked), e.g. VW-Audi, BMW, Mercedes, Volvo, Opel, Renault, etc.
- Advantages:
 - pre-tightening of the thrust plate during dismounting and installing (important for preventing strain on the clutch),
 - centring the clutch plate in the direction towards the guide bearing or towards the thrust plate,
 - withdrawing the adjusting ring with the withdrawal tools.

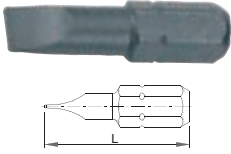


620233	A	B	D	H
	305	268	322	267

6460C6,3

Slotted bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

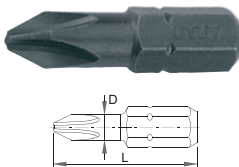


Barcode	a x b	L
602370	0.5 x 3.0	25
602371	0.5 x 4.0	25
602372	0.6 x 3.5	25
602373	0.6 x 4.5	25
602374	0.8 x 4.0	25
602375	0.8 x 5.5	25
602376	1.0 x 5.5	25
602377	1.2 x 6.5	25
602378	1.2 x 8.0	25

6463C6,3

Crosstip (PH) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



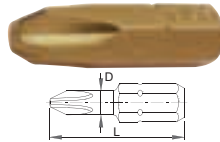
Barcode	+	D	L
602388	PH 0	3	25
602389	PH 1	4.5	25
602390	PH 2	6	25
602391	PH 3	8	25



6463TINC6,3

Crosstip (PH) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- titanium coated
- made according to standard ISO 2351

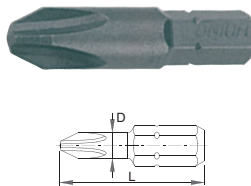


Barcode	+	D	L
604691	PH 1	4.5	25
604692	PH 2	6	25
604693	PH 3	8	25

6464C6,3

Crosstip (PH) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

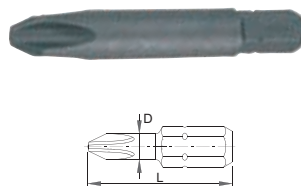


Barcode	+	D	L
602392	PH 3	8	32
602393	PH 4	10	32

6465C6,3

Crosstip (PH) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

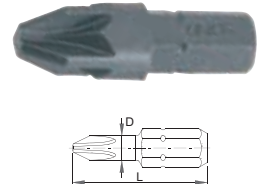


Barcode	+	D	L
602394	PH 1	4.5	50
602395	PH 2	6	50
602396	PH 3	8	50

6466C6,3

Double-crosstip (PZ) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

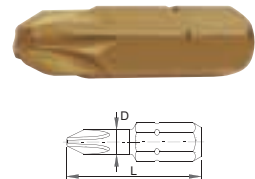


Barcode	+	D	L
602397	PZ 1	4.5	25
602398	PZ 2	6	25
602399	PZ 3	8	25

6466TINC6,3

Double-crosstip (PZ) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- titanium coated
- made according to standard ISO 2351

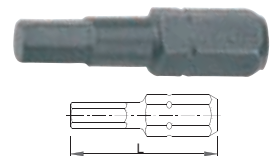


Barcode	+	D	L
604694	PZ 1	4.5	25
604695	PZ 2	6	25
604696	PZ 3	8	25

6469C6,3

Hex socket bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



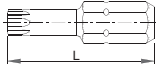
Barcode	Hex	D
602400	2.5	25
602401	3	25
602402	4	25
602403	5	25
602404	6	25

6472C6,3

TX profile bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders



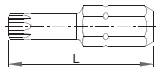
Barcode	Star	L
602405	TX 6	25
602406	TX 7	25
602407	TX 8	25
602408	TX 9	25
602409	TX 10	25
602410	TX 15	25
602411	TX 20	25
602412	TX 25	25
621283	TX 27	25
621284	TX 30	25
621285	TX 40	25

6472TINC6,3

TX profile bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- titanium coated



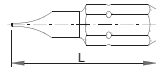
Barcode	Star	L
604699	TX 10	25
604700	TX 15	25
604701	TX 20	25
604702	TX 25	25
604825	TX 30	25

6480C8

Slotted bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



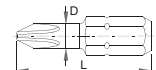
Barcode	a x b	L
602414	1.0 x 5.5	41
602415	1.2 x 6.5	41
602416	1.2 x 8.0	41
602417	1.6 x 8.0	41
602418	1.6 x 10.0	41
602419	2.0 x 12.0	41

6483C8

Crosstip (PH) bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



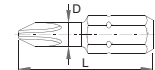
Barcode	Plus	D	L
602422	PH 1	4.5	32
602423	PH 2	6	32
602424	PH 3	8	32

6484C8

Crosstip (PH) bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



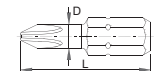
Barcode	Plus	D	L
602425	PH 4	10	38

6486C8

Double-crosstip (PZ) bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



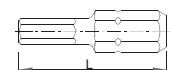
Barcode	Plus	D	L
602426	PZ 1	4.5	32
602427	PZ 2	6	32
602428	PZ 3	8	32

6489C8

Hex socket bit



- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351



Barcode	Hexagon	L
602429	3	30
602430	4	30
602431	5	30
602432	6	30
602433	7	30
602434	8	30
602435	10	30

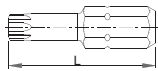




6492C8

TX profile bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders

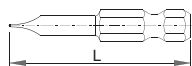


Barcode	Star	L
605518	TX 20	30
602436	TX 25	30
602437	TX 27	30
602438	TX 30	30
602439	TX 40	30
602440	TX 45	30
602441	TX 50	30

6500E6,3

Slotted bits

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

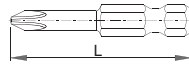


Barcode	a x b	L
602510	0.5 x 3.0	50
602511	0.5 x 4.0	50
602512	0.6 x 3.5	50
602513	0.6 x 4.5	50
602514	0.8 x 4.0	50
602515	0.8 x 5.5	50
602516	1.0 x 5.5	50
602517	1.2 x 6.5	50
602518	1.2 x 8.0	50

6503E6,3

Crosstip (PH) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

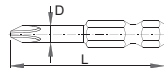


Barcode	+	D	L
602519	PH 1	4.5	50
602520	PH 2	6	50
602521	PH 3	8	50

6506E6,3

Double-crosstip (PZ) bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

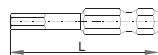


Barcode	+	D	L
602522	PZ 1	4.5	50
602523	PZ 2	6	50
602524	PZ 3	8	50

6509E6,3

Hex socket bit

- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders
- made according to standard ISO 2351

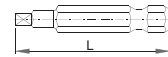


Barcode	Hex	L
602525	2.5	50
602526	3	50
602527	4	50
602528	5	50
602529	6	50

6515E6,3

Square (SQ) bit

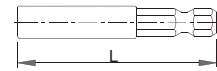
- material: special tool steel
- long durability
- anti-corrosion protection
- for hand and power drivers
- combined with different magnetic and non-magnetic bit holders



Barcode	Square	L
603417	SQ 1	75
603418	SQ 2	75
603419	SQ 3	75

6715E6,3

Bits adaptor E6, 3 (1/4")



Barcode	Hex	L
603028	E6.3 (1/4")	77

6762

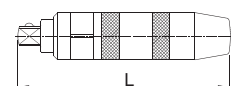
Impact screwdriver set



Barcode	Nº	Hand
605061	6762	14
6480C8 (1.2 x 6.5 x 41, 1.6 x 8.0 x 41, 2.0 x 12.0 x 41), 6483C8 (PH 2, PH 3), 6484C8 (PH 4), 6489C8 (5, 6), 6492C8 (TX 25, TX 30, TX 40, TX 20), 6762.1 (144), 6762.2 (1/2" - 5/16")		

6762.1

Impact screwdriver



Barcode	Hex	L
605062	1/2"	144

6762.2

Adaptor 1/2" - 5/16"



		L
605063	1/2" - 5/16"	37

6776PB21

Bits set in plastic box



	Nº	
621650	6776PB21	21
<p>6460C6,3 (0.5 x 4.0, 1.2 x 6.5), 6466C6,3 (PZ 1, PZ 2, PZ 3), 6472C6,3 (TX 8, TX 9, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40), 6469C6,3 (3, 4, 5, 6), 6463C6,3 (PH 1, PH 2), 6715E6,3 (E6.3 (1/4"))</p>		

6778

Bits box



	Nº	
605527	6778	TX 10 - TX 25 / 18
<p>6460C6,3 (0.5 x 4.0, 0.8 x 5.5, 1.2 x 6.5), 6463C6,3 (PH 1, PH 2, PH 3), 6466C6,3 (PZ 1, PZ 2, PZ 3), 6469C6,3 (3, 4, 5, 6), 6472C6,3 (TX 10, TX 15, TX 20, TX 25), 6715E6,3 (E6.3 (1/4"))</p>		

6778/5A

Bits box



	Nº	
603771	6778/5A	10
<p>6463C6,3 (PH 1, PH 2, PH 3)</p>		

6778/2A

Bits box



	Nº	
603768	6778/2A	6
<p>6460C6,3 (0.5 x 4.0, 0.8 x 5.5, 1.2 x 6.5), 6463C6,3 (PH 1, PH 2, PH 3)</p>		

6778/8A

Bits box



	Nº	
603774	6778/8A	TX 8 - TX 25 / 10
<p>6472C6,3 (TX 8, TX 9, TX 10, TX 15, TX 20, TX 25)</p>		

6777

Bits box

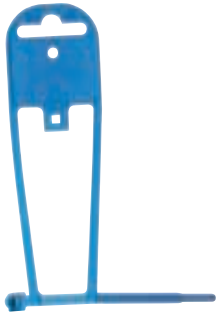


	Nº	
605526	6777	10
<p>6460C6,3 (0.5 x 4.0, 0.8 x 5.5, 1.2 x 6.5), 6463C6,3 (PH 1, PH 2, PH 3), 6466C6,3 (PZ 1, PZ 2, PZ 3), 6715E6,3 (E6.3 (1/4"))</p>		



A

Hanger A



610696



B

Hanger B



610697



C

Hanger C

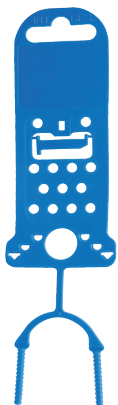


610698



D

Hanger D

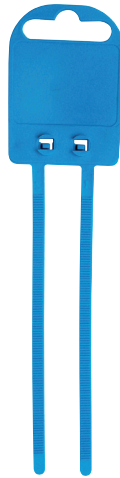


610699



T

Hanger T



610700



N1/4

Hanger N 1/4"



610701



N3/8

Hanger N 3/8"



610702



N1/2

Hanger N 1/2"



610703



N3/4

Hanger N 3/4"



610953



I1

Hanger I1



610704



I2

Hanger I2



610705




I3
Hanger I3



610706

UV
Hanger UV



619392

I4
Hanger I4




610707

O140
Hanger O 140




610714

U
Hanger U



615088


O180
Hanger O 180



610715




SDSPLUS
Hanger SDS PLUS



617498

SDSMAX
Hanger SDS MAX



617499

