

#### **Combination Pliers**

- satin nickel plated with slip guard/ soft grip handles red/black



Item #	Description
325	Combination Pliers, Length 165 mm
326	Combination Pliers, Length 175 mm
327	Combination Pliers, Length 200 mm



# Long Nose Pliers, straight

- satin nickel platedwith slip guard/ soft grip handlesred/black



Item #	Description
336	Long Nose Pliers, straight, 160 mm
337	Long Nose Pliers, straight, 200 mm



# Bent Nose Pliers, 200 mm

- satin nickel plated
- with slip guard/ soft grip handles
  red/black







# Flat Nose Pliers, 160 mm

- satin nickel plated with slip guard/ soft grip handles
- red/black









#### Diagonal Side Cutter, 165 mm

- satin nickel plated
- with slip guard/ soft grip handlesred/black





# Diagonal Side Cutter, 165 mm long, with Wire Stripping Function, (1.5 mm<sup>2</sup> & 2.5 mm<sup>2</sup>)

- satin nickel plated
- with slip guard/ soft grip handles
- red/black





#### Heavy Duty Diagonal Side Cutter, 180 mm

- satin nickel plated
- with slip guard/ soft grip handlesred/black





# Heavy Duty Diagonal Side Cutter, 240 mm

- satin nickel plated
- with slip guard/ soft grip handles
- red/black









#### **End Cutting Pliers, 165 mm**

- satin nickel plated
- with slip guard/ soft grip handles
- red/black







#### Wire Stripping Pliers, 150 mm

- satin nickel plated
- with slip guard/ soft grip handlesred/black







#### 5-piece Pliers Set

- all pliers come with slip guard/soft grip handles (red / black)

#### content:

- 1 combination pliers "professional" 175 mm BGS # 0326 1 diagonal side cutter "professional" 165 mm BGS # 0331
- 1 long nose pliers "professional" 200 mm BGS # 0337 1 bent nose pliers "professional" 200 mm BGS # 0338 1 waterpump pliers "professional" 240 mm, box joint,

In plastic case







## **End Cutting Pliers, DIN 5241**

- excellent quality and finsh
- satin black lacquered
- finish with polished jaw
- PVC dipped handles (blue)



Item #	Description
551	End Cutting Pliers, DIN 5241, 180 mm
552	End Cutting Pliers, DIN 5241, 200 mm





#### **Mechanics Pliers, DIN ISO 9242A**

- excellent quality and finishingsatin black lacquered finishpolished jaws



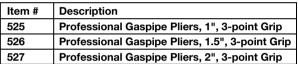
Item #	Description
555	Mechanics Pliers, DIN ISO 9242A, Length 220 mm
556	Mechanics Pliers, DIN ISO 9242A, Length 250 mm
557	Mechanics Pliers, DIN ISO 9242A, Length 280 mm



#### **Professional Gaspipe Wrenches**

- red lacquered finishpolished jaws
- special advantage: 3-point grip prevents slipping off







#### Waterpump Pliers, 240 mm

- box-joint head
- satin nickel plated
- with slip guard/ soft grip handles
- red/black
- aperture max. 38 mm









# 3-piece Waterpump Pliers Set, Box-Joint

- professional quality
- high quality lacquered black finish
- forged
- hardened
- polished jaws and jointblue PVC dipped handles
- 175-240-300 mm
- aperture max. 27-38-44 mm

in tetron wallet











## **Waterpump Pliers with Box-Joint**

- professional quality
- safety handleshigh quality finish
- forged
- hardened
- lacquered black finish
- polished jaws and joint



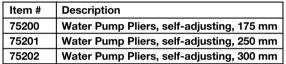
Item #	Description
75110	Waterpump Pliers with Box-Joint, 175 mm
75111	Waterpump Pliers with Box-Joint, 240 mm
75112	Waterpump Pliers with Box-Joint, 300 mm
75113	Waterpump Pliers with Box-Joint, 400 mm



#### Water Pump Pliers, self-adjusting

- high duty finish self-adjusting, for "single-handed-use"



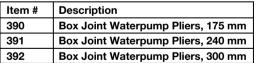




# **Box Joint Waterpump Pliers**

- professional heavy duty quality
- high quality lacquered red finish
- hardened
- polished jaws and joint







## Water Pump Pliers with Plastic Protective Jaws, 250 mm

- suitable for all types of fittings
- protection jaws prevent damage to chrome finish
- easy size adjustment
- dipped handles
- incl. 2 spare protective jaws









## 3-piece Long Nose Pliers Set, 0° - 45° - 90°

- carbon steel, nickel plated
- length 290 mm





#### Straight Nose Pliers, extra long, 280 mm

- PVC dipped handles
- with additionally induction hardened cutting edges, straight





## Bent Nose Pliers, 45°, extra long, 280 mm

- PVC dipped handles





# Bent Nose Pliers, 90 °, extra long, 280 mm

- PVC dipped handles





# 5-piece Long Nose Plier Set, 290 mm

- angled 90 ° 0 ° 20 ° 45 ° + ring tip
- 2-component handles
- length: 290 mm
- carbon steel
- in zipper pouch







#### 3-piece Glow Plug Pliers, 280 mm

- gripper opening: Ø 12, 5 16 and 20 mm
- dip-coated handle



Item # 417



#### 3-piece Double Joint Pliers Set, 300 mm

- perfect for working in narrow places1 straight long nose pliers
- offset long nose pliers (45°)
- 1 flat nose pliers

in wallet







#### **Double-Joint Side Cutter**

- for hard to reach places such as behind interior trim, instrument panel, engine compartment, etc.
- very small even when fully opened heavy duty 2-component plastic handle
- length 350 mm







## **Double-Joint Pliers with Straight Tips**

- for hard to reach places such as behind interior trim, instrument panel, engine compartment, etc.
- very small even when fully opened
- heavy duty 2-component plastic handle length 350 mm







## **Double-Joint Pliers with Offset Tips**

- for hard to reach places such as behind interior trim, instrument panel, engine compartment, etc.
  - very small even when fully opened
- heavy duty 2-component plastic handle
- length 350 mm









## Professional Riveter, Long Arm, 3.2 - 6.4 mm

- aluminium and steel rivets 3,2 4,0 4,8 5,0 6,4 mm handles can be folded

- extensive accessories



Item #	Description
405	Professional Riveter Set, long Arm, 3.2-6.4 mm
405-Zange	Long Arm Riveter
405-1	Pull Bar for Riveter BGS 405
405-2	Spare Pair of Jaws for Professional Riveter BGS 405
405-3	Jaw Case Repairset for Riveter #405
405-4	Rivet Nut Head for BGS 405
405-M4	M4 Draw Bar for Riveter #405
405-M5	M5 Draw Bar for Riveter #405
405-M6	M6 Draw Bar for Riveter #405
405-M8	M8 Draw Bar for Riveter #405
405-M10	M10 Draw Bar for Riveter #405



#### **Heavy Duty Long Arm Riveter**

- suitable for daily workshop use bottle will help keep work environment clean and safe
- 220 mm handles for strong leverage incl. nosepieces for 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32") and 4.8mm (3/16") suitable for steel rivets



Item	#
409	



# **Professional Riveting Pliers**

- suitable for rivets made of aluminum, copper and steel
  - diameters of 2.4 - 3.2 - 4.0 - 4.8 mm











#### **Plastic Rivet Kit**

- for riveting e.g. plastic panels in the vehicle interior
- includes:
- 1 riveter
- 40 plastic rivets in following sizes: 10 Ø5,0 x 15,8 mm 10 Ø5.0 x 17.2 mm

- 10 Ø6.6 x 17.2 mm 10 Ø6.3 x 25.2 mm







## Hole Punch and Eyelet Pliers, incl. Eyelet Assortment, 180 mm

- heavy duty finishincludes 100 pcs. eyelets





Item #	Description
569	Hole Punch and Eyelet Pliers, 5 mm, incl. Eyelet Assortment, 180 mm
570	Hole Punch and Eyelet Pliers, 4.5 mm, incl. Eyelet Assortment, 180 mm

# Blind Riveting Attachment, 2.4-3.2-4.0-4.8 mm

- makes your drill a rivet gun works with standard electric drills (reversible, min. torque 15 Nm)
- aluminium rivets 2,4 4,8 mm stainless steel rivets 2,4 4,0 mm
- with hex shaft 1/4" 6,35 mm
- manual included









#### **Nutsert Attachment, M3-M4-M5-M6**

- makes your drill a rivet gun works with all standard drills (reversible, min. torque 20 Nm)
- with wrench
- with threaded mandrels and nosepieces in M3-M4-M5-M6
- manual included



Item # 407



#### **Stripping Pliers**

- self-adjusting for cable Ø 0.2 6 mm
- front-cutting with adjustable length stop
- for stripping from 8 to 12 mm
- cutter up to 2 mm diameter
- locking device for space saving and preserving saw blades







#### 2-IN-I Wire & Cable Stripper

- for stripping cables and wires
- sharp precision shear-type blades for clean cuts on solid and stranded copper wire
- extra sharp blade easily slices through cable jackets
- easy-to-read markings
- spring-loaded mechanism provides fast self-opening action
- compact size design with locking function
- includes 2 spare blades
- ABS housing with carbon steel blade
  length: 115 mm



Item #	Description
8489	2-IN-I Wire & Cable Stripper , 0.2 - 0.8 mm
8490	2-IN-I Wire & Cable Stripper, 0.8 -2.6 mm



## Crimping Tool for Cable End Sleeves, 0.5-2.5 mm<sup>2</sup>

- insulated cushion-grip
- spring-loaded handles for cable brackets 0,5-0,75-1,0-1,5-2,5 mm<sup>2</sup>
- 150 mm long









# Crimping Tool for Cable End Sleeves, up to 16 mm<sup>2</sup>

- suitable for conducter sleeves in sizes 0,5 - 0,75 - 1,0 - 1,5 - 2,5 - 4,0 - 6,0 - 10,0 - 16,0 mm<sup>2</sup>
- 190 mm long







#### Crimping Tool for Cable End Sleeves, incl. 150 Sleeves

- can be used for cable end sleeves in sizes:
- 0,5 0,75 1,0 1,5 2,5 4,0 6,0 10,0 16,0 mm<sup>2</sup> cable end sleeves included in following sizes:

40 pc.: 0,5 x 6 mm 40 pc.: 0,75 x 6 mm 30 pc.: 1,0 x 6 mm 20 pc.: 1,5 x 7 mm 20 pc.: 2,5 x 7 mm

- 190 mm long







#### Automatic Wire Stripper, 0.13-6 mm<sup>2</sup>

- for wires with diameters 0,13-6 mm<sup>2</sup>
- with cutter for insulated/not insulated terminals
- length 210 mm







## 5-way Crimping Tool, 235 mm

- workshop finish with wire cutter
- combined tool for insulated and non-insulated terminals
- soft blue handles
- 3 mm thickness
- for non-insulated terminal sizes 1.5 2.5 4-6mm
- for insulated terminal sizes:
- 1.5 mm (red) 2.5 mm (blue) 6 mm (yellow) wirre stripping 0.75 1.0 1.5 2.5 4.0 6.0mm bolt head cutter M2,6 M3 M3,5 M4- M5

Item # 418







## 5-way Crimping Tool, 200 mm

- workshop finish
- 3mm thickness
- especially for non-insulated terminals 1.5 2.5 6mm
- with wire cutter
- wire stripping: 0.75 1.0 1.5 2.5 4.0 6.0mm
- spark plug connector bolt head cutter M2,6 M3 M3,5 M4- M5









#### Ratchet Crimping Tool 0.5-6 mm<sup>2</sup>

- for not insulated terminals
- 0,5-1-1,5-2,5-4-6 mm<sup>2</sup>



Item #	Description
1417	1 Pair of Jaws for Item 1419
1419	Ratchet Crimping Tool 0.5-6 mm <sup>2</sup>



#### Ratchet Crimping Tool, 0.5-4 mm<sup>2</sup>

- for cable end sleeves
- 0,5-0,75-1,0-1,5-2,5-4 qmm length 215 mm





# Ratchet Crimping Tool, 0.5 - 6 mm<sup>2</sup>

- forged
- insulated handles,
- for insulated terminals 0.5 - 1.5 / 1.5 - 2.5 / 4 - 6 mm<sup>2</sup>
- length 215 mm





## **Ratchet Crimping Tool**

- Crimping tool set with ratcheting function
- 2 exchangeable jaws for
- non-insulated end terminals 0,5 6 mm<sup>2</sup> (red-blue-yellow)
- non-insulated end terminals 1,5 10 mm<sup>2</sup> with closed cable attachment ring







## **Crimping Jaws for Japanese Motorcycles**

- suitable for BGS 1410 - 1411 - 1412









#### **Crimping Tool Set with 5 Pairs of Jaws**

- Crimping tool set with ratcheting function and adjustable jaws
- includes 5 exchangeable crimping jaws for:
- closed non-insulated terminal ends: AWG 20-18 / 16-14 / 12-10 / 8 DIN 1.5 / 2.5 / 6 / 10 mm<sup>2</sup> JIS 1.25 / 2 / 5.5 / 8 mm<sup>2</sup>
- insulated terminal ends:
   AWG 22-18 / 16-14 / 12-10
   DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm²
- open, non-insulated terminal end: AWG 22-18 / 16-14 / 12-10 DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm<sup>2</sup>
- small, insulated terminal end:
   AWG 22-18 / 16-14 / 12-10
   DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm²
- big, insulated terminal end: AWG 22 / 20 / 18 / 16 / 14 / 12 DIN 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm²

Supplied in an acid-proof blow mould case.







#### Crimping Tool Set including 1000 Terminals, assorted

- Crimping tool set with ratcheting function and adjustable jaws
- includes 2 exchangeable jaws for
- 1. insulated end terminals 0,5 6 mm² (red-blue-yellow)
- 2. non-insulated end terminals 1,5 10 mm<sup>2</sup>
- 1000 terminals included

Supplied in an acid-proof blow mould case.







#### BNC/TNX-Crimping Jaws for Art. 1410 / 1411

- for BNC/TNC-coaxial connectors RG 58, RG 59, EG 62









#### **Electronic Combination Pliers, Spring loaded, 120 mm**

- satin nickel plated
- slip guard handles with soft grips for comfort







#### Electronic Diagonal Side Cutter, Spring loaded, 115 mm

- satin nickel plated
- slip guard handles with soft grips for comfort







#### Electronic Diagonal Longnose Pliers, Spring loaded, 130 mm, straight

- satin nickel plated
- slip guard handles with soft grips for comfort







# Electronic Bent Nose Pliers, Spring loaded, 125 mm

- satin nickel plated
- slip guard handles with soft grips for comfort









## **Electronic End Cutting Pliers, Spring loaded, 105 mm**

- satin nickel plated
- slip guard handles with soft grips for comfort



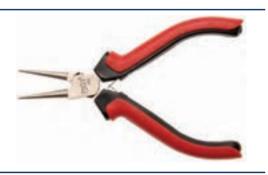




#### **Electronic Nose Pliers, 125 mm**

- especially suitable for roll bending of cables and other work in electronics and electric area
- 2-component handles
- straight type





#### **Precision Side Cutter**

- especially suitable for electriciansallows precise cutting of flexible and rigid cables
- suitable for copper cables up to 1.5 mm²
- length: 115 mm





#### **Precision Pliers Set "Mini"**

- 5-piece
- double spring loaded insulated handles

- combination pliers 120 mm diagonal side cutters 115 mm
- long nose pliers 130 mm
- bent nose pliers 105 mm
- end cutting pliers 105 mm

Supplied in a black zipper wallet











#### 3-piece VDE Pliers Set

- VDE approved DIN 60900 includes:
- combination pliers 180 mm wire stripper 160 mm
- side cutter 160 mm
- high quality zipper case



Item # 7158



#### **VDE Combination Pliers, 180 mm**

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip







#### **VDE Long Nose Pliers, 160 mm**

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip







## **VDE Long Nose Pliers, 200 mm**

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip









#### VDE Long Nose Pliers, 200 mm, angled

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip





#### VDE Side Cutter, 160 mm

- VDE approved according to DIN EN 60900 easy to handle with non-slip grip





#### VDE Side Cutter Heavy Duty, 180 mm

- VDE approved according to DIN EN 60900 easy to handle with non-slip grip





## **VDE Stripping Pliers, 160 mm**

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip





## **VDE Waterpump Pliers, 250 mm**

- VDE approved according to DIN EN 60900
- easy to handle with non-slip grip







#### 10-piece Electricians Tool Set

- 6 insulated screwdrivers:
- plain slot 0,5-0,8-1,0 mm cross slot PH 0-1-2
- 1 voltage tester 140 mm
- 1 diagonal side cutters 165 mm
- 1 combination pliers 180 mm
- 1 long nose pliers 160 mm



Item	#
346	



#### 10-piece Precision Mechanic Tool Kit

4 spring loaded precision pliers, satin nickel plated with pattern handles
- combination pliers 120 mm

- diagonal side cutters 115 mm
- long nose pliers 130 mm
- bent nose pliers 125 mm

6 precision screwdrivers, satin nickel plated blades with black finish magnetic tips, blades 50 mm long sizes:

- plain slot 2,0-2,5-3,0 cross slot PH 00-0-1

Supplied in synthetic leather wallet







# **4-piece Circlip Pliers Sets**

- Straight and bent tips
- for internal and external circlips
- non-slip cushion grip handles

Packed in a solid vinyl wallet



Item #	Description
450	4-piece Circlip Pliers Set, 150 mm
447	4-piece Circlip Pliers Set, 175 mm
650	4-piece Circlip Pliers Set, 225 mm
651	4-piece Circlip Pliers Set, 300 mm





#### Circlip Pliers, 180 mm

- for assembly and removal of retaining ringsspecially hardened tipscoated handle



Item #	Description
428	Circlip Pliers, 180 mm, straight, for outside circlips
429	Circlip Pliers, 180 mm, angular, for outside circlips
432	Circlip Pliers, 180 mm, straight, for inside circlips
434	Circlip Pliers, 180 mm, angular, for inside circlips



#### 3-piece Lock Ring Pliers Set for Drive Shafts

- for assembly of locking rings on driveshafts
   straight, bent and 30° offset type (available as 3 pcs. set or separately)



Item #	Description
66105	Lock Ring Pliers for Drive Shafts, 30° Bent Tip
66107	Lock Ring Pliers for Drive Shafts, straight type
66109	Lock Ring Pliers for Drive Shafts, bent type
66110	3-piece Lock Ring Pliers Set for Drive Shafts



# Internal Circlip Pliers, 90° Offset

- for internal clips
- self-opening
- length 165 mm
- tip length approx. 65 mm
- handles dip insulated







# 4-piece Snap Ring Pliers Set for small Locking Circlips

- 80 mm long
- tip-Ø 1 mm
- for internal and external locking circlips
- straight and bent pliers
- vinyl insulated handles









#### 4-piece Circlip Pliers Set

- internal and external jaws In 45°, 90° and straight for snap rings with  $\varnothing$  10 50 mm





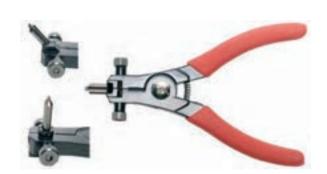


#### Professional Circlip Pliers, 165 mm long, for external Circlips

- adjustable and exchangeable tips
- straight +45° +90° via "quick adjusting"
- insulated handles



Item #	Description	
445	Professional Circlip Pliers, 165 mm long, for external Circlips	
446	Professional Circlip Pliers, 165 mm long, for internal Circlips	



#### 10-piece Circlip Pliers Set

- one pair of ratchet pliers each for internal and external clips
- 4 pairs of exchangeable tips for each pair of pliers: 8 possible applications
- circlips easy to adjust because of the ratcheting function
- length 265 mm



Item # 453



## Circlip Pliers Set, extra groß

- one pair of ratchet pliers each for internal and external clips
- 3 pairs of exchangeable tips for each pair
- of pliers = 6 possible applications
   circlips easy to adjust because of the ratcheting function
- for inner circlips from 16 to 80 mm
- for outer circlips from 11 to 73 mm
- length 420 mm
- for motor trucks and agricultural machines









#### Long Nose Self Grip Pliers, extra long

- chrome plated



Item #	Description
4496	Long Nose Self Grip Pliers, 380 mm
4497	Long Nose Self Grip Pliers, 500 mm



#### **Long Nose Self Grip Pliers**

- special steel
- nickel plated
- hardened and tempered jaw



Item #	Description
474	Long Nose Self Grip Pliers, 170 mm
475	Long Nose Self Grip Pliers, 225 mm
476	Long Nose Self Grip Pliers, 250 mm



#### Long Nose Self Grip Pliers, extra short, 125 mm

- special steel
- chrome plated
- 6 times riveted
- straight jaw



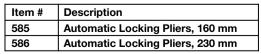




# **Automatic Locking Pliers**

- heavy duty finish self-adjusting, for one-handed operation
- self adjusting jaw width by automatic patented locking mechanism and not by conventional screw
- jaws can hold up to 20 mm thick workpieces (35 mm for 230 mm version)
- contact pressure can be fine-adjusted separately by screw, so you can find the correct pressure for each material and different applications
- rubberized quick release lever









#### 4-piece Grip Pliers Set

- self grip pliers in the following sizes: 125 mm, 180 mm, 250 mm long note pliers 150 mm
- adjustable pressure
- in pouch







#### Self Grip Pliers "Expert", 250 mm

- nickel plated
- expert qualityopening with vinyl quick release lever

In coloured box









#### Self Grip Pliers, Vinyl Release Lever, 250 mm

- special steel
- nickel plated
- opening with vinyl quick release lever









# Self Grip Pliers, 3 way adjustable, 225 mm

- special steel
- range up to 55 mm







## Self Grip Pliers, 225 mm

- special steel
- black finish
- adjustable
- polished & curved jaws











#### Self Grip Pliers, extra short, 100 mm

- special steel
- chrome plated
- 6 times riveted
- curved jaw







#### Automatic Needle Nose Locking Pliers, 190 mm

- heavy duty finishself-adjusting, for one-handed operation
- self adjusting jaw width by automatic patented locking mechanism and not by conventional screw
- jaws can hold up to 20 mm thick workpieces contact pressure can be fine-adjusted separately by screw, so you can find the correct pressure for each material and different applications
- rubberized quick release lever









#### Special Vice-Grip Locking Pliers, Claw Design, 26/35 mm

- special steel
- perfect hold on damaged screws/bolts through special claw design
- secure hold on pipes and lines







## Self Grip Welding Clamp, extra short, 110 mm

- special steel
- chrome plated
- 5 times riveted
- for holding bulky pieces of work (range up to 35 mm)
- flexible jaw







# Self Grip Welding Clamp "Expert", 280 mm

- special forged steel
- nickel plated
- opening with vinyl quick release lever









## Self Grip Welding C-Clamp, 280 mm

- forgednickel plated



Item # 496



## Self Grip Welding C-Clamp, 475 mm

- special steel
- forgednickel plated







#### L-Type Self Grip Pliers

- forgednickel plated
- with long arm for various clamping operations





Item #	Description
501	L-type Self Grip Pliers, 7" (75 mm Capacity)

## Special Self Grip Pliers with Quick Release Lever, 195 mm

- for working on car bodies, forging and clamping on door frames, wheel arches side panels, flanges, sheets and many more
- for plug welding in between the cut aways (e.g. door frames, flanges, etc.)









## Special Self Grip Pliers with Quick Release Lever, 195 mm

- for working on car bodies, forging and clamping on door frames, wheel arches side panels, flanges, sheets and many more
- for working on the whole body
- perfect assistance while assembling doors, wheel arches etc.







#### Special Self Grip Pliers with Quick Release Lever, Length 210 mm

- for working on car bodies, forging and clamping on door frames, wheel arches side panels, flanges, sheets and many more
- for plug welding in between the jaws
- diverse applications possible (e.g. side panels, roof, etc.)







## Automatic Fork Jaw Locking Pliers, 210 mm

- high duty finish
- self-adjusting, for one-handed operation
- self adjusting jaw width by automatic patented locking mechanism and not by conventional screw
- jaws can hold up to 35 mm thick workpieces
- contact pressure can be fine-adjusted separately by screw, so you can find the correct pressure for each material and different applications
- rubberized quick release lever









#### **16-piece Vice Grip Pliers Set**

- 3 round nose locking pliers, 185 x 55mm
  5 round nose locking pliers, 235 x 65 mm
  2 welding locking pliers 235 x 65 mm
  2 round nose locking pliers, 135 x 45mm
  2 welding clamp locking pliers 280 x 140 mm
  1 medium locking pliers
- 1 small locking pliers
- alle pliers have strong non-slip rubber handles



Item # 4495



#### **Professional Revolving Punch Pliers with Lever Transmission**

- punch sizes: 2-2,5-3-3,5-4-4,5 heavy duty finish
- lever transmission reduces the power needed







## Hole Punch and Eyelet Pliers, incl. Eyelet Assortment, 180 mm

- heavy duty finishincludes 100 pcs. eyelets









#### 275-piece Eyelets and Snap Fastener Assortment

- incl. self grip pliers18 interchangeable punch and die heads
- eyelets in various sizes
- 10 mm snap fastener for riveting and screwing

In plastic window case



Item #	Description
572	275-piece Eyelets and Snap Fastener Assortment
572-1	Eyelets and Snap Fastener Assortment for BGS 572, 195-piece



#### **Automatic Wire Twister, 310 mm**

- for twisting wires and ropese.g. to close garbage bags





#### Tinmans Shears, cuts left + straight, 260 mm

- tooth jaw forged from chrome vanadium steel
- red handles





## Tinmans Shears, cuts right + straight, 260 mm

- tooth jaw forged from chrome vanadium steel blue handles





## Hand Nibbler, 240 mm

- for cutting metal sheets up to 1.2 mm, plastic pipes and a wide variety of materials up to 2 mm thickness



Item #	Description
1605	Hand Nibbler, 240 mm
1606	Spare Blade for Item # 1605





#### Sheet Shear, 250 mm

- dip-coated handlesspring mechanismwith safety latch







#### Mini Bolt Cutter, 200 mm

- suitable for ferrous and non-ferrous metals
- hardened jaws



Item # 1917





- for cable diameters of up to 25 mm
- red / black cushion grip handle

Item # 329





## Steel Cable Cutter, 195 mm

- cuts steel cables up to Ø 5 mm
- cuts also spring wires up to Ø 1,5 mm SK5 high carbon steel blades











# Needle Pliers, 175 mm

- for bending and shaping and grasping wire
- self opening spring mechanism







#### **Hose Clamp Pliers**

- specifically made for space-saving hose clips
- ratchet mechanism for holding hose clips open
- suitable for most vehicles such as Alfa Romeo, Citroen, Fiat, Ford, Hyundai, Lancia, Mercedes, Opel, Peugeot, Porsche, Renault, Seat, Skoda, Toyota, Volvo, etc.
- especially suitable for new type hose clips on VAG fuel lines







#### 130 mm Stainless Steel Sharp Tip Tweezer, straight

- especially useful for bonding and loosening car wrapping, stickers, etc.







## Cable Stripper, 215 mm

- for stripping cables:
  0.5 0.65 0.8 1.0 1.3 1.6 2.0 mm
  12 14 16 18 20 22 24 AWG
  and 6 mm coaxial cables
- for crimping non-insulated terminals 0.3 0.5 1.25 2.0 mm
- specially hardened carbon steel

Item # 8643







# **Glow Plug Pliers**

- for removing electrical connectors on glow plugs
- double joint mechanism
- long version









#### **Pliers for Self-Locking Metal Bands**

- for tightening of self-locking metal bands installed on e.g. axle boots
- suitable for metal bands up to max. 10 x 0.4 mm



Item # 439

PRO+

## Open Terminal Crimping Jaws for Art. 1410 / 1411

 suitable for non-insulated open terminals, sizes AWG 20-18 / 16-14 / 12-10 or 0.5-1.0 / 1.5-2.5 / 4.0-6.0 mm<sup>2</sup>







#### Swedish Side Cutters, 165 mm

- non-slip 2-component grips, blue-black







## 3-piece Pliers Set

- non-slip, 2-component handles
- consisting of: 180 mm combination pliers 200 mm long nose pliers 165 mm side cutter
- in storage bag



Item # 8664





## Long Nose Pliers, straight

- non-slip 2-component grips, blue-black



Item #	Description
345	Long Nose Pliers, straight, 160 mm
347	Long Nose Pliers, straight, 200 mm



#### **Combination Pliers**

- non-slip 2-component grips, blue-black



Item #	Description
348	Combination Pliers, 160 mm
349	Combination Pliers, length 180 mm
351	Combination Pliers, length 200 mm



# 3-piece Hose Clamp Pliers Set

- for clamping rubber hoses, e.g. brake, fuel and coolant hoses approx. 30° angled
- suitable for tube Ø10, Ø15 and Ø24 mm
- fiberglass composite material

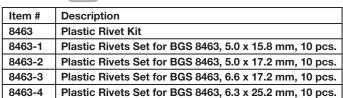




#### **Plastic Rivet Kit**

- for riveting e.g. plastic panels in the vehicle interior
- includes:
- 1 riveter
- 40 plastic rivets in following sizes:
- 10 Ø5,0 x 15,8 mm
- 10 Ø5.0 x 17.2 mm 10 Ø6.6 x 17.2 mm
- 10 Ø6.3 x 25.2 mm









## **CLIC Type Collar Pliers with Swivel Head**

- heads can rotate 360°,
   for lateral pre-tensioning of hose clamps
   lenght: 205 mm









- suitable for progressively adjustable clamps (without lug holding down device) installed on axle boots on VAG, Mercedes und Toyota special class for easy application
- automatic opening





