Innovation is our mission!
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SCREW HOSE CLAMPS

ERGOTORQUE® socket screwdriver
- 8 point
- Flexible
- Limited torque
- Double spiral shaft
- Plastic protective coating
- With hanging hole
- Chrome vanadium

ERGOTORQUE®plus socket screwdriver, extra long
- 8 point
- Flexible
- Limited torque
- Double spiral shaft
- Plastic protective coating
- Two component handle
- With hanging hole
- Chrome vanadium

ERGOTORQUE® screwdriver set
- Flexible blade with double spiral shaft
- Limited torque
- Plastic protective coating
- With hanging hole
- Contains also the most current 1/4" bits and sockets
- In display box

SPRING STRIP HOSE CLAMPS

Hose clamp tension device
- For assembly and disassembly of hose clamps
- Easy to use
- Less space required
- Wear-resistant spindle drive
- Hand-wheel operation
- 6-point and 1/4" drive
- Chrome molybdenum

Hose clamp gripping pliers
- Forged gripping jaws
- Serrated execution
- Size adjustment using the adjustment wheel
- Quick release lever
- Easy locking action
- For round and flat material
- Nickel plated
- Chrome vanadium

Hose clamp gripping pliers set
- Forged gripping jaws
- Serrated execution
- Size adjustment using the adjustment wheel
- Quick release lever
- Easy locking action
- For round and flat material
- Nickel plated
- Chrome vanadium

Hose clamp pliers
- Suitable for assembly and disassembly of spring clamps
- Optimal mounting due to special construction of jaws
- Includes locking mechanism and ratchet function
- PVC dipped handle
- Simple handling
- Special steel

Hose clamp pliers with prism reception
- For self-tensioning hose clamps with flat 3 pinch ends
- In particular for fuel lines, cooling and washing water hoses
- With prism attachment for spring clamps with flat adjoining ends
- Opening and closing the clamps without damage to the hose also in hard to reach places
- Self-opening
- Special steel

Application range: Audi, Mercedes, Toyota, Volkswagen etc.
Hose clamp pliers type MU2
- For secure and correct dismantling and assembly of clamps
- Suitable for flat fitting and eccentric clamps
- Includes locking mechanism and ratchet function
- For difficult to reach clamps
- For new type and hard to access steel band clamps
- Special tool steel (suitable for VAG 2.0 TDI / MC: BKD, Volkswagen Passat from 2005, Touran, Golf V, Skoda Octavia, Audi A3 etc.)

Hose clamp pliers with double bowden cable
- PVC dipped handle
- For spring pipe clamps
- With 600 mm bowden cable
- Adjustable length bowden cable
- Includes locking mechanism
- For difficult to reach clamps
- Special tool steel

Hose clamp pliers with bowden cable
- With PVC dipped handle
- For spring pipe clamps
- With 650 mm Bowden cable
- Includes ratchet function, locking mechanism and loosening lever
- Internal spring
- For difficult to reach spring clamps
- Chrome molybdenum

Hose clamp pliers type MU3
- For secure and correct dismantling and assembly of clamps
- Suitable for flat fitting and eccentric clamps
- With 600 mm bowden cable
- Adjustable length bowden cable
- Includes locking mechanism and ratchet function
- For difficult to reach clamps
- For new type and hard to access steel band clamps
- Special tool steel (suitable for VAG 2.0 TDI / MC: BKD, Volkswagen Passat from 2005, Touran, Golf V, Skoda Octavia, Audi A3)

Application range: VAG 2.0 TDI engines (BKD), especially suitable for hard to reach lower coolant hose

Hose clamp pliers, VAG
- Suitable for assembly or disassembly of spring clamps with reducing ends
- With PVC dipped handle
- With 600 mm Bowden cable
- Includes ratchet function, locking mechanism and loosening lever
- Internal spring
- For difficult to reach spring clamps
- Chrome molybdenum

Application range: VAG 2.0 TDI engines (BKD), especially suitable for hard to reach lower coolant hose

Hose clamp pliers with bowden cable
- Ideally suited for opening and closing hose clamps
- Suitable for hard to reach self-tensioning spring clamps
- With 590 mm strengthened Bowden cable
- Includes locking mechanism
- Internal spring
- The torsion of the pliers is reduced with strong clamps
- With quick change system for Bowden cable replacement
- 2 component handle
- Strengthened steel

Application range: MUBEA and NORMA

Hose clamp pliers with bowden cable
- With PVC dipped handle
- For spring pipe clamps
- With 650 mm Bowden cable
- Includes ratchet function, locking mechanism and loosening lever
- Internal spring
- For difficult to reach spring clamps
- Chrome molybdenum

Application range: MUBEA and NORMA
Hose clamp pliers with bowden cable

- For self-tensioning hose clamps
- With locking mechanism
- In particular for fuel lines, cooling and washing water hoses
- With 650 mm Bowden cable
- With flat attachment for spring clamps with flat adjoining ends
- Opening and closing the clamps without damage to the hose also in hard to reach places
- Self-opening
- With PVC dipped handle
- Special steel

Hose clamp pliers

- For the correct assembly and disassembly of spring clamps
- With 600 mm Bowden cable for hard to reach areas
- Step-less locking mechanism
- With quick-release lever
- Simple handling
- Special tool steel

Spring band clamp pliers with gooseneck

- For actuation of self-tensioning spring band clamps
- For cooling and heating systems
- Semi rigid, plastic coated gooseneck
- Convenient one handed operation in deep regions
- Fixing of the clamp by micro teeth
- Ideal for confined spaces
- Working head with raised grippers and wide opening
- Working head with slide guide and retraction spring
- With two component handle
- Chrome molybdenum

Application area: NORMA FBS, MUB FBS-STD, FBS-RSV, etc.

Click hose clamp pliers, angled

- Suitable for the correct assembly and disassembly of Click, Click-R and Cobra clamps
- Also suitable for self-tensioning hose clamps with flat 3 pinch ends
- 90° angled head
- Effortless opening and closing
- Forged bite jaws
- With PVC dipped handle
- Special steel

Click hose clamp pliers

- For the correct assembly and disassembly of Click, Click-R and Cobra clamps
- Also suitable for self-tensioning hose clamps with flat 3 pinch ends
- Re-usable V2A-clamps
- With PVC dipped handle
- With self-opening mechanism
- Chrome molybdenum

Application range: Volkswagen, Audi, Mercedes, Toyota etc.

Click hose clamp pliers, forged

- Suitable for the correct assembly and disassembly of Click, Click-R and Cobra clamps
- Also suitable for self-tensioning hose clamps with flat 3 pinch ends
- Re-usable V2A-clamps
- With PVC dipped handle
- With self-opening mechanism
- Chrome molybdenum

Application range: Volkswagen, Audi, Mercedes, Toyota etc.
Hose clamp pliers
- With moveable jaws
- 45° angled head
- Suitable for the correct assembly and disassembly of Click, Click-R and Cobra clamps
- Also suitable for self-tensioning hose clamps with flat 3 pinch ends
- Suitable for narrow spaces
- Chrome molybdenum

One Ear Hose Clamps
Hose clamp pliers, ear type
- With PVC dipped handle
- For the fitting of ear clamps
- No sticking up of the ears during the press process
- Uniform compressing of the ear piece
- No damage to the sleeve
- Nickel-plated finish
- Chrome molybdenum

Application range: Axle boots, coolant and fuel hoses for Volkswagen, Audi, Opel, BMW, Mercedes, Honda, Nissan and Mazda

Earless Hose Clamps
Hose clamp pliers, ear type
- Knurled handle
- To the dismantling and assembly of “ear type” hose clamp
- For connections on axle boots, coolers and fuel hoses
- Universal usage
- Chrome molybdenum

Application range: Axle boots, coolant and fuel hoses for Volkswagen, Audi, Opel, BMW, Mercedes, Honda, Chrysler, BMW and Audi

Hose clip pliers for earless hose bands
- With PVC dipped handle
- For working of earless clamps
- Also suitable for thermoplastic axle boots
- Uniform compressing of the ear piece
- No damage to the sleeve
- With lever translation
- Nickel-plated finish
- Chrome molybdenum

Application range: Axe boots for Audi, BMW, Chrysler, Ford, GM, Honda, Mazda, Mercedes, Nissan, Opel, Porsche, Volkswagen, etc.

Tension Bands
Stainless steel ball-lock cable ties
- Ideal for fastening axle boots, steering joints, etc.
- Adjustable as desired
- Stainless steel 304

Clamping and cutting tool for tubing bands
- Straps for attaching to CV joint boots
- Integrated clamping and cutting device
- Suitable for prefabricated and endless band clamps up to 9.5 mm
- Special steel

Hose clamp pliers for torque wrench
- Black plastic handle
- 3/8” drive for use with a torque wrench
- Enables clamping and/or compressing of the hose clamps
- Suitable for the stainless steel hose clamps on drive shafts
- Robust cast steel construction
Plier for stainless steel ball-lock cable ties

- Ideal for working stainless steel cable binders
- Can be used up to a tape width of 12 mm
- Controlled tensioning and precise cutting off of the cable binder in a single step
- Tensile force is determined by the operator
- Suitable for steel, stainless steel and epoxy cable binder
- Special steel

Hose strap cutter, angled

- To be sliced from earless hose clamps
- For connections on axle boots, coolers and fuel hoses
- Dipped covered handle
- Chrome vanadium

Hose strap cutter, angled

- For cutting off earless hose clamps
- For connections on axle boots, cooler and fuel hoses
- Damage-free opening of clamps and tubing bands
- Universal usage
- Nickel-plated finish

**SPRING WIRE HOSE CLAMPS**

Hose clamp pliers

- PVC dipped handle
- For spring pipe clamps
- Includes locking mechanism and ratchet function
- Chrome molybdenum

**Hose clamp pliers**

<table>
<thead>
<tr>
<th>A (mm)</th>
<th>C (mm)</th>
<th>L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-45</td>
<td>17/5</td>
<td>325-200</td>
</tr>
</tbody>
</table>

**FUEL PIPE CLAMP PLIERS**

Fuel pipe clamp with Bowden cable for quick coupling

- For correct unbolt of fuel pipe coupling
- With locking mechanism
- Especially for fuel pipe couplings on which the unbolt elements are reached from the side
- With 600 mm Bowden cable
- No damage to the compression coupling, fuel pipes and fuel hoses
- Quick and easy separation of the fuel pipes
- With PVC dipped handle
- Matt chrome
- Special tool steel

Application range: Audi, Chrysler, Fiat, Opel, Renault, Mercedes, Volkswagen etc.

**Hose clamp pliers**

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<tr>
<th>A (mm)</th>
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<td>0-36.0</td>
<td>15.0</td>
<td>230-200</td>
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</table>

**Automotive hose clamp pliers set**

- Handle dip insulated
- Ideal for clamps low down in the engine
- Includes locking mechanism
- For self-tensioning spring pipe clamps with 3 point mounting
- Self opening
- For opening and closing reusable hose clamps, type Clic-R
- For difficult to reach clamps
- Special tool steel

Application area: For connecting and removing fuel, immersed ventilation, coolant, washer water and vacuum hoses, etc.

Application range: Volkswagen, Audi, Mercedes Benz, Toyota etc.

**Hose clamp pliers**

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<td>325-200</td>
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</table>

**Hose clamp pliers set**

- Consists of:
  - 7 pcs Automotive hose clamp pliers set 7.00
  - 4 pcs Automotive hose clamp pliers set 1.00

115.1045 Hose clamp pliers (click type), 180mm 215
115.1042 Hose clamp pliers (recessed/slotted), 220mm 210
115.1187 Hose clamp pliers with prism, 8-18mm 185
115.1005 Hose clamp pliers (80 bowden cable), 650mm 540

**Automotive hose clamp pliers set**

- PVC dipped handle
- For opening and closing of cobra hose clamps
- Swivel pressed jaws
- Includes locking mechanism and ratchet function
- Self opening mechanism
- For the dismantling and assembly of hose clamps
- Includes bowden cable
- Chrome molybdenum

Application range: Volkswagen, Audi, Mercedes Benz, Toyota etc.

**Automotive hose clamp pliers set**

<table>
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<td>15.0</td>
<td>230-200</td>
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</tbody>
</table>
Hose clamp set
• For easy clamping of flexible hose parts from 10.0 mm (3/8") to 45.0 mm (1.3/4")
• Continuous flow rate regulation, sensitive flow rate regulation in complete flow rate stop
• The hose is clamped over a wide area against the sturdy steel cross, damage to the hose is therefore prevented
• With revolving clamp wing from metal
• Ideal for maintenance work with petrol, oil, water and radiator antifreeze
• Protects from drips from petrol, oil, water and radiator antifreeze
• Ideally suitable for passenger cars, transporters, MPVs, commercial vehicles, tractors, agricultural machinery, construction machinery and industrial usages
• Temperature resistant up to 160 °C
• Special steel

Hose clamp pliers set 90° angled
• For simple clamping of flexible hoses from 15.9 mm (5/8") up to 60.0 mm (2.3/8")
• Angled design for use in confined spaces
• For stopping the flow
• The hose is a broad area squeezed against the stable support surface, damaging the hose is avoided
• Variable adjustment with locking function
• Ideal for maintenance work with gasoline, oil, water and antifreeze
• Protects against leakage of fuel, oil, water and antifreeze
• Ideal for use in passenger cars, vans and large vans, commercial vehicles, tractors, agricultural machinery, construction machinery and industrial applications
• Heat resistant up to 160 °C
• Plastic

HOSE ASSEMBLY AND REMOVAL TOOLS

HOSE PIPE CLAMPING TOOLS

Fuel pipe pliers for compression coupling
• For correct opening of fuel pipe coupling
• Extra-flat jaws ends
• No damage to the compression coupling, fuel pipes and fuel hoses
• Quick and easy separation of the fuel pipes and fuel hoses
• Self-closing
• With PVC dipped handle
• Special steel

Hose release pliers
• Suitable for releasing secured cooling hoses
• Securing screw for adjusting jaws
• Gentle on materials
• Lower power usage
• Simple operation
• Plastic handle
• Special steel

Hose pipe clamp sets

Hose clamp set
A | B | C | G
115.1041 | 150.0 | 70.0 | 10.0 | 470
115.1042 | 150.0 | 70.0 | 10.0 | 470
115.1043 | 150.0 | 70.0 | 10.0 | 470
115.1044 | 150.0 | 70.0 | 10.0 | 470
115.1045 | 150.0 | 70.0 | 10.0 | 470
115.1046 | 150.0 | 70.0 | 10.0 | 470
115.1047 | 150.0 | 70.0 | 10.0 | 470
115.1048 | 150.0 | 70.0 | 10.0 | 470

Hose clamp pliers set
A | B | C | G
115.1049 | 0-30 | 195.0 | 70.0 | 109.0

Hose clamp pliers

Hose clamp pliers set 90° angled
A | B | C | G
115.1050 | 0-30 | 195.0 | 70.0 | 109.0

Hose clamp sets

Hose release pliers

Hose clamp pliers set

Hose pipe clamp sets

ALLinONE Hose clamp pliers set
• Complete sealing of pipe lines, 4.75 mm (3/16") to 14.0 mm (9/16")
• Rotary magazine with 4 slots for the corresponding pipe size
• Suitable for maintenance work with gasoline, oil, water and antifreeze
• Protects against ingress of moisture and dirt
• Ideal for use in passenger cars, vans and large vans, commercial vehicles, tractors, agricultural machinery, construction machinery and industrial applications
• Special plastic

Hose release pliers

Hose clamp pliers set

Hose clamp sets

Hose pipe clamp sets
THE BEST CHOICE FOR THE MECHANIC

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