<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin Wrench</td>
<td>454</td>
</tr>
<tr>
<td>Box Spanners</td>
<td>454-455</td>
</tr>
<tr>
<td>Securing Bolts</td>
<td>455</td>
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<tr>
<td>Pliers</td>
<td>456</td>
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<tr>
<td>Pry Bar</td>
<td>456-457</td>
</tr>
<tr>
<td>Support Devices</td>
<td>457-458</td>
</tr>
<tr>
<td>Hook Wrench</td>
<td>458-459</td>
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<tr>
<td>Pullers</td>
<td>459-461</td>
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<tr>
<td>Prisms</td>
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<tr>
<td>Oil Service Tools</td>
<td>461-464</td>
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<td>Hand Pumps</td>
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<td>Filling</td>
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<tr>
<td>Drip Pans</td>
<td>465-466</td>
</tr>
<tr>
<td>Old Oil Fall Arresters</td>
<td>466</td>
</tr>
</tbody>
</table>
PIN WRENCH

Pin wrench for rear axle shaft flange
- Ideal for actuating the rear axle shaft flange on Mercedes
- For a professional repair
- Special profile
- Internal square drive to DIN 3120 - ISO 1174
- Special steel

Application range: Mercedes W116, W123, W126

<table>
<thead>
<tr>
<th>D mm</th>
<th>L mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>450.0106</td>
<td>55.0 90.0 420</td>
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</table>

Pin wrench for transmission flange
- Ideal for actuating the transmission flange on Mercedes
- For a professional repair
- Special profile
- Internal square drive to DIN 3120 - ISO 1174
- Special steel

Application range: Mercedes

<table>
<thead>
<tr>
<th>D mm</th>
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</thead>
<tbody>
<tr>
<td>450.0108</td>
<td>42.0 70.0 440</td>
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</table>

Pin wrench for differential flange
- Ideal for actuating the differential flange on Mercedes
- For a professional repair
- Special profile
- Internal square drive to DIN 3120 - ISO 1174
- Special steel

Application range: Mercedes

<table>
<thead>
<tr>
<th>D mm</th>
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<tr>
<td>450.0111</td>
<td>42.0 70.0 370</td>
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</table>

BOX SPANNERS

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Volkswagen Golf VI, VII, Scirocco, Tiguan, Touran, Passat (5C), Passat CC, Audi A3, TT, Seat Leon, Altea, Škoda Octavia (1Z), Superb (3T), etc.

<table>
<thead>
<tr>
<th>D mm</th>
<th>B1 mm</th>
<th>L mm</th>
<th>T mm</th>
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</thead>
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<tr>
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<td>24.0</td>
<td>33.0</td>
<td>29.0</td>
</tr>
</tbody>
</table>

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: BMW 1 series (F20)/3 series (E36, E46, E90), Citroën Saxo/C2, Dacia Sandero, Ford Galaxy, Fiat Seicento, Mercedes A class (W168)/C class (W203)/E-class (W211)/SL (W129)/W123/W124/W126 (W201), Opel Astra F/Astra G, Renault Scenic/Clio/Kangoo, Toyota Avenis/Picnic, Volkswagen Golf III/Golf IV/Lupo/Touareg/T5, etc.

<table>
<thead>
<tr>
<th>D mm</th>
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<th>L mm</th>
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</table>

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Fiat Punto/Seicento, Ford Fiesta/Fusion/ Mondeo, Mercedes C class (W204)/S class (W140), Nissan Almera, Opel Astra H/Vivaro, Subaru Outback, etc.

<table>
<thead>
<tr>
<th>D mm</th>
<th>B1 mm</th>
<th>L mm</th>
<th>T mm</th>
</tr>
</thead>
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<tr>
<td>917.1275</td>
<td>24.0</td>
<td>33.0</td>
<td>29.0</td>
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</table>

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Mercedes S class (W140), Škoda Fabia, Volkswagen Polo

<table>
<thead>
<tr>
<th>D mm</th>
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<td>33.0</td>
</tr>
</tbody>
</table>

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Mercedes C class (W203), Škoda Fabia, Volkswagen Polo

<table>
<thead>
<tr>
<th>D mm</th>
<th>B1 mm</th>
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<tbody>
<tr>
<td>917.1277</td>
<td>30.0</td>
<td>41.0</td>
<td>33.0</td>
</tr>
</tbody>
</table>

12 Point socket, deep
- Ideal for releasing and screwing in securing nuts, e.g. front and rear axle drive shafts, on the wheel bearings as well as wheel bearings or transmission or differential flanges
- 12-point
- Internal square to DIN 3120/ISO 1174 with ball reception
- Long design
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Mercedes S class (W140), Škoda Fabia, Volkswagen Polo

<table>
<thead>
<tr>
<th>D mm</th>
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<tr>
<td>917.1278</td>
<td>36.0</td>
<td>48.0</td>
<td>38.0</td>
</tr>
</tbody>
</table>
Special torsion bar socket

- Ideal for releasing and securing the nut of the torsion bar, e.g. when removing the transmission, changing the wheel bearings or when disassembling the brake force compensator.
- Time-saving assembly and disassembly
- For exact calibration
- Internal square to DIN 3120/ISO 1174 with ball reception
- Bored deep
- Specially determined lengths
- Matt finish
- Chrome vanadium

Application range: Volkswagen T4

Drive shaft bit socket-set for spline (XZN®)-Screws

- Ideally suited to assembly and disassembly of screws on drive shaft flange (transmission side) from the wheel casing.
- Internal square drive to DIN 3120/ISO 1174 with ball reception
- Extra long execution
- With sand blasted bit insert
- Matt finish
- Chrome vanadium

Application range: Audi, Seat, Škoda, Volkswagen, etc.

SECURING BOLTS

VAG M12 subframe locating pin set

- Ideally suited for adjustment of the subframe (chassis) when assembling.
- It is necessary to renew the rubber bushes as well as for all work when the subframe is disassembled.
- Allows for great time saving, since a the axle does not need to be measured.
- Simple assembly
- Special steal
- In durable plastic storage case


VAG M14 subframe locating pin set

- Ideally suited for adjustment of the subframe (chassis) when assembling.
- It is necessary to renew the rubber bushes as well as for all work when the subframe is disassembled.
- Allows for great time saving, since a the axle does not need to be measured.
- Simple assembly
- Special steal
- In durable plastic storage case


Drive shaft housing drive socket

- Suitable for hard to reach transmission housing screws.
- Allows for secure mounting and makes it reachable.
- Secure fix
- Weight-loading universal joint
- Compact shape
- Chrome plated and mirror polished
- Chrome vanadium

Application range: Opel

Drive shaft bit socket for spline (XZN®)-Screws

- Ideally suited to assembly and disassembly of screws on drive shaft flange (transmission side) from the wheel casing.
- Internal square drive to DIN 3120/ISO 1174 with ball reception
- Extra long execution
- With sand blasted bit insert
- Matt finish
- Chrome vanadium

Application range: Ford Galaxy, Seat Alhambra, Volkswagen Sharan, etc.

GEARFix® Double ring ratcheting spanner for TX E profile

- Ideally suited for the assembly and disassembly in tight fitting areas and changing the transmission.
- TX E
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium

Application range: Ford Galaxy, Seat Alhambra, Volkswagen Sharan, etc.

GEARFix® Double ring ratcheting spanner set for TX E profile

- Ideally suited for the assembly and disassembly in tight fitting areas and changing the transmission.
- TX E
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium

Application range: Ford Galaxy, Seat Alhambra, Volkswagen Sharan, etc.

Transmission housing drive socket

- Suitable for hard to reach transmission housing screws.
- Allows for secure mounting and makes it reachable.
- Secure fix
- Weight-loading universal joint
- Compact shape
- Chrome plated and mirror polished
- Chrome vanadium

Application range: Opel

Drive shaft bit socket-set for spline (XZN®)-Screws

- Ideally suited to assembly and disassembly of screws on drive shaft flange (transmission side) from the wheel casing.
- Internal square drive to DIN 3120/ISO 1174 with ball reception
- Extra long execution
- With sand blasted bit insert
- Matt finish
- Chrome vanadium

Application range: Audi, Seat, Škoda, Volkswagen, etc.

GARFix® Double ring ratcheting spanner for TX E profile

- Ideally suited for the assembly and disassembly in tight fitting areas and changing the transmission.
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Application range: Ford Galaxy, Seat Alhambra, Volkswagen Sharan, etc.

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- Chrome plated and mirror polished
- Chrome vanadium

Application range: Ford Galaxy, Seat Alhambra, Volkswagen Sharan, etc.

Special st
**PLIERS**

**Drive shaft securing ring teeth with 30° angled tips**
- 30° angled
- With PVC dipped handle
- Self-closing
- Plier head with cut out and ring stop body
- For the disassembly and assembly of nut caps without lug retainer
- Chrome vanadium

**Application range:** For the dismantling of the external (bellows joints) in the exchange of the axle boots and / or the drive shaft sleeves, e.g.: for Audi, Opel, Volkswagen (Golf, T4), Fiat, Mitsubishi.

**Drive shaft securing ring teeth with slightly angled tips**
- Slightly angled
- With PVC dipped handle
- Self-closing
- Checkered plier head
- For the disassembly and assembly of drive shaft circlips without lug retainer
- Slip proof
- Chrome vanadium

**Application range:** For the removal of external circlips e.g. on drive shafts, transmissions, etc.

**Drive shaft securing ring teeth with serrated tips**
- With PVC dipped handle
- Serrated and angular tips
- Self-closing
- For assembly and disassembly of the securing rings on drive shafts
- For external security rings
- No slipping due to the serrated tips
- Chrome molybdenum

**Application range:** Opel, Mercedes, Volkswagen, etc.

**Drive shaft securing ring teeth with shaped tips**
- With PVC dipped handle
- Shaped tips
- Self-closing
- For assembly and disassembly of the securing rings on drive shafts
- For external security rings
- No slipping due to the serrated tips
- Chrome molybdenum

**Application range:** BMW, Opal, Ford, Mercedes, Volkswagen, etc.

**PRY BAR**

**Pry bar**
- Ideally suited to assembly and disassembly work
- For pressure testing securely fitted parts
- Suitable for positioning parts or holding parts in place
- 1 piece handle
- Hardened
- Chrome molybdenum

**Pry bar sets**
- Ideally suited to assembly and disassembly work
- For pressure testing securely fitted parts
- Suitable for positioning parts or holding parts in place
- 1 piece handle
- Hardened
- Chrome molybdenum
Mechanics pry bar

- Angular lever end guarantees non-slip surface
- With go-through blade and hammer cap
- Ideally suited to assembly and disassembly work
- For pressure testing securely-fitted parts
- Suitable for positioning parts or holding parts in place
- Suitable for the testing of defective bearings
- With two component handle
- Heavy design especially for commercial vehicles
- Special steel

Mechanics pry bar set

- Angular lever end guarantees non-slip surface
- With go-through blade and hammer cap
- Ideally suited to assembly and disassembly work
- For pressure testing securely-fitted parts
- Suitable for positioning parts or holding parts in place
- Suitable for the testing of defective bearings
- With two component handle
- Heavy design especially for commercial vehicles
- Special steel
- In durable plastic storage case

### Inextensible ratchet pry bar

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Ideally suited for commercial vehicles
- Special steel

<table>
<thead>
<tr>
<th>L (mm)</th>
<th>H (mm)</th>
<th>Ø (mm)</th>
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</thead>
<tbody>
<tr>
<td>911.8170</td>
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<td>911.8171</td>
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<tr>
<td>911.8173</td>
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</table>

### Adjustable joint roll head pry bar set

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Ideally suited for commercial vehicles
- Special steel

<table>
<thead>
<tr>
<th>L (mm)</th>
<th>Ø (mm)</th>
<th>L2 (mm)</th>
<th>H (mm)</th>
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<tbody>
<tr>
<td>911.8173</td>
<td>3 pcs</td>
<td>Adjustable joint roll head pry bar set</td>
<td>1.20</td>
</tr>
</tbody>
</table>

### Roller head telescopic pry bar

- Handle can be lengthened by the push button in ratchet steps
- Rolling head adjustable in stages
- Extra thin with embedded rolling head
- Maximum power in the smallest areas
- Optimal leverage in minimal work area
- Ideally suited to assembly and disassembly work
- For pressure testing securely-fitted parts
- Suitable for positioning parts or holding parts in place
- Suitable for the testing of defective bearings
- Ideal for use in passenger cars and commercial vehicles
- Special steel

<table>
<thead>
<tr>
<th>L (mm)</th>
<th>H (mm)</th>
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<tbody>
<tr>
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</table>

### SUPPORT DEVICES

**Universal engine supporting beam**

- Highest flexibility thanks to adjustable and flexibly positionable construction
- Universal usage
- Simple handling and quick repair
- Hooks rotatable and adjustable in longitudinal direction
- Supporting plates height adjustable with non-slip feet
- Secure supporting of engine or transmission
- Assembly and access unhindered below possible, through it to the engine compartment
- Special steel

**Application range:** Timing belt changing, clutch changing, etc.

**Hydraulic transmission jack**

- Ideal for installing and removing motors, transmissions, couplings, etc.
- Uncomplicated lifting with hydraulic foot pump
- Continuous adjustment allows for precise positioning
- Slow release of the load possible with hand wheel
- Includes overload valve
- With integrated safety stop handle
- High stability due to wide wheel spacing
- Good manoeuvrability through four oil and acid resistant nylon direct castors
- Extra large covering for lifting
- Wide wheel spacing ensures more stability and manoeuverability when loaded
- Robust shape

<table>
<thead>
<tr>
<th>L (mm)</th>
<th>H (mm)</th>
<th>Ø (mm)</th>
</tr>
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<tbody>
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**Universal engine supporting beam**

<table>
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</tr>
<tr>
<td>160.0332</td>
<td>610.0</td>
<td>46.00</td>
</tr>
</tbody>
</table>
Hydraulic transmission lever with adjustable and inclining table

- Ideal for the safe installing and removing of motors, transmission, couplings, etc.
- Tough design
- Uncomplicated lifting with hydraulic foot pump
- Continuous adjustment allows for precise positioning
- Especially wide working area
- Slow release of the load possible with the foot pump
- Includes overload valve
- With integrated safety stop handle
- Ground plate can be inclined and adjusted into position/hori- zontal with incl. demounting -10°/+20°
- Includes 400 mm wide support rail with support chains for secure tensioning
- Chains can be adjusted from 130-430 mm
- High stability due to wide wheel spacing
- Transmission holder attached to the piston rod
- Includes transmission holder
- Good manoeuvrability through four oil and acid resistant nylon direct castors
- Extra-large covering for lifting
- Wide wheel spacing ensure more stability and manoeu- v rability when loaded
- Robust shape

Fixed hook wrench with pin

- In accordance to DIN 1810 Form B
- With hanging hole
- For pin type round nuts
- Chrome vanadium

Pin-type face wrench set, seamlessly adjustable with interchangeable pins

- Universal application for common two-hole nuts
- With interchangeable pins
- Each double pin wrench is replacing 4 single key sizes
- Adjustable in diameter
- Phosphate finish
- Special steel
- In durable plastic storage case

Pin-type face wrench

- DIN 3.116 A
- Phosphate finish
- Special steel

Fixed hook wrench with nose

- In accordance to DIN 1810 Form A
- In accordance to DIN 1810 Form B
- With hanging hole
- For slotted nuts
- Burnished
- Chrome vanadium

Pin-type face wrench set, seamlessly adjustable with interchangeable pins

- Universal application for common two-hole nuts
- With interchangeable pins
- Each double pin wrench is replacing 4 single key sizes
- Adjustable in diameter
- Phosphate finish
- Special steel
- In durable plastic storage case

Hook wrench with nose

- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Matte finish
- Chrome vanadium
Flexible hook wrench with pin
- In accordance to DIN 1810 Form B
- With flexible head
- With hanging hole
- For pin type round nuts
- Matt finish
- Chrome vanadium

Hook wrench with nose
- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Matt finish
- Chrome vanadium

Flexible hook wrench with pin
- In accordance to DIN 1810 Form B
- With flexible head
- With hanging hole
- For pin type round nuts
- Matt finish
- Chrome vanadium

Hook wrench with nose
- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Matt finish
- Chrome vanadium

Universal 2 arm puller
- Through reversing the arms internal and external applications are possible
- Hydraulic spindles available for thread G1/2’’ / G3/4’’ / G1’’
- Extremely robust spindle with inductively hardened thread
- Special steel

Transmission puller set with slim hooks for Volkswagen
- For removing the 5th or 6th transmission
- Includes 2 and 3 arm traverse
- The very thin arms are specially adapted for this use
- Quick tension function
- Saves a lot of time
- Slim hooks
- Ideal for confined spaces
- Uniform load distribution and centred tightening
- Through reconnecting the hooks internal and external applications are suitable
- Extremely robust spindle with inductively hardened thread
- Requires tight expenditure of energy
- Special steel

Application range: Volkswagen Golf V, Golf V Plus, Touran, etc.
Universal puller set
- Slim hooks
- Ideal for confined spaces
- Uniform load distribution and centered tightening
- Through reconnecting the hooks internal and external applications are suitable
- Different hook variants and hydraulic spindles can be retrofitted
- Extremely robust spindle with inductively hardened thread
- Requires light expenditure of energy
- Special steel

Position internal extractor
- Centering shaft
- For the accurate fitting of bearings and bushes
- Special steel

Universal bearing and bush driver set
- Universal applicable range
- Can be used manually with a hammer or workshop press
- Applications from 18.0 - 65.0 mm
- Pressure plates are for the two driving spindles
- Special steel
- In durable plastic storage case

Puller arm, 210 mm 530
Two armed traverse 485

Universal clamping yoke
- For universal 2 arm puller
- Clamping yoke compresses the legs firmly
- Prevents slipping
- Special steel

Precision internal extractor
- In durable plastic storage case

Double ended support for internal extractor
- Extremely robust spindle with inductively hardened thread
- Special steel

Universal bearing and bush driver set

- Pre for uni different hook variants and hydraulic spindles can be forming load distribution and centered tightening
- Extremely robust spindle with inductively hardened thread

Slide hammer
- Suitable for small ball bearings
- Ideal for limited access areas
- Special steel

Pressure plate, 61mm 266
Pressure plate, 59mm 247
Pressure plate, 57mm 231
Pressure plate, 54mm 205
Pressure plate, 49mm 165
Pressure plate, 47mm 153
Pressure plate, 46mm 144
Pressure plate, 40mm 105
Pressure plate, 39mm 97
Pressure plate, 38mm 93
Pressure plate, 37mm 90
Pressure plate, 36mm 87
Pressure plate, 35mm 84
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Pressure plate, 0mm 62
Pressure plate, 0mm 64
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Pressure plate, 0mm 276
Pressure plate, 0mm 278

Universal bearing and bush set

- Pre for uni different hook variants and hydraulic spindles can be forming load distribution and centered tightening
- Extremely robust spindle with inductively hardened thread

Pre for uni different hook variants and hydraulic spindles can be forming load distribution and centered tightening
- Extremely robust spindle with inductively hardened thread

Pre for uni different hook variants and hydraulic spindles can be forming load distribution and centered tightening
- Extremely robust spindle with inductively hardened thread
CONSIST OF:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>700.1390</td>
<td>Pressure plate, 63mm</td>
</tr>
<tr>
<td>700.1397</td>
<td>Pressure plate, 64mm</td>
</tr>
<tr>
<td>700.1399</td>
<td>Pressure plate, 65mm</td>
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<tr>
<td>700.1400</td>
<td>Support plate, 75mm</td>
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PRISM SUPPORT PLATE, 75MM 500

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<tbody>
<tr>
<td>700.1390</td>
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<tr>
<td>700.1397</td>
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<tr>
<td>700.1399</td>
<td>Pressure plate, 65mm</td>
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<td>700.1400</td>
<td>Support plate, 75mm</td>
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PRISM UNIVERSAL PRISM PLATE Ø 62,0 mm

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<tr>
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PRISM PRISM PLATE Ø 67,0 mm

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<tr>
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PRISM PRISM PLATE Ø 72,0 mm

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<tr>
<td>700.1793</td>
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OIL SERVICE TOOLS

TRANSFORMATION OIL DIGICLICK

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.9297</td>
<td>Transmission oil dipstick</td>
</tr>
</tbody>
</table>

OIL CONTROL ROD FOR MERCEDES BENZ

<table>
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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>100.9281</td>
<td>Oil control rod, 920 mm</td>
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<tr>
<td>100.9282</td>
<td>Oil control rod, 930 mm</td>
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<tr>
<td>100.9283</td>
<td>Oil control rod, 990 mm</td>
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</table>

OIL DRAIN BIT SOCKET FOR SPLINE (XZN®) SCREWS

<table>
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<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>150.9297</td>
<td>Oil drain bit socket for spline (XZN®) screws</td>
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</table>

FLEXIBLE OIL SERVICE BIT SOCKET FOR INTERNAL HEXAGON SCREWS

<table>
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<th>Item</th>
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</thead>
<tbody>
<tr>
<td>100.9281</td>
<td>Flexible oil service bit socket for internal hexagon screws</td>
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OIL DRAIN BIT SOCKET FOR M16/37,0/55 SCREWS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>150.9297</td>
<td>Oil drain bit socket for spline (XZN®) screws</td>
</tr>
</tbody>
</table>
Oil filter wrench for Haldex transmission

- For quick and correct assembly and disassembly of the hard to reach oil filter on the Haldex transmission
- 12-point
- Matt finish
- Chrome vanadium

Application range: Volkswagen Golf/Passat/Sharan/Caddy/Tiguan/Transporter T5 (4MOTION Models), Škoda Yeti/Octavia II/Superb II with all-wheel transmission shift.

Oil service wrench hexagon wrench for Mercedes and BMW

- For the quick and correct assembly and disassembly of the oil filling screw on the transmission
- Internal hexagon
- External hexagon
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium


Oil service internal hexagon wrench

- For the quick and correct assembly and disassembly of the oil sump, transmissions and differential
- Internal hexagon
- With joint
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Renault, Peugeot, Citroën, Volvo, etc.

Oil service wrench hexagonal point for Fiat/Alfa Romeo

- For the quick and correct assembly and disassembly of the oil sump, transmissions and differential
- Internal hexagon
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Alfa Romeo, Fiat, Lancia, Lada, etc.

Oil service wrench square socket for PSA

- For the quick and correct assembly and disassembly of the reduction screws on the oil sump, transmissions and differential
- Internal square
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Renault, Dacia, Peugeot, Citroën, etc.

Oil service wrench for VAG

- For the quick and correct assembly and disassembly of the oil filling screw on the transmission and the oil drain plug on the oil sump
- Internal hexagon
- External hexagon
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Audi, Seat, Škoda and Volkswagen

8 in 1 Oil service wrench

- For the quick and correct assembly and disassembly of the oil reduction and oil filling screws on transmission, the oil sump and differential
- Special wrench with 8 gear profiles
- Profile change by turning the wrench head
- For manual operation
- Special steel

Profile and wrench widths:
- 4-point: 10.0 - 11.0 - 12.0 - 13.0 - 14.0 - 15.0 mm
- 8-point: 14.0 - 17.0 mm

Application range: Audi, Seat, Ford, Renault, Volkswagen, etc.

Oil service hexagon wrench for Mercedes and BMW

- For the quick and correct assembly and disassembly of the oil filling screw on the transmission
- Internal hexagon
- External hexagon
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Mercedes Gearbox: 102, 103, 104, 110, 115, 116, 117, 119, 120, 123, BMW

Oil service hexagon wrench for Mercedes and BMW

- For the quick and correct assembly and disassembly of the oil filling screw on the transmission
- Internal hexagon
- External hexagon
- Specially shaped for use
- For manual operation
- Matt finish
- Chrome vanadium

Application range: Audi, Seat, Ford, Renault, Volkswagen, etc.

8 in 1 Oil service wrench

- For the quick and correct assembly and disassembly of the oil reduction and oil filling screws on transmission, the oil sump and differential
- Special wrench with 8 gear profiles
- Profile change by turning and snapping the wrench head
- For manual operation
- Matt chrome
- Special steel

Profile and wrench widths:
- 4-point: 8.0 - 10.0 mm - 3/8" - 5/16"
- 6-point: 10.0 - 12.0 - 14.0 - 17.0 mm

Application range: Audi, Seat, Ford, Renault, Volkswagen, etc.
Oil service hexagonal socket with magnet

- 6 point
- Flank/Traction profile
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- With strong, integrated magnets
- The magnets prevent the screws from falling down into the collection pans
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Audi, Alfa Romeo, Ford, Mercedes, Nissan, Toyota, Volkswagen, etc.

---

Oil service bit socket for internal square screws with magnet

- Internal square
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- With strong, integrated magnets
- The magnets prevent the screws from falling down into the collection pans
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Renault, Dacia, Ford, Opel, Mitsubishi, Nissan, Volvo, etc.

---

Oil service square socket

- 4 point
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** BMW, Ford, Renault, Toyota, etc.

---

Oil service TX socket with magnet

- TX with pins
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- With strong, integrated magnets
- The magnets prevent the screws from falling down into the collection pans
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Opel, Mercedes, Fiat, etc.

---

Oil service bit socket for internal hexagon screws with magnet

- Internal hexagon
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- With strong, integrated magnets
- The magnets prevent the screws from falling down into the collection pans
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Audi, Seat, Opel, Fiat, Ford, Volkswagen, etc.

---

Oil service square socket

- 4 point
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Renault, Citroën, Peugeot, etc.

---

Oil service TX socket with magnet

- TX with pins
- Special socket for assembly and disassembly of oil drain and transmission oil control screw
- With strong, integrated magnets
- The magnets prevent the screws from falling down into the collection pans
- Internal square in accordance with DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium

**Application range:** Audi, Ford, Renault, Peugeot, Mercedes, etc.

---

Oil service wrench set

- For conical screws on the oil sump, transmission differential, etc.
- Special wrench set for the assembly and disassembly of most oil drains and transmission oil control screws
- External drive hexagonal socket 21.0 mm
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium
- In durable steel storage case

**Application range:** Audi, Ford, Renault, Peugeot, Mercedes, etc.
**OIL SERVICE SOCKET**

- Oil service hexagonal socket with magnet, 150.1404
- Oil drain screw hexagon-Socket 8 + 10 mm 110
- Oil service square socket, 150.9393
- Oil drain screw socket hexagon 5/16" + 3/8" 110
- 3/8" Oil service bit socket for internal square, 150.1427
- 3/8" Oil service bit socket for internal square hexagon screws, 150.1407
- Oil drain screw hexagon-Socket 9 mm + 11 mm 110
- Oil drain screw hexagon-Socket 14 mm + 17 mm 110
- Oil drain screw hexagon-Socket 17 mm + 1/2" 110

**MASTER OIL SERVICE BIT SOCKET SET**

- For screws on oil sumps, transmission, differential, etc.
- Special wrench set for the assembly and disassembly of most oil drains and transmission oil control screws
- The magnets prevent the screws from falling down into the collection pans
- Internal square drive to DIN 3120/ISO 1174
- Perfect profile for correct actuation
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail

**APPLICATION RANGE:** Audi, Ford, Renault, Peugeot, Mercedes, Volkswagen, etc.

---

**Syringe for fluid change 0.2 l**

- Ideal tool for decanting, removing or dosing liquids to transmissions, power steering, hydraulics, engines, etc.
- Suitable for fuel oil, water and antifreeze
- Fine dosing
- Overflowing material can be pumped back problem-free
- Includes rubber hose
- Robust metallic design

**Syringe for fluid change 0.2 l**

- Ideal tool for decanting, removing or dosing liquids to transmissions, engines (sic) power steering, hydraulics, engines, etc.
- Suitable for fuel oil, water and antifreeze
- Fine dosing
- Overflowing material can be pumped back problem-free
- Includes rubber hose with flow stop cap
- Robust PP design

**SYRINGE FOR FLUID CHANGE 1.5 L**

- Ideal tool for decanting, removing or dosing liquids to transmissions, engines (sic) power steering, hydraulics, engines, etc.
- Suitable for fuel oil, water and antifreeze
- Fine dosing
- Overflowing material can be pumped back problem-free
- Includes rubber hose with flow stop cap
- Robust PP design

**FILLING**

- **DSG TRANSMISSION OIL FILLING HOSE FOR VAG**
  - Ideal for problem-free, simple and clean filling and refilling
  - Exact dosing
  - For different direct shift gearboxes
  - The return valve prevents drying from unintentional oil spills
  - The oil fill adapter is screwed directly onto the 1 litre oil container tank
  - Suitable for many manufacturers and industry standard oil container tanks (VAG G 052 182 A2)
  - Robust aluminium connection adapter

  **APPLICATION RANGE:** Audi, Seat, Škoda and Volkswagen with DSG transmission

- **DSG TRANSMISSION OIL FILLING HOSE FOR AUDI**
  - Ideal for problem-free, simple and clean filling and refilling
  - Exact dosing
  - For different direct shift gearboxes
  - The return valve prevents drying from unintentional oil spills
  - The oil fill adapter is screwed directly onto the 1 litre oil container tank
  - Suitable for many manufacturers and industry standard oil container tanks (VAG G 052 529 A2)
  - Robust aluminium connection adapter

  **APPLICATION RANGE:** Audi (>2008) with DSG transmission

- **CVT TRANSMISSION OIL FILLING HOSE FOR VAG**
  - Ideal for problem-free, simple and clean filling and refilling
  - Exact dosing
  - For different stage-free transmission
  - The return valve prevents drying from unintentional oil spills
  - The oil fill adapter is screwed directly onto the 1 litre oil container tank
  - Suitable for many manufacturers and industry standard oil container tanks (VAG G 052 180 A2)
  - Robust aluminium connection adapter

  **APPLICATION RANGE:** Audi, Seat, Škoda and Volkswagen with CVT transmission (Multitronic)
Technical data:

- **Capacity**: 7.5 l
- **Tube length**: 1600.0 mm
- **Tube diameter**: 1/2”
- **Quantity per stroke**: 80 cc
- **Viscosity**: SAE 140

**Application range:** Audi, Ford, BMW, Mercedes, Volkswagen, Škoda, Volvo, Toyota, Lexus, Nissan, Infinity etc.

---

**Universal transmission oil filling adapter set**

- **Ideal for filling transmission, distributor transmission and differentials of different vehicle manufacturers with oil.
- **Large coverage of many vehicle manufacturers in particular with universal adapter.
- **Many transmission cannot be filled without this tool.
- **Optimal for narrow places or hard-to-reach places.
- **With various angle tails for correct and economic filling.
- **Quick filling by unscrewing the pump units is possible.
- **Precise hand pump.
- **Includes return flow function.
- **For difficult-to-access areas.
- **Secure stand thanks to large base.
- **Container with filling level scale.
- **Easy to use and saves time.

**Application range:** Audi, Ford, BMW, Mercedes, Volkswagen, Škoda, Volvo, Toyota, Lexus, Nissan, Infinity etc.

---

**Flexible funnel with aluminium body**

- **Ideally suited to a clean and control draining of all fluids, e.g., oil, coolant, brake fluid, fuel, etc.
- **Resistant to petrol, diesel, oil, coolant, hydraulic and brake fluid.
- **Also suitable as a funnel for filling.
- **Shape is maintained and can be altered at any time.
- **Free marking, therefore can be adapted for extremely tight spaces.
- **Problems with draining fluids are a thing of the past.
- **The heavy-duty construction can be fit to any desired shape and used again.
- **Easy to clean.
- **Temperature resistance of -34 to +232°C
- **Aluminium handle.
- **Outer skin made from nitrile rubber.

---

**Oil drain pan 7.5 litres**

- **With three carry handles.
- **Safe and clean pouring with the self-contained overflow edge and spout.
- **Ideally suited to collecting different fluids.
- **Suitable for oil, chemicals, petrol, acid and anti-freeze fluid.
- **Also suitable for cleaning parts.
- **Practical, quick and friendly to the environment
- **Shock-proof.

**Application: ***Drill Point***

**Oil drain pan 8 litres**

- **With three carry handles.
- **Safe and clean pouring with the spout.
- **Ideally suited to collecting different fluids.
- **Suitable for oil, chemicals, petrol, acid and anti-freeze fluid.
- **Also suitable for cleaning parts.
- **Practical, quick and friendly to the environment
- **Screwed connection with rubber seal for safe transport
- **Shock-proof.

---

**Application:*** Universal transmission oil filling adapter set 15 piece

**Application:*** Transmission oil filling device without adapter

**Application:*** Transmission oil filling adapter set 15 piece
Oil drain pan 17 litres

- With three carry handles
- Safe and clean pouring with the self-contained overflow edge and spout
- Ideally suited to collecting different fluids
- Suitable for oil, chemicals, petrol, acid and anti-freeze fluid
- Also suitable for cleaning parts
- Practical, quick and friendly to the environment
- Shock-proof

<table>
<thead>
<tr>
<th>D (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>445.0</td>
<td>145.0</td>
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</tbody>
</table>

Oil drain pan 55 litres, extra flat

- With four carry handles
- 11.0 cm high, extra flat edges
- Safe and clean pouring with the self-contained overflow edge and spout
- Ideally suited to collecting different fluids
- Suitable for oil, chemicals, petrol, acid and anti-freeze fluid
- Also suitable for cleaning parts
- Practical, quick and friendly to the environment
- Shock-proof
- Polyethylene

<table>
<thead>
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<th>L (mm)</th>
<th>D (mm)</th>
<th>H (mm)</th>
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<tbody>
<tr>
<td>1200.0</td>
<td>724.0</td>
<td>110.0</td>
</tr>
</tbody>
</table>

Mobile oil draining device 60 litre

- Basic unit for old oil capture and re-filling
- Pneumatic pressure emptying with manometer and safety valve
- Emptying takes approximately 3 minutes at 0.8 bar
- Heavy deposits can also be removed via a plate on the underside
- Mobile and connectable container with extra-large plastic wheels
- With carry handle
- Stop cock and clamping screws to release pressure
- Extremely manoeuvrable and ideal for workshop design
- Centrally mounted and height-adjustable round drip pan
- Slide filling display with measuring scales
- Includes clear fabric hose for draining

Technical data:
- Capacity of container: 60 l
- Capacity of catch: ca. 16 l
- Collection container dimensions: 460 x 580 x 1040 mm
- Height adjustment: 1040 - 1700 mm

Old oil fall arresters

Vacuum fluid extractor suction pump 9.5 litre

- Ideal for quick, clean and simple suction, intake and emptying fluids
- Suitable for engine oil, transmission oil, hydraulic oil, brake fluid, water, etc.
- For pneumatic use with a compressor or manual use with the integrated hand pump
- Select a suitable probe and suck easily using the vacuum principle
- Suction process automatically stopped when housing is full, preventing fluids from spilling over
- With integrated pressure relief valve for more safety
- With high-quality pump housing and strengthened pump head
- Includes 4 probes for different uses
- Ideally suited to hard-to-reach places thanks to the included, long suction hose
- The suction hose is resistant to petrol and oil
- Polyethylene

Application range: Passenger cars, transporters and MPVs, commercial vehicles, tractors, agricultural and construction machinery, industrial uses

Technical data:
- Work pressure: 5-11.5 bar
- Capacity: 9.5 l
- Operating temperature: +5°C to +55°C
- Filling tube length: 1.5 m
- Max. flow rate: 125 l/min
THE BEST CHOICE FOR THE MECHANIC

Innovation is our mission!