**KL-0130-1 Hook Puller**

For quick and easy removal and replacement of the exhaust mounting rubbers.

Application: **VW-Audi, Mercedes, Opel, Jap. vehicles, etc.**

Hook length: ...................17 mm  
Return angle: ..........110°  
Tool overall length: ......205 mm  
Weight: .................. 90 g

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**KL-0130-2 Hook Puller**

For removal and replacement of exhaust mounting rubbers.

Application: **Ford, BMW, etc.**

Hook length: ...................40 mm  
Return angle: ..........100°  
Tool overall length: ......200 mm  
Weight: .................. 95 g

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**KL-0284-21 Exhaust Spring Compressor, short**  
**Length 145 mm**

For steel clamps of VW Golf, Passat, etc.

For removal and replacement of steel clamps on the flange on exhaust manifolds, as built in on **VW, Audi, Seat and Škoda.**

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**KL-0284-22 Exhaust Spring Compressor, long**  
**Length 790 mm**

For steel clamps of VW Transporter T4 Van.

For removal and replacement of steel clamps on the flange on exhaust manifolds, as built in on **VW, Audi, Seat and Škoda.**

The installation of these steel clamps for clutch or exhaust repairs e.g. on **VW T4 (5-cylinder diesel engines)** is only possible under greatest efforts and a job time of 2 - 3 hours. The spring compressor **KL-0284-22** allows the installation of the steel clamp within 3 minutes.

The length of the tool makes it possible to reach, expand, remove and install the steel clamps from the gearbox mountings.

**Advantages:**
- Increased job time saving (2 hours and more).
- High safety, no jumping away of steel clamps.
- Easy handling of the tool.

---

**KL-0284-3 Wedge Set**

For removal and replacement of steel clamps with and without locating hole on the flange on **VW-Audi** exhaust manifolds.

Weight: ............ 650 g

**Note:** Not applicable for VW Transporter T4!
KL-0132-1  Special Socket 22 mm hex

With ½" drive for removal and replacement of almost every lambda-probe with disconnectable cable.

Hex: ................................................................. 22 mm
Drive: .............................................................. ½"-axial
Length: ............................................................. 100 mm
Weight: ............................................................ 284 g

KL-0132-8  Special Socket 17 mm hex

With ½" drive for removal and replacement of lambda-probes on Nissan, Renault and other vehicles.

Hex: ................................................................. 17 mm
Drive: .............................................................. ½"-axial
Length: ............................................................. 100 mm
Weight: ............................................................ 260 g

KL-0132-81  Special Socket 22 mm hex

For removing and installing lambda sensors with a deep-seated hexagon. Particularly suitable for the Mercedes M111, for instance.

Hex: ................................................................. 22 mm
Drive: .............................................................. ½"-axial
Length: ............................................................. 110 mm
Weight: ............................................................ 300 g

KL-0132-2  Angled Socket 22 mm hex

With ½" drive at 90 degrees for easy removal and replacement of hard to reach lambda-probes.

Hex: ................................................................. 22 mm
Drive: .............................................................. ½"-axial
Length: ............................................................. 35 mm
Weight: ............................................................ 328 g

KL-0132-6  Angled Socket 22 mm hex

As KL-0132-2 but with: Drive: ½"-axial displaced

Application: VW-Audi, BMW, Mercedes, Ford, Opel/Vauxhall, Peugeot, Citroën, Renault, Seat, Skoda, Japanese cars, etc.

Hex: ................................................................. 22 mm
Drive: .............................................................. ½"-axial displaced
Length: ........................................................... 110 mm
Weight: ............................................................ 234 g
KL-0132-7  Angled Socket 22 mm hex

As KL-0132-2 but with radially positioned ½” drive as well as a radially displaced ½” drive.

KL-0132-82  Angled Socket 22 mm hex

For easy removal and replacement of hard to reach lambda-probes e.g. when the lambda sensor is located directly in front of the splash wall.

Hex: 22 mm
Length: 220 mm
Weight: 320 g

KL-0132-12  Lambda Tool Kit

For lambda-probe mounting threads M18×1.5

If damage occurs to the thread of the manifold when exchanging the lambda probe, then it can be re-threaded with the last tap KL-0132-120 for M18×1.5 threads or re-bored with the special thread cleaner KL-0132-121 and replaced by thread inserts which are also contained in the tool kit.

Measure: 149 × 123 × 32 mm
Weight: 498 g

<table>
<thead>
<tr>
<th>Part-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL-0132-120</td>
<td>Last Tap M18×1.5</td>
</tr>
<tr>
<td>KL-0132-121</td>
<td>Special Screw Tap M20x1.5 for M18×1.5</td>
</tr>
<tr>
<td>KL-0132-122</td>
<td>Thread Inserts M20x1.5 M18×1.5 (10 pieces)</td>
</tr>
<tr>
<td>-</td>
<td>Wooden Case (empty)</td>
</tr>
</tbody>
</table>

KL-0132-13  Lambda Tool Kit (not ill.)

As KL-0132-12, but for M12×1.5 threads.

Measure: 149 × 123 × 32 mm
Weight: 450 g

<table>
<thead>
<tr>
<th>Part-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL-0132-130</td>
<td>Last Tap M12×1.5</td>
</tr>
<tr>
<td>KL-0132-131</td>
<td>Special Screw Tap M14x1.5 for M12×1.5</td>
</tr>
<tr>
<td>KL-0132-132</td>
<td>Thread Inserts M14x1.5 M12×1.5 (10 pieces)</td>
</tr>
<tr>
<td>-</td>
<td>Wooden Case / plastic case (empty)</td>
</tr>
</tbody>
</table>

KL-0134-10  Arm Protector

Protects Arm from Burns While Working Around the Engine.

Made of durable, heat-resistant Kevlar®. Double wall construction for added heat protection.

Weight: 57 g
**KL-0131-5 Chain Pipe Cutter**

**Universal**. For quick and clean cutting of exhaust pipes up to 85 mm diameter by only 90° rotation.

Weight: ...............................................................490 g

**KL-0131-5001 Replacement Chain**

**KL-0131-51 Chain Pipe Cutter**

Allows quick and clean cutting of exhaust pipes up to a thickness of 2,5 mm and a diameter of 70 mm.

Also applicable for V2A-steel.

This tool allows easy handling during use and the thumb screw allows adjustment while cutting.

Length: ..............................................................250 mm

**Note:**

The addition of another chain allows the cutter to be used on pipes with larger diameters.

**KL-0131-5101 Replacement Chain**

Length: ..............................................................270 mm

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**224021 Ratchet Pipe Cutter niro**

CODE 1600885

Body in zinc-plated pressure-cast aluminium, for pipes 35 - 66 mm Ø, cutting wheel made from high-alloy stainless steel, especially for cutting stainless steel pipes with high service life. Easy handling via ratchet feed with automatic infeed of the cutting wheel with every rotation, even in confined spaces.

Length: ..............................................................275 mm

Weight: ..............................................................580 g

**224213 Replacement cutting wheel**
**KL-0181-70 K Stud Inserting Tool Set in Plastic Case**

Applicable for M6, M8, M10, M12, M8x1 and M10x1 threaded studs. For clean, rapid insertion of threaded studs, for instance during engine repairs.

**consists of:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL-0181-7006</td>
<td>Threaded stud inserting tool M6</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-7008</td>
<td>Threaded stud inserting tool M8</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-7010</td>
<td>Threaded stud inserting tool M10</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-7012</td>
<td>Threaded stud inserting tool M12</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-7108</td>
<td>Threaded stud inserting tool M8x1</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-7110</td>
<td>Threaded stud inserting tool M10x1</td>
<td>1</td>
</tr>
<tr>
<td>KL-4990-1004</td>
<td>Plastic case with foamed material liner</td>
<td>1</td>
</tr>
</tbody>
</table>

**Technical Data:**

- Weight: 1250 g
- Drive: 1/2" □
- Length: 52 mm
- Measure plastic case: 275 x 230 x 83 mm

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**KL-0181-1 Stud Tool**

Universal tool for studs with diameter 6 - 12 mm.

**Advantages:**
- Infinitely adjustable.
- Operates in the most confined space.
- Ideal also for bolts with rusted or stripped threads.
- Also for screws with dimension smaller than specified.

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**KL-0181-6 Stud Extractor and Inserting Tool Set**

For removal and replacement of threaded studs.

**consists of:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL-0181-51</td>
<td>for Ø 6 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-52</td>
<td>for Ø 7 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-53</td>
<td>for Ø 8 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-54</td>
<td>for Ø 9 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-55</td>
<td>for Ø 10 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-56</td>
<td>for Ø 11 mm</td>
<td></td>
</tr>
<tr>
<td>KL-0181-57</td>
<td>for Ø 12 mm</td>
<td></td>
</tr>
<tr>
<td>KL-4940-1004</td>
<td>Plastic case</td>
<td>1</td>
</tr>
</tbody>
</table>

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**KL-0181-72 K Screw Extractor Set**

To extract screws, nuts and bolts when locating threads or hexagons are damaged.

Due to the special insert design (tapered and special left section) both screws and nuts and bolts can be easily loosen and removed.

**Specification (insert dimensions):**

- Drive: 3/8" 1/4" (6.3mm); 5/16" (8mm); 3/8" (9,5mm); 10mm; 7/16" (11mm); 12mm; 1/2" (12,5mm); 13mm; 9/16" (14mm); 5/8" (16mm); 17mm; 11/16" (17,5mm); 3/4" (19mm)

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**KL-0181-21 K Screw Drill Set**

To remove broken screws and thread bolts - thread M5 - M16.

**Procedure:** 1. Open the broken bolt (or screw) by drilling (use boring bush if necessary); 2. Drive in the pin. 3. Place the nut on the pin and extract by means of a screw-wrench.

**Spare parts/Accessories:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL-0181-2112</td>
<td>Drilled pin set for driller Ø: 3,2 mm (5 pcs.)</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-2122</td>
<td>Drilled pin set for driller Ø: 4,8 mm (5 pcs.)</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-2132</td>
<td>Drilled pin set for driller Ø: 6,4 mm (5 pcs.)</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-2142</td>
<td>Drilled pin set for driller Ø: 8,0 mm (5 pcs.)</td>
<td>1</td>
</tr>
<tr>
<td>KL-0181-2152</td>
<td>Drilled pin set for driller Ø: 8,8 mm (5 pcs.)</td>
<td>1</td>
</tr>
</tbody>
</table>
KL-0185-1 Drilling Guide Set small

For accurate removal of broken manifold studs on **VW and Audi** 4 and 5 cylinder water-cooled engines. (bolt thread M8)

Advantages:
- Great savings in time -approximately 2 hours- because cylinder head has not to be removed.
- Accurate removal of the old stud and cutting of the new thread.
- The drilling guide avoids the risk of damage to the cylinder-head.

With 6,5 mm pre-drilling guide for M8 threads.

In plastic storage case.

Total weight: ............ 1,6 kg

KL-0185-2 Drilling Guide Set middle

As KL-0185-1 but with 4,0 mm and 8,5 mm pre-drilling guide instead of 6,5 mm. (bolt thread M8)

For drilling and tapping for the use of Heli-Coil inserts.

In plastic storage case.

Total weight: ............ 1,7 kg

KL-0185-3 Drilling Guide Set big

As KL-0185-2 but also supplied complete with Heli-Coil insertion tool and 25 Heli-Coil thread inserts. (bolt thread M8)

In plastic storage case.

Total weight: ............ 2,3 kg

KL-0185-5 Drilling Guide Set universal

This new universal adjustable drilling guide allows broken or sheared studs especially on cylinder-heads or exhaust manifolds to be quickly and accurately extracted, without the need to remove the cylinder-head. (bolt thread M8 and M10)

Time savings of between 2 and 4 hours can be achieved.