Product instructions EN

KL-0173-6.. A

Rethreading Tool for Wheel Studs

THREAD RESET®

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PRODUCT DESCRIPTION

KL-0173-6.. A series - Rethreading tools for wheel studs

Universally applicable on wheel studs and wheel bolts, for commercial vehicles, passenger cars and vans.

The rethreading tool enables fast and cost-saving reforming of damaged threads on wheel studs and wheel bolts.

In this process, the thread is deformed back to its original geometry by rolling (forming, pressing, coining), without cutting. As a result, the strength of the wheel studs or wheel bolts is fully retained, and the surface is again additionally compacted. Unlike thread cutting, no material is removed in the process.

The compact design and the simple drive with a conventional hexagonal socket enables a quick and easy application directly on the vehicle.

KL-0173-611 A - Rethreading tool

Specifications

Drive (hexagon): ..... size (waf) 41mm

Thread: M12x1.25

KL-0173-662 A - Rethreading tool

Specifications

Drive (hexagon): ..... size (waf) 46mm

Thread: M22x1.5

KL-0173-662 A - Rethreading tool

Specifications

Drive (hexagon): ..... size (waf) 46mm

Thread: M22x1.5

KL-0173-601 A - Rethreading tool kit

Consisting of **KL-0173-611 A** and **KL-0173-622 A.**

Specifications

Drive (hexagon): ..... size (waf) 41mm

Thread: ..... M12x1.25 + M14x1.5

KL-0173-612 A - Rethreading tool

Consisting of rethreading tool and tubular socket wrench..

Specifications

Drive (hexagon): ..... size (waf) 41mm
Thread: M12x1.5

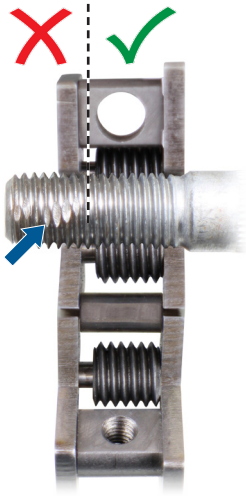
⚠ SAFETY INSTRUCTIONS AND REGULATIONS

- Read and understand this product information **before using** the special tool, as it serves to familiarise you with the special tool and thus ensures **safe use**!
- Use the special tool **as intended** and **always** carry out maintenance and repair work in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!
- **Before each use**, check the special tool **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- **Always** wear your personal protective equipment, e.g. safety goggles, protective gloves, safety shoes, if necessary!
- Interrupt your work **immediately** if you are unsure about using the special tool, and contact **GEDORE Automotive GmbH if necessary**!
- Dispose of the special tool and its packaging material in an environmentally compatible way in accordance with the legal requirements. If necessary, ask your local authorities or **GEDORE Automotive GmbH** about environmentally friendly disposal options!

TYPICAL APPLICATION

This typical application example describes how to reshape a damaged thread.

1: Align the thread rollers and place the rethreading tool correctly on the thread...



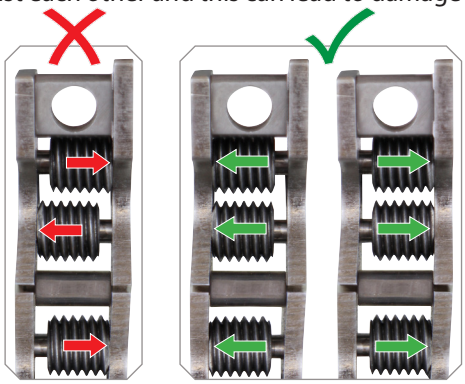
CAUTION

The tread rollers on the rethreading tool may cant against each other and this can lead to damage during use!

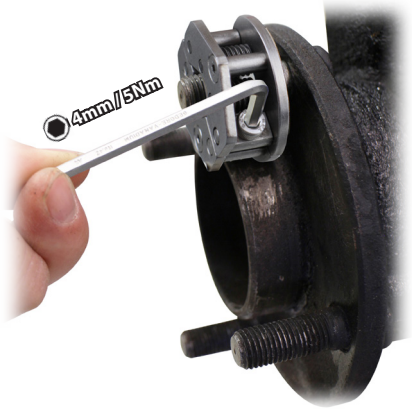
- **Always** place the rethreading tool at an undamaged spot of the thread!
- When placing it, **always** make sure that all three thread rollers are on the same side!

1. Open the rethreading tool so that it can be placed behind the damaged area on the thread as shown.

Loosen the hexagon socket head screw a few turns using a **4mm** hexagon socket spanner



2: Close the rethreading tool completely...

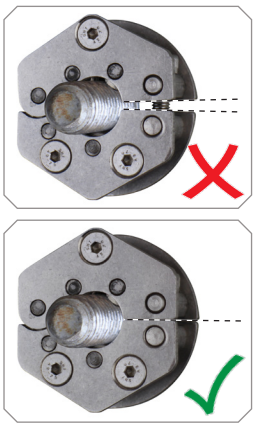


CAUTION

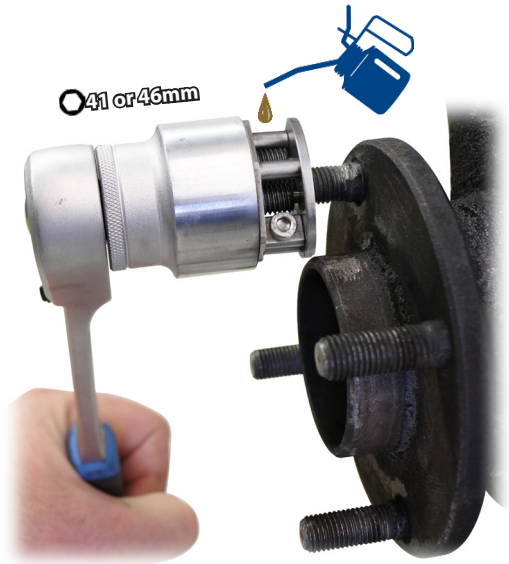
The thread can be damaged!

- The rethreading tool can only be closed without force when the tool engages completely and cleanly into the thread!

2. Close the rethreading tool completely by hand and then tighten the hexagon socket head screw with **5Nm**.



3: Lightly oil the damaged thread and reshape it...



CAUTION

Rethreading tool and thread can be damaged!

- If the rethreading tool is caned or runs very sluggishly, it must be checked whether it has been correctly applied to the thread and, if necessary, reapplied!
- **Never** use the rethreading tool with a machine-operated drive!

3. First, put some oil on the thread.

To re-shape the thread, turn the rethreading tool over the damaged area of the thread using a **41 or 46mm** socket and a reversible ratchet.