

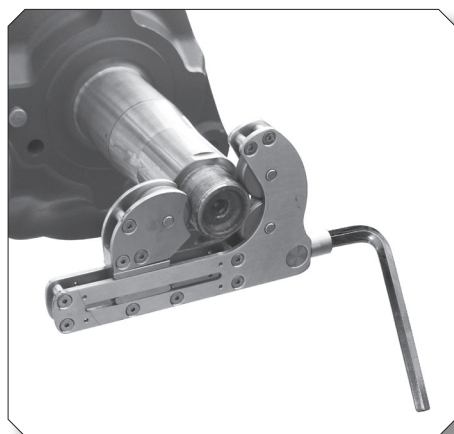


KL-0173-460 K

Rethreading Tool Kit M50 - M110x1.5



Product information EN
⚠ Read and understand before use!



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Product description

KL-0173-460 K - Rethreading tool kit M50 - M110x1.5 for right-hand and left-hand thread

Universally fits all M50 - M110x1.5 right-hand and left-hand threads, for example on commercial vehicles, buses, construction machinery, agricultural machinery, trailers, and semi-trailers.

This special infinitely variable rethreading tool enables fast and cost-saving reforming of damaged threads on wheel studs and wheel bolts, directly on the vehicle. Time-consuming and costly axle replacements, for example as a consequence of a defective axle thread can thus be avoided.

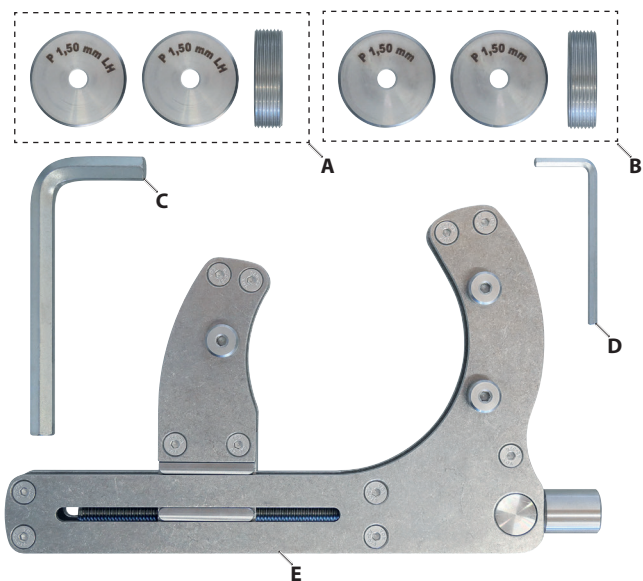
In this process, the thread is formed back to its original geometry by rolling (forming, pressing, shaping), without cutting. As a result, the strength of the thread is fully retained, and, in addition, the surface is compacted again. Unlike thread cutting or filing, no material is removed and the thread maintains the dynamic load capacity which is up to 2 times higher, even after the repair.

Additional thread rolling sets, which are available as accessories, make this thread forming tool to be one of the most universal on the market.

Recommended accessories:

KL-0173-4601 - Set of thread rollers for 1mm pitch, KL-0173-4604 - Set of thread rollers for 2mm pitch

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Scope of supply / single parts overview

Item	Part no.	Description	Qty.
A	KL-0173-4603	Set of thread rollers for P=1.5 LH	1
B	KL-0173-4602	Set of thread rollers for P=1.5	1
C	42 EL 10	Hexagon L key, 10mm	1
D	42 EL 4	Hexagon L key, 4mm	1
E	KL-0173-4600	Thread repair basic tool	1

i Storage system: Plastic case - KL-0173-4609

Specifications

Thread diameter (from/to): M50 - M110

Thread pitch: 1.5mm

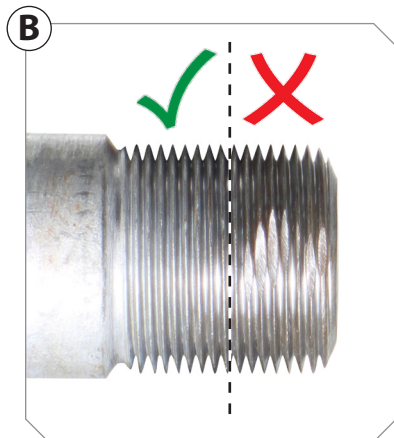
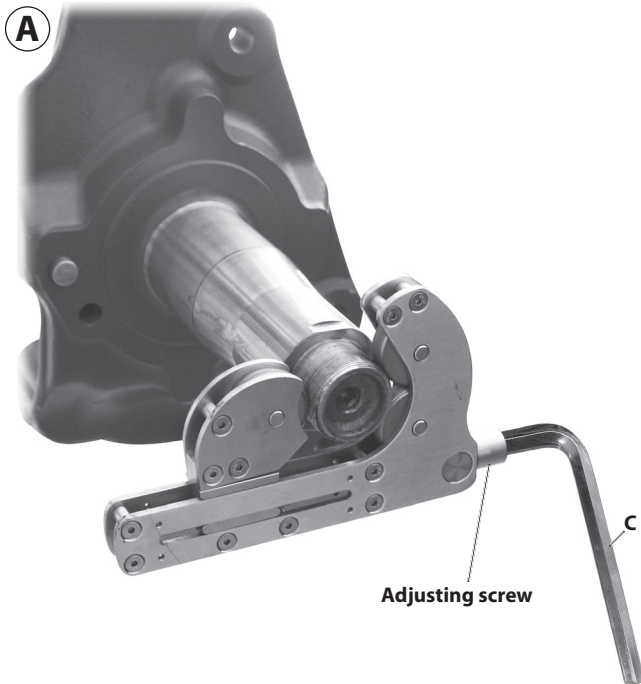
Thread:right/left rising

Overall length: 255mm

▲ Safety instructions and regulations

- Before using the special tool, read and understand **all** safety instructions and **follow** them for **safe use!**
- Use the special tool **as intended** and **always** carry out maintenance and repairs 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 (such as safety goggles, protective gloves, safety shoes) during work!

📷 1: Place the rethreading tool correctly on the thread.



📷 2: Lightly oil the damaged thread and reshape it.



Typical application

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

CAUTION

The thread can be damaged by an incorrect composition of the rethreading tool!

► When changing thread rollers, make sure that all **three** matching thread rollers are always used!

1. Assemble the rethreading tool according to the thread (right-hand or left-hand thread and thread pitch).

If necessary, change the thread rollers [A] or [B] using the offset screwdriver [D].

📷 Further thread roller sets also available as accessories!

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CAUTION

There is a risk of damaging the re-threading tool.

► **Always** place the re-threading tool at an undamaged spot of the thread! 📷 1B

2. Open the rethreading tool so that it can be placed properly to the thread **next to** the damaged area. 📷 1B

Turn the **set screw** anticlockwise using the offset screwdriver [C]. 📷 1A

CAUTION

There is a risk of damaging the re-threading tool.

► The rethreading tool can only be closed without force when the tool engages completely into the thread! 📷 1B

3. Now close the rethreading tool until it engages properly and with soft pressure into the thread.

Turn the **set screw** anticlockwise using the offset screwdriver [C]. 📷 1A

CAUTION

There is a risk of damaging the re-threading tool.

► If the rethreading tool moves towards an angle, or if it runs very sluggishly, ensure that it has been correctly applied to the thread!

4. First, put some oil on the thread.

To reshape the thread, rotate the rethreading tool over the damaged area on the thread. 📷 2

📷 Depending on the degree of damage to the thread, repeat this process several times.

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