CERATIZIT
G R O U P

Service & Maintenance

Our SERVICE

- ▲ Visual inspection
- ▲ Disassembly and cleaning
- ▲ Analysis of the current state
- ▲ Replacement of all sealing elements
- ▲ Assembly, functional testing and creation of a test log
- ▲ In the event that repairs are necessary, we will create a fair offer with a binding delivery date

Maintenance recommendations

Precision tools are often subject to difficult operating conditions in the machining process, where swarf, dirt, cooling lubricants and mechanical stresses lead to high levels of wear, compromising the quality of the finished end product and often causing reduced process capacity.

Regular maintenance prevents expensive repairs. Planning maintenance at an early stage significantly reduces the risk of machine downtimes.

Conclusion: Regular maintenance increases the service life of actuating tools and the cost-effectiveness of the system as a whole.

Service life without maintenance or service

Increased service life with regular maintenance
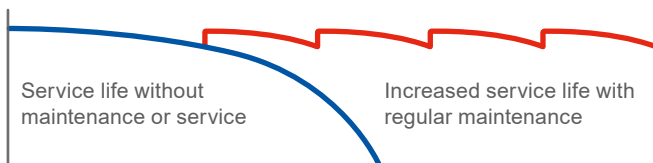
An initial assessment is carried out at a set time. An individual maintenance plan will be developed on the basis of the operating conditions.

Maintenance intervals

These guideline values may vary depending on the specific application.

Tool	Lubrication	Maintenance intervals
KOMtronic U-axis systems	Permanent	2000 – 3000 operating hours at least every 1 – 2 years
Facing heads with draw bars	Central, automatic lubrication cycle	8000 – 10000 operating hours 7 million strokes
Contact actuation tools	Manual	3000 – 4000 operating hours
Slide boring bars	Manual	3000 – 4000 operating hours

And if repairs do become necessary: No problem.

Repair or maintenance work on head and base elements should only be repaired or serviced at the CERATIZIT location in Besigheim, Germany. All actuating tools are in a mechanically perfect condition when they leave our assembly department. In order to prevent production downtimes, we recommend procurement of a replacement tool.

KOMET KOMlife maintenance system – Autonomous acquisition of production data accurate to the second

The operating data will be provided via dynamic QR Code. It can be used on various systems.