

NEW



LUBRITOOOL LUBRICATION DEVICE

Automated maintenance of tool clamping systems

ROHM
driven by technology

LUBRITool LUBRICATION DEVICE

In order to guarantee the impeccable functioning of milling machines and machining centres, the tool clamping system should be maintained regularly. Unfortunately this requirement is often neglected in practice. With its innovative and patented Lubritool lubrication device, RÖHM is launching a completely new product on the market – one that brings about automated lubrication within seconds.

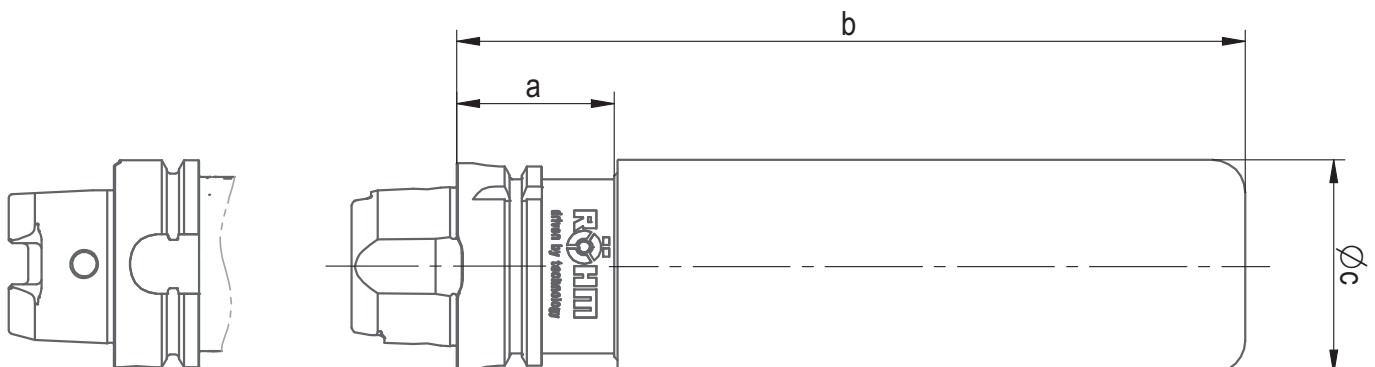
After about 75 operating hours or 20,000 changes of tool, tool clamping systems should be maintained in order to ensure process reliability and rule out mechanical breakdowns. In most cases this involves manual lubrication. This means time has to be taken to maintain manually, and there is a margin for error: the time chosen may not be ideal, or the quantity of lubricant may be incorrectly judged. Quite apart from the fact that in some cases lubrication fails to be carried out at all. In hope of making these problems a thing

of the past, RÖHM has developed its innovative Lubritool lubrication device. Having been informed by the machine controls of the right moment in time, the product novelty Lubritool is automatically deployed directly from the tool magazine, and supplies the tool clamping system with the ideal quantity of lubricant within seconds. This eliminates timewasting and costly maintaining operations, as well as ruling out mechanical breakdown.

THE BENEFITS AT A GLANCE

- ⊕ Optimal lubrication – always the ideal lubricant, just at the right time, in the right quantity and place
- ⊕ No manual intervention needed – no failure to carry out maintenance
- ⊕ Reduced waiting times – 5 seconds rather than 5 minutes

Lubritool lubrication device incl. Lubriflux grease cartridge	ID 10005825	ID 10006019
Interface design (ISO12164-1)	HSK-A63	HSK-100
a mm	48	51
b mm	240	250
∅ c mm	65	65
Weigth (without cartridge)	1,7 kg	3,1 kg
Weigth (with cartridge)	1,9 kg	3,3 kg
Lubrication applications	100 cycles	100 cycles
Lubriflux grease cartridge	ID 1322335	ID 1322335



FUNCTIONALITY OF THE AUTOMATED MAINTENANCE



Lubritool is located in the tool magazine. Whenever the machine control notifies that a lubrication process is necessary, Lubritool will be set up into the spindle.



Within the spindle the lubrication impulse is automatically activated. An optimal quantity of Lubriflux lubricant is sprayed to the right place of the tool clamping system.



After the lubrication process, Lubritool is set back to the tool magazine and remains there until the next lubrication cycle.



Video Lubritool
in use



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