



### Remarks:

The information contained in this product information is in line with the technical knowledge at the time of printing.

Amendments made in the context of continuous development are excluded.

### Description:

- Use only in machines according to EN292!
- See type plate for details and type of technical specification
- In case of wear, seals and bearings should be replaced by the W&F service
- The driven tool is lubricated with special grease for the entire service life
- It is not permissible to change the cutting tool (for modular tools with the WFB system) directly at the driven tool, except for tools with collet chucks according to DIN 6499 etc.

### **Cleaning:**

Please use only a cleaning rag for cleaning the driven tool. Compressed air or other cleaning agents are not permitted.

Spray the tools with WD40 or the like after each use to avoid corrosion.

### **Maintenance:**

The driven tools do not require maintenance by the operator. However, we recommend a review, every six months, by W&F service experts. To do this, send the tool to W&F. We check whether the need for an overhaul is necessary. This maintenance cycle is a prerequisite for the use of warranty services.

### **Warranty:**

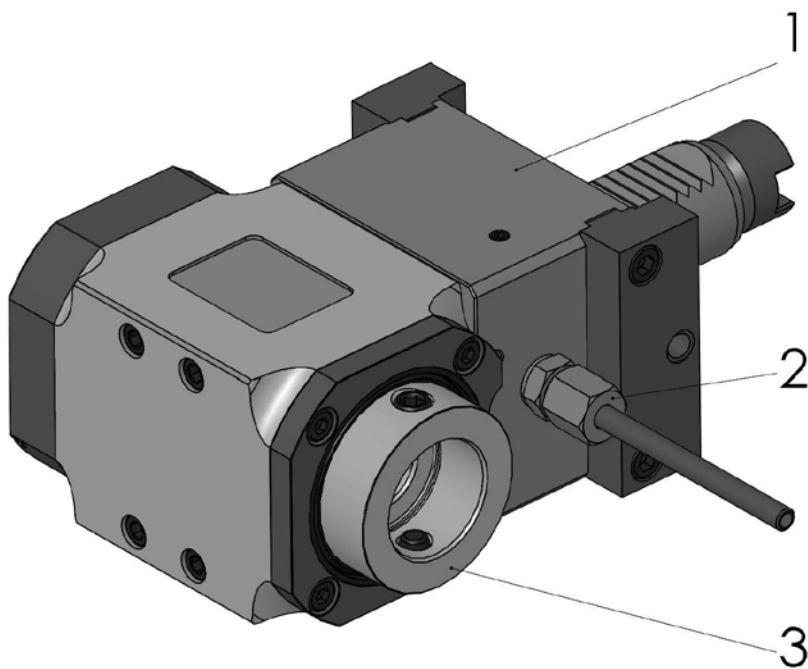
The warranty period is two years and begins with the day of delivery ex works by W&F. Exceptions are bearings, seals etc. and consequential damage caused by these wearing parts. Repairs which have been carried out without authorization (including the opening of screws, etc.) will immediately lead to the expiry of the warranty. Explanation of the driven tool (tool holder):

### Explanation of the driven tool (tool holder):

This tool holder is designed in a special modular design. (see attached drawing)

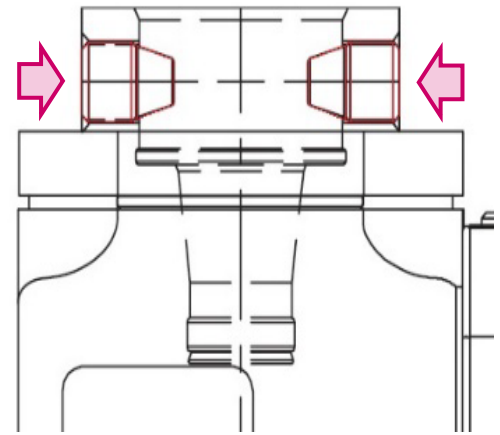
The complete toolholder consists of three components

- Tool holder (1)
- Coolant tube (2)
- Two threaded taper pins (WFB-screws) (3)



### Note on attachment:

Take the adapter into your hand and position it in the correct orientation with respect to the clamping bolts. First tighten a conical threaded pin, loosen 1-2 times and tighten again. This ensures optimum positioning of the components. The second conical threaded pin is now also tightened (as mentioned above). Recommended torques are given in the table below. Always open the two conical threaded pin with a torque wrench.



### Remarks:

The tool holder remains in the machine.  
(Changing the adapters is done in the machine)

### Care and Maintenance:

The surfaces of the planar area, tapered holes and cones must be cleaned before use and lubricated with an oil lubrication film before use. In order to achieve an optimal fastening and releasability of the conical thread pins, it is recommended to use the conical thread pins with e.g. Molykote 1000 or a similar hot-screwed paste.

Recommended tightening torques		
Size	tapered thread pin	tightening torque
WFB 20-12	M6 x 1	4 Nm
WFB 24-16	M8 x 1	10 Nm
WFB 32-20	M10 x 1	20 Nm
WFB 40-25	M12 x 1	25 Nm
WFB 50-32	M14 x 1	30 Nm

- Cooling through the coolant pipe or internal cooling through the spindle.
- Internally cooled tool holders are designed for a coolant pressure of up to 170 bar through the spindle.
- Seal holes for the coolant pipe with a threaded pin
- If you use WFB adapter with a collet chucks, use sealed collets or sealed clamping nuts.
- The filter fineness of the cooling medium must be <50µm!
- Start the tool holder first. After about a second, you patch in the coolant. (Only in this way the suction effect can be used.) If you only use the coolant tube, the WFB adapter must be closed with a threaded pin. For further information, please do not hesitate to contact us.

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W&F Werkzeugtechnik GmbH  
Kantstraße 4  
72663 Großbettlingen/Germany  
Telefon 0049 7022/40580  
[info@wf-werkzeugtechnik.de](mailto:info@wf-werkzeugtechnik.de)  
[wf-werkzeugtechnik.de](http://wf-werkzeugtechnik.de)