

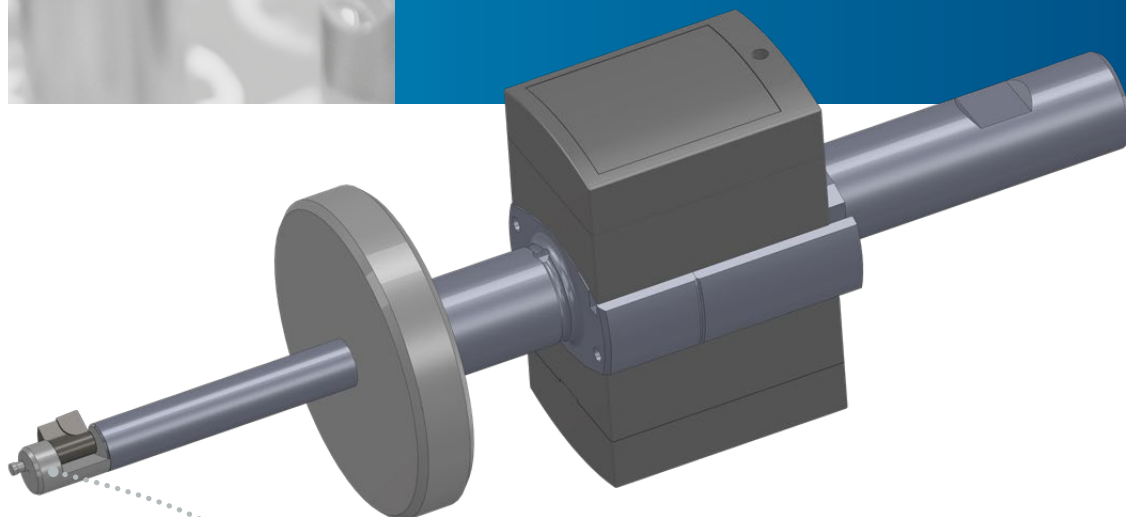
NEW

at HERMANN BILZ

Autofacer- sensor systems

Interactive **Bluetooth**-connection between
tool and CNC control unit

Safe back spotfacing by
monitoring the cutter blade



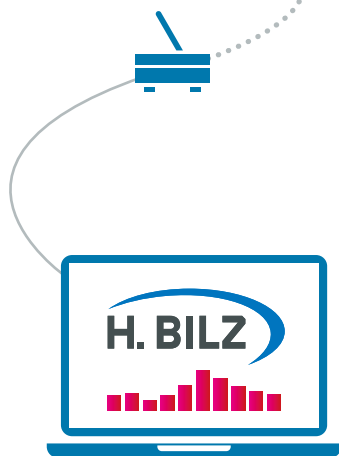
Safe supervision of the cutter blade position by

CNC control unit via sensor system...

- ...checking the activator position in the tool, wireless linked with the machine tool
- ... measuring air-flow in the machine tool
- ... measuring coolant flow in the machine tool

indicating blade position on the tool
for the operator, in front of the
workpiece with...

- ... indicator bolt
- ... LED-lights
- ... coolant stream



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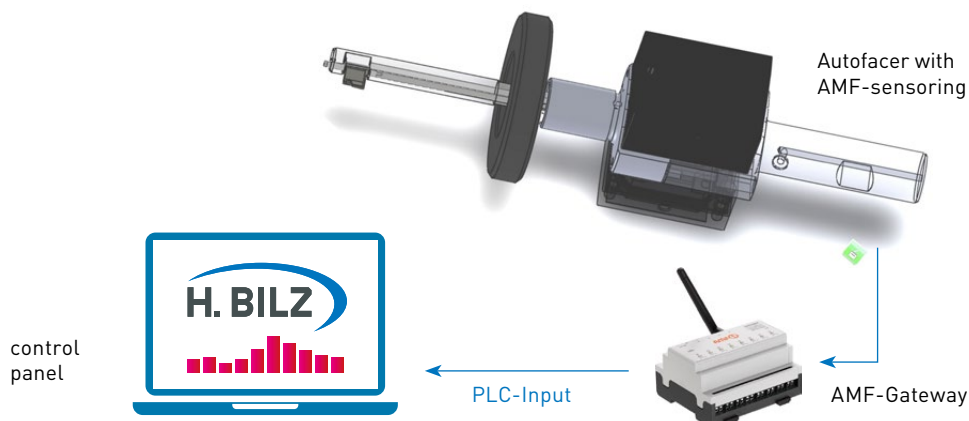
Automatic supervision of the cutter blade position

High process reliability

Simple control

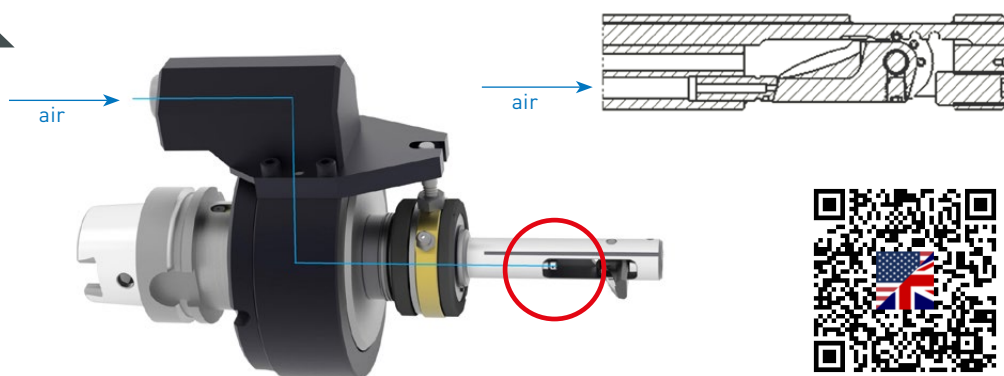
AMF-wireless sensing...

... transmits the state of the cutter blade detected by sensors using Bluetooth Low Energy 4.0 to the receiver. The gateway handles the communication between the sensor and the machine control.



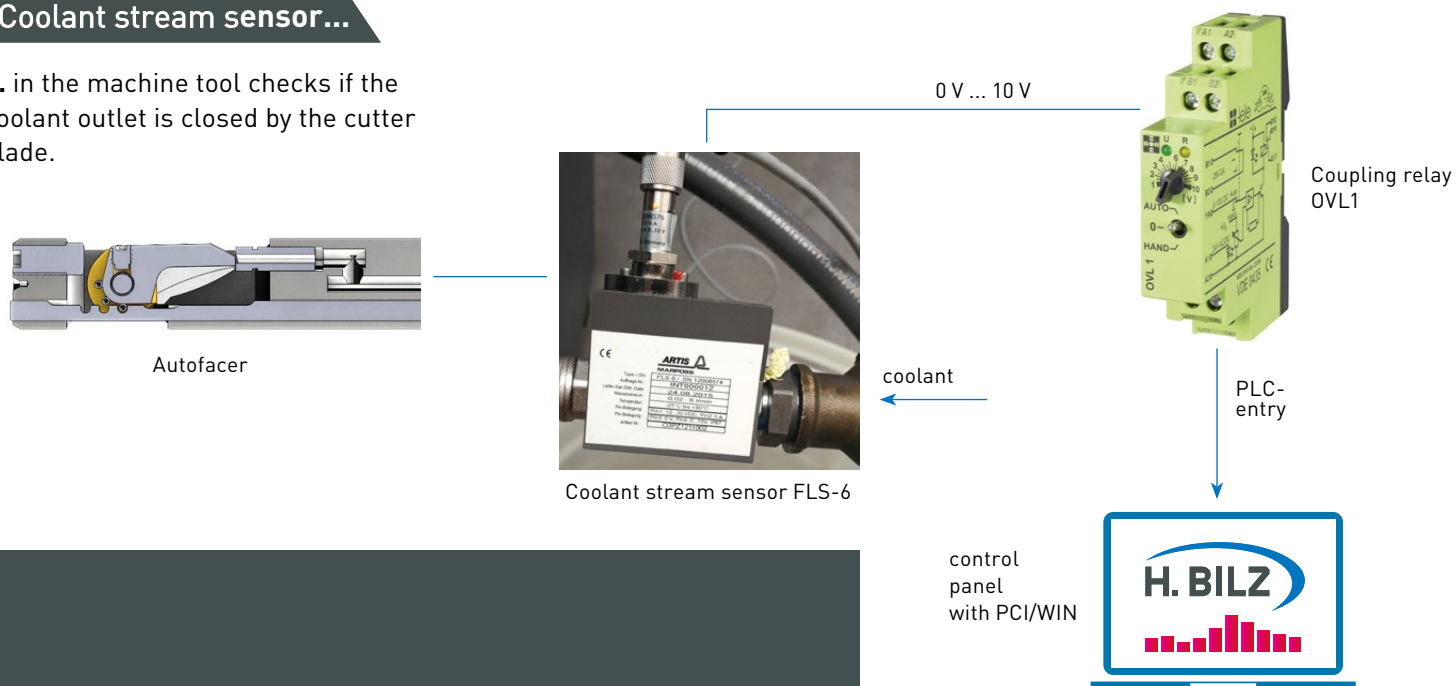
Air-flow-sensor...

... in the machine tool checks if the coolant outlet is closed by the cutter blade.



Coolant stream sensor...

... in the machine tool checks if the coolant outlet is closed by the cutter blade.

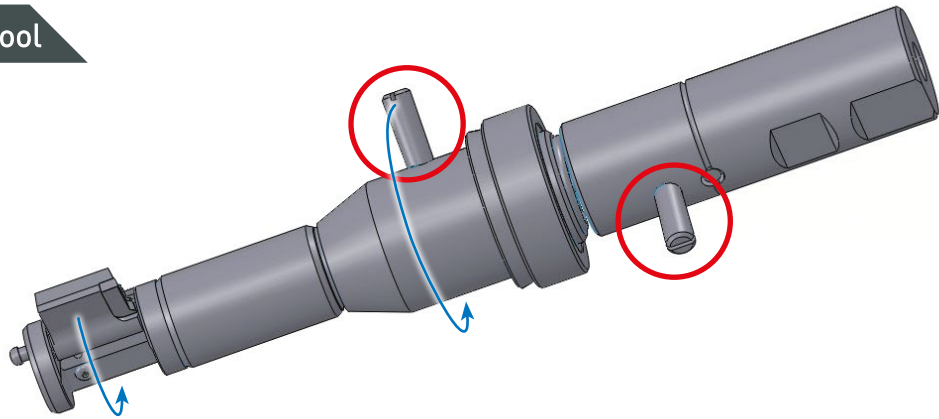


Indication of the cutter blade position for the operator by...

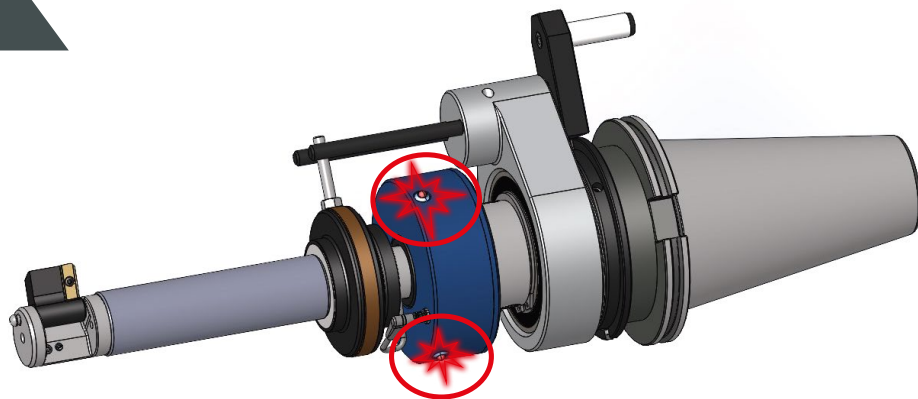
No disturbing wires

More flexibility

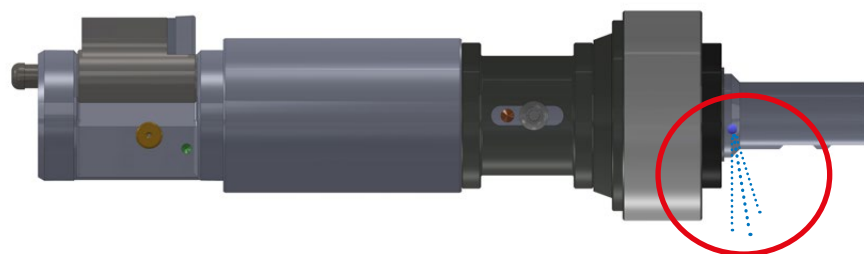
... indicator bolt on the tool



... LED-light on the tool



... coolant stream exiting in front of the workpiece



Coolant stream exits on the shank when cutter blade is closed and can be seen in front of the workpiece.

Why? Therefore!

Our further competences

We offer various solutions for drillings from Ø 3 mm up to 250 mm, as well as for larger drilling depths. We have great experience in back counterbore applications for a great variety of conditions.



Fast

You will get your personal offer within a short periode after your inquiry. After receipt of your order and clarification of technical questions – you will get your tools on the acknowledged date.



High-quality

We manufacture exactly to match your precise requirements within a µm. We also offer tools that help you to reduce the cycle time of your operations which will save money immediately.



Short delivery time

We have a lot of tools on stock.
If not, we can produce them in our large machining parc within a short period of time.

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