

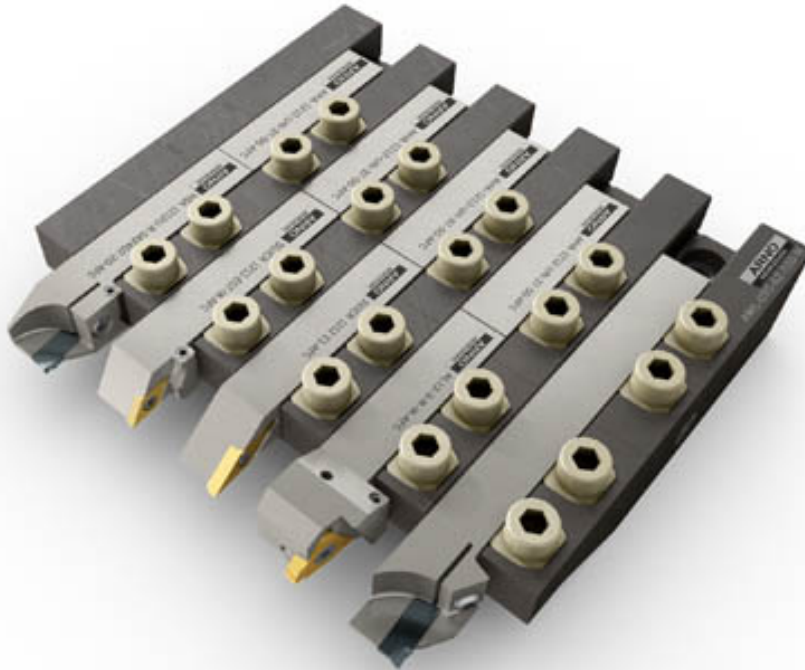
# Press release

News

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New: ARNO presents AWL direct mount system for Star direct mount lathes



## Direct mount for the Stars

**(Ostfildern) After the première at AMB 2018, ARNO Werkzeuge now presents its new AWL direct mount for STAR Swiss type machines. The tool holder system for turning or grooving tools (patent pending) has an integrated adjustable high-pressure coolant supply of up to 130 bar. When combined with the AFC quick-change system, users can increase productivity for Swiss type machines since the system significantly cuts set-up and non-productive times.**

"After Citizen, our new AWL direct mount are now available for CNC Swiss type machines from Star Micronics," says Werner Meditz, Head of Technology at ARNO Werkzeuge. The AWL tool holder system

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(patent pending) is available for the Star machine series SR 20R II, III and IV with immediate effect. The system has two separate cooling channels which can be selectively opened or closed. The various connection options make it adaptable to several machine types. Depending on the machine and execution, the new AWL direct mount can fit two to six tools. Each chamber has an integrated coolant supply to allow the simultaneous use of several tools, whether they have internal cooling or not.

### **ARNO permits free tool choice**

Since the direct mount is designed with integrated cooling, it dispenses with the time-consuming connection of external and cost-intensive tubes. In addition, there are no interfering contours inside the machine. Users can operate with targeted high-pressure cooling pressures up to 130 bar and stable wedged clamping of holders during machining operations to achieve longer tool lives by over 25 percent, says ARNO.

It now takes only a few steps to remove and fit the tools. When turned, an integrated counter nut raises the wedge slightly to permit quick and easy tool removal and fitting. According to Meditz, "The tool system allows fast, simple tool changes with enormous change precision and high process reliability." The direct mount can also hold the tools of other manufacturers. The freedom of tool choice is one of the greatest benefits of our AWL direct mount," stresses Meditz, "since users are not forced to depend on only one system."

### **No calibration required with AFC from ARNO**

"Users have the best benefits when they combine the AWL direct mount with the AFC quick-change system from ARNO," assures Simon Storf, Marketing Manager. To change a tool, only the front part of the two-part holder needs to be removed and a new tool is then fitted with a different holder. This dispenses with the need for recalibration in many cases. The AWL direct mount and AFC quick-change system back the manufacturer's claim of increasing productivity at user production locations by developing customised solutions.

*431 words, 2254 characters*

**((Company profile of ARNO Werkzeuge))**

**Customer proximity and development power**

Emil Arnold set up ARNO Werkzeuge Karl-Arnold GmbH in 1941 as an innovative tool manufacturer and the company is now in the third generation of owner management. The company has a high manufacturing depth, in-house development competence and a global sales organisation. It produces highly modern, high-performance tools which are used world-wide in production with fixed headstock machining, Swiss type machining, parting, grooving, turning, drilling and milling. One of the company specialities is ground high-positive indexable inserts for complex manufacturing operations. Here, ARNO offers the largest portfolio in the world.

Customised tool solutions, which later become highly coveted standards, are developed in close collaboration with our customers, taking their requirements into consideration. The tradition-based company ensures customer proximity by a work force of over 200 employees at its head offices in Ostfildern and its numerous sales offices all over the world. Last year, ARNO reported a turnover of about €57 million.

**ARNO Werkzeuge picture gallery, AWL Star**  
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**[www.pressearbeit.org](http://www.pressearbeit.org).**

