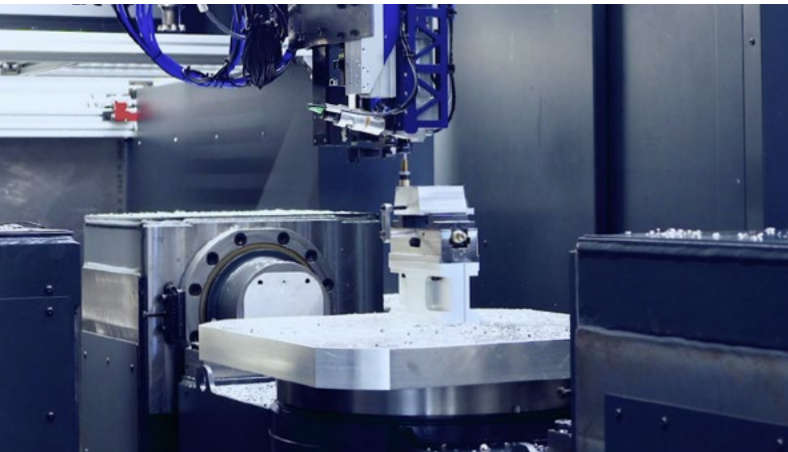


MORE EFFECTIVENESS THANKS TO NEW PROCESSING CONCEPT



Increasing the real Overall Equipment Effectiveness

In cooperation with Honsel Umformtechnik GmbH we have developed and tested a new machining concept which we would like to present to you.

Intermediate steps such as workpiece transport or workpiece clamping concepts are often neglected when planning machining. This results in not achieving the predicted Overall Equipment Effectiveness (OEE). Our new machining concept for cutting and assembly with automatic feeding ensures faster, more cost-effective machining with fewer faulty parts and thus increased overall plant effectiveness.

The availability of each individual participant plays a very important role in highly interconnected systems. However, the interfaces between the process steps must also be taken into account, because these often form the bottleneck between the respective highly available plants. The previously predicted Overall Equipment Effectiveness can only be achieved through well-coordinated processes.

Integrated machining and assembly of thread inserts

Up to now, wire thread inserts have been inserted after machining (drilling and thread forming) in the machining center by a separate handling system with setting devices. The position of the hole, the initial angle of the thread and many other factors have a considerable influence on process-safe assembly. For this reason, we have also integrated coil assembly into the machining center. This allows the workpiece to be machined and assembled in a single clamping operation. The tool parameters can influence the assembly directly from the CNC machining.

Do you have any questions on the topic of integrated machining and assembly of thread inserts? We look forward to getting in touch with you and discussing your requirements.

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