

Injection Moulding Components



Thread moulding cores Thread guide nuts Thread electrodes
Mould cores Mould bushings Scraper bushings
Tab bushings Ejectors

HAKOS. What luck!

Injection Moulding Components



PRECISION AND QUALITY OF THE HIGH EFFICIENCY.

The demands on mould makers and injection casting foundries are continuously increasing as a result of the formal design requirements, the stress criteria, the complexity of the plastic parts and the manufacturing requirements.

Today, lower viscosity plastics offer considerably faster production cycles, but in the μ -range, they require highest precision, vast experience and production-related detailed expertise in the manufacturing of injection mould components. This development also means significantly higher demands for the production of injection mould components than those of a few years ago.

For more than 20 years, HAKOS has been meeting today's needs for complexity in the area of injection moulding components with its team of experienced specialists. Ongoing investments in machinery ensure that technically defined precision demands can be implemented even in the day-to-day business. To do this, we focus on process solutions that give our customers the security of highest quality and delivery reliability. HAKOS customers already experience distinctive competence with the submitted tender. The requirement is analysed, the design solution is defined and the proposal is submitted in one in-house prior step, which guarantees the optimum economic and technological implementation.

We are used to implementing the machining of the part in exact agreement with the customer's requirements as well as the complete processing. Especially this sector of complete processing of parts is growing strongly at HAKOS.

HAKOS.

Your competent partner for injection moulding components!

"The best quality and reliable deadlines make our cooperation with Hakos so valuable."



Complete processing is a strongly growing area due to the high precision and the efficiency advantage for our customers.

THE BENEFITS FOR OUR CUSTOMERS:

- Reduction in manufacturing and assembly times without cutting point wastage
- Perfect quality assurance at the highest technological level
- Complete services
- Qualified support for problem solving by HAKOS specialists
- Full responsibility for the project by HAKOS specialists
- HAKOS responds flexibly to your needs

MACHINE DATA:

External grinding

- Parts up to 1000 mm in length
- Ø 0.2 - 250 mm

Internal grinding

- Parts up to 450 mm in length
- Grinding depth 150 mm
- Ø 1 - 180 mm

Thread grinding

- up to 450 mm in length
- Ø 1 - 200 mm
- Pitch from 0.2 mm

Surface precision

- Rz=1,5

For threshold ranges, please ask us!



The company HAKOS was founded more than 100 years ago in Schwenningen by Andreas Hakenjos. The company produced thread cutting tools and gauges from the beginning, thereby laying the cornerstone for HAKOS' core competencies. Today, HAKOS is managed by Birgit Hakenjos-Boyd.

The philosophy of the company is characterised by absolute customer orientation and the values of reliability and precision.

HAKOS. What luck!

DIN EN ISO 9001:2008 certified

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-  **INJECTION MOULDING COMPONENTS**
-  **SINGLE PART MANUFACTURING IN THE MICRON RANGE**
-  **THREAD TAPS AND GAUGES**
-  **STANDARD COMPONENTS FOR STANDARD PARTS SUPPLIERS**

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