

A successful family-owned company: Focusing on people.

Pöppelmann – a strong and reliable partner. Since 1949 the family-owned company Pöppelmann with 5 production sites and 550 injection moulding, thermoforming machines and extruders has proved itself to be a leading manufacturer in the plastic processing industry. In more than 90 countries the quality “made by Pöppelmann” is appreciated. More than 2,000 highly qualified employees stand for our success.

Our KAPSTO® business division develops and manufactures more than 3,000 types of plastic protective elements. Caps and plugs from the KAPSTO® standard range reliably protect female and male threads, bores, tubes, pipes, hoses, bolts, flanges etc. They are used during production, shipping, storage and painting. All standard KAPSTO® products are supplied from stock. At your request, we also develop and produce custom solutions tailored to your needs.



More than 2,000 Pöppelmann employees stand for productivity, quality and service



Germany, Plant 2: Pöppelmann Kunststoff-Technik GmbH & Co. KG, Lohne



Germany, Plant 1: Pöppelmann GmbH & Co. KG, Kunststoffwerk-Werkzeugbau, Lohne

Tailored protective elements:
Pöppelmann KAPSTO® **custom-made products.**



LINE END CAP WITH ABSORPTION FOAM



TRANSPORT LOCK



COVER FOR COAXIAL CONTACTS

Secure your competitive advantage: benefit from the **Pöppelmann KAPSTO® factors for success.**

Competent, customer-oriented project management.



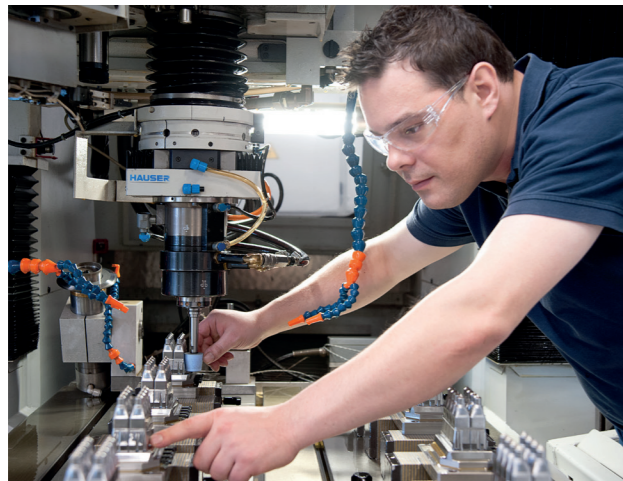
Our benefits for you: Pöppelmann KAPSTO® takes on many of the tasks that are to be done in a project. This saves you much time and costly interfaces (e.g. external developers and mould makers).

Modern and fast CAD-controlled development tools.



Virtual product development and optimisation as an efficient way to the series production tool – e.g. through use of 3D simulations or CATIA V5 on more than 60 CAD workplaces.

Quick and functional samples provided by our corporate prototyping facility.



Over the years, Pöppelmann has gained high expertise in tool engineering, especially in master mould production. Thanks to Pöppelmann's own master mould system, serial production can be achieved in short time while staying flexible. **This way our mould making department ensures fast responses and high efficiency.**

Flexible and economical mould making.



The ideal conditions for successful cooperation: The production at Pöppelmann KAPSTO® is distinguished by its **consistent quality, high production output and exemplary cleanliness**, including our proven quality management certified according to DIN EN ISO 9001:2008 and environmental management, audited in line with EMAS II and DIN EN ISO 14001:2005.

Rapid Tooling: Short development times thanks to prototypes and serial production material.

Pöppelmann has enhanced its expertise in rapid prototyping over recent years to satisfy ever-shorter development cycles in the industry. The **rapid tooling** sector in particular offers enormous potential in terms of **speed** and use of serial production material.

The concept: **Not the component itself is printed. The 3D Printer is used to create a mould for the component.** Within this process, liquid plastic is applied to the 3D printer surface. Ultraviolet light facilitates the instant hardening. The printed mould is implemented into the existing master cavity mould and filled with material. The master mould has the great advantage that only contour inserts and not the entire mould must be created – this is not only faster but also more economical. Moreover, the existing cooling system can be used. As a result, a fully functional component is produced in an extremely short time.

Rapid tooling can therefore provide **individual testing samples in serial production** material, even in early stages of development. This not only enables important functions **to be tested** immediately, but also **shortens development times** and **lowers costs** for our customers.

- ⊕ **Prototype parts made of serial production material.**
- ⊕ **Quick mould production time.**
- ⊕ **Short delivery times.**

The output may vary depending on the model, its geometrical shape and the selected material.

