

Customised filters for your application

- Idea, design, prototypes, series production



küfner



Your product is unique. Your filter should be as well.

You have invested a lot to make your product successful. It is unique in many ways and can therefore compete on the world market. A filter can protect your product, make it better or safer. If it fits your application exactly. And when it receives the attention you gave to your product during its creation. Let's consider together how we can individually design your filter so it fits seamlessly in your product. Challenge us!



Your requirements are our motivation. For the best filter.

Temperature stability, flow rate and media resistance are just some of the many requirements a filter must fulfil to meet your high demands. Only when we have understood exactly what your filter is supposed to do and what its operating environment looks like can we create a functional concept for you that fully grasps your requirements. Our customised filter design and a tailored manufacturing concept ensure that your requirements are turned into perfect series products that also impress economically.



Your expectations are our yardstick.
From sample filter to series production.

With the production of your filter, you entrust us with an important role in the value-added chain of your product. Our awareness of this task is reflected in all our processes and standards. From sample filters made in manual production to automated series production runs of several million. The bandwidth of our filter production possibilities ranges from metal filters through hybrid filters of metal mesh and plastic injection moulding and plastic filters right up to filters with diaphragm. Furthermore, we are proficient in the processing of thermoplastic elastomers (TPE) by injection moulding for the production of filters with integrated sealing elements. The production of high-quality filters for medical technology applications in a class seven clean room underscores our commitment to product quality and working methods.

We ensure mobility. For every vehicle.

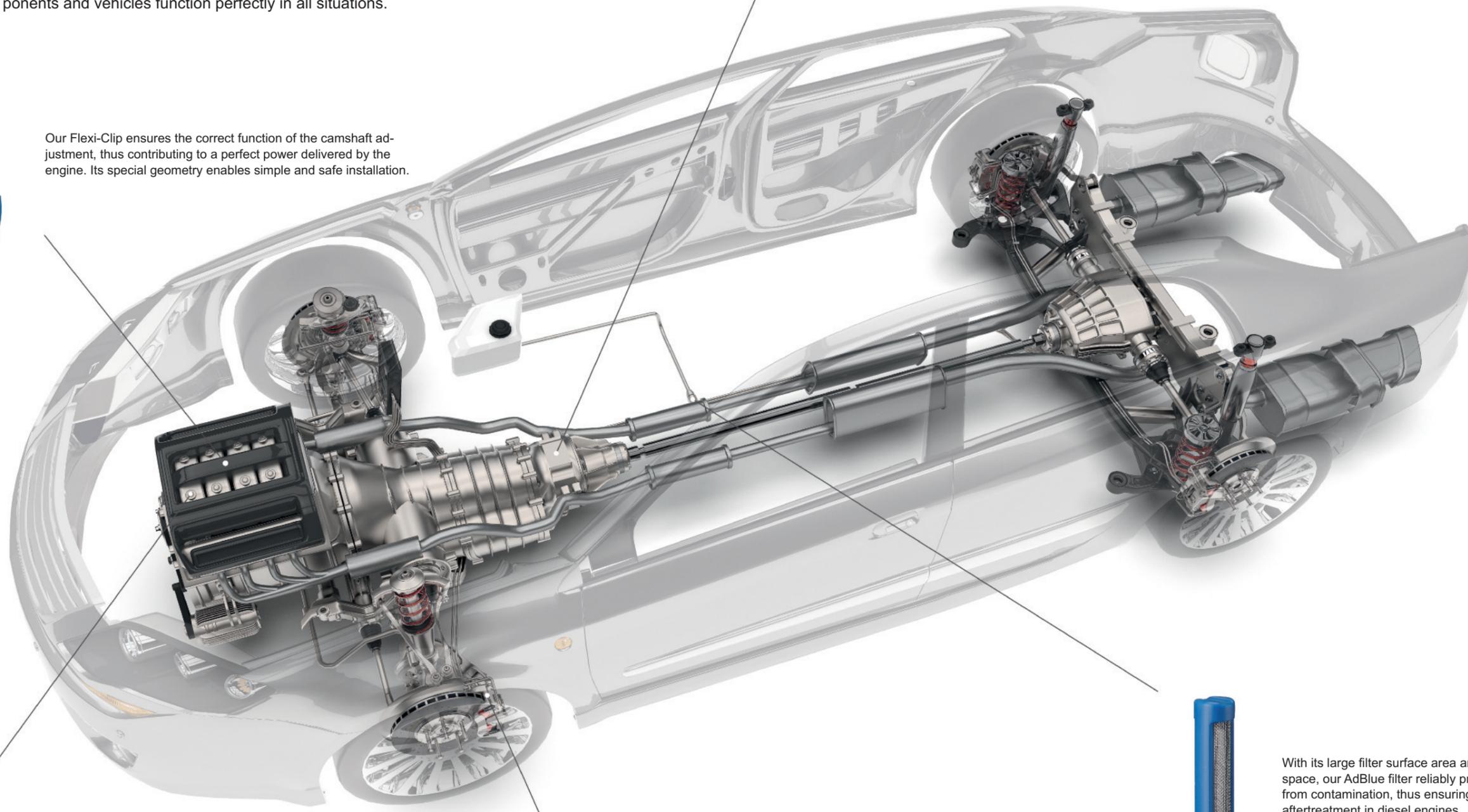
Our filters protect function- and safety-relevant components such as injection valves and brake systems against damage and wear. So that components and vehicles function perfectly in all situations.



Our combination filter protects the control of the solenoid valve in automatic transmissions for a fast and smooth gear change in any driving situation. It simultaneously performs sealing and filter functions for small installation space and low installation effort.



Our Flexi-Clip ensures the correct function of the camshaft adjustment, thus contributing to a perfect power delivered by the engine. Its special geometry enables simple and safe installation.



Our injector filter protects the injection valves from damage and malfunction and ensures reliable operation of the injection system. Fine woven fabrics and a clamping ring ensure reliable particle protection and optimum fixation.



In braking systems, our ABS filter helps ensure that the valves of the wheel brake cylinders function reliably and that vehicles remain controllable even during emergency braking. The high-quality connection of metal mesh and plastic frame is extremely pressure and media resistant.



With its large filter surface area and smallest installation space, our AdBlue filter reliably protects the dosing unit from contamination, thus ensuring effective exhaust aftertreatment in diesel engines.

We protect patients. In all situations.

Our filters prevent contamination in liquids and gases, which can occur in the medical care of patients. In this way, we ensure that patients receive better and safer treatment.

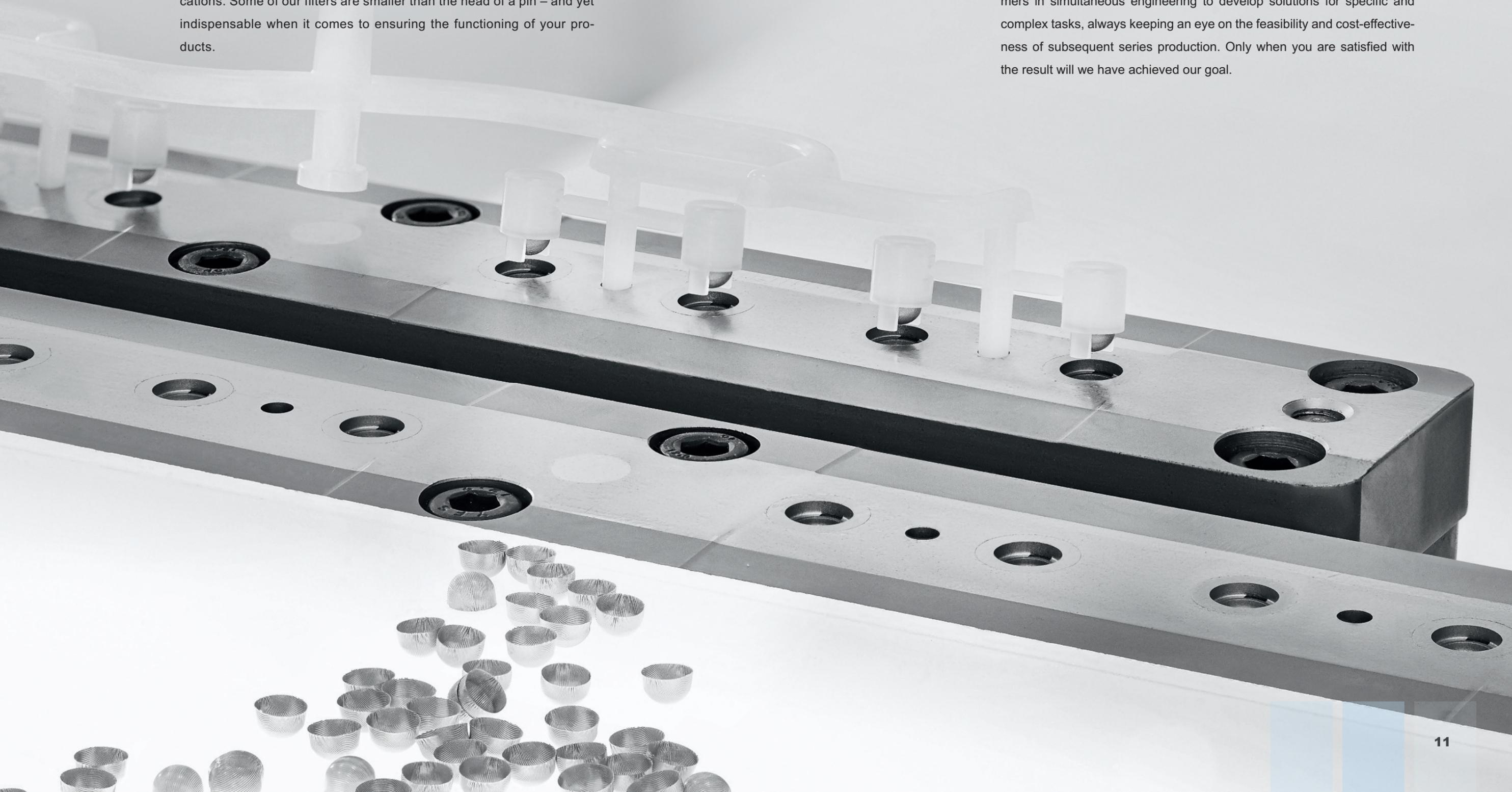


Filters for every application. From bathroom fittings to Airbus.

From the tap in the bathroom to the nose wheel in the plane – our filters can be found practically everywhere. They prevent interference in sensitive units and enable smooth operation in a wide range of applications. Some of our filters are smaller than the head of a pin – and yet indispensable when it comes to ensuring the functioning of your products.

How does your ideal filter look - and what does it have to do?

Describe your application to us and what experience you have had with it to date, so we can develop a customised concept for you. For a filter that meets your high demands. We are accustomed to working with our customers in simultaneous engineering to develop solutions for specific and complex tasks, always keeping an eye on the feasibility and cost-effectiveness of subsequent series production. Only when you are satisfied with the result will we have achieved our goal.





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