



**PLASTIC IS NOT JUST  
A MATERIAL.  
IT'S OUR WORLD.**



**FIFTY YEARS AGO, WE  
INTRODUCED THE SILICONE  
DIE TO EUROPE.**

**TODAY, WE OFFER  
A WHOLE LOT MORE:**

flat and curved silicone dies, dies for large-surface stampings, silicone wheels and rollers, silicone sheets, metal dies, support fixtures and positioning guides.

**IN OTHER WORDS, WE OFFER  
EVERYTHING OUR CUSTOMERS NEED  
TO MAKE A GOOD IMPRESSION.**

We not only make stamping tools that offer the highest level of precision, but also provide the knowhow for getting the best, most efficient use out of them. This expertise is of great benefit to our customers – in the consultation stage, during implementation on site, and with every individual stamp thereafter.

Of course, we do not rely purely on our experience – state-of-the-art CNC-aided technologies and exclusively manufactured high performance silicone also make us what we are today: market leader.

# WE KNOW WHAT IT'S ALL ABOUT

**Precision, speed, quality: each of these aspects is incredibly important. What matters most, however, is that the right priorities are set to serve each specific purpose.**

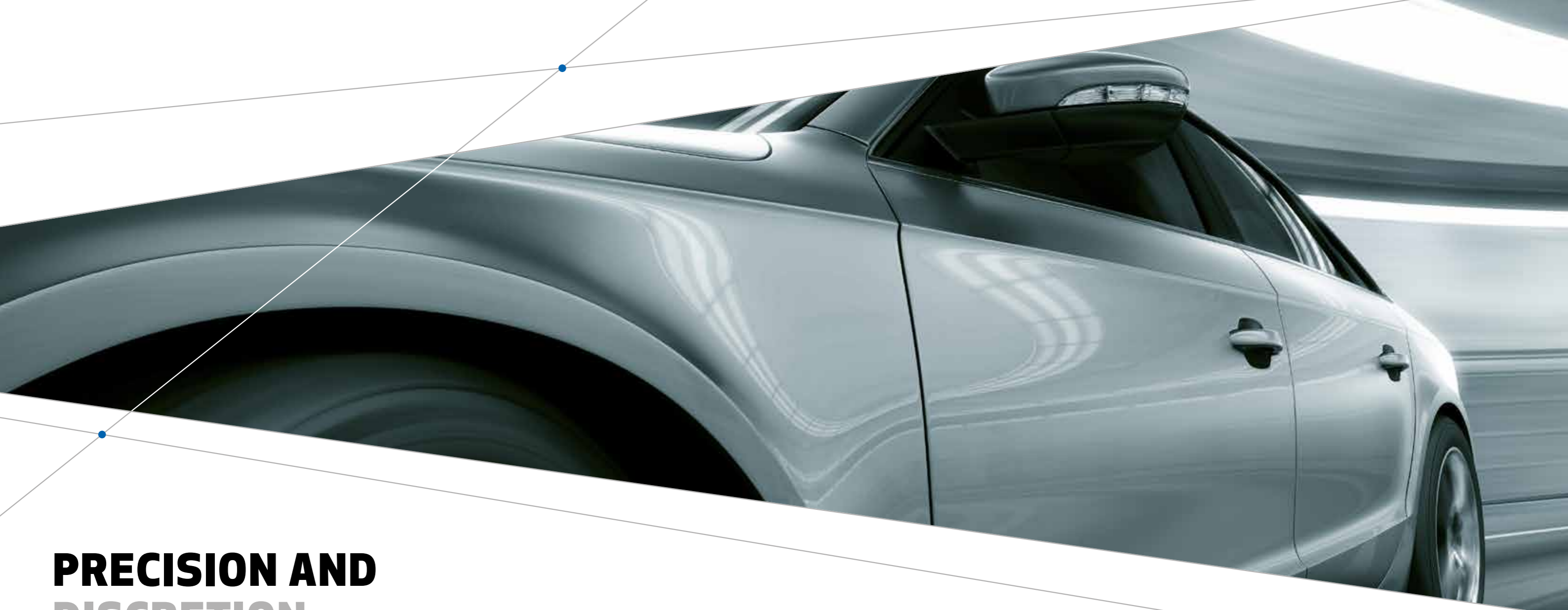
Thanks to our long-standing collaborations with renowned companies in various sectors, we know exactly when which requirements are in demand.

That is why our stamping tools and high performance silicones have been used for 50 years in the following industries, among others:

- Automotive
- Cosmetics
- Home appliances
- Medical
- Industrial







## PRECISION AND DISCRETION

**Accuracy of fit, dependability and on-time delivery are crucial in the automotive industry. We can ensure that we provide all of the above; having several production sites is a big help.**

Our employees also know that the utmost discretion is extremely important when innovative parts are being used, for example to give new vehicle models their unique appearance.

### NOT ALL THAT GLITTERS IS CHROME

Many chrome coatings on interior and exterior features and panels are now transferred onto plastic surfaces by hot stamping. Typical examples include radiator grills, decorative trims, air outlets and dashboards. The silicone dies and support fixtures from hinderer+mühlich guarantee edge definition and surface quality on the embellished surfaces.



### #AUTOMOTIVE

Our dies have a thickness tolerance of less than 1/10 mm. This way, there is virtually no thickening or necking in the stamping image.

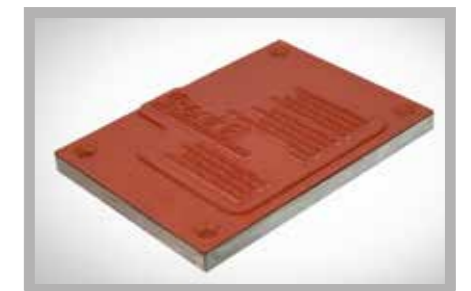




## MORE THAN JUST LOOKS

**The cosmetics industry is all about beauty, radiance and perfection. But other values are key when it comes to cosmetics production, in particular speed and cost control.**

The hot-stamping dies from hinderer+mühlich offer the best of both worlds. The high performance silicone we use in our stamping tools ensures that they reach their operating temperature as quickly as possible, thereby efficiently and reliably creating the high-quality product designs that consumers love.



### #COSMETICS

Various silicone thicknesses allow for intricate peripheral stamping on cylindrical, conical and uneven parts. Special flank angles ensure the lateral stabilisation of particularly delicate lettering and designs.



# WHERE QUALITY FEELS AT HOME

**Renowned manufacturers provide high-quality and long-lasting appliances for the home - and the same must be true of every part of the product.**

It's no surprise, therefore, that these manufacturers rely on hinderer+mühlich when they want their appliances to feature clearly legible, abrasion-resistant and durable lettering and markings to facilitate operation and handling.

We know that tool precision, high accuracy of fit, and quick set-up times are crucial for ensuring that the frequent die changes required for different models do not entail unnecessary extra costs.



## #HOME APPLIANCES

From a certain die curvature, inner cores ensure optimum pressure and temperature. Sophisticated thermal stores and stabilisation surfaces constantly maintain the right amount of heat around the stamped image.



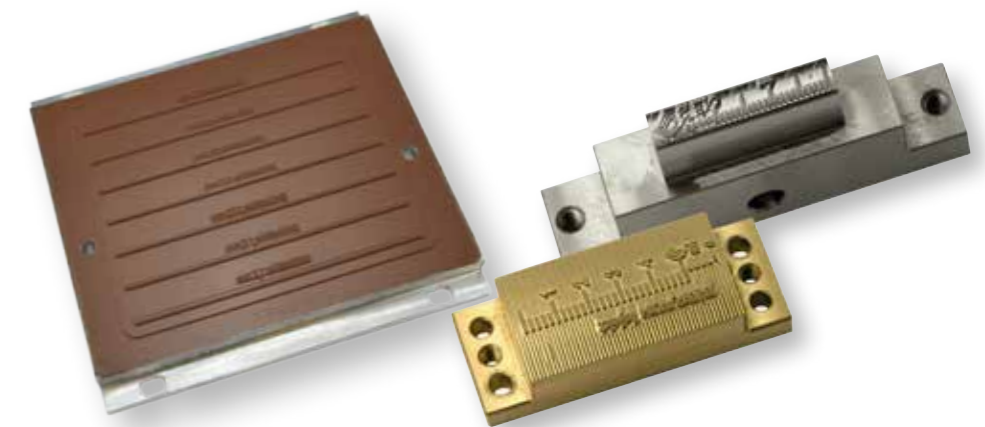




# WHERE PRECISION IS VITAL

**When it comes to medication dosage, human health is at stake.**

We are ready and willing to accept this responsibility. For example, we produce dies that stamp dosage divisions onto syringes. This is done with the greatest precision, avoiding even the slightest deviation. It's no surprise that hinderer+mühlich's hot-stamping dies and support fixtures are used frequently for medical supplies and products that require abrasion-resistant and clearly legible lettering and markings.



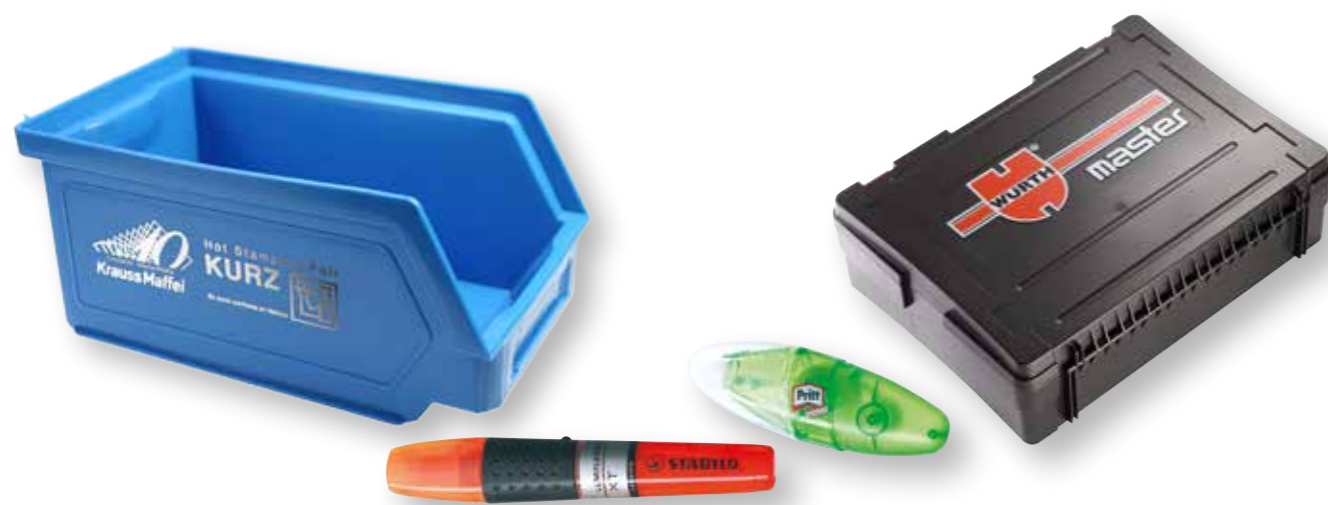
## **#MEDICAL SUPPLIES AND PRODUCTS**

Our precision metal dies are particularly well suited for plastic components with a low tolerance and for plastics with a high plastification temperature.

# WIDE-RANGING EXPERIENCE

Hot stamping has a number of advantages, as it produces long-lasting, scratch-resistant embellishments that require no post-treatment of the product. This makes the process just as popular as it is diverse. It is used for a wide range of purposes from product identification and marking work equipment to decorating the surfaces of products such as safety helmets, stationery, and tool boxes.

Our experience grows with every product we work on. And we draw from this experience every time we offer our customers individual solutions from our wide range of services that perfectly match their requirements.



## #INDUSTRIAL

A variety of silicone coatings and Shore hardnesses ensure the best possible result is achieved across a wide variety of applications.





# MAKING IDEAS VISIBLE

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