



HILDEBRAND

- custom parts -

**We realise
your project!**



casting • forging • machining • coating

HILDEBRAND

Four generations of professional competence and reliability – Karl Hildebrand GmbH has been a trustworthy partner for customers and business partners since 1905. We operate as a supplier to the commercial vehicle industry and in the field of custom components. Our

tradition-conscious family business focuses on a future-looking orientation in order to meet changing requirements. Through the ISO 9001 certification, we guarantee excellent product quality and sustainable process optimisation for customer satisfaction.



OUR STRENGTHS – YOUR ADVANTAGE

As a preferred supplier of high-quality hinges, locks and custom parts, we can draw on decades of industry experience and expertise in the casting and forging segment.

„Use synergies!“ – Our entrepreneurial expertise makes it possible to realise tailor-made solutions for custom parts from many industrial sectors. Whether small series starting from 500 pieces or larger runs, our flexible production and storage capacities are adapted to your requirements. We accompany and

advise our customers from the initial conception to the series production of a product. The generation of 3D models to illustrate our development, the creation of initial samples including well as tests with test reports and material tests before the start of production are fundamental here.

Discover the advantages of a cooperative partnership with Karl Hildebrand GmbH. Trust in our commitment to quality and reliability, benefit from global reach and experience. Together, we can achieve exceptional results.

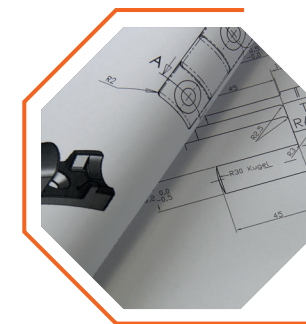
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IT ALL STARTS WITH YOUR DRAWING...



1.

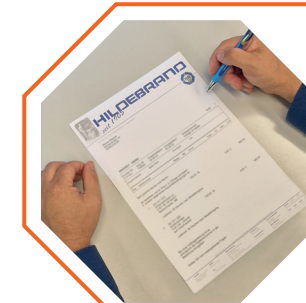
DRAWING SUBMISSION

Send us your drawing in PDF, DXF, DWG, STEP or IGES format or classically hand-drawn.

DRAWING CHECK

Based on your drawing, we check whether the desired product can be realised. This includes selecting the right manufacturing process, materials, surface finish and general tolerance.

2.



3.

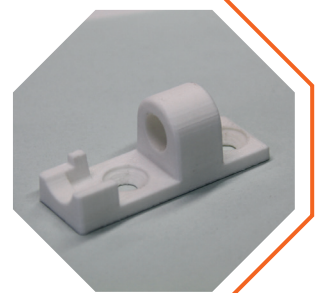
TRANSMISSION OF QUOTATION

Within a very short time, you will receive our free and non-binding price quotation including any (manageable) tool costs that may arise.

3D PRINT

On request, you will receive a 3D print from our company for illustration or for the practical function test.

4.



5.

INITIAL SAMPLE INSPECTION

For the release of series production, we will provide you with a set of samples including an initial sample inspection report. We will take care of the necessary measurement for you.

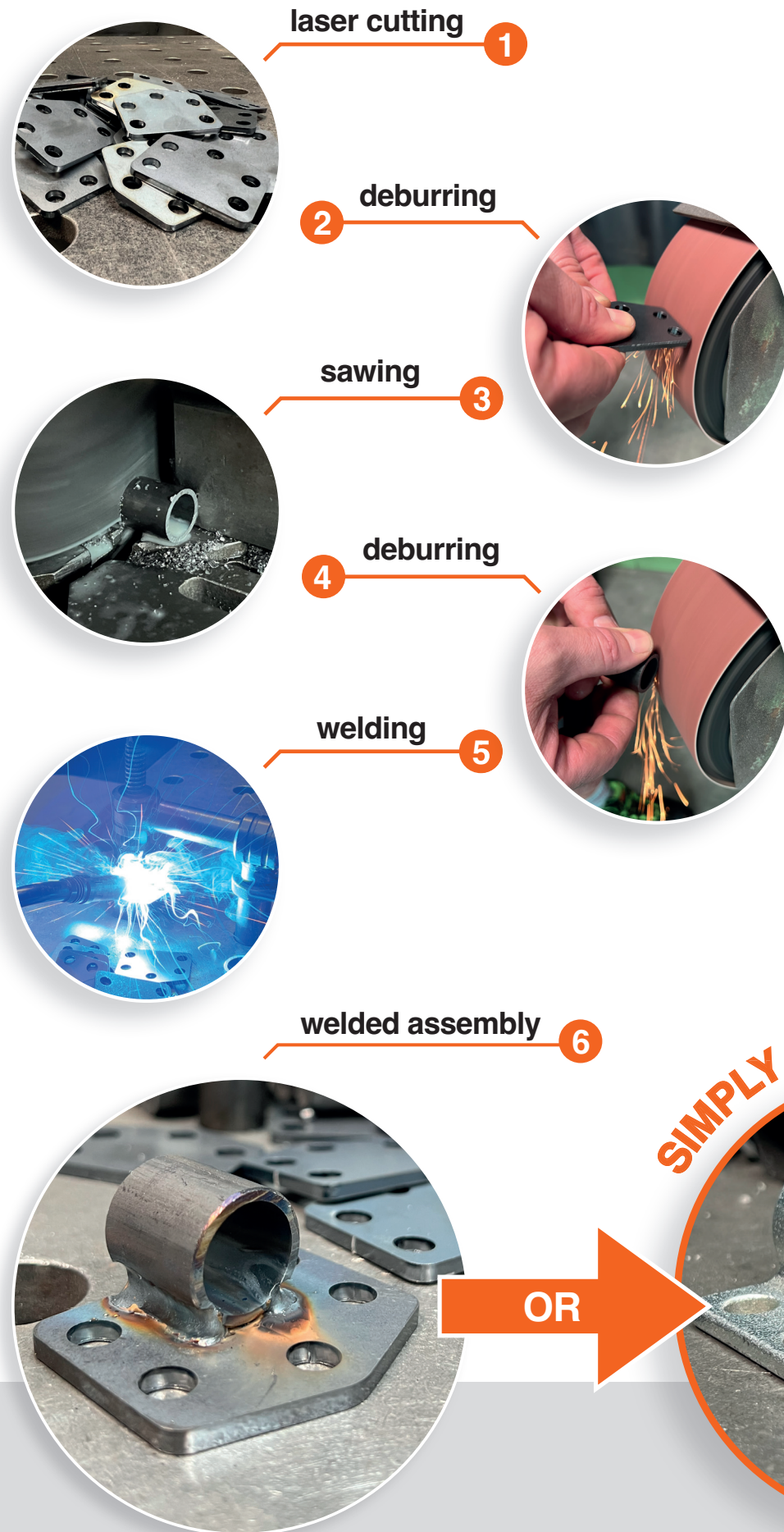
SERIES PRODUCTION

The series parts are now manufactured, tested and can be delivered in one batch. We offer stockpiling for larger quantities. A framework agreement can be concluded for this purpose.

6.



WELDED ASSEMBLY VS. CASTING



ONE-STOP SHOP

Casting / forging instead of welding!

We offer the solution, you enjoy the benefits:

- Complicated shapes can be realised
- Your product appears in new splendour
- Cost reduction
- Time savings by in-house production
- Time for new projects!

OUR SERVICES

CASTING



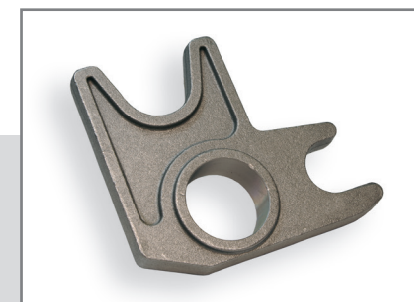
About 90% of our castings are made of cast steel in a wide variety of processes. This material is characterised by its good properties in terms of strength, toughness and weldability. Whether a small series of 500 pieces or the mass production of 500,000 pieces, simple parts or complex geometries, completely inconspicuous or with your own logo. We'll be pleased to advise you. In addition, we also offer other casting processes such as malleable cast iron, stainless steel casting or aluminium casting.



FORGING



Another manufacturing process is forging. Here, too, the production of small series up to mass-produced articles with a high dimensional accuracy can be realised. Nothing stands in the way of subsequent machining. The unit weights range from a few grams to several kilos. Forged parts can be perfectly adapted to their loads and are able to accept high static and dynamic loads.





MACHINING

Very tight dimensional and shape tolerances can be achieved by machining. The high precision enables the production of a wide variety of shapes, preserves the mechanical properties of the material and gives them a good final texture.



COATING

Corrosion weakens and destroys the material. But it can be protected. Many factors play an important role in the selection of the right corrosion protection, such as the base material, component geometry, place of use and much more.

Here, too, we are at your disposal with our know-how and offer a wide range of coating methods in cooperation with our regional partners. From classic galvanisation, which is mostly used for internally installed parts, to weather-resistant zinc-nickel coating or hot-dip galvanising with a very long protection duration.

→ Corrosion tests on request



- Galvanising
- Zinc-nickel coating
- Zinc flake coating
- Hot-dip galvanising
- Cathodic dip coating (KTL)
- Powder coating
- Eloxal process



FURTHER PROCESSES

Our portfolio includes a variety of possibilities to realise your project. From simple welded assemblies to complex 3D bent parts, many things can be implemented.

We regard difficult projects as a challenge and are determined to complete them successfully with commitment, teamwork and creative solutions.

- edging
- stamping
- bending (2D/3D)
- deep drawing
- forming
- welding
- assembling



WAREHOUSING / STOCKPILING

Our wide range of different products and high level of readiness to deliver necessitate lots of storage space. You can benefit from this.

We offer stockpiling in our warehouse for large quantities. A framework agreement can be concluded for this purpose, which gives you additional security.



QUALITY MANAGEMENT – ISO 9001:2015



We regard the promotion of our employees' sense of responsibility and quality awareness as an essential task. In this way we aim to give our customers the certainty that they can trust the expertise and reliability of Karl Hildebrand GmbH with all offers from our range of products and services.

In order to implement our corporate guidelines and to achieve the goals we have set ourselves, Karl Hildebrand GmbH has introduced a process and customer-oriented management system based on the DIN EN ISO 9001:2015 standard. However, the management system can only be benefici-

al if it applied meaningfully to the special needs of the company and if necessary adapted to the individual requirements.

To that extent the aim is not to run a rigid, prefabricated management system, but rather a system that is tailored optimally to the interests of all customers and interested parties as well as all employees within the framework of uniform, meaningful rules.



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