

Every new task ...



... is based on the perfect tool.



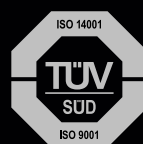


It's a lot we invest in our tools.

Each enterprise has to fulfill specific tasks in order to successfully face up to competitors. And this can only be done with the perfect tool! This is why our high-quality, durable and absolute reliable tools made of steel and carbide metal are made from comprehensive know-how, absolute precision and top-grade quality. In addition to that proven formula for success we are permanently open for innovations. With that and our wide range of services we perfectly orient towards the wishes and tasks of our customers. By consequent investments in latest machines. By our own research in cooperation with universities and other institutions. And by constantly developing our performance range which allows us to offer tailored solutions to the right prices for the market – like our own carbide metal production for example which means short delivery times for our customers.

Nice to see what comes out.

The results of our job look quite respectable. On the rail, on the street, on the water, in the air and at environmentally friendly energy production. No matter if wind energy plants, Airbus 380, ICE, Transrapid, cruise liners, automobiles of Porsche or Maybach – our know-how is always on board. Finally substantial enterprises with a worldwide reputation produce their various high-performance components for these technologies, with tools from Bender. And sometimes we even help to reach for the stars. Because some components of the Ariane space program are manufactured with our tools. Whatever the future will bring – with tools from Bender Werkzeugbau our customers are prepared optimally.





Carbide drawing tools for tube- and rod drawing

e. g. drawing rings, wire-drawing dies, profile wire-drawing dies, drawing mandrels and mandrils

The production of drawing tools of all kind shows the whole power and efficiency of our company. It makes no difference whether tools for wire drawing or tube drawing, hardened version and with optimal tensioning, in steel, carbide metal or polycrystalline diamonds: we guarantee exact geometry, most limited tolerances, excellent material surfaces and therefore absolute reliability as well as intelligent solutions that point the way ahead.





Tools for massive forming

for production of screws, nuts,
rivets and many other components

With the production of forming tools today we already meet the demands of tomorrow. We put our trust in innovative technologies and prospective alternatives. And we always use the latest knowledge for consulting our customers and also perfectly train our experts. A special advantage: Customers, who are active in tool making themselves, rely on our accessories for high-precision finishing work – e. g. grinding pencils, calibration pins, diamond powder and suspension.





Carbide and steel tools

e. g. leveller rolls, drawing cheeks, shear off bushes and shear off knives, polishing wheels, descaling rolls and drawing-in cheeks

We produce cropping and trimming tools made of steel resp. with carbide lining, in all shapes and versions. These tools do not just answer the highest requirements according to stress and abrasion resistance – also, the latest coating processes are used for the production process. The results are extremely long operating times and service life. On both our customers can rely on.





In-house carbide metal production

for production of precision tools,
e. g. for forming, wear protection as
well as for producing many other
job-tailored versions

We have consolidated knowledge in particle metallurgy which enables us to produce high-precision carbide metals of finest grain sizes up to robust coarse grain sizes of top-quality. For molding technique resp. in the subsequent processing we are equipped with the latest sintering plants and versatile, state-of-the-art computer controlled machines. The profit for our customers: an extensive scope of program, great flexibility to your inquiries, short delivery times and... we adhere to our deadlines.



Responsibility and trust:

State-of-the-art technology – made in Germany.

Top-grade products, versatile service and customer-oriented solutions. With this basis we have been proving for generations that a medium-sized family enterprise can successfully maintain its position in the worldwide competition. At the same time we clearly stand by the location Germany which provides a whole variety of chances and perspectives and we also stand by a positive and conscious relation to the environment and resources.

A motivated team – the key to success.

Customers are our partners – employees are our most valuable potential. That's how we see it. This is why we always work together on our success and base our hopes on a motivated team, in order to fulfill our tasks. Because qualified employees play the biggest part of the quality of our products and service. At the same time we are a company that takes on trainees. So we consequently see to young qualified specialists. With that we provide perspectives for the future and secure jobs.

First class products – customer-oriented service:

- Precision tools for varying applications
- Development and realization of tailor-made solutions
- Own carbide metal production allows fast supply
- Quality assurance, e. g. with the latest computer-controlled measuring and test systems
- Consistent investments in innovative machines/production plants
- Reworking and modification of used tools
- Orders in paid labor



**Claus Bender Werkzeugbau
GmbH & Co. KG**

Industriestraße 26
D-35614 Aßlar

Phone + 49 (0) 64 41 - 4 45 34-0
Fax + 49 (0) 64 41 - 4 45 34-200

E-Mail info@bender-werkzeugbau.de
www.bender-werkzeugbau.de