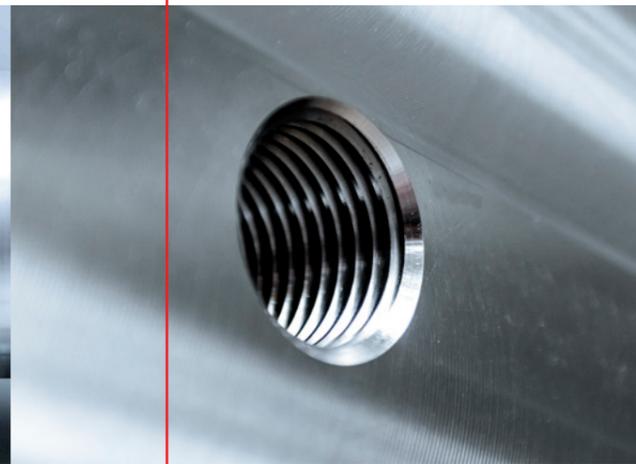
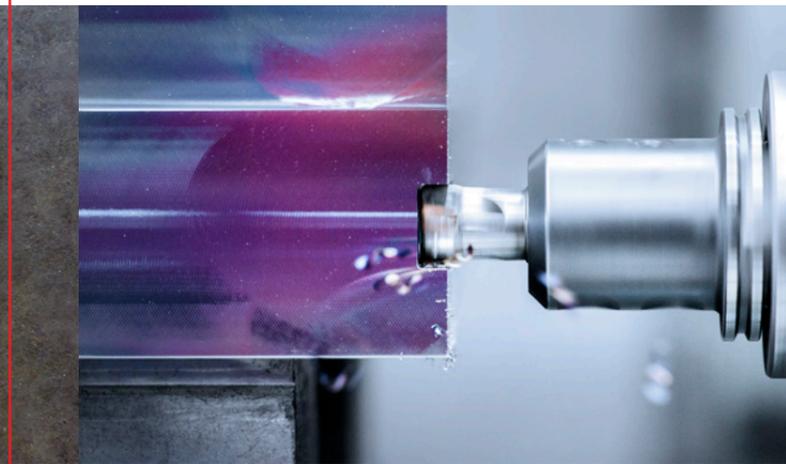




Systemised services

Gröditzter Werkzeugstahl Burg GmbH



Individual solutions Instead of off-the-shelf steel

Gröditzter Werkzeugstahl Burg GmbH is the service centre for tool and mould construction and has its own warehouse and machining facilities. We supply steel in the form that you need it: as machined tool steel, blanks precisely sawn to your dimensions, processed according to your individual drawing, or as ESR-quality steel.

We support our customers in the implementation of their individual wishes and requirements regarding tool and mould steels. Our close collaboration with the Schmiedewerke Gröditz GmbH ensures that orders are processed precisely and rapidly, reliably and flexibly, and with high quality. Heat treatments such as tempering, hardening or quenching can also be carried out on request – even at short notice.

Convincing quality

Solutions precisely to specification, always with maximum quality – this is our aspiration. We therefore have our good work certified according to ISO norms. The tool steels produced at Schmiedewerke Gröditz GmbH are also subject to stringent quality inspections. We offer our customers absolute transparency: factory acceptance inspections are attested and can always be verified in the form of quality documents. Full traceability of production and quality data is ensured for all products.

Versatile machining

Your requirement, our solution

The processing equipment at Gröditzter Werkzeugstahl Burg GmbH is designed for workpieces weighing up to 35 tonnes. The machine park includes horizontal and vertical sawing equipment for cross-sections of up to 1,700 mm, as well as portal and travelling column milling machines with CNC control systems for the demanding pre-machining of large tool elements.

A strong alliance

Our high-quality tool steels are produced and inspected for the service centre by the Schmiedewerke Gröditz GmbH. We form a strong team as part of the Forging Technology Business Unit of the GMH Gruppe. Networked and efficient. The production facilities at Schmiedewerke Gröditz GmbH include metallurgy and forging technology, among other things.

The production facilities at Schmiedewerke Gröditz GmbH

- Metallurgy – 50-tonne electric arc furnace, ladle furnace, vacuum degassing, ingot casting up to 75 tonnes, ESR technology for ingot weights up to 84 tonnes.
- Forging technology – open-die forging presses (pressing forces of 60 and 27 MN), comprehensive range of heat treatments.

Werkstoffe

- **1.2312** Plastic mould steel for core parts and prototyping
- **1.2738** Plastic mould steel for medium to large moulds
- **XPM** High-strength plastic mould steel
- **XPM ESR** Plastic mould steel for special requirements – high-gloss polishability and high-strength
- **1.2083 ESR** Corrosion-resistant mould steel with high-gloss polishability
- **1.2714** Die steel
- **1.2343 tempered** Tool steel for die-casting moulds and press dies
- **1.2343 ESR** Die-casting mould steel, high-gloss polishability and high toughness
- **1.2767** Tool steel for highly stressed press and punch tools
- **1.4313** Tempered mould steel with high corrosion resistance and toughness
- **1.2316** Corrosion-resistant mould steel
- **1.8519** Nitriding steel with high wear resistance

Dimension range in delivery programme

- Weight: max. 35 tonnes
- Dimensions: max. 1,660 x 1,560 x 6,000 mm
- Larger dimensions can be ordered directly from Schmiedewerke Gröditz GmbH

Performance range in delivery programme

- Machined tool steel made from forged steel bars and rolled plates, also with transport threads
- Sawn blanks according to customer requirements
- Workpieces machined according to drawing: sawn, milled, drilled, 3D milling; readable CAD/CAM file formats: DWG, DXF, IGES, STEP, CATIA, STL
- Steels, also in ESR quality: plastic mould, hot-working, cold-working, and die steels

Dimensional ranges for machining

- H x W x L in mm
- Horizontal bandsaws: 1,060 x 1,660 x 6,000
- Vertical bandsaws: 1,560 x 1,560 x 4,000
- Portal milling machines: 1,250 x 3,300 x 5,000
- CNC drilling and milling machines: 1,250 x 2,000 x 6,000

Performance range for machining

- Workpieces weighing up to max. 35 tonnes
- Horizontal and vertical bandsaws for cross-sections of up to max. 1,700 mm
- portal and travelling column milling machines with CNC control systems for precise machining of large tool elements according to customer drawing

Certifications

- ISO 9001:2015
- ISO 14001:2015

Areas of expertise



AUTOMOTIVE



MECHANICAL ENGINEERING



CONSTRUCTION, AGRICULTURAL, AND COMMERCIAL VEHICLES



SHIP AND OTHER LARGE ENGINES



RAILWAY TECHNOLOGY



ENERGY TECHNOLOGY



Gröditzer Werkzeugstahl Burg GmbH

Troxel 1b
39288 Burg | Germany
T +49 (0) 3921 4160-6
info.gwb@gmh-gruppe.de
www.werkzeugstahl-burg.de

Gröditzer Vertriebsgesellschaft mbH

Halskestraße 23 - 25
47877 Willich | Germany
T +49 (0)2154 9415-0
schmiedetechnik@gmh-gruppe.de

GMH Gruppe

www.gmh-gruppe.de

Individual service leads to best results

Our many years of experience make us your competent partner for tool and mould construction. We prefer to collaborate in order to achieve the best possible results. Not only within the GMH Gruppe, but also with you. Together, we discuss questions regarding the material and implementation. We offer you comprehensive service activities adapted to your needs - regarding all aspects of our high-quality tool steel.

Gröditzer Werkzeugstahl Burg GmbH is part of the Forging Technology Business Unit of the GMH Gruppe.

From raw material to finished installation component - with a passion for precision.