

## CHEMNITZER ZAHNRADFABRIK

*-eine Idee mehr!*

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The Chemnitzer Zahnradfabrik GmbH & Co. KG is located in Chemnitz, which is the centre of mechanical engineering in Saxony. It develops and manufactures special customer-specific gears for all areas of machine and plant engineering. Special gears As extraordinary ideas never follow standards, the special gears of Chemnitzer Zahnradfabrik are not listed in a catalogue. Our gears are adapted to the particular case of application for helical, worm or bevel gears and can easily combine all of them. Any possible applications of mechanical engineering, whose sophisticated concepts do not allow the use of a standard gears, can be solved by us (within a drive torque range of up to 10,000 Nm). Integrated switchable couplings extend the field of application.

Toothed parts Spur gears Pinion shafts Internal gears Spline or gear

shafts Sprockets Bevel wheels Worm wheels and worm shafts Toothed

segments Special profiles

Thanks to in depth knowledge of special gears in combination with ultramodern production and measurement technology, we are able to design and manufacture a great variety of high-precision cogwheels, geared shafts and toothed segments according to your wishes. Industry solutions CZF hydraulic motor gearbox Plant engineering Construction machines Printing machines Plastics machines Agricultural engineering Food engineering Motorsports Ship engineering Environmental

engineeringMachine tools

Today's mechanical engineering products are characterised by a complexity and intricacy which has led to high division of work and specialisation in the development and production of individual assembly groups. In the field of drive technology, Chemnitzer Zahnradfabrik realises customer-specific solutions for any branch of mechanical engineering. We have the perfect idea for you!

Production engineeringHobbingGear shapingErodingTooth flank grindingCase

machiningAssemblyQuality assuranceHeat treatment, coating, joining

Chemnitzer Zahnradfabrik has a high vertical range of production which is absolutely essential for special gear manufacture. It ranges from material cutting over parts production to final colouring and assembly. Our core competence is the production of high-precision gear parts on ultramodern CNC machines. For that purpose, our optimally skilled workers are provided with a great variety of gear cutting tools, complemented by a wide range of devices and tools for case machining.

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