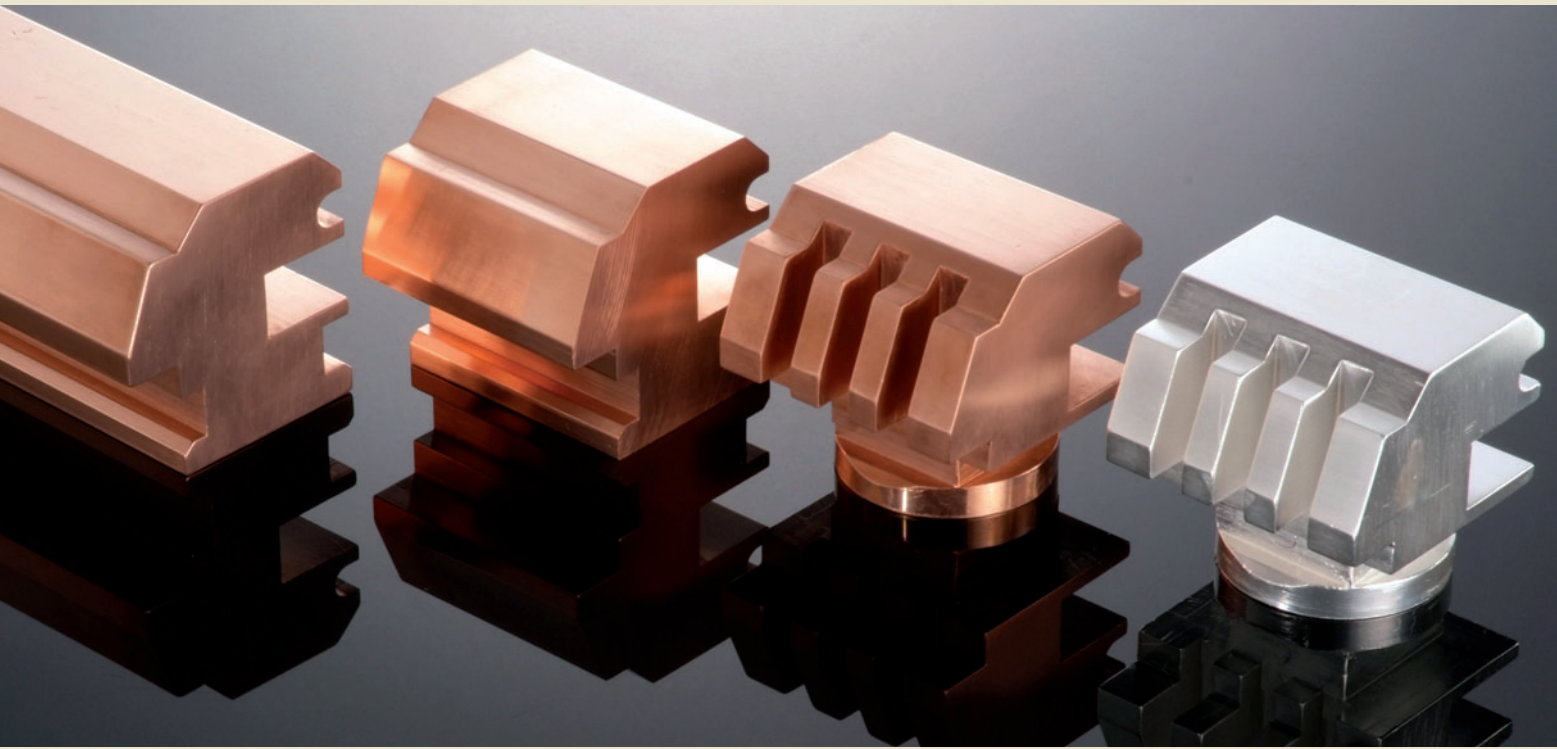


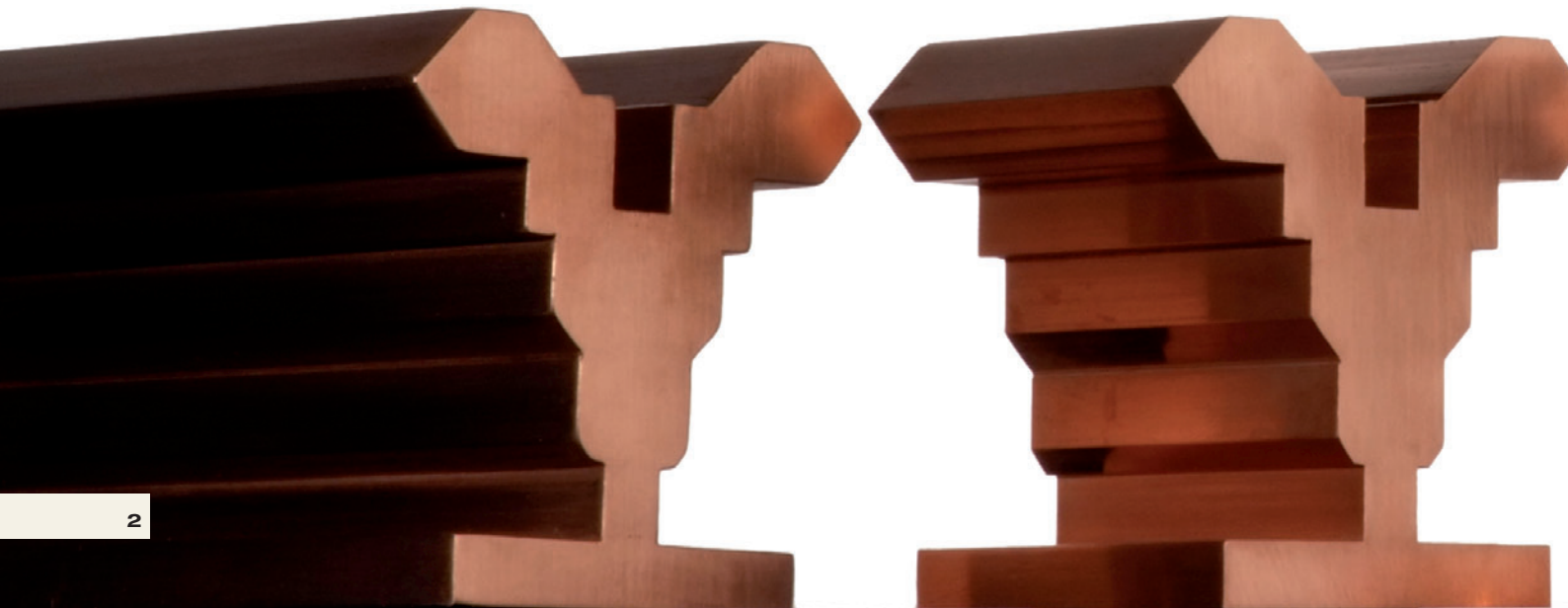
Wieland

Wieland Components[®]
THE COMPLETE SOLUTION



Wieland Components®

THE COMPLETE SOLUTION



Wieland

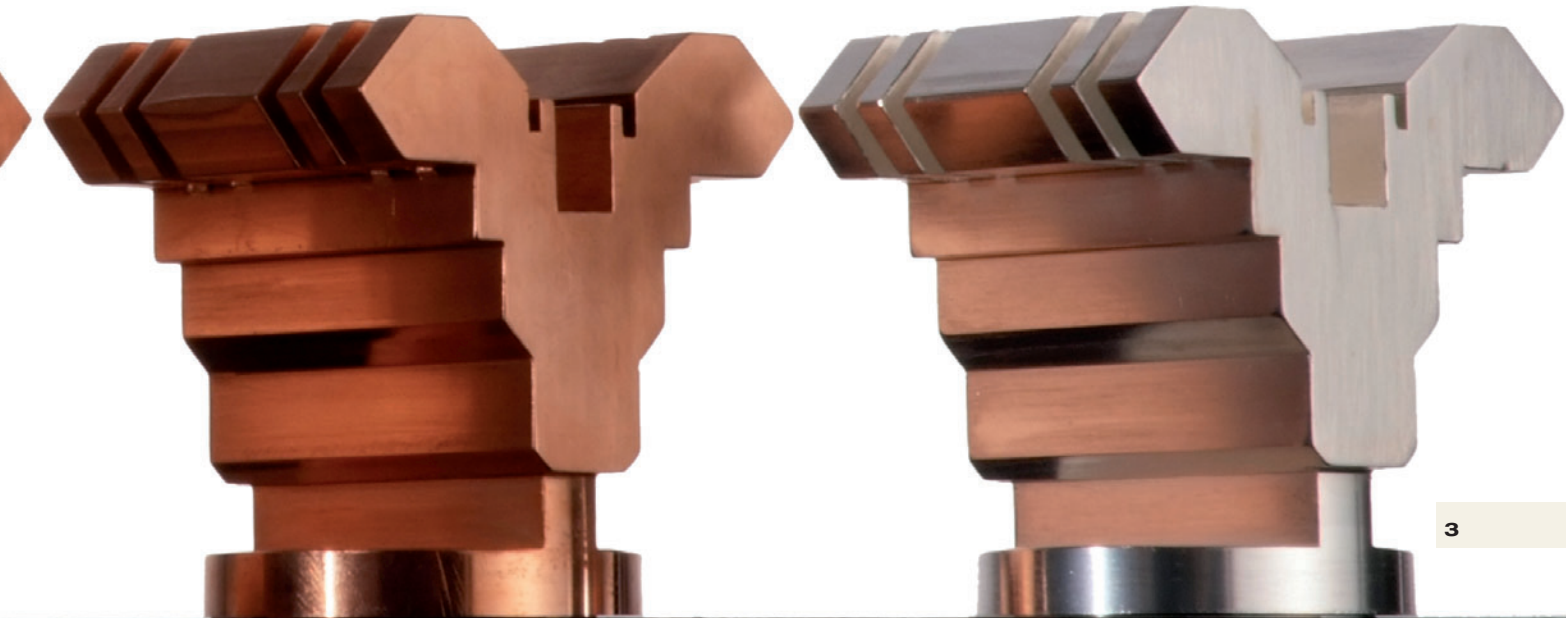
Wieland-Werke AG is an innovative manufacturer of pre-fabricated components:

Wieland Components – The Complete Solution.

Wieland is able to provide, on request, a complete service, from semi-finished products to ready-to-mount assemblies, thereby giving customers more choice and additional benefit.

Wieland takes charge of the whole process – from casting to finished components – and is therefore able to respond flexibly to customer requirements and market trends. Wieland's ready-to-mount copper components are available in small-, medium- and particularly in large-scale production lots.

Due to the extensive know-how in the manufacture of semi-finished products Wieland is able to provide the customer with tailor-made solutions to optimize the manufacturing process.



Wieland Components – The Complete Solution

Service portfolio

Wieland copper components are manufactured on highly automated, state-of-the-art machinery. Wieland continuously invests in new production lines to keep up with market growth and customer requirements.

We utilize our entire in-house expertise and know-how in the production of medium to large-scale series.



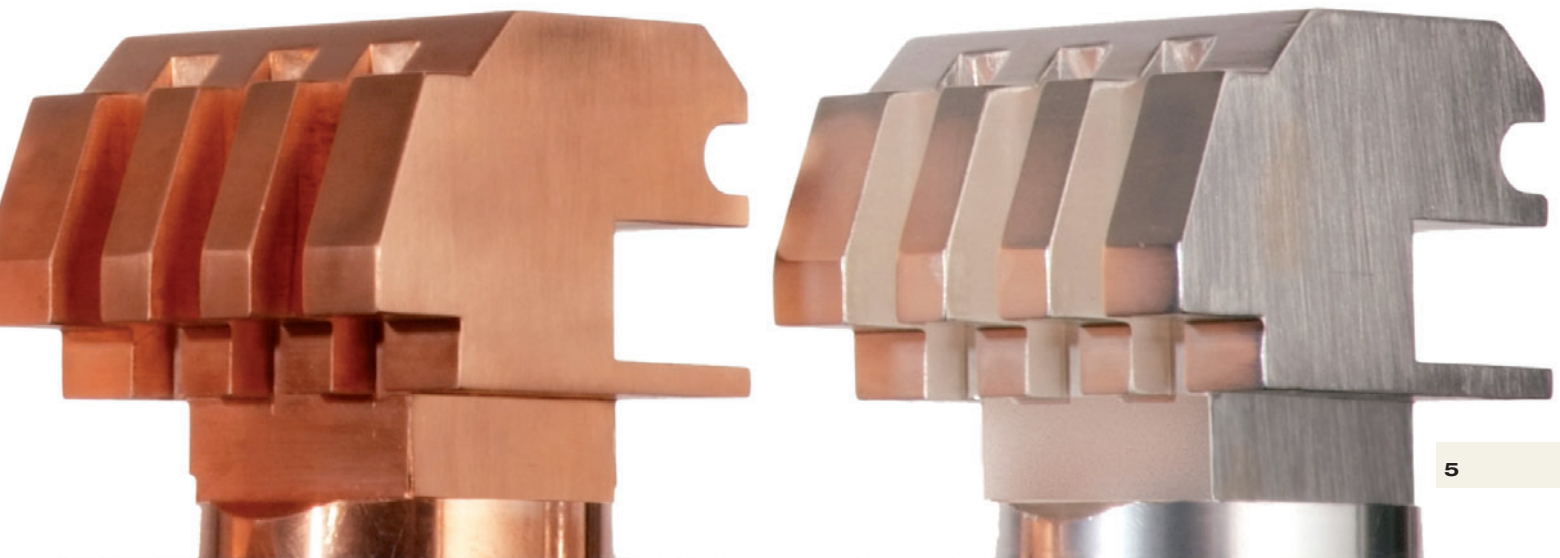
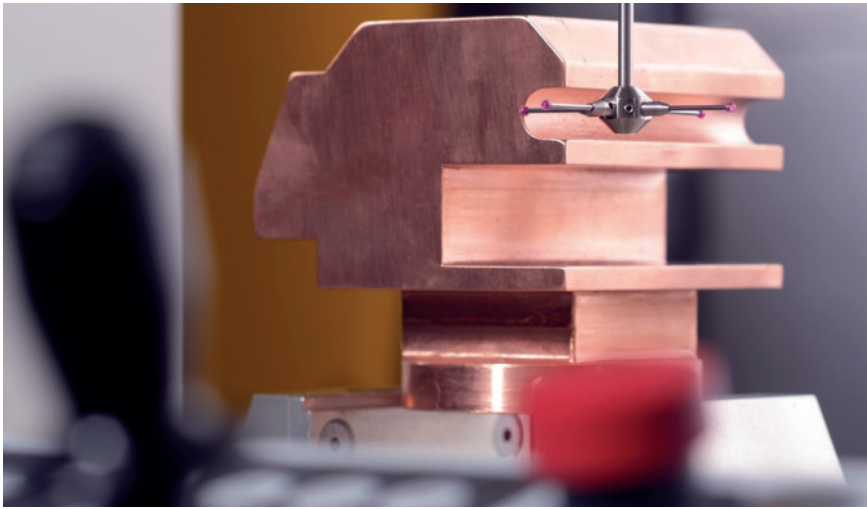
Wieland offers the following range of in-house production steps: Cutting, bending, stamping, machining (turning, milling, drilling, etc.), deburring, crimping, assembling, soldering, welding, electroplating or coating.



ponents

Customer benefits

- Complete one-stop solutions - from design to finished component
- Less coordination required during production
- Know-how of one of the world's leading producers of copper materials
- The entire process is monitored and can be traced back to the cast metal
- Use of state-of-the-art production equipment
- No need for own investment
- Reliable supply of metal
- In-house foundry for efficient scrap recycling



Our know-how – the key to your success

Our experts are ready to assist and advise you throughout the product development stages, including material selection, product design as well as manufacture of samples and prototypes. Subsequent series production and delivery are also part of our comprehensive service.

Fields of application

Wieland components have been successfully used in the electrical, electronic and automotive industries but are also suitable for any other branches of industry.

Material/product

Wieland selects from the entire range of semi-finished products and alloys to manufacture copper components and is able to work out a production concept particularly for the wide range of sections and tubes.

Quality assurance

Wieland uses state-of-the art measuring equipment to monitor processing reliability throughout the production. Wieland's quality system is certified to EN ISO 9001.



Wieland worldwide



Company profile

The Wieland Group with headquarters in Ulm, Germany, is one of the world's leading manufacturers of semi-finished and special products in copper and copper alloys, such as strip, sheet, tube, rod, wire and sections as well as slide bearings, finned tubes, heat exchangers and ready-to-mount components.

Wieland's history dates back to the early 19th century. The founder Philipp Jakob Wieland took over his uncle's art and bell foundry in Ulm in 1820 and produced all kinds of cast metal items.

The Wieland Group has today several manufacturing companies, slitting centres and trading subsidiaries in many European countries as well as in USA, South Africa, Singapore and China.

Wieland manufactures several hundred thousand tons of copper alloys every year. The starting point for the production is our plant in Vöhringen, Germany, Europe's largest foundry for copper alloys.

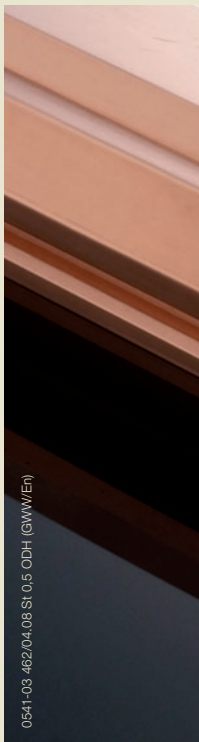
SOLUTION

WIELAND-WERKE AG www.wieland.com

Extruded and Drawn Products Division

Graf-Arco-Str. 36, 89079 Ulm, Germany, Phone +49 (0)731 944-0, Fax +49 (0)731 944-2272, info@wieland.de

This brochure is for your general information only and is not subject to revision. No claims can be derived from it unless there is evidence of intent or gross negligence. The data given are no warranty that the product is of a specified quality and they cannot replace expert advice or the customer's own tests.



0541-03 462/04-08 St 0.5 ODH (GW/EN)