

Technical Service and Spare Parts
for Hydrodynamic Roll Neck Bearings in Rolling
Mills for the Steel and Aluminium Industry



The Company



In order to remain competitive and successful in the future, particularly where maintenance is concerned, rolling mills have an extensive demand for qualified technical services combined with high-quality spare parts in order to reduce running costs.



Hot strip finishing mill



Tandem cold rolling mill

Our company, **OFB technical service GmbH**, is an alternative provider to the OEM manufacturers on the market for hydrodynamic roll neck bearings (oil film bearings) and is a reliable business partner for our customers, offering a complete service. Our expertise, gained in decades in this sector, forms the basis for a successful business relationship.

Technical Service and Training Courses

OFB technical service GmbH places particular emphasis on technical services and training courses as a useful addition to the supply of spare parts.

Our competent and interdisciplinary consulting service supports the smooth flow of operational processes and ensures that the mill end user is free to concentrate on his core competences.

Dedicated departments, such as roll shops attached to the rolling mills, often do not have the time resources to analyse complex overall systems themselves. This is where our technical service comes in with competent on-site support for questions, problems or in case of malfunctions.

Additionally, we offer theory-based courses and practical training on the subject of oil film bearings. These courses are tailor-made for the relevant target group and existing bearing design and offer practice-oriented content.

- Expert advice on oil film bearing
- Emergency support, e.g. in case of bearing damage
- Bearing inspections
- Problem and Damage Analysis
- Theoretical Courses



Mounting a bushing

This is what makes us different from our competitors – this is our scope of services:

- Practical Training
- Technical Advisory Service for the complete oil film bearing system (rolling mill mechanics, chocks, hydrodynamic lubrication system, hydrostatic lubrication system)

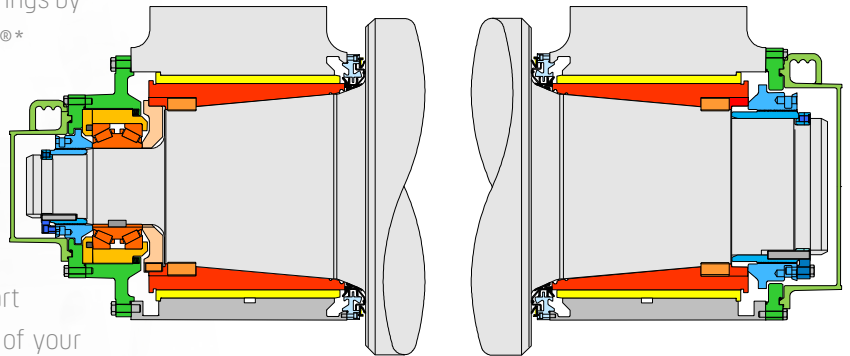


Bearing inspection and practical training

Spare Parts and Repairs

We supply high-quality spare parts for oil film bearings by well-known brands such as MORGOIL[®]*, MESTA[®]** and others.

High quality components are the basis for the reliable functioning of your bearings, despite difficult operating conditions in a tough rolling mill environment. Every single spare part is perfectly matched to the overall construction of your bearings and the adjoining components, such as roll and chock, respectively. The basis for the production of these spare parts are individual construction drawings, produced via Reverse – Engineering **. The necessary precise measuring is carried out by a specialised company.



Sectional view with main components

In close consultation with you and based on FFFIS (Form Fit Function Interface Specification), construction details can be amended and experiences gained from practical operations can be included in the reverse engineering in the form of constructive improvements.

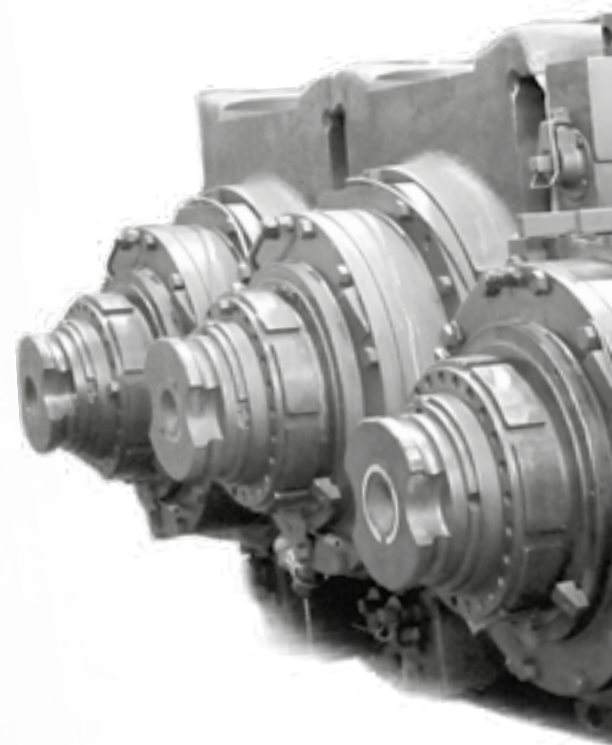
Our certified partners for the manufacture of the components have vast experience in the sector of production technology. This enables us to meet the highest quality standards for our overall product.



Measure a bushing



Hydrostatic and fastening components



* MORGOIL and MESTA are registered trademarks of Primetals Technologies USA LLC
** Existing patents are known (!)

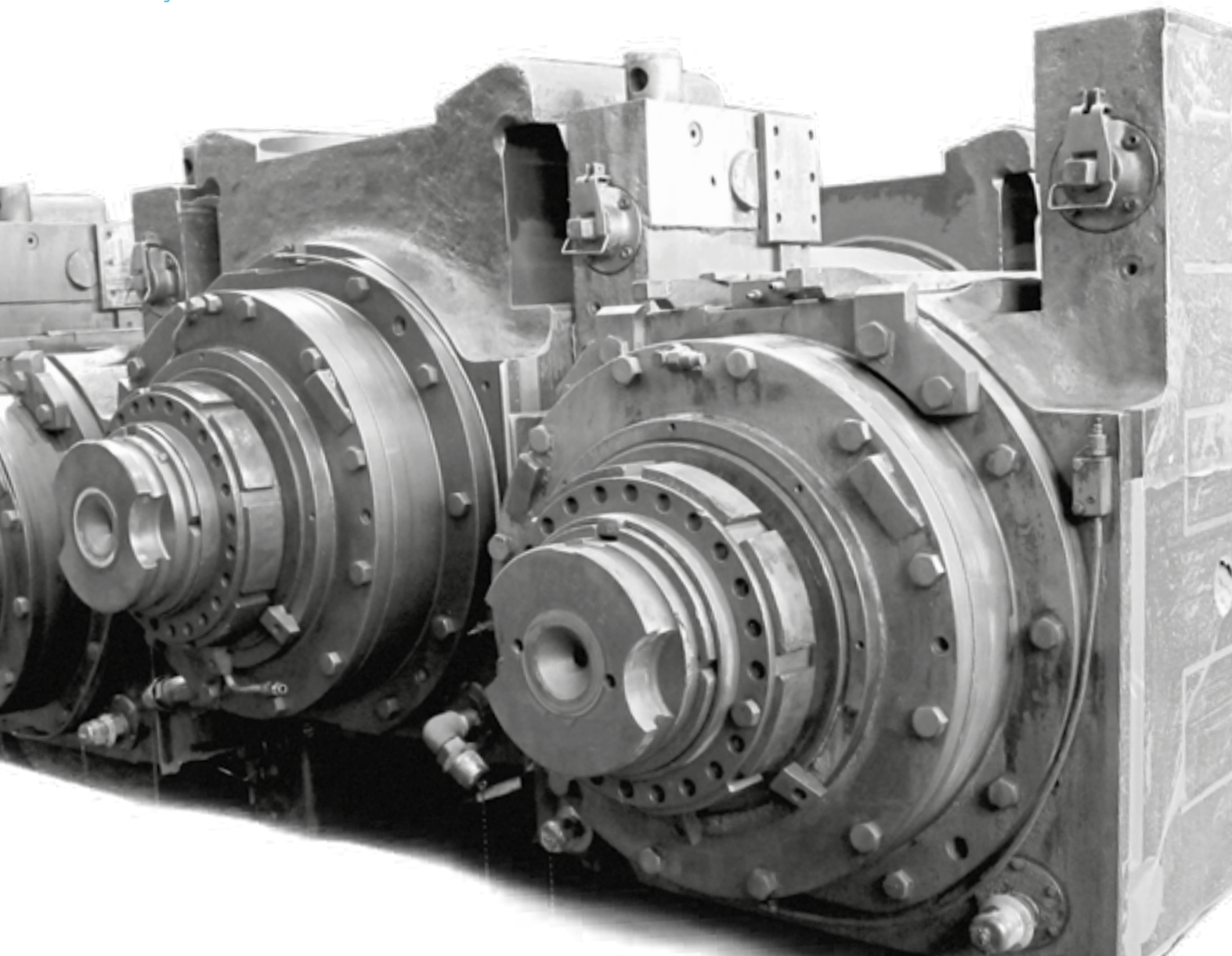


Bushing in the chock



Bushings before repair

In addition to supplying new parts, **OFB technical services GmbH** also offers expert and timely repairs of bushings. Profit from our expertise in this sector.



We are closely associated with the long tradition and the fascinating history of oil film bearings in rolling mills. Based on our long-standing professional experience and comprehensive product knowledge, we offer an integrated approach and always reflect our customers' specific situation.



Stefan Kröller *Managing Director*

More than 27 years of professional experience in the sector of oil film bearings

- *Service Manager*
- *System Expert for Service*
- *Head of Service*

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Michael Stauf *Managing Director*

More than 19 years of professional experience in the sector of oil film bearings

- *Technical & Commercial Project Manager*
- *Head of Sales and Order Handling*

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Located in Siegen, at the heart of a region with a long-standing tradition of rolling mill technology, we are in good company and are very well networked within the local industry.

OFB-SERVICE.COM