



# Gall & Seitz

## Systems GmbH



### Reconditioning of Turbocharger Shafts by

# Laser Cladding



Before Laser-Cladding



After Laser-Powder-Cladding



After Machining

Laser-powder-cladding is the optimal technology for reconditioning worn and damaged turbocharger shafts fast and cost-efficient. This laser technology applies for reconditioning and repairing of high-quality components for various industrial applications.

### Laser-reconditioned turbocharger shafts have

- Original size
- Improved resistance to erosion and corrosion
- Enhanced lifetime

### Common damages

- Erosion / seizing-marks on the bearing surface
- Worn out sealing ring grooves
- Damaged surfaces

### Advantages

- Reuse of worn parts
- Short down time
- GL-certified WF 1010309 HH

Regardless of material composition and component size, laser-powder-cladding is suitable for all makes of turbochargers.

**Our laser-cladding service is available, new components often not!**

GL-certified  
Repair Technology



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SHIP REPAIR

PIPE PRODUCTION

LASER CLADDING