

# Turbocharger bearings

The thick-walled radial plain bearings with particular bore profiles for very high circumferential speeds and thrust bearing rings with special profiling for extreme axial thrust – also as combined radial/thrust bearings.

The perfect intermetallic bond between the steel and bronze is guaranteed by an ultrasonic and penetrant test according ISO standard



- radial bearings for high circumferential speeds with 2-,3-,4- or 5 lobe profile
- thrust bearings with customized taper land profile for highest load
- also as combined radial/thrust bearings
- on request with additional sliding layer (Trimetal or multilayer - also polymeric coatings )

## ADVANTAGES:

- resistance to highest loads and stress
- excellent sliding properties at high speed, even by temporary lack of lubrication
- good ability to reduce vibrations and resonances
- permits a minimum of bearing clearance with highest precision
- resists to high temperature



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