

G-METAL™ for Demanding Industrial Environments

Steel and Iron Applications

- Converter sliding bearing
- Ladle hanger bearing
- Torpedo car tilting bearing
- Tap hole drill rollers and guide bearings
- Ladle turret swivel and thrust bearings
- Ladle tilting sliding bearings
- Tundish rollers and sliding plates
- Caster strand guide
- Dummy bar chain bearings
- Torch cutting guide bearings
- Reduction press guide ways
- Rolling stand slipper plates and guides
- Screw down guide bearings and elements
- Shears blade guide ways
- Coil handling guide ways
- Cooling bed rollers
- Coiler sliding and linkage system



Engineers at Glebus Alloys have developed G-METAL™, a material for use in demanding industrial environments. This technology greatly surpasses conventional products used in the steel and iron industry.

G-METAL™ material contains the maintenance free benefits of self lubricating sintered bronze/graphite. The concentrated micro dispersion of the graphite throughout the metallic matrix ensures consistent lubricating properties over the entire wear area of the part.

A variety of alloys can be formed with G-METAL™ material. Bronze, nickel, iron, iron/nickel and lead can be produced with the lubricants graphite or graphite and molybdenum.

The material can be formed into many shapes and sizes including wear plates, rolled bushings, cylindrical bearings, spherical bearings, split bearings, sleeves, liners, guides and other customizable shapes.

Contact your Glebus Alloys representative today. For product specifications and additional information, visit www.glebusalloys.com.