

G-METAL™ for Demanding Industrial Environments

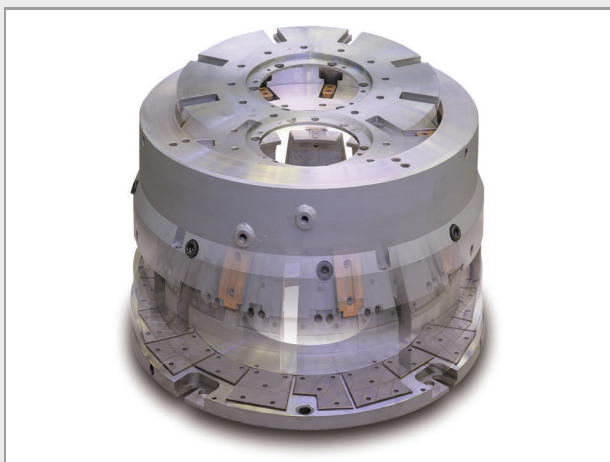
Tire Applications

Tire Molds - Segmented Containers

- Flat shaped for top and bottom container plates
- Conical plates for actuator rings
- Conical plates for slide block segments
- Strips for T-guides or dovetail guiding elements
- Strips for retainers and retraction tees
- Tread shoe slides and T-guides
- Bushings for clamping, actuating or tilting
- Axial guiding plates

Tire Manufacturing Machinery

- Tire curing presses
- Mill rolls
- Calendar machines
- Tire building machines
- Tire retreading machines



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 tire 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.