



PI 1798

For technical personnel only!

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PRODUCT INFORMATION

SPECIAL PRODUCTION WITH INDIVIDUAL DIAMETER THROUGH ROLLING OF PLAIN BEARING PLATES

THE IDEAL PLAIN BEARING FOR YOUR REQUIREMENTS

KS PERMAGLIDE® plain bearing bushes are available as a standard product with inside diameters of up to 100 mm or up to 300 mm depending on the material. Plain bearing bushes with a different or larger diameter are manufactured from rolled sheet metal as special production. The plain bearings are manufactured **in any intermediate sizes from 80 to 650 mm** depending on your requirements.

The KS PERMAGLIDE® bushes with special dimensions are used e.g. in industrial applications, agricultural machines, construction machines, wind turbine systems and hydraulic pumps.

ADVANTAGES AND SPECIAL FEATURES

- Small batch sizes from 1 piece
 - Custom diameter deviating from standard dimensions
 - Plain bearing bushes in large diameters
 - No tool costs
 - High degree of flexibility, e.g. products can be manufactured quickly
- ✓ Production in accordance with the highest quality standards with tolerances to meet DIN ISO 3547
 - ✓ Special productions are available in all KS PERMAGLIDE® standard materials (special materials on request)
 - ✓ Can be labelled on request with your drawing number, item no., etc.



Special production with custom diameter: Rolled plain bearings from the KS PERMAGLIDE® standard materials



PRODUCTION

Sheets made from KS PERMAGLIDE® materials are processed into bushes with a custom diameter or into thin-walled large bushes with low space requirements. The sheet sections are shaped into plain bearing bushes on roller bending machines. The nominal wall thickness of the KS PERMAGLIDE® sheets is usually 2.5 mm and can be between 1 and 3 mm depending on production-related aspects. The sheets are up to 236 mm wide. The sliding-surface coated sheet material is available as coilware. This means that the length of the sheets and the diameter of the bushes produced are variable. Due to the manufacturing process, rolled bushes have a joint.



Plain bearing production

OTHER KS PERMAGLIDE® SPECIAL PRODUCTIONS

www.permaglide.com/en/products/special-productions/

