



PRODUCT INFORMATION

SPECIAL PRODUCTIONS MADE FROM SLIDING STRIPS USING PRECISION CUTTING AND SHEET METAL WORKING

THE IDEAL PLAIN BEARING FOR YOUR REQUIREMENTS

Special productions made from KS PERMAGLIDE® strips are manufactured using precision cutting and sheet metal working. A wide range of different shapes and dimensions can be manufactured from KS PERMAGLIDE® materials, for example:

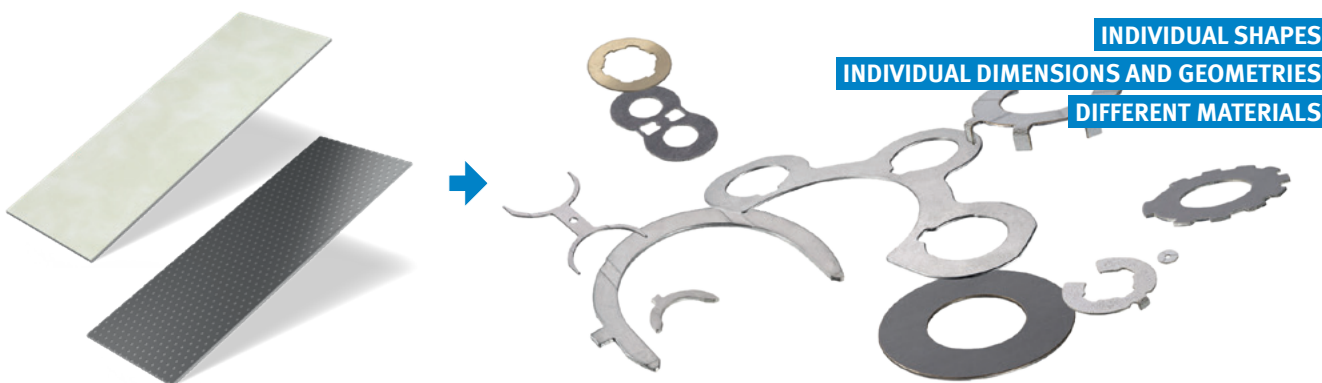
- thrust washers in special dimensions
- thrust washers with complex geometries
- thrust washers with any inside diameter and any outside diameter up to 230 mm

- thrust washers in other designs such as counterbores, notches or lugs
- half-washers and washer segments
- strip cuts
- other strip designs, e.g. with notches or grooves
- slide path coverings

Special productions made from KS PERMAGLIDE® strips are used in hydraulic applications and compressors, for example.

ADVANTAGES OF SPECIAL PRODUCTIONS MADE FROM KS PERMAGLIDE® SLIDING STRIPS

- small lot sizes can be manufactured
 - high material output
 - no tool costs
 - high degree of flexibility, e.g. products can be manufactured quickly
 - no elastic deformation
 - intricate contours can be created
 - neat cut edges which often do not need to be remachined
- ✓ 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.



Examples of individual thrust washers, half-washers and other designs made from KS PERMAGLIDE® strips



PRODUCTION

The products are produced by precision cutting the sliding strips to +/-0.02 mm and then deburring them. This manufacturing technique creates parts with intricate contours and neat cut edges which often do not need to be remachined. The material is also not subject to elastic deformation during production.

OTHER SPECIAL PARTS MADE FROM KS PERMAGLIDE® STRIPS

- bent parts, e.g. angles, half-shells, U-profiles, rails
- bearing shells
- spherical sliding elements
- half-shells with side elements
(welding ensures firm substance-to-substance bond)
- drawing parts, customer-specific components

OTHER KS PERMAGLIDE® SPECIAL PRODUCTIONS

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

