

Image may differ from product. See technical specification for details.

GS 81106

GS housing washer for cylindrical and needle roller thrust bearings

Housing washers for cylindrical and needle roller thrust bearings are supplied as separate components. They are made of hardened carbon chromium bearing steel and have a precision-ground raceway surface and a ground outside surface. The washers can be combined with roller and cage thrust assemblies and shaft washers to create complete bearings. SKF recommends using GS washers for high-speed applications where accurate centring of the washers is required.

- Enable full interchangeability of housing washers
- Suitable for high-speed applications
- Suitable where accurate centring of washers is required
- 811 series washers are available for needle roller thrust bearings

Overview

Dimensions

Bore diameter	32 mm
Shaft diameter	30 mm
Outside diameter	47 mm
Height	3 mm

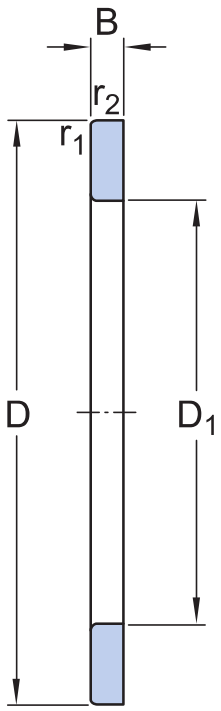
Properties

Bearing part	Housing washer
Material	Bearing steel
Coating	Without

Logistics

Product net weight	0.0206 kg
UNSPSC code	31171505

Technical specification



Dimensions

D	47 mm	Outside diameter / housing bore
B	3 mm	Thickness housing washer GS series
D_1	32 mm	Bore diameter housing washer
$r_{1,2}$	min. 0.6 mm	Chamfer dimension housing washer GS series

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table, table, values

DESIGN CONSIDERATIONS

- table

BEARING INTERFACES

- Seat tolerances for standard conditions

More Information

Product details

- Designs and variants
- General bearing specifications
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- SKF Product select
- Bearing Frequency Calculator
- LubeSelect for SKF greases
- Heater selection tool

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