

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

LS 5070

LS universal washer for cylindrical and needle roller thrust bearings

Universal washers for cylindrical and needle roller thrust bearings are supplied as separate components. They are made of hardened carbon chromium bearing steel and their raceway surface is ground, while all other surfaces are turned. The washers are suitable for applications where accurate centring of the washers is not necessary or where low speeds are involved. They can be used as shaft or housing washers for AXK series bearings, and as shaft washers for AXW series bearings.

- Enable full interchangeability of washers
- Suitable where accurate centring of washers is not necessary
- Suitable for low-speed applications
- Available for cylindrical roller thrust bearings in the K 811 series

Overview

Dimensions

Bore diameter	50 mm
Outside diameter	70 mm
Height	4 mm

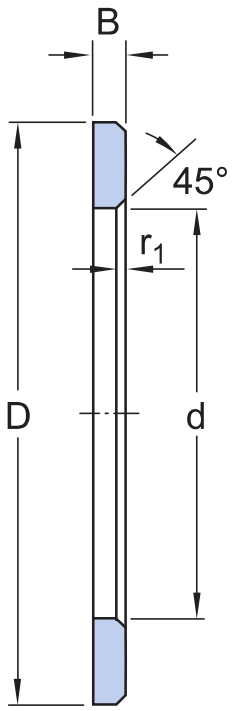
Properties

Bearing part	Universal washer
Material	Bearing steel
Coating	Without

Logistics

Product net weight	0.055 kg
eClass code	23-05-09-03
UNSPSC code	31171512

Technical specification



Dimensions

d	50 mm	Bore diameter universal washer LS series
D	70 mm	Outside diameter universal washer LS series
B	4 mm	Thickness universal washer LS series
r_1	min. 0.6 mm	Chamfer dimension universal washer LS series

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: 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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