
**Plain bearings — Ring type thrust
washers made from strip —
Dimensions and tolerances**

*Paliers lisses — Rondelles de butée faites à partir de matériaux en
bande — Dimensions et tolérances*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 123, *Plain bearings*, Subcommittee SC 3, *Dimensions, tolerances and construction details*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This second edition cancels and replaces the first edition (ISO 6525:1983), which has been technically revised. The main changes compared to the previous edition are as follows:

- Normative references have been updated.
- The illustration of the recess in Figure 1 has been improved.

Plain bearings — Ring type thrust washers made from strip — Dimensions and tolerances

1 Scope

This document specifies a range of ring type thrust washers for general purpose use with wrapped bushes as specified in ISO 3547 (all parts).

It applies to thrust washers having inside diameters from 6 to 80 mm.

NOTE It is not expected that all the sizes listed will be available from stock but the standardization of sizes is aimed at making economies in tooling costs.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

ring type thrust washer

unsplit ring, normally fitting into a recess in the end of a housing, which is intended to accept thrust and to provide axial location for a rotating shaft

Note 1 to entry: The standardized thrust washers are prevented from rotating by a dowel. Other means of location such as a lug or tab may be provided in place of a dowel.

Note 2 to entry: See [Figure 1](#).