
International Standard



6525

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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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Descriptors : bearings, plain bearings, washers (spacers), thrust washers, dimensions, dimensional tolerances.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6525 was developed by Technical Committee ISO/TC 123, *Plain bearings*, and was circulated to the member bodies in March 1982.

It has been approved by the member bodies of the following countries:

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|---------------------|----------------|----------------|
| Austria | India | Sweden |
| Brazil | Italy | United Kingdom |
| Czechoslovakia | Korea, Rep. of | USA |
| Egypt, Arab Rep. of | Netherlands | USSR |
| France | Poland | |
| Germany, F.R. | Romania | |

No member body expressed disapproval of the document.

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

1 Scope and field of application

This International Standard specifies a range of thrust washers for general purpose use with wrapped bushes as specified in ISO 3547.

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 adoption of standard sizes should lead to economies in tooling costs.

2 Reference

ISO 3547, *Plain bearings — Wrapped bushes — Dimensions, tolerances and methods of checking.*

3 Definition

ring type thrust washer : An 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 (see figure 1).

The standardized thrust washers are prevented from rotating by a dowel.

NOTE — Other means of location may be provided for special purpose.