

Spherical plain bearings —

Part 1: Radial spherical plain bearings

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National foreword

This British Standard reproduces verbatim ISO 12240-1:1998 and implements it as the UK national standard. It supersedes BS 5983-1:1989, BS 5983-2:1982, BS 5983-3:1982 and BS 5983-4:1982, which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/7, Rolling bearings, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 13 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 November 1998

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INTERNATIONAL STANDARD

ISO
12240-1

First edition
1998-08-15

Spherical plain bearings — **Part 1:** **Radial spherical plain bearings**

Rotules lisses —

Partie 1: Rotules lisses radiales



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standard 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 12240-1 was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 7, *Spherical plain bearings*.

This first edition cancels and replaces ISO 6124-1:1987, ISO 6124-2:1982, ISO 6124-3:1982 and ISO 6125:1982 of which it constitutes a technical revision.

ISO 12240 consists of the following parts, under the general title *Spherical plain bearings*:

- *Part 1: Radial spherical plain bearings;*
- *Part 2: Angular contact radial spherical plain bearings;*
- *Part 3: Thrust spherical plain bearings;*
- *Part 4: Spherical plain bearing rod ends.*

Descriptors: Bearings, plain bearings, spherical bearings, radial bearings, form specifications, dimensions, dimensional tolerances, clearances.