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Second edition
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Plain bearings — Tolerances —

Part 2:

Tolerances on form and position and surface roughness for shafts and thrust collars

Paliers lisses — Tolérances —

Partie 2: Tolérances de forme et de position et rugosité de surface des arbres et collets de butée



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General	1
5 Dimensions	1
6 Design	4
7 Testing	4
8 Designation	4
Bibliography	5

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

This second edition cancels and replaces the first edition (ISO 12129-2:1995), which has been technically revised. The main changes compared to the previous edition are as follows:

- the title has been improved;
- normative references have been updated;
- the limitation to thick-wall bearings has been removed;
- the limitation to ISO 7902 for calculation of minimum lubricant film thickness has been removed;
- the case of different accuracy grades of journal and thrust collar has been explicitly added.

A list of all parts in the ISO 12129 series can be found on the ISO website.

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.