

### International **Standard**

ISO 12129-1

Third edition

### Plain bearings — Tolerances —

Part 1: **Fits** 

Paliers lisses — Tolérances —

Partie 1: Ajustements

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#### ISO 12129-1:2024(en)

#### Foreword

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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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

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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 third edition cancels and replaces the second edition (ISO 12129-1:2019), which has been technically revised.

The main changes are as follows:

- ISO 12129-1:2024
- <u>Clause 4</u> "Symbols" has been added;
- <u>Table 1</u> and <u>Table 2</u> have been added, and the previous Table 1 and Table 2 have been renumbered <u>Table 3</u> and <u>Table 4</u>;
- Table 3 and Table 4 have been corrected.

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.

#### ISO 12129-1:2024(en)

### Introduction

This document has been established because it is not possible to use the ISO deviations given in ISO 286-1 and ISO 286-2 to develop clearance fits which correspond to the requirements of plain bearing engineering for approximately uniform mean relative bearing clearances for all nominal size ranges.

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