
**Plain bearings — Sintered bushes —
Dimensions and tolerances**

Paliers lisses — Coussinets frittés — Dimensions et tolérances



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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. www.iso.org/directives.

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 123, *Plain bearings*, Subcommittee SC 7, *Special types of plain bearings*.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: http://www.iso.org/iso/home/standards_development/resources-for-technical-work/foreword.htm

This fifth edition cancels and replaces the fourth edition (ISO 2795:1991), of which it constitutes a minor revision.

Introduction

The sizes given in this International Standard are based on a range of shaft diameters which are considered to correspond to the requirements of industry. For all except the smallest sizes, a thin-wall series is provided in addition to the normal series in order to introduce an element of choice and, more importantly, to provide for the possibility of the same sizes being adopted for plain bearings made from other materials.

It is envisaged that as far as possible, the same outside diameters will be recommended for all types of plain bearings.

Plain bearings — Sintered bushes — Dimensions and tolerances

1 Scope

This International Standard specifies the dimensions and tolerances applicable to sintered bearings for the following ranges of inside diameters:

- cylindrical bearings: 1 mm to 60 mm;
- flanged bearings: 1 mm to 60 mm;
- spherical bearings: 1 mm to 20 mm.

2 Normative reference

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5755, *Sintered metal materials — Specifications*

3 Material

The following materials used for manufacturing sintered bearings shall conform to ISO 5755.

4 Cylindrical bearings

4.1 Dimensions

See [Figure 1](#) and [Tables 1](#) and [2](#).

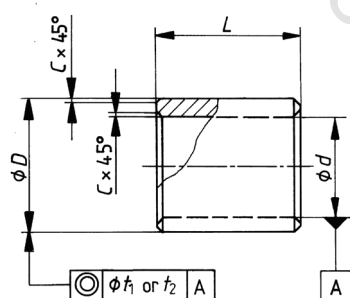


Figure 1