

Plain bearings — Wrapped bushes —

Part 2: Test data for outside and inside diameter

ICS 21.100.10

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee MCE/12, Plain bearings, which has the responsibility to:

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- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii and iii, pages 1 to 10, an inside back cover and a back cover.

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Plain bearings — Wrapped bushes —

Part 2:

Test data for outside and inside diameter

Paliers lisses — Bagues roulées —

Partie 2: Données d'essai pour le diamètre extérieur et le diamètre intérieur



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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 3547-2 was prepared by Technical Committee ISO/TC 123, *Plain bearings*, Subcommittee SC 3, *Dimensions, tolerances and construction details*.

This first edition of ISO 3547-2, together with ISO 3547-1, ISO 3547-3 and ISO 3547-4, cancels and replaces ISO 3547:1976 the technical content of which has been revised and augmented.

ISO 3547 consists of the following parts, under the general title *Plain bearings — Wrapped bushes*:

$\frac{3}{4}$ *Part 1: Dimensions*

$\frac{3}{4}$ *Part 2: Test data for outside and inside diameter*

$\frac{3}{4}$ *Part 3: Lubrication holes, lubrication grooves and lubrication indentations*

$\frac{3}{4}$ *Part 4: Materials*

Introduction

Wrapped bushes are not inherently stable when they are in their free condition. After they have been pressed into the bore of the housing, they tend to take up the shape of this bore due to the interference between the outside diameter of the bush and the bore of the housing. For this reason the outside diameter and the inside diameter of wrapped bushes can only be checked with special gauges and test equipment. Thus special test data are required on the drawing to enable this checking to be done.

