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Rolling bearings — Cylindrical rollers —

Part 2: Boundary dimensions, geometrical product specifications (GPS) and tolerance values for ceramic rollers

Roulements — Rouleaux cylindriques —

Partie 2: Dimensions d'encombrement, spécification géométrique des produits (GPS) et valeurs de tolérance pour rouleaux en céramique



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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.

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This document was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 5, *Needle, cylindrical and spherical roller bearings*.

A list of all parts in the ISO 12297 series can be found on the ISO website.

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Introduction

This document is a machine element geometry standard as defined in the geometrical product specification system (GPS system) described in the framework document ISO 14638.

The fundamental rules of ISO GPS given in ISO 8015 apply to this document and the default decision rules given in ISO 14253-1 apply to specifications made in accordance with this document, unless otherwise indicated.

The connections between functional requirements, measuring technique and measuring uncertainty are considered. For measurement uncertainty, ISO 14253-2 is considered.