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**Rolling bearings — Radial bearings,  
retaining slots — Dimensions,  
geometrical product specifications  
(GPS) and tolerance values**

*Roulements — Roulements radiaux, encoches de retenue —  
Dimensions, spécification géométrique des produits (GPS) et valeurs  
de tolérance*  
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## Contents

|  | Page      |
|--|-----------|
| <b>Foreword</b>  | <b>iv</b> |
| <b>Introduction</b>  | <b>v</b>  |
| <b>1 Scope</b>   | <b>1</b>  |
| <b>2 Normative references</b>  | <b>1</b>  |
| <b>3 Terms and definitions</b>   | <b>1</b>  |
| <b>4 Graphical description</b>   | <b>2</b>  |
| <b>5 Dimensions</b>  | <b>4</b>  |
| 5.1 General  | 4         |
| 5.2 Dimensions for single-row angular contact ball bearings and four-point-contact ball bearings                     | 4         |
| 5.3 Dimensions for radial cylindrical roller bearings  | 6         |
| <b>6 Tolerance values</b>  | <b>7</b>  |
| 6.1 General  | 7         |
| 6.2 Tolerance values for retaining slots   | 7         |
| <b>Annex A (informative) Example of drawing indications of characteristics with specification for retaining slot</b> | <b>10</b> |
| <b>Annex B (informative) Application example for a retaining slot</b>  | <b>11</b> |
| <b>Bibliography</b>  | <b>12</b> |

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## 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 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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 12, *Ball bearings*.

This third edition cancels and replaces the second edition (ISO 20515:2012), which has been technically revised.

[ISO 20515:2021](http://www.iso.org/iso/foreword.html)

The main changes compared to the previous edition are as follows:

- the title has been updated;
- the geometrical product specification (GPS) has been modified;
- the specification for the location of the retaining slot's bottom surface has been changed from a distance to a position specification, whereas the tolerance values have to be recalculated and rounded;
- the structure of the tables has been revised.

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](http://www.iso.org/members.html).