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**Rolling bearings — Cylindrical  
rollers —**

**Part 1:  
Boundary dimensions, geometrical  
product specifications (GPS) and  
tolerance values for steel rollers**

*Roulements — Rouleaux cylindriques —*

*Partie 1: Dimensions d'encombrement, spécification géométrique des  
produits (GPS) et valeurs de tolérance pour rouleaux en acier*

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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)).

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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*.

This first edition of ISO 12297-1 cancels and replaces ISO 12297:2012, which has been technically revised.

The main changes are as follows:

- the geometrical product specification (GPS) system has been introduced into the document;
- the document was revised editorially.

A list of all parts in the ISO 12297 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 [www.iso.org/members.html](http://www.iso.org/members.html).