INTERNATIONAL STANDARD

Third edition 2000-08-01

Rolling bearings — Thrust needle roller and cage assemblies, thrust washers — Boundary dimensions and tolerances

Roulements — Cages à aiguilles axiales et rondelles de butée — Dimensions d'encombrement et tolérances



Reference number ISO 3031:2000(E)

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Foreword

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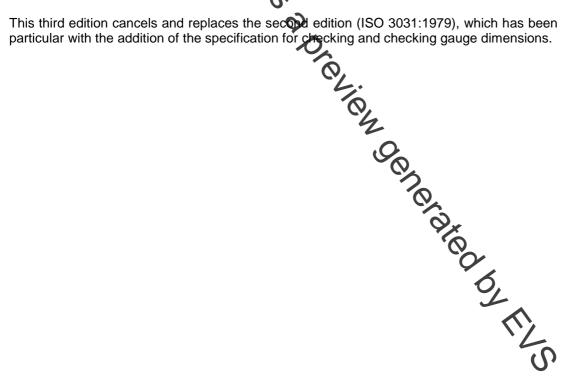
International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held requires for identifying any or all such patent rights.

International Standard ISO 3031 was prepared by Technical Committee ISO/TC 4, Rolling bearings, Subcommittee SC 5, Needle roller bearings. C

This third edition cancels and replaces the second edition (ISO 3031:1979), which has been technically revised, in



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Rolling bearings — Thrust needle roller and cage assemblies, thrust washers — Boundary dimensions and tolerances

1 Scope

This International Standard specifies the boundary dimensions and tolerances for thrust needle roller and cage assemblies. Furthermore, it is commends dimensions and tolerances for thrust washers, i.e. raceway members, which can be used either as shart or housing washers.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 286-2:1988, ISO system of limits and fits — Part Tables of standard tolerance grades and limit deviations for holes and shafts.

ISO 1132-1:2000, Rolling bearings — Tolerances — Part 1 perms and definitions.

ISO 3096:1996, Rolling bearings — Needle rollers — Dimensions and tolerances.

ISO 5593:1997, Rolling bearings - Vocabulary.

ISO 15241—¹), Rolling bearings — Symbols for quantities.

3 Terms and definitions

For the purposes of this International Standard, the terms and definitions given in 132-1 and ISO 5593 apply.

¹⁾ To be published.