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Fourth edition
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ISO general purpose metric screw threads — Tolerances —

Part 3: Limit deviations for screw threads

*Filetages métriques ISO pour usages généraux — Tolérances —
Partie 3: Écartes limites pour filetages*



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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.

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).

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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.

This document was prepared by Technical Committee ISO/TC 1, *Screw threads*.

This fourth edition cancels and replaces the third edition (ISO 965-3:1998), which has been technically revised.

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

- in the document title, “constructional” has been deleted;
- in [Clause 1](#), the third paragraph has been added;
- in [Clause 4](#), the phrase “basic profiles” has been replaced by “basic profile and fundamental deviation” (first paragraph of ISO 965-3:1998; second paragraph of ISO 965-3:2020);
- in [Clause 4](#) and [Table 1](#), the deviation formula and values for the minor diameter of external threads have been deleted;
- in [Table 1](#) four tolerance classes (4g, 5g4g, 8e and 9e8e) have been added.

A list of all parts in the ISO 965 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.