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Third edition
2019-11

Optics and photonics — Preparation of drawings for optical elements and systems —

Part 12: Aspheric surfaces

*Optique et photonique — Préparation des dessins pour éléments et
systèmes optiques —*

Partie 12: Surfaces asphériques



Reference number
ISO 10110-12:2019(E)

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Published in Switzerland

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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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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 1, *Fundamental standards*.

This third edition cancels and replaces the second edition (ISO 10110-12:2007), which has been technically revised. It also incorporates the Amendment ISO 10110-12:2007/Amd.1:2013.

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

- a) The document has been updated with respect to surface form tolerances as described in ISO 10110-5.
- b) The reference to the new part ISO 10110-19 has been added.
- c) The document has been restructured.
- d) A few surface descriptions have been added.

A list of all the parts in the ISO 10110 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.