

INTERNATIONAL STANDARD

ISO 9222-1

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Technical drawings — Seals for dynamic application —

Part 1 : General simplified representation

Dessins techniques — Joints d'étanchéité pour application dynamique —

Partie 1 : Représentation simplifiée générale

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 9222-1 was prepared by Technical Committee ISO/TC 10, *Technical drawings*.

ISO 9222 consists of the following parts, under the general title *Technical drawings — Seals for dynamic application*:

- *Part 1: General simplified representation*
- *Part 2: Detailed simplified representation*

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Introduction

ISO 9222 provides rules for the simplified representation of seals.

The principle of drawing practice is to depict the object to scale using lines. In simplified representations, only essential features are shown, preferably in outline (in order to save time and effort).

The degree of simplification depends on the kind of object represented, the scale of the drawing and the purpose of the documentation. This means that either a general simplified representation or a detailed one may be used. A detailed representation shows more details of a seal, for example the configuration of lips (see ISO 9222-2).

In order to avoid misunderstandings, only one kind of simplification, either the general or the detailed simplified representation, should be used on a drawing.

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