

INTERNATIONAL ISO
STANDARDS

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Second edition
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International gear notation — Symbols for geometrical data

Notation internationale des engrenages — Symboles géométriques



Reference number
ISO 701:1998(E)

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 voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 701 was prepared by Technical Committee ISO/TC 60, *Gears*, Subcommittee SC 1, *Nomenclature and worm gears*.

This second edition of ISO 701 cancels and replaces the first edition (ISO 701:1976), which has been technically revised.

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Introduction

The symbols in this International Standard are defined for use in relation to the principal geometrical terms defined in ISO 1122-1:1998, *Vocabulary of gear terms — Part 1: Definitions related to geometry*.

Consequently, it is important:

- that these symbols be used in national standards and, where appropriate, in other national documents in order to facilitate the understanding of documents which are exchanged between countries;
- to use for geometrical data only those combinations of letters which are given in the tables of this International Standard, in order to avoid any risk of confusion with symbols relating to other gear data, which may be determined later.