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Technical product documentation — Parts lists

Documentation technique de produits — Nomenclatures de composants



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7573 was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 1, *Basic conventions*.

This second edition cancels and replaces the first edition (ISO 7573:1983), which has been technically revised.

Technical product documentation — Parts lists

1 Scope

This International Standard provides minimum requirements for parts lists to provide necessary information, e.g. for the production, procurement or maintenance of the parts. This International Standard covers manual as well as computer-generated parts lists.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 128-20, *Technical drawings — General principles of presentation — Part 20: Basic conventions for lines*

ISO 5457, *Technical product documentation — Sizes and layout of drawing sheets*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

assembly

number of component parts fitted together to perform a specific function

3.2

part reference

identification of component parts of assemblies and/or the identification of individual parts on the same drawing

NOTE 1 Adapted from ISO 6433:1981.

NOTE 2 Part references are document-based, as opposed to reference designations, which are structure-based. Identical parts on a drawing are required to have the same part reference, preferably a number (according to ISO 6433), while each occurrence of an object in a structure is required to have a unique reference designation (according to IEC 61346-1).

3.3

quantity

total number of the particular part(s) necessary for one specific assembly

NOTE Quantity can express the number of parts or the amount of material.

3.4

unit

entity adopted as the basis or standard of measurement

NOTE The SI units, including their multiple prefixes, should be used.