



# SLOVENSKI STANDARD SIST ISO 7573:2010

01-marec-2010

Nadomešča:  
SIST ISO 7573:1995

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**Tehnične risbe - Kosovnice**

Technical product documentation - Parts lists

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Documentation technique de produits - Nomenclatures de composants  
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**Ta slovenski standard je istoveten z: ~~SIST ISO 7573:2008~~ ISO 7573:2008**

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**ICS:**

01.110	Tehnična dokumentacija za izdelke	Technical product documentation
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**SIST ISO 7573:2010**

**en**

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INTERNATIONAL  
STANDARD

**ISO**  
**7573**

Second edition  
2008-11-01

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**Technical product documentation —  
Parts lists**

*Documentation technique de produits — Nomenclatures de composants*

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Reference number  
ISO 7573:2008(E)

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Published in Switzerland

**Contents**

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 General</b> .....	<b>2</b>
<b>5 Parts lists arrangement</b> .....	<b>2</b>
<b>5.1 Position</b> .....	<b>2</b>
<b>5.2 Data fields for parts lists</b> .....	<b>3</b>
<b>Annex A (informative) Examples of layout arrangements for parts lists</b> .....	<b>5</b>
<b>Bibliography</b> .....	<b>8</b>

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**ISO 7573:2008(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.

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.

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# 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.

**ISO 7573:2008(E)**

**3.5 reference designation**  
 identifier of a specific object with respect to the system of which the object is a constituent, based on one or more aspects of that system

[IEC 61346-1]

**3.6 part number**  
 unique identification of a part for a particular organization

**3.7 part name**  
 text designation of a part

**3.8 technical data designation**  
 indication by words or signs

**3.9 remarks**  
 additional comments regarding the part

**4 General**

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Parts lists specify all constituents of an assembled part by part reference number, quantity, part number, technical data, etc. The association between the part on a parts list and its graphical representation on the drawing is given by an identification reference. This reference can be given by a part reference or the constituent part number. <https://standards.iteh.ai/catalog/standards/sist/bbd903b9-abf9-44d0-a828-9dd6e0d56f56/sist-iso-7573-2010>

**5 Parts lists arrangement****5.1 Position**

The parts list may be included on the drawing itself or be a separate document (see Annex A). When issuing the parts list as a separate document, the title block may be located in the lower or the upper margin of the document. If the parts list is a separate document, the sheet sizes shall be chosen in accordance with ISO 5457.

The reading direction of the parts list shall correspond to that of the title block. The list may be in conjunction with the title block (see ISO 7200) or be placed elsewhere. Its outlines shall be drawn with continuous lines (see ISO 128-20).

When the parts list is located in conjunction with the title block, the parts list table header shall be in direct connection with the title block (see Figure A.1). When the parts list table is located elsewhere on the document, the table header may be placed in the top or in the bottom of the table.



## 5.2 Data fields for parts lists

### 5.2.1 General

The parts list data fields specified below are intended to cover the general use of parts lists.

The parts list shall be arranged in columns by means of continuous lines to allow information to be entered under the following headings:

- part reference;
- quantity<sup>1)</sup>;
- unit<sup>1)</sup>;
- reference designation;
- part number;
- part name;
- technical data, designation;
- remarks.

The sequence of the columns is optional.

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Part ref.	Qty	Unit	Reference designation	Part number	Part name	Technical data, designation	Remarks
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx

**Figure 1 — Example of arrangement of columns in the parts list**

The data fields are optional, but at least one identifying element is needed.

NOTE When additional data fields are required for special needs within a company, it is possible to add or replace columns.

### 5.2.2 Part reference

Part references are assigned to component parts or material of assemblies. The purpose of the part references is to link the parts on the drawing to the parts in the parts list. Identical parts on a drawing are required to have the same part reference. If no part references are used on the drawing, this field can be left blank or the column can be omitted.

### 5.2.3 Quantity

The quantity expresses the number of parts or the amount of material necessary for one specific assembly.

The number entered in this column shall denote pieces, volume, length, or other quantities required. When this number applies to quantities other than pieces, enter the unit of measure in the unit column or in the combined column for quantity and unit.

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1) The columns for quantity and unit may be combined in one column.