International Standard

ISO 7573

Technical drawings — Item lists

Dessins techniques — Nomenclatures de définition

First edition — 1983-10-01

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

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.

International Standard ISO 7573 was developed by Technical Committee ISO/TC 10, *Technical drawings*, and was circulated to the member bodies in March 1982.

It has been approved by the member bodies of the following countries :

Australia	France	Poland
Austria	India	Romania
Belgium	Italy	South Africa, Rep. of
Canada	Japan	Spain
China	Korea, Rep. of	Switzerland
Czechoslovakia	Mexico	USSR
Denmark	Netherlands	USA
Egypt, Arab Rep. of	New Zealand	
Finland	Norway	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Germany, F.R.
Sweden
United Kingdom

Technical drawings — Item lists

0 Introduction

Item lists are complete lists of the items constituting an assembly (or a sub-assembly), or of detailed parts, presented on a technical drawing. It is not necessary for all these items to be detailed on an end-product drawing. The association between the items on an item list and their representation on the relevant drawing (or on other drawings) is given by the item references.

On the basis of the item list, other lists may be established which are required for different purposes, as for example, time-keeping, stock-taking, etc. Such additional lists should not be included on, nor form part of, end-product drawings.

1 Scope and field of application

This International Standard gives guidance and recommendations on the establishment of item lists for use with technical drawings.

It is restricted to item lists as a means for cross-referencing item references (see ISO 6433). Such item lists provide necessary information for the production or procurement of the items.

2 References

ISO 128, *Technical drawings — General principles of presentation.*

ISO 3098/1, *Technical drawings — Lettering — Part 1 : Currently used characters.*

ISO 5457, *Technical drawings — Sizes and layout of drawing sheets.*

ISO 6428, *Technical drawings — Requirements for microcopying.*

ISO 6433, *Technical drawings — Item references.*

ISO 7200, *Technical drawings — Title block.*[1]

3 General requirements

3.1 Position

3.1.1 The item list may be included on the drawing itself or be a separate document.

3.1.2 When included on the drawing, the position of the item list should be such as to be read in the viewing direction of the drawing. The list may be in conjunction with the title block (see ISO 7200). Its outlines may be drawn with continuous thick lines (type A of ISO 128).

3.1.3 Where the item list is shown on a separate document, this shall be identified by the same number as that of the parent drawing.

However, to distinguish this identification from that of the parent drawing, it is recommended that the item list number be preceded by the prefix "Item list" (or a similar term in the language used on the documents).

The sheet sizes for separate item lists shall be chosen in accordance with ISO 5457.

3.2 Layout

3.2.1 It is recommended that the item list be arranged in columns by means of continuous thick or thin lines (type A or B of ISO 128) to allow information to be entered under the following headings (the sequence of these is optional) :

— item;

— description;

— quantity;

— reference;

— material.

NOTE — If necessary, more columns can be added to cover specific requirements (see 3.2.7).

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1) At present at the stage of draft.

3.2.2 The "item" column shows the relevant item reference number as shown on the relevant drawing (see ISO 6433).

3.2.3 The "description" column shows the designation of the item. Abbrevations may be used if they do not impair clarity. If the item concerns a standard part (for example, bolt, nut, stud, etc.), its standard designation shall be used, in accordance with the relevant standard.

3.2.4 The "quantity" column shows the total number of that particular item necessary for one complete assembly.

3.2.5 The "reference" column is used to identify items which are not completely represented on the parent drawing, such as parts represented on other drawings, standard parts or other ready-made parts. According to the case, the number of the other drawing, the relevant standard, the code or any similar information may be entered here.

3.2.6 The "material" column shows the type and quality of the material to be used. If this is a standard material, its standard designation shall be given.

3.2.7 The item list can additionally include other information necessary for the finished product, for example :

— stock number;

— unit mass;

— state of delivery;

— remark.

3.3 Entries

3.3.1 Entries should be made in the relevant columns in horizontal rows. For clarity, it is recommended that each item entry be separated by means of continuous thick or thin lines (type A or B of ISO 128).

3.3.2 The sequence of the entries shall follow that of the item references. When the item list is included on the drawing, the sequence shall be from bottom to top, with headings of the columns immediately underneath. With separate item lists, the sequence shall be from top to bottom, with headings at the top.

3.3.3 The entries may be executed by means of free-hand lettering, stencilling, or any other appropriate means, preferably using capital letters as specified in ISO 3098/1. For all lettering, including that made mechanically, see the relevant specifications in ISO 6428.