

Technical product documentation - Part references (ISO 6433:2012)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 6433:2012 sisaldab Euroopa standardi EN ISO 6433:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 6433:2012 consists of the English text of the European standard EN ISO 6433:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 15.05.2012.	Date of Availability of the European standard is 15.05.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

Technical product documentation - Part references (ISO
6433:2012)

Documentation technique de produits - Références de
pièce (ISO 6433:2012)

Technische Zeichnungen - Positionsnummern (ISO
6433:2012)

This European Standard was approved by CEN on 10 May 2012.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 6433:2012) has been prepared by Technical Committee ISO/TC 10 "Technical product documentation" in collaboration with CCMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 6433:1994.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 6433:2012 has been approved by CEN as a EN ISO 6433:2012 without any modification.

Technical product documentation — Part references

1 Scope

This International Standard gives rules for the presentation of part references in assembly representations, e.g. on assembly drawings, in order to identify the constituent parts in a related parts list.

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 128-22:1999, *Technical drawings — General principles of presentation — Part 22: Basic conventions and applications for leader lines and reference lines*

ISO 128-23:1999, *Technical drawings — General principles of presentation — Part 23: Lines on construction drawings*

ISO 128-24:1999, *Technical drawings — General principles of presentation — Part 24: Lines on mechanical engineering drawings*

ISO 128-25:1999, *Technical drawings — General principles of presentation — Part 25: Lines on shipbuilding drawings*

ISO 129-1:2004, *Technical drawings — Indication of dimensions and tolerances — Part 1: General principles*

ISO 3098-0:1997, *Technical product documentation — Lettering — Part 0: General requirements*

ISO 7573:2008, *Technical product documentation — Parts lists*

3 General requirements

It is recommended that part references be assigned in sequential order (see 4.7).

Identical parts shown in an assembly shall have the same part reference.

Each complete sub-assembly incorporated in the superior assembly is identified by a single part reference.

All part references shall be shown in a parts list (see ISO 7573) giving the appropriate information on the parts concerned.

4 Presentation

4.1 Identifiers

Preferably part references should consist of numerals only. If necessary, they may be augmented by the use of capital letters. The design, dimensions and spacing of the characters shall comply with ISO 3098-0.

It is recommended that the part reference number contain a maximum of three characters.