![SIST logo]

SLOVENSKI STANDARD
kSIST FprEN ISO 3098-1:2014

01-november-2014

Tehnična dokumentacija izdelkov - Pisava - 1. del: Splošne zahteve (ISO/FDIS 3098 -1:2014)

Technical product documentation - Lettering - Part 1: General requirements (ISO/FDIS 3098-1:2014)

Technische Produktdokumentation - Schriften - Teil 1: Grundregeln (ISO/FDIS 3098-1:2014)

Documentation technique de produits - Écriture - Partie 1: Prescriptions générales (ISO/FDIS 3098-1:2014)

Ta slovenski standard je istoveten z: **FprEN ISO 3098-1 rev**

<u>**ICS:**</u>

01.110	Tehnična dokumentacija za izdelke	Technical product documentation
01.140.10	Pisanje in prečrkovanje	Writing and transliteration

kSIST FprEN ISO 3098-1:2014 **en,de**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

FINAL
DRAFT

INTERNATIONAL STANDARD

ISO/FDIS 3098-1

ISO/TC **10**/SC **1**

Secretariat: **ANSI**

Voting begins on:
2014-09-11

Voting terminates on:
2014-11-11

Technical product documentation — Lettering —

Part 1:
General requirements

Documentation technique de produits — Écriture —

Partie 1: Prescriptions générales

Please see the administrative notes on page iii

Reference number
ISO/FDIS 3098-1:2014(E)

© ISO 2014

ISO/FDIS 3098-1:2014(E)

iTeh STANDARD PREVIEW

(standards.iteh.ai)

ISO/CEN PARALLEL PROCESSING

This final draft has been developed within the International Organization for Standardization (ISO), and pro-cessed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement. The final draft was established on the basis of comments received during a parallel enquiry on the draft.

This final draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel two-month approval vote in ISO and formal vote in CEN.

Positive votes shall not be accompanied by comments.

Negative votes shall be accompanied by the relevant technical reasons.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 3098-1:2015
https://standards.iteh.ai/catalog/standards/sist/7f2b6cbe-74c0-4a6f-baa8-ffb42419820d/sist-
en-iso-3098-1-2015

ISO/FDIS 3098-1:2014(E)

Contents

iTeh STANDARD PREVIEW
(standards.iteh.ai)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 10, *Technical product documentation*, Subcommittee SC 1, *Basic conventions*. This second edition of ISO 3098-1 cancels and replaces the first edition of ISO 3098-0:1997, of which it constitutes a minor revision.

ISO 3098 consists of the following parts, under the general title *Technical product documentation — Lettering*:

— *Part 1: General requirements*

— *Part 2: Latin alphabet, numerals and marks*

— *Part 3: Greek alphabet*

— *Part 4: Diacritical and particular marks for the Latin alphabet*

— *Part 5: CAD lettering of the Latin alphabet, numerals and marks*

— *Part 6: Cyrillic alphabet*

ISO/FDIS 3098-1:2014(E)

iTeh STANDARD PREVIEW

(standards.iteh.ai)

FINAL DRAFT INTERNATIONAL STANDARD   ISO/FDIS 3098-1:2014(E)

Technical product documentation — Lettering —

Part 1:
General requirements

1 Scope

This part of ISO 3098 specifies the general requirements for lettering, in accordance with the other parts of ISO 3098, to be used in technical product documentation (in particular on technical drawings). It includes basic conventions as well as rules for the application of lettering using the following techniques:

a) free-hand lettering (by means of an underlaid "grid");

b)   templates and manual lettering instruments;

c)   dry transfer systems;

d)   numerically controlled lettering and draughting systems.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*

3 Terms and definitions

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

3.1
central line
imaginary line in the middle of each line or line element which is a constitutive part of a graphic character set

Note 1 to entry: Lines may be drawn by means of tubular technical pens conforming with ISO 9175-1.

Note 2 to entry: The central line is the basic datum for the design of tools for lettering, e.g. engraving tools for templates, programs for lettering generators.

3.2
graphic character set
finite set of different graphic characters in a fixed type of lettering, including letters of a certain alphabet, numerals, diacritical marks, punctuation marks and additional graphical symbols, that is considered complete for a given purpose

Note 1 to entry: See ISO/IEC 2382-4:1999, 04.03.

3.3
lettering

1

ISO/FDIS 3098-1:2014(E)

3.3.1
lettering
procedure of writing graphic characters taken from a graphic character set on a (technical) drawing carrier (in addition to the graphical representation)

3.3.2
lettering
whole of the nongraphical information on a (technical) drawing carrier (text, instructions, dimensions, etc.)

3.3.3
lettering
whole of the graphic characters of a graphic character set which can be used for transferring non-graphical information on to a (technical) drawing carrier

4 General requirements

4.1 The basic characteristics required of lettering are given in 4.2 to 4.4.

4.2 Legibility, which shall be maintained by a space between characters of twice the line width used for lettering. This spacing may be reduced to one line width for a better visual effect with combinations of particular characters.

EXAMPLE   LA, TV or Tr

4.3 Suitability for the generally used copying processes (diazo copying, microfilming, telefax, etc.).

4.4 Suitability for numerically controlled draughting systems.

5 Dimensions

5.1 Nominal size

The nominal size of lettering is defined by the height (h) of the outline contour of the upper-case (upper case) letters (see Figure 1 and Tables 1 and 2).

The dimensions shown in Figures 1 to 3 as applied to the Latin (L) alphabet shall also be applied to the Cyrillic (C) and Greek (G) alphabets.
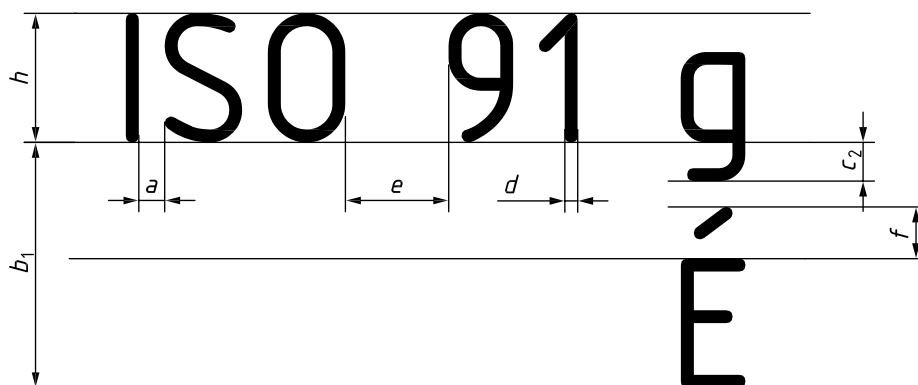

Figure 1