



SLOVENSKI STANDARD SIST EN ISO 13715:2019

01-december-2019

Nadomešča:
SIST ISO 13715:2018

Tehnična dokumentacija proizvodov - Robovi nedoločenih oblik - Oznake in kotiranje (ISO 13715:2017)

Technical product documentation - Edges of undefined shape - Indication and dimensioning (ISO 13715:2017)

Technische Produktdokumentation - Kanten mit unbestimmter Gestalt - Angaben und Bemaßung (ISO 13715:2017)

Documentation technique de produits - Arêtes de forme non définie - Indication et cotation (ISO 13715:2017)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

Ta slovenski standard je istoveten z: EN ISO 13715:2019

ICS:

| | | |
|--------|-----------------------------------|---------------------------------|
| 01.110 | Tehnična dokumentacija za izdelke | Technical product documentation |
|--------|-----------------------------------|---------------------------------|

SIST EN ISO 13715:2019

en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13715:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

EUROPEAN STANDARD

EN ISO 13715

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 01.040.01; 01.100.20

English Version

Technical product documentation - Edges of undefined shape - Indication and dimensioning (ISO 13715:2017)

Documentation technique de produits - Arêtes de forme non définie - Indication et cotation (ISO 13715:2017)

Technische Produktdokumentation - Kanten mit unbestimmter Gestalt - Angaben und Bemaßung (ISO 13715:2017)

This European Standard was approved by CEN on 5 August 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

| Contents | Page |
|------------------------|------|
| European foreword..... | 3 |

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13715:2019](https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019)
<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

European foreword

The text of ISO 13715:2017 has been prepared by Technical Committee ISO/TC 10 "Technical product documentation" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 13715:2019 by 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 April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

iTeh STANDARD PREVIEW
(standards.iteh.ai)

The text of ISO 13715:2017 has been approved by CEN as EN ISO 13715:2019 without any modification.

[SIST EN ISO 13715:2019](https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13715:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

INTERNATIONAL
STANDARD

ISO
13715

Third edition
2017-03

**Technical product documentation —
Edges of undefined shape —
Indication and dimensioning**

*Documentation technique de produits — Arêtes de forme non définie
— Indication et cotation*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13715:2019](https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>



Reference number
ISO 13715:2017(E)

© ISO 2017

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 13715:2019

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

| | |
|--|-----------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 4 Indications on drawings | 4 |
| 4.1 Basic indication..... | 4 |
| 4.2 Types of undefined edge..... | 5 |
| 4.3 Size..... | 5 |
| 4.4 Direction of passing or undercut..... | 7 |
| 4.4.1 Indication in one direction..... | 7 |
| 4.4.2 Asymmetrical indication..... | 8 |
| 4.5 Location of the basic symbol..... | 8 |
| 4.5.1 General..... | 8 |
| 4.5.2 Individual indication of edges..... | 9 |
| 4.5.3 Indication of limited areas..... | 10 |
| 4.5.4 General indication of edges..... | 11 |
| 4.5.5 Exceptions from general indications of edges..... | 13 |
| 4.6 Reference to this document..... | 15 |
| Annex A (normative) Proportions and dimensions of graphical symbols | 16 |
| Annex B (informative) Examples of indication of undefined edges | 18 |
| Bibliography | 22 |

SIST EN ISO 13715:2019

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

ISO 13715:2017(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.

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 (see 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 (see 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 voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

This third edition cancels and replaces the second edition (ISO 13715:2000), which has been technically revised with the following changes:

- title changed from *Technical drawings — Edges of undefined shape — Vocabulary and indications to Technical product documentation — Edges of undefined shape — Indication and dimensioning*;
- Normative references updated;
- text rearranged in [Clause 4](#);
- figure titles changed;
- figures added and improved;
- [4.4.2](#) “Asymmetrical indications” added;
- Clause 5 deleted and Table 2 “Examples” is moved to [Annex B](#), explanations have been improved;
- [Annex B](#) “Recommended edge sixe” has been deleted, definition of sharp edge is deleted.

Introduction

In technical drawings, the ideal geometric shape is represented without any deviation and, in general, without consideration of the conditions of the edges. Nevertheless, for many purposes (the functioning of a part or out of safety considerations, for example) particular conditions of edges need to be indicated. Such conditions include those of external edges free from burr or those with a burr of limited size, and internal edges with a passing.

This document provides a symbology for the indication of the desired edge.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 13715:2019](https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13715:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/4ae723cc-4bff-466a-9ac5-3049aa6fd3c0/sist-en-iso-13715-2019>