ICS 01.040.01, 01.100.20 SLOVENSKÁ TECHNICKÁ NORMA Apríl 2020

STN	**Technická dokumentácia výrobku Hrany neurčených tvarov Označovanie a kótovanie (ISO 13715: 2017)**	**STN EN ISO 13715 01 3131**

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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/20

Obsahuje: EN ISO 13715:2019, ISO 13715:2017

Oznámením tejto normy sa ruší
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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 13715

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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Endorsement notice

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

INTERNATIONAL STANDARD

ISO 13715

Third edition
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Technical product documentation — Edges of undefined shape — Indication and dimensioning

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

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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).

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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.

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.

INTERNATIONAL STANDARD **ISO 13715:2017(E)**

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

1 Scope

This document specifies rules for the indication and dimensioning of undefined edges in technical product and dimensions. The proportions and dimensions of the graphical symbols to be used are also specified.

In cases where the geometrically defined shape of an edge (for example, 1 × 45°) is required, the general dimensioning principles given in ISO 129-1 apply.

2 Normative references

There are no normative references cited in this document.