

Technical drawings — Edges of undefined shape — Vocabulary and indications

ICS 01.040.01; 01.100.20

National foreword

This British Standard reproduces verbatim ISO 13715:2000 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee TDW/4, Technical product specification, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 8 September 2004

Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 13 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments

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INTERNATIONAL STANDARD

**ISO
13715**

Second edition
2000-06-15

Technical drawings — Edges of undefined shape — Vocabulary and indications

*Dessins techniques — Arêtes de forme non définie — Vocabulaire et
indications sur les dessins*



Reference number
ISO 13715:2000(E)

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

International Standard ISO 13715 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

This second edition cancels and replaces the first edition (ISO 13715:1994), which has been technically revised.

Annex A forms a normative part of this International Standard. Annexes B and C are for information only.

Introduction

In technical drawings, the ideal geometric shape is represented without any deviation and, in general, without consideration of the states of the edges. Nevertheless, for many purposes (the functioning of a part, or out of safety considerations, for example) particular states of edges need to be indicated. Such states include those of external edges free from burr, sharp edges or those with a burr of limited size, and internal edges with a passing. In principle, all the edges of a part should be produced in their requisite states. In practice, unless those states are specified in the technical drawing or related documentation, the part will be delivered direct from the machine without the required treatment.

This International Standard is aimed at enabling this situation to be avoided, through specification of guidelines for the indication and graphic representation of the states of edges in technical drawings.