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Second edition
2022-09

Bonded abrasive products — Dimensions —

Part 15: Cutting-off wheels on stationary or mobile cutting-off machines

Produits abrasifs agglomérés — Dimensions —

*Partie 15: Meules pour tronçonnage sur machines de tronçonnage
fixes ou mobiles*



Reference number
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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).

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).

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For an explanation of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 5, *Grinding wheels and abrasives*.

This second edition cancels and replaces the first edition (ISO 603-15:1999), which has been technically revised.

The main changes are as follows:

- the title has been editorially corrected;
- the scope has been specified;
- [Clause 2](#) "Normative references" has been revised;
- [Clause 3](#) "Terms and definitions" has been added;
- in [Clause 4](#) (former [Clause 3](#)), introductory, explanatory sentences have been added for better understanding;
- for shape type 41, the most common dimensions have been given for mobile cutting-off machines ([Table 1](#)) and for stationary (fixed) cutting-off machines ([Table 2](#));
- the figures with shape types and dimensions have been adapted to ISO 525:2020 (e.g. in shape type 42, the dimension "F" for the elevation of depressed centre has been renamed "M");
- the values in the tables have been adapted to the state of the art and the most common dimensions for imperial sizes have also been included for more global acceptance;
- [Clause 5](#) (former [Clause 4](#)) "Designation" has been revised with reference to ISO 525;
- former [Clause 5](#) "Specifications" has been removed and the reference to ISO 13942 (limit deviations and run out tolerances) has been given in the scope for information;
- the Bibliography has been revised.

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Introduction

Dimensions and tolerances are expressed in millimetres, with dimensions in inches (in) shown between brackets.