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Fourth edition
2013-03-15

Bonded abrasive products — General requirements

Produits abrasifs agglomérés — Exigences générales



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Symbols	1
4 Types — Designation of shapes and symbols	2
4.1 Designation of basic shapes and dimensions	2
4.2 Profiles	9
5 Requirements	10
5.1 Dimensions	10
5.2 Limit deviations and tolerances	10
5.3 Permissible unbalance	10
5.4 Specification mark	10
6 Marking	12
Bibliography	13

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

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The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 5, *Grinding wheels and abrasives*.

This fourth edition cancels and replaces the third edition (ISO 525:1999).

Significant changes against the previous edition are as follows:

- a) clarification has been included in the Scope to explicitly exclude coated abrasive products;
- b) a note has been included in [Clause 4](#) on the relationship with the ISO 603 series and the dimensional requirements given there;
- c) in [Clause 4](#), [Table 2](#), the description of some existing types of bonded abrasives products has been changed and type numbers 17, 17R, 19R, 29 and 40 have been included;
- d) all specific requirements on dimensions (outside diameter, thickness and bore diameter) have been removed from [Clause 5](#) and reference is now made to the ISO 603 series;
- e) in [Clause 5](#), requirements for maximum operating speeds have been deleted;
- f) [Clause 6](#) on designation has been reworded and included in [Clause 5](#);
- g) additional marking requirements have been included.