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Fifth edition
2020-10

Bonded abrasive products — Shape types, designation and marking

Produits abrasifs agglomérés — Types de forme, désignation et marquage



Reference number
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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	1
3.1 Terms and definitions	1
3.2 Symbols	1
4 Shape types	2
4.1 Designation of shape types	2
4.2 Profiles	15
5 Specification	17
5.1 General	17
5.2 Mixture of abrasive types	17
5.3 Abrasive grain type	17
5.4 Abrasive grain size	17
5.5 Mixture of abrasive grain sizes (grit combination)	18
5.6 Grade of hardness	18
5.7 Structure or porosity	18
5.8 Bond type	18
5.9 Manufacturer's special code	18
6 Designation	18
7 Marking	19
Bibliography	21

Foreword

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

This fifth edition cancels and replaces the fourth edition (ISO 525:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

- title corrected to be more precise: “Bonded abrasive products – Shape types, designation and marking”;
- scope corrected by deleting bullet point d) for dimensions, limit deviations and tolerances as well as permissible unbalance; requirements for dimensions, limit deviations and tolerances were never specified in ISO 525 but in ISO 13942;
- type of citation of ISO 603, ISO 13942 and ISO 6103 revised to be informative;
- [Table 1](#): symbols revised;
- [Table 2](#): shape types and their designations revised in order to better fit together in terms of language;
- [Table 2](#): addition of new shape types 18B and 18P;
- [Table 2](#): addition of more subtypes to shape types 31, 52, 54 and 90 in accordance with the respective part(s) of ISO 603;
- revision of profiles in [4.2](#) as well as addition of further profiles;
- former subclauses 5.1, 5.2 and 5.3 deleted;
- former subclause 5.4 revised and moved to be [Clause 5](#);
- revision of [Table 3](#) “Specification” and the following subclauses explaining the elements of [Table 3](#);
- reintroduction of the designation from the edition of 1999 as new [Clause 6](#);

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— revision of [Clause 7](#) "Marking".

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