
**Coated abrasives — Determination
and designation of grain size
distribution —**

**Part 3:
Microgrit sizes P240 to P5000**

*Abrasifs appliqués — Détermination et désignation de la distribution
granulométrique —*

Partie 3: Micrograins P240 à P5000

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Published in Switzerland

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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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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 third edition cancels and replaces ISO 6344-3:2013 and ISO 6344-1:1998, which have been technically revised.

The main changes compared to ISO 6344-3:2013 and ISO 6344-1:1998 are as follows:

- the title and the scope have been changed and updated due to the extension of grit designations up to P5000;
- relevant content of ISO 6344-1:1998 has been updated and transferred to this document and ISO 6344-2;
- references to ISO 6344-1:1998 have been deleted;
- normative references have been updated;
- [Clause 3](#) "Terms and definitions" has been updated;
- former [Clause 4](#) "Testing of microgrit sizes P240 to P1200" has been revised in its content and divided into two clauses: [Clause 4](#) "Grain size distribution of microgrit sizes P240 to P1200" and [Clause 5](#) "Test method of microgrit sizes P240 to P1200";
- the checking mineral 280 has been deleted;
- former [Tables 3](#) and [4](#) for the theoretical equivalent grain diameters have been moved to a new [Annex A](#) "Theoretical equivalent grain diameters, d , for grits of fused aluminium oxide and for grits of silicon carbide";
- former [Clause 5](#) has been revised in its content and divided into two clauses: [Clause 6](#) "Grain size distribution of microgrit sizes P1500 to P5000" and [Clause 7](#) "Test method of microgrit sizes P1500 to P5000";