

BS ISO 6106:2013



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Abrasive products — Checking the grain size of superabrasives

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National foreword

This British Standard is the UK implementation of ISO 6106:2013. It supersedes BS ISO 6106:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/13, Grinding wheels, abrasive tools, paper and cloths, and powders.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Abrasive products — Checking the grain size of superabrasives

*Produits abrasifs — Vérification de la dimension des grains de
superabrasifs*



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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.

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The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6106 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 5, *Grinding wheels and abrasives*.

This third edition cancels and replaces the second edition (ISO 6106:2005), which has been technically revised.

Significant changes against the previous edition are the following:

- a) the English title has been editorially improved;
- b) the requirements for the sampling techniques in [4.3](#) have been specified in more detail;
- c) there has been a minor technical change in the requirements for the sieving procedure in [6.3](#);
- d) an editorial error in [Table 2](#) and [Table 3](#) was corrected;
- e) in [Table 2](#), smaller grain designations, i.e. 39 and 33, have been included;
- f) in [Table 3](#), larger grain designations, i.e. 302, 357 and 712, have been included;
- g) in [Table 2](#), undersize limiting sieves have been changed for grain designations 46 and 54.