

Machine tools — Test conditions for surface grinding machines with vertical grinding wheel spindle and reciprocating table — Testing of the accuracy

ICS 25.080.50

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National foreword

This British Standard reproduces verbatim ISO 1985:1988 and implements it as the UK national standard. It supersedes BS 4656-6:1988 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/1, Machine tools, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 July 1998

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INTERNATIONAL STANDARD

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Machine tools — Test conditions for surface grinding machines with vertical grinding wheel spindle and reciprocating table — Testing of the accuracy

*Machines-outils — Conditions d'essai des machines à rectifier les surfaces
planes, à broche porte-meule à axe vertical — Contrôle de la précision*



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Descriptors: Machine tools, grinding machines (tools), tests, determination, accuracy, geometrical tolerances, run-out tolerances.

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.

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.

International Standard ISO 1985 was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 2, *Test conditions for metal cutting machine tools*.

This third edition cancels and replaces the second edition (ISO 1985:1985), of which it constitutes a technical revision.

Annex A of this International Standard is for information only.

