BRITISH STANDARD

BS ISO 3442-1:2005

Incorporating corrigendum no. 1

Machine tools — Dimensions and geometric tests for self-centring chucks with two-piece jaws —

Part 1: Manually operated chucks with tongue and groove type jaws

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National foreword

This British Standard was published by BSI. It is the UK implementation of ISO 3442-1:2005. Together with BS ISO 3442-2:2005 and BS ISO 3442-3:2007 it supersedes BS 1983-7:1994 (ISO 3442:1991) and BS 1983-6:1994 (ISO 9401:1991), which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/1, Machine tools.

A list of organizations represented on MTE/1 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.

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

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INTERNATIONAL STANDARD

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Machine tools — Dimensions and geometric tests for self-centring chucks with two-piece jaws —

Part 1: Manually operated chucks with tongue and groove type jaws

Machines-outils — Dimensions et essais géométriques pour mandrins à serrage concentrique et à mors rapportés —

Partie 1: Mandrins à commande manuelle avec mors à assemblage cruciforme par tenon et languette

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 3442-1 was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 8, *Work holding spindles and chucks*.

Together with ISO 3442-2 and ISO 3442-3, this first edition of ISO 3442-1 cancels and replaces ISO 3442:1991 and ISO 9401:1991. ISO/TC 39/SC 8 decided to split ISO 3442:1991 into three parts, at the same time incorporating ISO 9401:1991. As soon as all three parts of ISO 3442 are published, ISO 3442:1991 and ISO 9401:1991 will be withdrawn.

ISO 3442 consists of the following parts, under the general title *Machine tools — Dimensions and geometric tests for self-centring chucks with two-piece jaws*:

— *Part 1: Manually operated chucks with tongue and groove type jaws*

— *Part 2: Power-operated chucks with tongue and groove type jaws*

— *Part 3: Power-operated chucks with serrated jaws*

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