INTERNATIONAL STANDARD

Third edition 2006-12-01

Milling cutters with tenon drive — Interchangeability dimensions for cutter arbors — Metric series

Fraises à métaux à entraînement par tenons — Dimensions d'interchangeabilité avec les mandrins porte-fraise — Série métrique



Reference number ISO 2780:2006(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

this document is a preview cenerated by the second se

© ISO 2006

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office Case postale 56 • CH-1211 Geneva 20 Tel. + 41 22 749 01 11 Fax + 41 22 749 09 47 E-mail copyright@iso.org Web www.iso.org

Published in Switzerland

Foreword

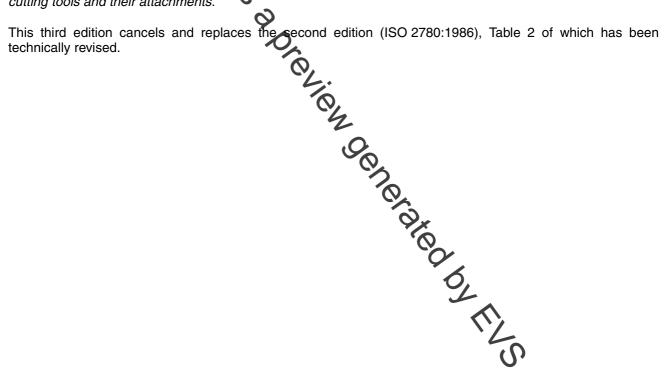
ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee 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 2780 was prepared by Technical Committee ISO/TC 29, Small tools, Subcommittee SC 2, High speed steel cutting tools and their attachments cutting tools and their attachments.



this document is a preview denerated by EUS

Milling cutters with tenon drive — Interchangeability dimensions for cutter arbors — Metric series

1 Scope

This International Standard specifies the dimensions for interchangeability between milling cutters with tenon drive and the cutter seating of cutter arbors.

It is applicable only to milling cutters of the metric series.

It gives the interchangeability dimensions for:

- the milling cutters;
- the cutter seating on the arbor;
- the cutter retaining screw on the cutter arbor.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For under references, the latest edition of the referenced document (including any amendments) applies.

ISO 240:1994, Milling cutters — Interchangeability dimensions for cutter arbors or cutter mandrels

ISO 2768-1, General tolerances — Part 1: Tolerances for inear and angular dimensions without individual tolerance indications

3 Dimensions

3.1 General

All dimensions and tolerances are given in millimetres. Tolerances not specified shall be of tolerance class m, in accordance with ISO 2768-1.