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Dentistry - Test methods for rotary instruments

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 8325:2004 sisaldab Euroopa standardi EN ISO 8325:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 21.12.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 8325:2004 consists of the English text of the European standard EN ISO 8325:2004.</p> <p>This document is endorsed on 21.12.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This International Standard specifies methods for measuring the dimensional characteristics, neck strength and surface roughness of dental rotary instruments, such as burs, cutters, polishers, diamond and abrasive instruments. This International Standard does not provide test methods for the characteristics of materials used for dental rotary instruments.</p>	<p>Scope: This International Standard specifies methods for measuring the dimensional characteristics, neck strength and surface roughness of dental rotary instruments, such as burs, cutters, polishers, diamond and abrasive instruments. This International Standard does not provide test methods for the characteristics of materials used for dental rotary instruments.</p>
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Võtmesõnad:

English version

Dentistry – Test methods for rotary instruments

(ISO 8325 : 2004)

Art dentaire – Méthodes d'essai pour
instruments rotatifs (ISO 8325 : 2004)

Zahnheilkunde – Prüfverfahren für rotie-
rende Instrumente (ISO 8325 : 2004)

This European Standard was approved by CEN on 2004-09-02.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 8325:2004 Dentistry – Test methods for rotary instruments, which was prepared by ISO/TC 106 'Dentistry' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 55 'Dentistry', the Secretariat of which is held by Germany, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by March 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8325 : 2004 was approved by CEN as a European Standard without any modification.

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Introduction

To check the conformity of dental rotary instruments against relevant product standards, it is indispensable to conduct tests on the basis of harmonised test methods in order to achieve comparable test results. In the respective product standards for dental rotary instruments, reference is made to the test methods specified in this International Standard.

1 Scope

This International Standard specifies methods for measuring the dimensional characteristics, neck strength and surface roughness of dental rotary instruments, such as burs, cutters, polishers, diamond and abrasive instruments.

This International Standard does not provide test methods for the characteristics of materials used for dental rotary instruments.

NOTE For testing of these characteristics, see the respective product standards.

This International Standard is not applicable to dental root-canal instruments (see ISO 3630-1).

2 Normative references

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

ISO 1797-1, *Dental rotary instruments — Shanks — Part 1: Shanks made of metals*

ISO 1797-2, *Dental rotary instruments — Shanks — Part 2: Shanks made of plastics*

ISO 1942, *Dentistry — Vocabulary*

ISO 3274, *Geometrical Product Specification (GPS) — Surface texture: Profile method — Nominal characteristics of contact (stylus) instruments*

ISO 4288, *Geometrical Product Specification (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 apply.

4 Test methods

4.1 General

The test methods specified in this International Standard refer to the main dimensional characteristics of dental rotary instruments. They are demonstrated by describing the measurement procedures for the single characteristics of instruments.