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Dentistry - Mandrels for rotary instruments

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EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

<p>Käesolev Eesti standard EVS-EN ISO 13295:2008 sisaldab Euroopa standardi EN ISO 13295:2007 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 28.01.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.07.2007.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 13295:2008 consists of the English text of the European standard EN ISO 13295:2007.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 28.01.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 04.07.2007.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

Dentistry - Mandrels for rotary instruments (ISO 13295:2007)

Art dentaire - Mandrins pour instruments rotatifs (ISO
13295:2007)

Zahnheilkunde - Träger für rotierende Instrumente (ISO
13295:2007)

This European Standard was approved by CEN on 13 June 2007.

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This European Standard exists 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 CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 13295:2007) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

This document supersedes EN ISO 13295:1996.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 13295:2007 has been approved by CEN as EN ISO 13295:2007 without any modification.

Introduction

Mandrels are used for the support of rotary instruments. To achieve a general application, independent of the type of instrument, the standardization of mandrels is desirable. This will ease the usage of rotary instruments in dentistry.

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Dentistry — Mandrels for rotary instruments

1 Scope

This International Standard specifies the requirements, the packaging and marking characteristics for mandrels suitable for discs and polishers used in dentistry.

This International Standard uses the system of coding laid down in ISO 6360, which specifies a 15-digit number for the identification of dental rotary instruments of all types.

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 1942, *Dentistry — Vocabulary*

ISO 6360 (all parts), *Dentistry — Number coding system for rotary instruments*

ISO 6892, *Metallic materials — Tensile testing — Method of testing at ambient temperature*

ISO 8325:2004, *Dentistry — Test methods for rotary instruments*

3 Terms and definitions

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

3.1

mandrel

rotary shaft for holding dental rotary instruments

4 Classification

For the purposes of this document, mandrels are classified according to their mechanical properties and the application for which they are recommended as follows:

- **Type 1:** mandrel, standard;
- **Type 2:** mandrel, reinforced;
- **Type 3:** mandrel with cylindrical thread for fixing unmounted polishers;
- **Type 4:** mandrel with conical thread for fixing unmounted polishers;
- **Type 5:** mandrel on which polishers can be snapped.