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**Dentistry - Rotary bur instruments - Part 2:
Finishing burs**

Dentistry - Rotary bur instruments - Part 2: Finishing
burs

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 3823-2:2004 sisaldab Euroopa standardi EN ISO 3823-2:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.2004 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 3823-2:2004 consists of the English text of the European standard EN ISO 3823-2:2003.</p> <p>This document is endorsed on 23.11.2004 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 part of ISO 3823 specifies dimensional and other relevant requirements for the 17 most commonly used shapes of steel and carbide finishing burs, including a quality control and specifications for labelling of these instruments.</p>	<p>Scope: This part of ISO 3823 specifies dimensional and other relevant requirements for the 17 most commonly used shapes of steel and carbide finishing burs, including a quality control and specifications for labelling of these instruments.</p>
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Võtmesõnad:

English version

Dentistry
Rotary bur instruments
Part 2: Finishing burs
(ISO 3823-2 : 2003)

Art dentaire – Instruments rotatifs de
fraisage – Partie 2: Fraises à finir
(ISO 3823-2 : 2003)

Zahnheilkunde – Rotierende Bohr-
instrumente – Teil 2: Finierer
(ISO 3823-2 : 2003)

This European Standard was approved by CEN on 2003-04-23.

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.

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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 3823-2 : 2003 Dentistry – Rotary bur instruments – Part 2: Finishing burs, 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 DIN, 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 November 2003 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 3823-2 : 2003 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

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Introduction

This part of ISO 3823 is one of a series of International Standards relating to dental rotary instruments.

This second edition of ISO 3823-2 contains the updated specifications for tungsten carbide finishing burs. The specifications for steel finishing burs remain unchanged.

The various dimensional and other requirements specified for steel and carbide finishing burs are those considered important to ensure the interchangeability and safe usage of these instruments in the practice of dentistry.

The nominal diameters of the working parts listed in Tables 1 to 68 comply with the diameters specified in ISO 2157.

Attention is drawn to the ISO 6360 series, which specifies a 15-digit numbering system for the identification of dental rotary instruments of all types.

1 Scope

This part of ISO 3823 specifies dimensional and other relevant requirements for the 17 most commonly used shapes of steel and carbide finishing burs, including a quality control and specifications for labelling of these instruments.

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 1797-1:1992, *Dental rotary instruments — Shanks — Part 1: Shanks made of metals*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 6360-1, *Dentistry — Number coding system for rotary instruments — Part 1: General characteristics*

ISO 6360-3, *Dentistry — Number coding system for rotary instruments — Part 3: Specific characteristics of burs and cutters*

ISO 8325:1985, *Dental rotary instruments — Test methods*

ISO 13402:1995, *Surgical and dental hand instruments — Determination of resistance against autoclaving, corrosion and thermal exposure*

3 Classification

Steel and carbide finishing burs shall be classified, according to the material of the working part, into the following two types:

- Type 1: Steel finishing burs
- Type 2: Carbide finishing burs

4 Symbols

For the purposes of this part of ISO 3823, the following symbols apply:

- d_1 diameter of working part, head diameter;
- d_2 neck diameter;