



SLOVENSKI STANDARD
SIST EN ISO 21671:2006

01-oktober-2006

Zobozdravstvo - Orodja za poliranje (ISO 21671:2006)

Dentistry - Rotary polishers (ISO 21671:2006)

Zahnheilkunde - Rotierende Polierer (ISO 21671:2006)

Art dentaire - Polissoirs rotatifs (ISO 21671:2006)

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ICS:

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EUROPEAN STANDARD
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Dentistry - Rotary polishers (ISO 21671:2006)

Art dentaire - Polissoirs rotatifs (ISO 21671:2006)

Zahnheilkunde - Rotierende Polierer (ISO 21671:2006)

This European Standard was approved by CEN on 26 June 2006.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

EN ISO 21671:2006 (E)**Foreword**

This document (EN ISO 21671:2006) 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 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of an identical text or by endorsement, at the latest by January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 United Kingdom.

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Dentistry — Rotary polishers

Art dentaire — Polissoirs rotatifs

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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 21671 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

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Introduction

This International Standard is one of a series of standards relating to rotary instruments used in dentistry.

The various dimensional and other requirements specified for polishers are those considered important to ensure the interchangeability and safe usage of these instruments in the dental laboratory and at the dentist's working place.

The nominal diameters of the working part listed in Clauses 5 and 6 comply preferably with the diameters specified in ISO 2157.

Attention is drawn to ISO 6360 which specifies a 15-digit number coding system for the identification of rotary instruments of all types used in dentistry.

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Dentistry — Rotary polishers

1 Scope

This International Standard specifies the dimensions and other requirements for the most commonly used polishers which are used at the working place of the dentist and/or in the dental laboratory.

This International Standard is applicable to unmounted and mounted polishers.

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

ISO 1942, *Dentistry — Vocabulary*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

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

ISO 6360-2, *Dentistry — Number coding system for rotary instruments — Part 2: Shapes*

ISO 6360-6, *Dentistry — Number coding system for rotary instruments — Part 6: Specific characteristics of abrasive instruments*

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

ISO 13295, *Dentistry — Mandrels for rotary instruments*

3 Terms, definitions and symbols

3.1 Terms and definitions

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

3.1.1

polisher

rotary instrument used in dentistry for polishing dental materials or teeth

3.1.2

mounted polisher

nondetachable polisher that is fixed on a shank