



**SLOVENSKI STANDARD**  
**SIST EN ISO 2157:2000**  
**01-januar-2000**

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**Dental rotary instruments - Nominal diameters and designation code number (ISO 2157:1992)**

Dental rotary instruments - Nominal diameters and designation code number (ISO 2157:1992)

Zahnärztliche rotierende Instrumente - Nenndurchmesser und Bezeichnungsnummer (ISO 2157:1992)

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Instruments rotatifs dentaires - Diamètres nominaux et désignation par numéro de code (ISO 2157:1992)

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**Ta slovenski standard je istoveten z: EN ISO 2157:1995**

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**ICS:**

11.060.25      Zobotehnični instrumenti      Dental instruments

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EUROPEAN STANDARD

EN ISO 2157

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1995

ICS 11.060.20

Supersedes EN 22157:1989

Descriptors: dentistry, dental equipment, dental rotary-cutting instruments, working elements, dimensions, diameters, designation, numeric codes

English version

## Dental rotary instruments - Nominal diameters and designation code number (ISO 2157:1992)

Instruments rotatifs dentaires - Diamètres nominaux et désignation par numéro de code (ISO 2157:1992)      Zahnärztliche rotierende Instrumente - Nenndurchmesser und Bezeichnungsnummer (ISO 2157:1992)

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Ref. No. EN ISO 2157:1995 E

## Foreword

This European Standard has been taken over by Technical Committee CEN/TC 55 "Dentistry" from the work of ISO/TC 106 "Dentistry" of the International Standardization Organization (ISO).

The text was submitted to the Updating Questionnaire Procedure (UQ) and approved as a European Standard.

This European Standard replaces EN 22157:1989.

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of an identical text or by endorsement, at the latest by August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## Endorsement notice

The text of the International Standard ISO 2157:1992 was approved by CEN as a European Standard without any modification.

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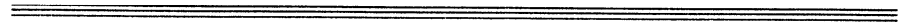
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# INTERNATIONAL STANDARD

**ISO**  
**2157**

Third edition  
1992-06-15

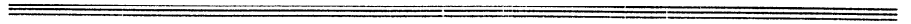


## **Dental rotary instruments — Nominal diameters and designation code number**

**iTeh STANDARD PREVIEW**  
*Instruments rotatifs dentaires — Diamètres nominaux et désignation par  
numéro de code*  
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Reference number  
ISO 2157:1992(E)

**ISO 2157:1992(E)****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.

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.

International Standard ISO 2157 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Sub-Committee SC 4, *Dental instruments*.

This third edition cancels and replaces the second edition (ISO 2157:1984), differences from which are indicated in the Introduction.

Annex A of this International Standard is for information only.

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International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

## Introduction

This International Standard is one of several basic standards for dental rotary instruments and sets out in tabular form a series of nominal diameters for the working parts of dental rotary instruments. It also lists the designations corresponding to those diameters. These designations give the diameters, in tenths of millimetres, in the form of a three-digit number which is used as part of the number code in ISO 6360 [2] [3].

The nominal diameters in the range of 0,5 mm to 30 mm given in the previous edition of this International Standard have been retained in this revision. However, in the range 2,5 mm to 10 mm, a few additional diameters corresponding to the R 20 series of ISO 3 [1] have been added. It is recommended in the range of 2,5 mm to 10 mm to substitute the diameters of the R 20 series for the old diameters, in order to reduce the number of diameters in this area from 21 to 12.

In the range 10 mm to 30 mm, diameters based on the R 20 numbers are already in common use.

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# Dental rotary instruments — Nominal diameters and designation code number

## iTeh STANDARD PREVIEW (standards.iteh.ai)

### 1 Scope

This International Standard specifies the nominal diameters of the working parts of dental rotary instruments, for example burs, laboratory burs, grinding instruments, diamond instruments, mandrels, etc. and the corresponding designation. It does not cover the diameters of root canal instruments.

### 2 Nominal diameters and designation

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The nominal diameters, in millimetres, and the designation by code number of the working parts of dental rotary instruments shall be selected from those listed in table 1.