

# SLOVENSKI STANDARD

## SIST EN ISO 7787-4:2002

01-november-2002

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### Dental rotary instruments - Cutters - Part 4: Miniature carbide laboratory cutters (ISO 7787-4:2002)

Dental rotary instruments - Cutters - Part 4: Miniature carbide laboratory cutters (ISO 7787-4:2002)

Rotierende Dentalinstrumente - Fräser - Teil 4: Miniaturlaborfräser aus Hartmetall (ISO 7787-4:2002)

Instruments rotatifs dentaires - Fraises techniques - Partie 4: Fraises techniques miniatures en carbure pour laboratoire (ISO 7787-4:2002)

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Ta slovenski standard je istoveten z: **EN ISO 7787-4:2002**

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#### **ICS:**

11.060.25      Z[ à[ c @ ã } ã • d ~ { ^ } ã      Dental instruments

**SIST EN ISO 7787-4:2002**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 7787-4**

March 2002

ICS 11.060.20

English version

**Dental rotary instruments - Cutters - Part 4: Miniature carbide  
laboratory cutters (ISO 7787-4:2002)**

Instruments rotatifs dentaires - Fraises techniques - Partie  
4: Fraises techniques miniatures en carbure pour  
laboratoire (ISO 7787-4:2002)

Rotierende Dentalinstrumente - Fräser - Teil 4:  
Miniaturlaborfräser aus Hartmetall (ISO 7787-4:2002)

This European Standard was approved by CEN on 28 February 2002.

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.

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 Management Centre has the same status as the official versions.

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

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

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

EN ISO 7787-4:2002 (E)

<b>CORRECTED 2002-04-24</b>
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## Foreword

This document (ISO 7787-4:2002) 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 September 2002, and conflicting national standards shall be withdrawn at the latest by September 2002.

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

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### Endorsement notice

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The text of the International Standard ISO 7787-4:2002 has been approved by CEN as a European Standard without any modifications.

NOTE Normative references to International Standards are listed in annex ZA (normative).

## Annex ZA (normative)

### Normative references to International Publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 1797-1	1992	Dental rotary instruments – Shanks — Part 1: Shanks made of metals	EN ISO 1797-1	1995
ISO 6360-1	1985	Dental rotary instruments — Number coding system — Part 1: General characteristics	EN 26360-1	1990
ISO 8325	1985	Dental rotary instruments — Test methods	EN 28325	1990

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# INTERNATIONAL STANDARD

**ISO**  
**7787-4**

First edition  
2002-03-15

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## **Dental rotary instruments — Cutters — Part 4: Miniature carbide laboratory cutters**

*Instruments rotatifs dentaires — Fraises techniques —*

*Partie 4: Fraises techniques miniatures en carbure pour laboratoire*

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## Contents

Page

Foreword.....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Symbols .....	1
4 Requirements .....	2
4.1 Materials .....	2
4.2 Shapes .....	2
4.3 Dimensions and number of blades .....	2
4.4 Tothing.....	19
4.5 Run-out .....	19
5 Test procedure .....	19
5.1 Shapes .....	19
5.2 Dimensions and number of blades .....	19
5.3 Tothing.....	19
5.4 Run-out .....	19
6 Acceptance quality limit (AQL) .....	19
7 Designation of tothing and number of blades .....	19
8 Marking .....	20
9 Labelling on the package .....	20
10 Packaging .....	20

## ISO 7787-4:2002(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 part of ISO 7787 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7787-4 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

ISO 7787 consists of the following parts, under the general title *Dental rotary instruments — Cutters*:

— *Part 1: Steel laboratory cutters*

— *Part 2: Carbide laboratory cutters*

— *Part 3: Carbide laboratory cutters for milling machines*

— *Part 4: Miniature carbide laboratory cutters*

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## Introduction

This part of ISO 7787 is one of a series of standards relating to dental rotary instruments.

The various dimensional and other requirements specified for miniature carbide laboratory cutters are those considered important to ensure the interchangeability and safe usage of these instruments in the dental laboratory.

The nominal diameters of the working part listed in Tables 1 to 16 comply with the diameters specified in ISO 2157, *Dental rotary instruments — Nominal diameters and designation code number*.

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

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