



SLOVENSKI STANDARD
SIST EN ISO 7787-2:2001
01-november-2001

BUXca Yý U
SIST EN ISO 7787-2:2000

Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:2000)

Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:2000)

Rotierende Dentalinstrumente - Fräser - Teil 2: Laborfräser aus Hartmetall (ISO 7787-2:2000)

Instruments rotatifs dentaires - Fraises techniques - Partie 2: Fraises techniques en carbure (ISO 7787-2:2000)

STANDARD PREVIEW
(standards.iteh.ai)

standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001

Ta slovenski standard je istoveten z: EN ISO 7787-2:2000

ICS:

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

SIST EN ISO 7787-2:2001 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7787-2:2001](https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001)

<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 7787-2

December 2000

ICS 11.060.20

Supersedes EN ISO 7787-2:1995

English version

Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:2000)

Instruments rotatifs dentaires - Fraises techniques - Partie
2: Fraises techniques en carbure (ISO 7787-2:2000)

Rotierende Dentalinstrumente - Fräser - Teil 2: Laborfräser
aus Hartmetall (ISO 7787-2:2000)

This European Standard was approved by CEN on 15 December 2000.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>



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

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

CORRECTED 2001-04-04

Foreword

The text of the International Standard ISO 7787-2:2000 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 supersedes EN ISO 7787-2:1995.

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 June 2001, and conflicting national standards shall be withdrawn at the latest by June 2001.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Endorsement notice

The text of the International Standard ISO 7787-2:2000 was approved by CEN as a European Standard without any modification.

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	Dentistry – Dental rotary instruments – Number coding system – Part 1: General characteristics	EN 26360-1	1990
ISO 6360-2	1986	Dentistry – Dental rotary instruments – Number coding system – Part 2: Shape and specific characteristics	EN 26360-2	1991
ISO 8325	1985	Dentistry – Dental rotary instruments – Test methods	EN 28325	1990

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7787-2:2001](https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001)

<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>

INTERNATIONAL
STANDARD

ISO
7787-2

Fourth edition
2000-12-15

Dental rotary instruments — Cutters —
Part 2:
Carbide laboratory cutters

Instruments rotatifs dentaires — Fraises techniques —

Partie 2: Fraises techniques en carbure

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7787-2:2001](https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001)

<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>



Reference number
ISO 7787-2:2000(E)

© ISO 2000

ISO 7787-2:2000(E)**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 7787-2:2001](https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001)

<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>

© ISO 2000

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Classification.....	1
4 Symbols	2
5 Requirements	2
5.1 Materials	2
5.2 Shapes	2
5.3 Dimensions and number of blades.....	2
5.4 Tothing.....	8
5.5 Run-out	8
6 Test procedures	8
6.1 Shapes	8
6.2 Dimensions and number of blades.....	8
6.3 Tothing.....	9
6.4 Run-out	9
7 Sampling and acceptance level (AQL)	9
8 Designation of tothing and number of blades.....	9
9 Marking on the instrument.....	10
10 Labelling on the package.....	10
11 Packaging.....	10

ISO 7787-2:2000(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.

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.

International Standard ISO 7787-2 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

This fourth edition cancels and replaces the third edition (ISO 7787-2:1998), which has been technically revised as follows:

- ITEC STANDARD PREVIEW
(standards.iteh.ai)
- addition of designation of tothing;
 - addition of labelling and marking requirements;
SIST EN ISO 7787-2:2001
<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>
 - exclusion of miniature carbide laboratory cutters.

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*

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 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 11 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.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 7787-2:2001](https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001)

<https://standards.iteh.ai/catalog/standards/sist/1e96e77c-8798-407a-a6cf-362cf23de150/sist-en-iso-7787-2-2001>