



SLOVENSKI STANDARD
SIST EN ISO 7787-2:2000

01-januar-2000

Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:1992)

Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:1992)

Rotierende Dentalinstrumente - Fräser - Teil 2: Laborfräser aus Hartmetall (ISO 7787-2:1992)

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Instruments rotatifs dentaires - Fraises techniques - Partie 2: Fraises techniques en carbure (ISO 7787-2:1992)

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Ta slovenski standard je istoveten z: EN ISO 7787-2:1995

ICS:

11.060.25 Zobotehnični instrumenti Dental instruments

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en

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EUROPEAN STANDARD

EN ISO 7787-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1995

ICS 11.060.20

Supersedes EN 27787-2:1990

Descriptors: dentistry, dental equipment, dental rotary-cutting instruments, burrs(dental), specifications, dimensions, dimensional tolerances, carbide tools

English version

**Dental rotary instruments - Cutters - Part 2:
Carbide laboratory cutters (ISO 7787-2:1992)**

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REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Urad RS za standardizacijo in meroslovje
LJUBLJANA

SIST... EN ISO 7787-2 -01- 2000

PREVZET PO METODI RAZGLASITVE

This European Standard was approved by CEN on 1995-01-17. 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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

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CEN

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 7787-2:1995 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).

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

The text was submitted to the Unique Acceptance Procedure (UAP) and approved 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, at the latest by August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

This European Standard replaces EN 27787-2:1989.

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 7787-2 : 1992 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications 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).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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

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INTERNATIONAL STANDARD

ISO
7787-2

Second edition
1992-11-15

Dental rotary instruments — Cutters —

Part 2:

Carbide laboratory cutters

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(standards.iteh.ai) Instruments rotatifs dentaires — Fraises techniques —
Partie 2: Fraises techniques en carbure

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Reference number
ISO 7787-2:1992(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 7787-2 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Sub-Committee SC 4, *Dental instruments*.

This second edition cancels and replaces the first edition (ISO 7787-2:1984), of which it constitutes a technical revision. In particular, the cutters specified in 5.3.1, 5.5.1, 5.8.1 and 5.12 are new.

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*

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Dental rotary instruments — Cutters —

Part 2: Carbide laboratory cutters

1 Scope

This part of ISO 7787 specifies the dimensional and other requirements for the 15 most commonly used carbide cutters¹⁾ which are predominantly used in the dental laboratory.

Other characteristics of cutters, for example spiralled blades, cross-cut, are not covered by this part of ISO 7787. These will be dealt with in a future International Standard.

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

2 Normative references

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The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 7787. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 7787 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

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

ISO 2157:1992, *Dental rotary instruments — Nominal diameters and designation code number.*

ISO 2859-1:1989, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection.*

ISO 6360-1:1985, *Dental rotary instruments — Number coding system — Part 1: General characteristics.*

ISO 6360-2:1986, *Dental rotary instruments — Number coding system — Part 2: Shape and specific characteristics.*

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

1) Sometimes called laboratory burs.