



# SLOVENSKI STANDARD SIST EN ISO 7787-1:2016

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SIST EN 27787-1:2000

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**Zobozdravstvo - Laboratorijska rezila - 1. del: Jeklena laboratorijska rezila (ISO 7787-1:2016)**

Dentistry - Laboratory cutters - Part 1: Steel laboratory cutters (ISO 7787-1:2016)

Zahnheilkunde - Laborfräser - Teil 1: Laborfräser aus Stahl (ISO 7787-1:2016)

Médecine bucco-dentaire - Fraises de laboratoire - Partie 1 : Fraises de laboratoire en acier (ISO 7787-1:2016)

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**ICS:**

11.060.20      Zobotehnična oprema      Dental equipment

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EUROPEAN STANDARD

EN ISO 7787-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2016

ICS 11.060.20

Supersedes EN 27787-1:1990

English Version

## Dentistry - Laboratory cutters - Part 1: Steel laboratory cutters (ISO 7787-1:2016)

Médecine bucco-dentaire - Fraises de laboratoire -  
Partie 1: Fraises de laboratoire en acier (ISO 7787-  
1:2016)

Zahnheilkunde - Laborfräser - Teil 1: Laborfräser aus  
Stahl (ISO 7787-1:2016)

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EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN ISO 7787-1:2016) 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of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 27787-1:1990.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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INTERNATIONAL  
STANDARD

ISO  
7787-1

Second edition  
2016-05-01

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**Dentistry — Laboratory cutters —**  
**Part 1:**  
**Steel laboratory cutters**

*Médecine bucco-dentaire — Fraises de laboratoire —*  
*Partie 1: Fraises de laboratoire en acier*

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## ISO 7787-1:2016(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

This second edition cancels and replaces the first edition (ISO 7787-1:1984), which has been technically revised.

ISO 7787 consists of the following parts, under the general title *Dentistry — Laboratory cutters*:

- *Part 1: Steel laboratory cutters*
- *Part 2: Carbide laboratory cutters*
- *Part 3: Tungsten carbide cutters for milling machines*
- *Part 4: Miniature carbide laboratory cutters*

## Introduction

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

The various dimensional and other requirements specified for steel cutters are those considered important to ensure the interchangeability of these instruments.

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