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



EESTI STANDARDI EESSÕNA

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EUROPEAN STANDARD

NORME EUROPÉENNE

EN ISO 7787-1

EUROPÄISCHE NORM

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

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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of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.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.

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Endorsement notice

The text of ISO 7787-1:2016 has been approved by CEN as EN ISO 7787-1:2016 without any modification.

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Foreword

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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*: n.

- 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.

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

Dentistry — Laboratory cutters —

Part 1:

Steel laboratory cutters

1 Scope

This part of ISO 7787 specifies dimensional and other requirements for the nine most commonly used steel cutters which are predominantly used in the dental laboratory.

Other characteristics of laboratory cutters, for example, spiralled blades or cross-cut, are not covered by this part of ISO 7787.

NOTE These cutters are also used in podiatry.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1797¹⁾, Dentistry — Shanks for rotary and oscillating instruments

ISO 1942, Dentistry — Vocabulary

ISO 2157, Dentistry — Nominal diameters and designation code numbers for rotary instruments

ISO 6360-3, Dentistry — Number coding system for rotary instruments — Part 3: Specific characteristics of burs and cutters

ISO 8325, Dentistry — Test methods for rotary instruments

3 Terms, definitions and symbols

For the purposes of this document, the terms and definitions given in ISO 1942, ISO 6360-3, and the following apply.

3.1 Terms and definitions

3.1.1

laboratory cutter

cutter designed for use with dental materials in the dental laboratory

3.1.2

dental laboratory

facility where dental technical procedures complementing dental clinical treatment are carried out

[SOURCE: ISO 1942:2009, 2.77]

¹⁾ To be published.