

This document is a preview generated by EVS

**Pöörlevad hambaraviinstrumendid.
Instrumentide varreosad. Osa 2: Plastist
varreosad**

Dental rotary instruments - Shanks - Part 2: Shanks
made of plastics

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 1797-2:1999 sisaldab Euroopa standardi EN ISO 1797-2:1995 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.12.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 1797-2:1999 consists of the English text of the European standard EN ISO 1797-2:1995.</p> <p>This document is endorsed on 12.12.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

<p>Käsitlusala: Käesolev standard määrab kindlaks pöörlevate hambaraviinstrumentide plastist valmistatud varreosad ja annab mõõtmismeetodid mõõtmete määramiseks. Lisatud on nõue kvaliteedi kontrollimiseks, et tagada kvaliteedi kõrge tase.</p>	<p>Scope:</p>
---	----------------------

ICS 11.060.20

Võtmesõnad: hambaraviaparatuur, instrumentide varreosad, liigitus, mõõtmised, mõõtmete kindlaksmääramine, plasttooted, puurid (hambaravi), pöörlevalt liikuvad hambaraviinstrumendid, stomatoloogia, tehnilised andmed

ICS 11.060.20

Together with EN ISO 1797-1,
supersedes EN 21 797:1989.

Descriptors: Dentistry, rotary instruments, shanks.

English version

Dental rotary instruments – Shanks

Part 2: Shanks made of plastics
(ISO 1797-2:1992)

Intruments rotatifs dentaires; queues.
Partie 2: Queues en matières plastiques
(ISO 1797-2:1992)

Zahnärztliche rotierende Instrumente;
Schäfte. Teil 2: Schäfte aus Kunststoff
(ISO 1797-2:1992)

This European Standard was approved by CEN on 1995-01-12.

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.

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 Central Secretariat has the same status as the official versions.

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

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 1797-2:1992 Dental rotary instruments; shanks; shanks made of plastics, which was prepared by ISO/TC 106 'Dentistry' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 55 'Dentistry' as a European Standard.

The text was submitted for the Updating Questionnaire Procedure (UQ) and approved as a European Standard.

This European Standard, together with EN ISO 1797-1, supersedes EN 21797:1989.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by August 1995 at the latest.

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 1797-2:1992 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

This document is a preview generated by EVS

Introduction

This International Standard is one of a series of basic standards on dental rotary instruments and constitutes an important link between the standards on dental rotary instruments and those on dental handpieces.

1 Scope

This part of ISO 1797 specifies shanks of dental rotary instruments made of plastics materials and gives measurement methods for the verification of the dimensions. A quality requirement is added in order to ensure a high quality level.

Subclauses 4.6 and 4.7 do not apply to disposable (single-use) instruments.

Shanks made of plastics materials are designed for use at speeds less than 5 000 r/min.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 1797. 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 1797 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/R 527:1966, *Plastics — Determination of tensile properties.*

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

ISO 3274:1975, *Instruments for the measurement of surface roughness by the profile method — Contact*

(stylus) instruments of consecutive profile transformation — Contact profile meters, system M.

ISO 3630-1:—¹⁾, *Dental root-canal instruments — Part 1: Files, reamers, barbed broaches, rasps, paste carriers, explorers and cotton broaches.*

ISO 3630-2:1986, *Dental root canal instruments — Part 2: Enlargers.*

ISO 4288:1985, *Rules and procedures for the measurement of surface roughness using stylus instruments.*

3 Symbols and terms

Symbols and terms are shown in figures 1 to 3, with the following key:

- d_1 diameter of shank
- d_2 diameter in the groove
- s D-flat dimension
- l_1 fitting length
- l_2 shoulder to end length
- l_3 shoulder to groove length
- l_4 width of groove

NOTE 1 Figures 2 and 3 are given for consistency with ISO 1797-1.

1) To be published.