

Pöörlevad hambaraviinstrumendid. Instrumentide varreosa. Osa 1: Metallist varreosad (ISO 1797-1:2011)

Dentistry - Shanks for rotary instruments - Part 1: Shanks made of metals (ISO 1797-1:2011)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 1797-1:2011 sisaldab Euroopa standardi EN ISO 1797-1:2011 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.08.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.08.2011.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 1797-1:2011 consists of the English text of the European standard EN ISO 1797-1:2011.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.08.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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Võtmesõnad: hambaraviaparatuur, instrumentide varreosad, liigitus, metalltooted, mõõtmised, mõõtmiste kindlaksmääramine, puurid (hambaravi), pöörlevalt lõikavad hambaraviinstrumendid, stomatoloogia, talaking,

Inglisekeelsed võtmesõnad: burs, classification, dental equipment, dental rotary-cutting instruments, dentistry, dimensional measurements, dimensions, metal products, shanks,

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English Version

**Dentistry - Shanks for rotary instruments - Part 1: Shanks made
of metals (ISO 1797-1:2011)**

Médecine bucco-dentaire - Queues pour instruments
rotatifs - Partie 1: Queues en matériaux métalliques (ISO
1797-1:2011)

Zahnheilkunde - Schäfte für rotierende Instrumente - Teil 1:
Schäfte aus Metall (ISO 1797-1:2011)

This European Standard was approved by CEN on 14 August 2011.

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

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Foreword

This document (EN ISO 1797-1:2011) 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 February 2012, and conflicting national standards shall be withdrawn at the latest by February 2012.

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This document supersedes EN ISO 1797-1:1995.

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Endorsement notice

The text of ISO 1797-1:2011 has been approved by CEN as a EN ISO 1797-1:2011 without any modification.

Introduction

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

Dentistry — Shanks for rotary instruments —

Part 1: Shanks made of metals

1 Scope

This International Standard specifies shanks for rotary instruments used in dentistry and gives measurement methods for the verification of dimensions.

2 Normative references

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

ISO 1942, *Dentistry — Vocabulary*

ISO 3274, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Nominal characteristics of contact (stylus) instruments*

ISO 4288, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 8325, *Dentistry — Test methods for rotary instruments*

3 Terms, definitions, symbols and abbreviated terms

3.1 Terms and definitions

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

3.1.1

shank

part of a rotary instrument used in dentistry which is designed to fit into the chuck of a straight or geared dental handpiece, a technical handpiece or a dental turbine

3.2 Symbols and abbreviated terms

Symbols and terms are shown in Figures 1 to 8 with the following key:

d_1 shank diameter;

d_2 diameter in the groove;