

**Pöörlevad hambaraviinstrumendid.
Teemantinstrumendid. Osa 3:
Terasuurused, tähistamine ja
värvuskood**

Dental rotary instruments - Diamond instruments -
Part 3: Grit sizes, designation and colour code

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 7711-3:2005 sisaldab Euroopa standardi EN ISO 7711-3:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.01.2005 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 7711-3:2005 consists of the English text of the European standard EN ISO 7711-3:2004.</p> <p>This document is endorsed on 25.01.2005 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>
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<p>Käsitlusala: This part of ISO 7711 specifies the designation, colour code and grit sizes for diamond rotary instruments which are used commonly in a dental surgery. It applies to all types of dental diamond rotary instruments independent of type and shape.</p>	<p>Scope: This part of ISO 7711 specifies the designation, colour code and grit sizes for diamond rotary instruments which are used commonly in a dental surgery. It applies to all types of dental diamond rotary instruments independent of type and shape.</p>
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Võtmesõnad: hambaraviaparatuur, pöörlevalt lõikavad hambaraviinstrumendid, stomatoloogia, teemantriistad, tehnilised andmed, terasuurus, tähistamine, värvuskoodid

English version

Dentistry

Diamond rotary instruments

Part 3: Grit sizes, designation and colour code

(ISO 7711-3 : 2004)

Art dentaire – Instruments rotatifs
diamantés – Partie 3: Tailles des
grains, désignation et code de couleur
(ISO 7711-3 : 2004)

Zahnheilkunde – Rotierende Diamant-
instrumente – Teil 3: Korngrößen,
Bezeichnung und Farbkennzeichnung
(ISO 7711-3 : 2004)

This European Standard was approved by CEN on 2004-10-14.

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 Management Centre 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 Management Centre 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

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 7711-3 : 2004 Dentistry – Diamond rotary instruments – Part 3: Grit sizes, designation and colour code, which was prepared by ISO/TC 106 'Dentistry' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 55 'Dentistry', the Secretariat of which is held by DIN, 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, and conflicting national standards withdrawn, by May 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 7711-3 : 2004 was approved by CEN as a European Standard without any modification.

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Introduction

The first edition of this part of ISO 7711 was published in 1992. It was the first attempt to group the diamond grit used for dental rotary instruments and to specify a designation and a colour code for the grit size areas. The rapid development of the use of diamond grit for dental instruments and the possibility of refined separation and thus a clearer classification of diamond grit necessitated a revision of this part of ISO 7711.

This revision offers the opportunity to provide abbreviations for the terms used, to align them with similar standards for dental rotary instruments.

1 Scope

This part of ISO 7711 specifies the designation, colour code and grit sizes for diamond rotary instruments which are used commonly in a dental surgery. It applies to all types of dental diamond rotary instruments independent of type and shape.

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

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 6106, *Abrasive products — Checking the grit size of superabrasives*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

macrogrit

grit with grain size distribution which is determined by sieving

3.2

microgrit

grit with grain size distribution which is determined by sedimentation

4 Designation, colour code, grit sizes

4.1 Designation

The designation of the diamond instruments in regard to the fineness of the diamond grit used shall conform with the designation given in Table 1.

4.2 Colour code

The colour code complements the designation. Usage of the colour code is optional, at the discretion of the manufacturer. If colour coding is used, the colours shall be those specified in Table 1.

The location on the diamond instrument where the colour is applied is at the discretion of the manufacturer.