

STANDARD

7711-1

First edition
1997-02-15

Dental rotary instruments — Diamond instruments —

Part 1:

Dimensions, requirements, marking and packaging

*Instruments rotatifs dentaires — Instruments diamantés —
Partie 1: Dimensions, exigences, marquage et emballage*



Reference number
ISO 7711-1:1997(E)

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7711-1 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

This first edition of ISO 7711-1 cancels and replaces the first edition of ISO 7711:1984, which has been technically revised.

ISO 7711 consists of the following parts, under the general title *Dental rotary instruments — Diamond instruments*:

- *Part 1: Dimensions, requirements, marking and packaging*
- *Part 2: Discs*
- *Part 3: Grit sizes, designation and colour code*

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Introduction

This part of ISO 7711 is one of a series of standards relating to dental rotary instruments.

This first edition of ISO 7711-1 contains the updated specifications for diamond instruments given in ISO 7711:1984. It was also aligned in several details with the other International Standards on dental rotary instruments.

The various dimensional and other requirements specified for diamond instruments are those considered important to ensure the interchangeability and safe usage of these instruments in the practice of dentistry.

The nominal diameters of the working part listed in tables 1 to 48 comply with the diameters specified in ISO 2157. The diameters listed in the first column (preferred diameters) should be used in preference.

Attention is drawn to ISO 6360, which specifies a 15-digit number coding system for the identification of dental rotary instruments of all types.