

INTERNATIONAL ISO
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Dental rotary instruments — Laboratory abrasive instruments

Instruments rotatifs dentaires — Instruments abrasifs de laboratoire



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 7786 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

This third edition cancels and replaces the second edition (ISO 7786:1990), which has been technically revised as follows:

- addition of new shape: Spherical;
- truncated conical: Nominal size 031;
- addition of requirement for manufacturer's instructions;
- addition of requirement for marking;
- addition of requirement for labelling.

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Introduction

This International Standard is one of a series of standards relating to dental rotary instruments.

This International Standard contains the specifications for laboratory abrasive instruments. The various dimensional and other requirements specified for laboratory abrasive instruments are those considered important to ensure the interchangeability and safe usage of these grinding instruments in the dental laboratory.

The nominal diameters of the working part listed in Tables 1 to 10 comply with the diameters specified in ISO 2157.

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