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Dental rotary instruments — Bore diameters for discs and wheels

iTeh STANDARD PREVIEW
*Instruments rotatifs dentaires — Diamètres d'alésage des disques et
roues*
(standards.iteh.ai)

ISO 10323:1991

<https://standards.iteh.ai/catalog/standards/sist/730a080a-4d28-4336-a6e6-dc83f311f5fc/iso-10323-1991>



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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 10323 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Sub-Committee SC 4, *Dental instruments*.

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Dental rotary instruments — Bore diameters for discs and wheels

1 Scope

This International Standard specifies bore diameters to achieve interchangeability between discs and wheels as rotary instruments, commonly used by the dentist and in the dental laboratory, and the mandrels with which the discs and wheels are operated in the dental handpiece.

2 Dimensions

The dimensions of bore diameters shall be as given in table 1.

Table 1

Nominal diameter ISO 10323:1991 mm
1,6
1,8
2,2
3

Tolerances for the diameters given in table 1 depend on the types and sizes of the respective rotary instrument. They are therefore specified in the International Standards for the respective instruments.

3 Testing

Measure the bore diameter by using dial indicators, optical comparators, travelling microscopes or tungsten carbide shaft gauges, graduated in divisions of 0,01 mm.

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Descriptors: dentistry, dental equipment, dental rotary-cutting instruments, abrasive discs, wheels, dimensions, dimensional measurements, interchangeability.

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