

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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भारतीय मानक मसौदा  
**दंत चिकित्सा - रोटरी डायमंड उपकरण**  
**भाग 2 डिस्क**

*Draft Indian Standard*  
**Dentistry — Rotary Diamond Instruments**  
**Part 2 Discs**  
**ICS 11.060.20**

Dentistry Sectional Committee, MHD 08

Last date for comments: 13 April 2024

**NATIONAL FOREWORD**

*(Adoption clause will be added later)*

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1797, Dentistry Shanks for rotary and oscillating instruments	IS/ISO 1797 : 2017, Dentistry - Shanks for rotary and oscillating instruments	Identical
ISO 1942, Dentistry — Vocabulary	IS 17895 : 2023/ISO 1942 : 2020, Dentistry Vocabulary	Identical

ISO 6892-1, Metallic materials — Tensile testing — Part 1: Method of test at room temperature	IS 1608 (Part 1) : 2022/ISO 6892-1 : 2019, Metallic materials - Tensile testing - Part 1 : Method of test at room temperature	Identical
ISO 7711-1, Dentistry Diamond rotary instruments Part 1: General requirements	MHD/08/24077, Dentistry Diamond rotary instruments Part 1: General requirements	Identical
ISO 8325, Dentistry — Test methods for rotary instruments	MHD/08/24113, Dentistry Test methods for rotary instruments	Identical

This standard includes modification of cross reference from ISO 1797-1 to ISO 1797. Wherever reference to ISO 1797-1 occurs in the text, ISO 1797 has to be substituted.

This standard also includes modification of cross reference from ISO 7711-3 to ISO 7711-1. Wherever reference to ISO 7711-3 occurs in the text, ISO 7711-1 has to be substituted.

This standard also includes modification of cross reference from ISO 8325:2004 to ISO 8325. Wherever reference to ISO 8325:2004 occurs in the text, ISO 8325 has to be substituted.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

This standard also makes a reference to the BIS Certification Marking of the product. Details of which is given in National Annex A.

**NATIONAL ANNEX A**  
(National Foreword)

**A-1 BIS CERTIFICATION MARKING**

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the product(s) may be marked with the Standard Mark.

**Scope**

This part of ISO 7711 specifies requirements for diamond discs used commonly in the dental laboratory for the cutting of dental materials, such as metals, ceramics, plastics or gypsum.

In addition, this part of ISO 7711 selects five specific shapes with their specific dimensions.

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The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer ISO 7711-2:2011 or kindly contact:

Head  
Medical Equipment and Hospital Planning Department  
Bureau of Indian Standards  
9 Bahadur Shah Zafar Marg  
New Delhi-110002  
Email: [mhd@bis.gov.in](mailto:mhd@bis.gov.in)  
[hmhd@bis.gov.in](mailto:hmhd@bis.gov.in)