

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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भारतीय मानक मसौदा  
**दंत चिकित्सा — ट्रेफिन बर्स**

*Draft Indian Standard*  
**Dentistry — Trepine Burs**

[ICS 11.060.20]

Dentistry Sectional Committee, MHD 08

Last date for comments: **18 July 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 6507-1, Metallic materials — Vickers hardness test — Part 1: Test method	MTD/03/25819, Metallic Materials — Vickers Hardness Test Part 1: Test Method ( <i>Sixth Revision</i> )	Identical

ISO 7153-1, Surgical instruments — Materials — Part 1: Metals	IS/ISO 7153-1 : 2016, Surgical Instruments — Materials Part 1 Metals	Identical
ISO 8325, Dentistry — Test methods for rotary instruments	MHD/08/24113, Dentistry — Test Methods for Rotary Instruments ( <i>Second Revision</i> )	Identical
ISO 16443, Dentistry — Vocabulary for dental implants systems and related procedure	IS 18191 : 2023/ISO 16443:2014, Dentistry - Vocabulary for Dental Implants Systems and Related Procedure	Identical
ISO 17664-1, Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 1: Critical and semi-critical medical devices	MHD/12/20835, Processing of Health Care Products — Information to be Provided by the Medical Device Manufacturer for the Processing of Medical Devices Part 1 Critical and Semi-Critical Medical Devices	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

*International Standard      Title*

ISO 13504	Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment
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This standard 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.

This standard also includes modification of cross reference from ISO 17664 to ISO 17664-1. Wherever reference to ISO 17664 occurs in the text, ISO 17664-1 has to be substituted.

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

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*)’.

**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 document specifies requirements and their test methods for trephine burs used in dentistry especially for oral implantology procedures such as collecting bone and/or removing an implant. It also specifies requirements for their marking and labelling.

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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 to ISO 20569:2018 or kindly contact:

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