

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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*भारतीय मानक मसौदा*  
**दंत चिकित्सा — प्रयोगशाला कटर**  
**भाग 3 मिलिंग मशीनों के लिए कार्बाइड कटर**

*Draft Indian Standard*  
**Dentistry — Laboratory Cutters**  
**Part 3 Carbide Cutters for Milling Machines**

[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 1797:2017, 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 2157, Dentistry - Nominal diameters and designation code numbers for rotary instruments IS/ISO 2157 : 2016, Dentistry - Identical Nominal Diameters and Designation Code Numbers for Rotary Instruments (*First Revision*)

ISO 8325, Dentistry — Test methods for rotary instruments MHD/08/24113, Dentistry — Test Methods for Rotary Instruments (*Second Revision*) Identical

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 dimensional and other requirements for the three most commonly used carbide cutters for milling machines which are predominantly used in the dental laboratory.

Other characteristics of laboratory cutters (for example, spiralled blades or cross-cut) are not covered by this document.

Cutters intended for use with CAD/CAM systems are excluded from the scope of this document.

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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 7787-3:2017 or kindly contact:

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