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Dentistry - Tissue punches (ISO 23445:2021)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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**Dentistry - Tissue punches (ISO 23445:2021)**Médecine bucco-dentaire - Bistouris circulaires (ISO  
23445:2021)

Zahnheilkunde - Gewebestanzen (ISO 23445:2021)

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**EN ISO 23445:2021 (E)**

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## **European foreword**

This document (EN ISO 23445:2021) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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STANDARD**

**ISO  
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**Dentistry — Tissue punches**

*Médecine bucco-dentaire — Bistouris circulaires*



Reference number  
ISO 23445:2021(E)

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**ISO 23445:2021(E)****Foreword**

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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## **Introduction**

Tissue punches are dental implant instruments used in conjunction with angled dental handpieces for surgical dental implant procedures such as cutting holes or notches in and removing of gingival tissue.

# Dentistry — Tissue punches

## 1 Scope

This document specifies requirements and their test methods for tissue punches used with a handpiece in dentistry especially for oral surgical implant procedures, such as cutting holes or notches in and removing of gingival tissue. It also specifies the requirements for their marking and labelling.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1797, *Dentistry — Shanks for rotary and oscillating instruments*

ISO 1942, *Dentistry — Vocabulary*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method*

ISO 8325:2004, *Dentistry — Test methods for rotary instruments*

ISO 13504, *Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment*

ISO 16443, *Dentistry — Vocabulary for dental implants systems and related procedure*

ISO 17664, *Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices*

ISO 21850-1, *Dentistry — Materials for dental instruments — Part 1: Stainless steel*

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