
Dentistry — Spoons and bone curettes

Médecine bucco-dentaire — Cuillères et curettes à os

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 22570:2020](https://standards.iteh.ai/catalog/standards/iso/956c1502-5c5c-43a5-9abe-e2afd0a36684/iso-22570-2020)

<https://standards.iteh.ai/catalog/standards/iso/956c1502-5c5c-43a5-9abe-e2afd0a36684/iso-22570-2020>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 22570:2020

<https://standards.iteh.ai/catalog/standards/iso/956c1502-5c5c-43a5-9abe-e2afd0a36684/iso-22570-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	2
5 Requirements	2
5.1 Dimensions	2
5.2 Materials	4
5.3 Handle	4
5.4 Working end	4
5.5 Surface finish	5
5.6 Resistance to reprocessing	5
6 Measurement and test methods	5
6.1 Visual inspection	5
6.2 Dimensions	5
6.3 Resistance to reprocessing	5
7 Marking, labelling and instructions for use	5
7.1 Marking on the instrument	5
7.2 Labelling on the package	6
7.3 Instructions for use	6
Bibliography	7

Document Preview

<https://standards.iteh.ai>

<https://standards.iteh.ai/catalog/standards/iso/956c1502-5c5c-43a5-9abe-e2afd0a36684/iso-22570-2020>

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.

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

<https://standards.iteh.ai/catalog/standards/iso/956c1502-5c5c-43a5-9abe-e2afd0a36684/iso-22570-2020>

Dentistry — Spoons and bone curettes

1 Scope

This document specifies requirements and test methods for spoons and bone curettes used in dentistry for oral surgical procedures.

It specifies shapes and dimensions as well as information for marking.

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 1101, *Geometrical product specifications (GPS) — Geometrical tolerancing — Tolerances of form, orientation, location and run-out*

ISO 1942, *Dentistry — Vocabulary*

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

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

ISO 7153-1, *Surgical instruments — Materials — Part 1: Metals*

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

ISO 15223-1:2016, *Medical devices — Symbols to be used with medical device labels, labelling and information to be supplied — Part 1: General requirements*

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*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942, ISO 13504 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

spoons and bone curettes

hand-guided dental instruments for removing pathologically changed hard and soft tissue in the area of the jawbones

3.2

sharp spoon according to Hemingway

special instrument design of a sharp double-ended spoon having an oval shape of the working end where the spoons have a lateral inverse orientation of 180°

Note 1 to entry: Sharp spoons are used for revision of tooth alveoli and for smoothing of sharp bone parts after extraction of tooth.

3.3

bone curette according to Lucas

special instrument design of a sharp double-ended bone curette having a pear-shaped working end where the working ends have a lateral inverse orientation of 180°

4 Classification

Spoons and bone curettes are classified into the following types according to the width of the working end:

- Type 1: small; S
- Type 2: medium; M
- Type 3: large; L
- Type 4: extra-large; XL

5 Requirements

5.1 Dimensions

The maximum overall length of spoons and bone curettes shall be 173 mm.

The general design of spoons and bone curettes is left to the manufacturer unless a specific design is described in this document.

Spoons and bone curette can consist of one part or also from three parts (two inserts and a handle).

Spoons according to Hemingway shall have the dimensions given in [Figure 1](#) and [Table 1](#). The minimum dimension from the tip of the spoon to the first bend shall be 17 mm.

Bone curettes according to Lucas shall have the dimensions given in [Figure 2](#) and [Table 2](#).

Dimensions without tolerances shall be in accordance with ISO 2768-1. Tolerances of form, orientation and location shall be in accordance with ISO 1101, if not specified otherwise in this document.