
**Dentistry — Periodontal curettes,
dental scalers and excavators —**

**Part 5:
Jacquette scalers**

*Médecine bucco-dentaire — Curettes parodontales, instruments pour
détartrage et excavateurs —*

Partie 5: Détartrage de Jacquette



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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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental equipment*.

ISO 13397 consists of the following parts, under the general title *Dentistry — Periodontal curettes, dental scalers and excavators*:

- *Part 1: General requirements*
- *Part 2: Periodontal curettes of Gr-type*
- *Part 3: Dental scalers — H-type*
- *Part 4: Dental excavators — Discoid-type*
- *Part 5: Jacquette scalers*

It is anticipated that additional types of instruments will form the subject of future parts.

Dentistry — Periodontal curettes, dental scalers and excavators —

Part 5: Jacquette scalers

1 Scope

This part of ISO 13397 specifies the designs and dimensions for Jacquette scalers.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1942, *Dentistry — Vocabulary*

ISO 13397-1:1995, *Periodontal curettes, dental scalers and excavators — Part 1: General requirements*

3 Terms and definitions

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

3.1

Jacquette scaler

straight-bladed scaler with two cutting edges that end in a sharp point used for the removal of supragingival and/or interproximal deposits

3.2

shank

part of the scaler connecting the working end to the handle

3.3

functional shank

shank used to correctly position the working end

3.4

terminal shank

shank that extends between the blade and the first bend

4 Symbols

For the purposes of this part of ISO 13397, the following symbols apply.

b_1 blade width

b_2 blade thickness

b_3 blade length

l length to first bend

α	blade angle
β	offset angle
δ	terminal shank angle
φ	secondary shank angle
θ	secondary shank offset angle

5 Design and dimensions

5.1 General

The general requirements for Jacquette scalers shall be as specified in ISO 13397-1.

Jacquette scalers shall have the designs shown in [Figure 1](#) and the dimensions as given in [Table 1](#). The points of measurement associated with the dimensions are listed in [Table 2](#).

ISO 13397-1:1995, Annex A, provides more details of one method of measurement applicable to most types of dental hand instrument.

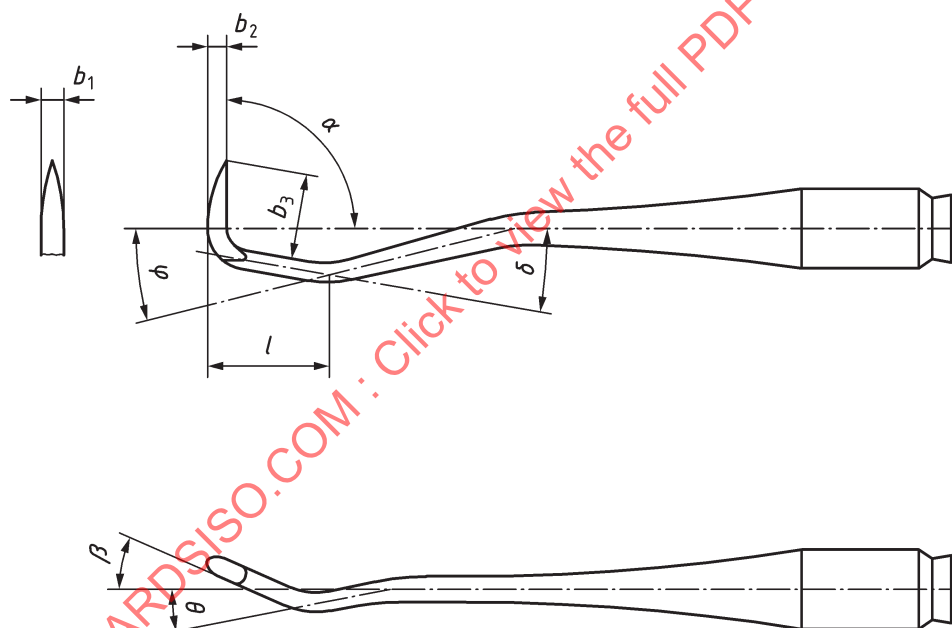


Figure 1 — Jacquette scaler

5.2 Overall length

The overall length of Jacquette scalers, irrespective of the design of the instrument, shall be ≤ 178 mm.

For single-side instrument, the length size shall be 150 mm.