
**Dentistry — Extraction forceps —
Part 3:
Design**

*Médecine bucco-dentaire — Daviers —
Partie 3: Conception*

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Published in Switzerland

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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. 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 instruments*.

ISO 9173 consists of the following parts, under the general title *Dentistry — Extraction forceps*:

- *Part 1: General requirements and test methods*
- *Part 2: Designation*
- *Part 3: Design*

Dentistry — Extraction forceps —

Part 3: Design

1 Scope

This part of ISO 9173 specifies the design for extraction forceps used in dentistry.

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 9173-1, *Dentistry — Extraction forceps — Part 1: General requirements and test methods*

ISO 9173-2, *Dentistry — Extraction forceps — Part 2: Designation*

3 Terms, definitions and symbols

For the purposes of this document, the terms and definitions given in ISO 1942, ISO 9173-1, ISO 9173-2 and the following terms, definitions and symbols apply.

3.1 Terms and definitions

3.1.1 beak

<extraction forceps> functional working end of forceps which contacts the teeth

3.1.2 joint

<extraction forceps> connection point for first and second handles which are pivotally connected

3.1.3 handle

<extraction forceps> part which is held in the hand

3.2 Symbols

b_1	beak thickness
b_2	crown space width
b_3	beak separation
b_4	beak width (combined)
h_1	beak offset 1
h_2	beak offset 2

- l_1 overall forceps length
- l_2 overall beak length
- l_3 working length of beak

The dimensions are shown in [Figure 1](#). The indication of measurement points with forceps closed is presented in [Table 1](#).

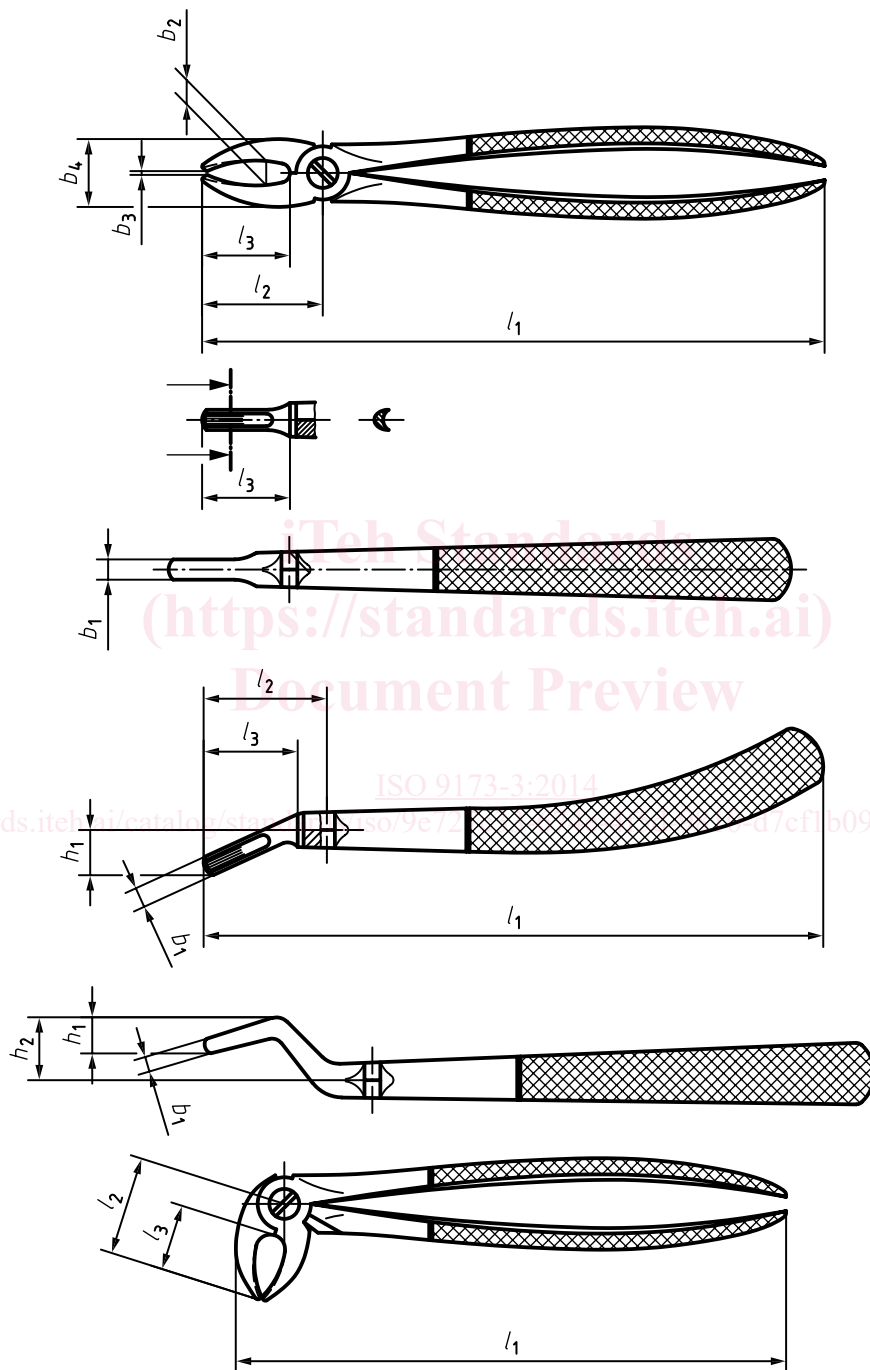


Figure 1 — Extraction forceps dimensions