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मानक



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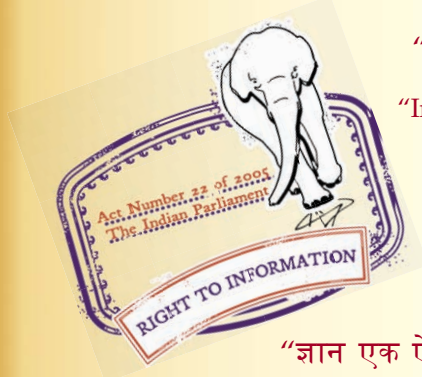
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IS 11545 (1992): Surgical instruments - Haemostatic, forceps, Adson's pattern - Shape and dimensions [MHD 1: Surgical Instruments]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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भारतीय मानक

शल्यकं उपकरण — एडसन नमूने की रक्तस्तम्भक

चिमटियाँ — आकृति एवं आयाम

(पहला पुनरीक्षण)

Indian Standard

**SURGICAL INSTRUMENTS — HAEMOSTATIC
FORCEPS, ADSON'S PATTERN — SHAPE
AND DIMENSIONS**

(First Revision)

UDC 615·472·4

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Surgical Instruments Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1986. It has been revised so as to retain the requirements in respect of shape and dimensions only, as the common specification aspects for these types of forceps are covered in IS 3642 (Part 1) : 1990 'Surgical Instruments — Specification : Part 1 Non-cutting, articulated instruments (*second revision*)' which would serve as a horizontal standard for these forceps. Accordingly, this standard takes the form of a vertical standard and is intended to be used in conjunction with IS 3642 (Part 1) : 1990.

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 : 1960 'Rules for rounding off numerical values (*revised*).' The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

SURGICAL INSTRUMENTS — HAEMOSTATIC FORCEPS, ADSON'S PATTERN — SHAPE AND DIMENSIONS

(*First Revision*)

1 SCOPE

1.1 This Indian Standard specifies the shape and dimensions for Adson's pattern haemostatic forceps used in general surgery.

2 REFERENCES

2.1 The Indian Standard IS 3642 (Part 1) : 1990 'Surgical Instruments — Specification : Part 1 Non-cutting, articulated instruments (*second revision*)' forms a necessary adjunct to this standard.

3 SHAPE AND DIMENSIONS

3.1 The shape and dimensions of the Adson's pattern haemostatic forceps shall be as shown in Fig. 1. The forceps may have straight jaws as ordered by the purchaser.

3.2 Joint

The joint of the forceps shall be either box type

or screw recessed type and shall conform to 13.2.2 of IS 3642 (Part 1) : 1990.

3.3 Serrations

The serrations shall be transverse type, conforming to Section 2 of IS 3642 (Part 1) : 1990.

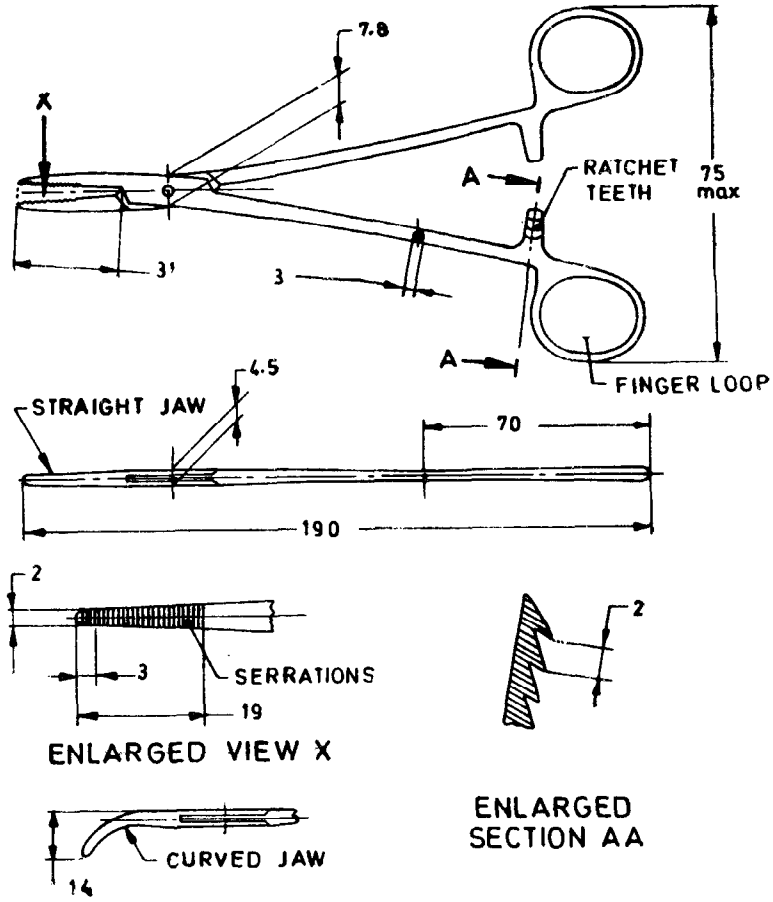
3.4 Ratchet Teeth

3.4.1 The Ratchet teeth shall be of combination 3 in 3 or 3 in 4 and shall conform to the requirements of Section 4 of IS 3642 (Part 1) : 1990.

3.4.2 The load required to close the forceps at the first ratchet engagement [*see* 14.2 of IS 3642 (Part 1) : 1990] shall be from 7 N to 12 N.

3.5 Finger Loops

The finger loops shall conform to Size No. 2, Section 6 of IS 3642 (Part 1) : 1990.



All dimensions in millimetres.

FIG. 1 FORCEPS, HAEMOSTATIC, ADSON'S PATTERN

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