

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
सक्शन प्रकार का गर्भाशय क्यूरेट – विशिष्टि
(IS 6111: 1971 का पहला पुनरीक्षण)

Draft Indian Standard

SUCTION TYPE UTERINE CURETTE – SPECIFICATION

(First Revision of IS 6111: 1971)

ICS 11.040.30

Obstetric and Gynaecological Instruments
and Appliances Sectional Committee, MHD 03

Last date for comments: 01 May, 2024

FOREWORD

(Formal clause will be added later)

This standard was originally published in 1971. The first revision of this standard has been brought out to align the standard with the latest style and format of Indian Standards. This revision incorporates Amendment No. 1 issued in 1980.

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 or analysis shall be rounded off in accordance with IS 2: 2022 'Rules for Rounding Off Numerical Values (*second revision*)'. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

1 SCOPE

This standard covers the requirement of two sizes of blunt uterine curette (suction type).

2 REFERENCES

The standards given below contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of these standards.

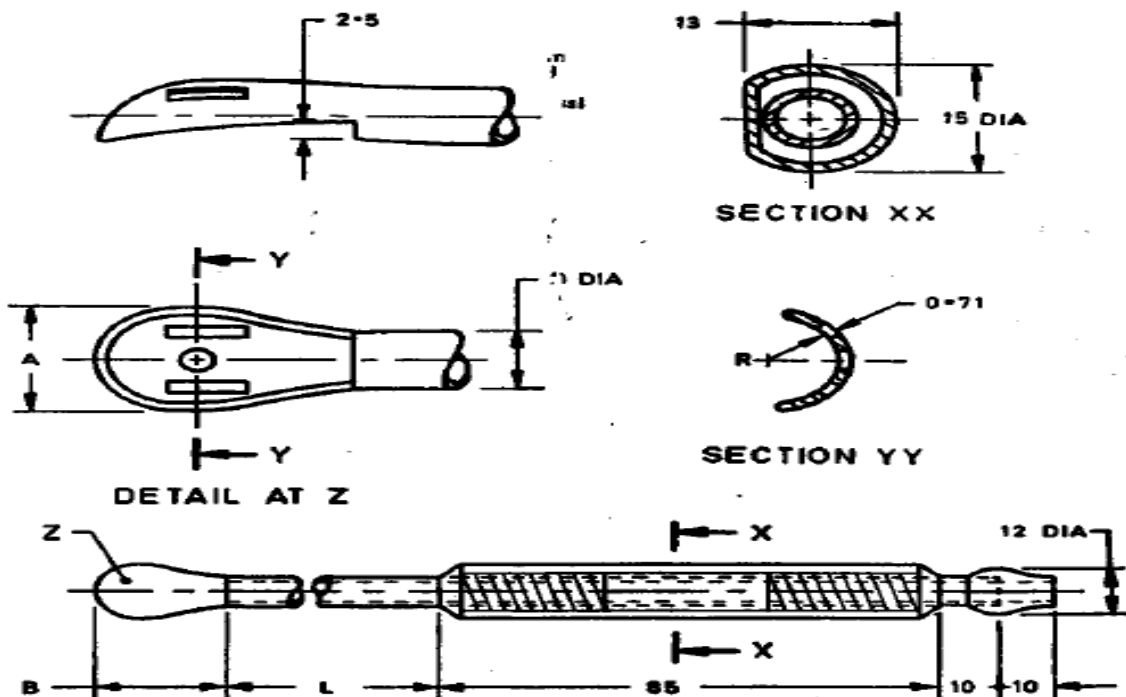
<i>IS No.</i>	<i>Title</i>
IS 1570 (Part 5): 1985	Schedules for wrought steels Part 5 Stainless and heat-resisting steels (<i>second revision</i>)
IS 1068: 1993	Electroplated coatings of nickel plus chromium and copper plus nickel plus chromium – Specification (<i>third revision</i>)
IS 7531: 1990	Surgical instruments - Corrosion resistance of stainless steel surgical instruments - Methods of tests (<i>first revision</i>)

3 MATERIAL

The material shall be stainless steel conforming to designation X22Cr13 or X30Cr13 as per IS 1570 (Part 5) or brass (with minimum of 60 percent copper).

4 SHAPE AND DIMENSIONS

The shape & dimensions shall be as shown in Fig. 1.



<i>Size</i>	<i>L</i>	<i>A</i>	<i>B</i>	<i>R</i>	<i>D DIA</i>
A	150	14.0	22	14.0	8.0
B	130	8.0	17	8.0	5.0

All dimensions in millimetres.

FIG. 1 CURETTE, UTERINE (SUCTION TYPE)

5 WORKMANSHIP AND FINISH

- 5.1 The surface of the curette shall be free from pits, dents, burrs, scales, end other defects.
- 5.2 All edges shall be smooth and rounded off.
- 5.3 The fenestration on the spoon shall be neatly cut.
- 5.4 The working edge of the spoon shall be blunt.
- 5.5 The brazing and soldering shall be neat and soul and joints shall be finished smooth.
- 5.6 The edges of the flat surface of the handle shall not be sharp. The flat surface shall have suitable serrations to provide a good grip.
- 5.7 The curette made of brass shall be plated chromium over nickel conforming to Service Condition No. 2 of IS 1068.
- 5.8 If made of stainless steel, the curette shall be passivated and polished bright.

6 HEAT TREATEMENT

The instrument, if made of stainless steel, shall be hardened and tempered to 380 to 420 HV.

7 TESTS

7.1 Clamp the curette in a vice at the middle of the shaft to long axis. Apply a force of 40 N gradually from the working end at a distance of 15 mm from the tip. On completion of the test, the curette shall show no sign of damage.

7.2 Corrosion Resistance Test

Test the sample in accordance with IS 7531. The sample shall show no sign of corrosion after the test.

8 MARKING

8.1 The product shall be legibly and indelibly marked with the following:

- a) Manufacturer's name, initials or registered trade-mark;
- b) Country of manufacture; and
- c) The words 'Stainless Steel' or the letters 'SS'

8.2 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed there under, and the product(s) may be marked with the Standard Mark.

9 PACKING

The cures shall be wrapped in moisture-proof paper or packed in polyethylene bags avoiding contact with one another.