Doc: MHD 03(26029) WC
June 2024

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

सक्शन प्रकार का एंडोमेट्रियल बायोप्सी क्यूरेट – विशिष्टि

(IS 6510 का पहला पुनरीक्षण)

Draft Indian Standard

Suction Type Endometrial Biopsy Curette – Specification

(First Revision of IS 6510)

ICS 11.040.30

Obstetric and Gynaecological Instruments and Appliances Sectional Committee, MHD 03

Last date for comments: **27 July 2024**

FOREWORD

(Formal clauses 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. Also, cross-references to Indian Standards have been updated.

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 (s*econd 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

The standard specifies dimensional and other requirements for suction type endometrial biopsy curette.

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.

IS No.	***Title***
IS 1570 (Part 5): 1985	Schedules for wrought steels Part 5 Stainless and heat-resisting steels (*second revision*)
IS 407: 1981	Specification for brass tubes for general purposes (*third revision*)
IS 319: 2007	Free cutting brass bars, rods and section – Specification (*fifth revision*)
IS 1068: 1993	Electroplated coatings of nickel plus chromium and copper plus nickel plus chromium – Specification (*third revision*)
IS/ISO 80369-7: 2016	Small-Bore connectors for liquids and gases in Healthcare Applications Part 7 Connectors for Intravascular or Hypodermic Applications
IS 7531: 1990	Surgical instruments – Corrosion resistance of stainless-steel surgical instruments - Methods of tests *(first revision)*

3 MATERIAL

3.1 Cannula

The cannula shall be seamless drawn tube having 0.50 mm wall thickness, made of stainless-steel conforming to designation X04Cr19Ni9 or X04Cr17Ni12Mo2 as per IS 1570, or brass tube having 0.5 mm wall thickness, conforming to IS 407.

3.2 Hub

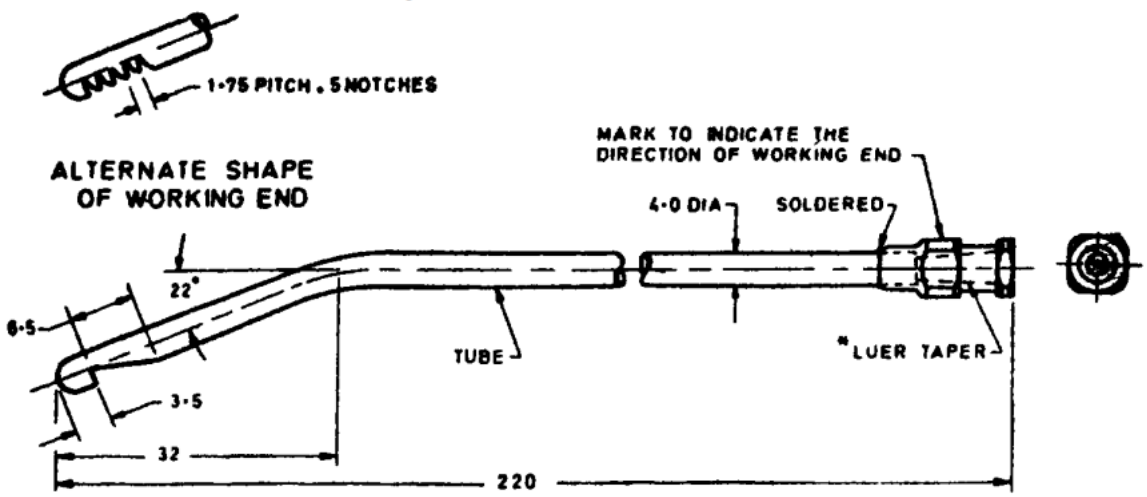
Hub shall be free cutting brass rod or bar, conforming to IS 319.

3.3 Stilette

Stilette shall be hard-drawn brass wire or stainless-steel wire.

4 SHAPE AND DIMENSIONS

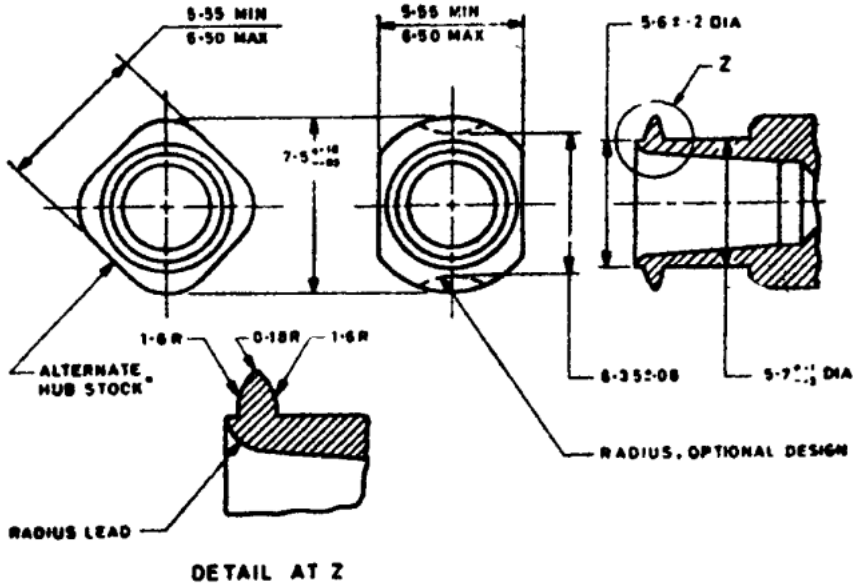
The shape & dimensions of curette shall be as shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 SPECULUM, VAGINAL. DOUBLE ENDED (SIM'S PATTERN)

4.2 Luer lock hole shall conform to Fig. 2.



All dimensions in millimetres.

FIG. 2 LUER LOCK HULE

5 WORKMANSHIP AND FINISH

5.1 The surfaces of the curette shall be free from pits, dents, burrs, scales and other defects.

5.2 Stilette, supplied one for each curette, shall be smooth, bright and free from kinks and shall slide smoothly into the cannula.

5.3 The notch(es) shell be well formed and sharp.

5.4 The closed tip of the working end shall be hemispherical.

5.5 The soldering shall be neat and sound.

5.6 The stainless steel cennule shall be passivated and polished bright.

5.7 The brass parts shall be plated chromium over nickel and the plating shall conform to Service Condition No. 2 of IS 1068.

6. CONICAL FITTING

The conical fitting shall be of Luer type in accordance with IS/ISO 80369-7.

7 TESTS

7.1 Clamp the curette in a vice at the middle of the straight portion with its axis horizontal and working and inclining upwards and in a vertical plane. Suspend a load of 20 N gradually on the working end. On completion of the test the curette shall show no sign of damage.

7.2 Corrosion Resistance Test (for Stainless Steel only)

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

7 MARKING

7.1 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’

7.2 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.

8 PACKING

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