

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

संदंश, निवारण, एएससीएचएस के पैटर्न के लिए विशिष्टि

(IS 8315 का पहला पुनरीक्षण)

Draft Indian Standard

Specification for Forceps, Redressing, ASCH's Pattern

(First Revision of IS 8315)

[ICS 11.040.30]

Ear, Nose and Throat Surgery Instruments
Sectional Committee, MHD 04

Last date for comments: **22 July, 2024**

FOREWORD

(Formal clause will be added later)

This standard was originally published in 1977. The first revision of this standard has been brought out to align it with the recent developments and to bring the standard in line with the latest style and format of Indian Standards.

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.

Indian Standard

SPECIFICATION FOR FORCEPS, REDRESSING, ASCH'S PATTERN

1 SCOPE

Dimensional and other requirements for Asch's pattern redressing forceps used in ENT surgery.

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 6603 : 2024	Stainless Steel Semi-Finished Products, Bars, Wire Rods and Bright Bars Specification (Second Revision)
IS 7531 : 1990	Surgical instruments - Corrosion resistance of stainless steel surgical instruments - Methods of tests (First Revision)

3 SHAPE AND DIMENSIONS

As shown in Fig. 1.

3.1 A deviation of ± 2.5 percent shall be allowed on all dimensions:

4 MATERIAL

Stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS: 6603.

5 WORKMANSHIP AND FINISH

5.1 The forceps shall be free from cracks, seams, burrs, flaws and other surface defects.

5.2 All the surfaces shall be finished smooth.

5.3 The forceps shall be symmetrical and of balanced construction and both arms shall match.

5.4 The arms shall open and close smoothly without any friction or undue resistance or play at joint.

5.5 The forceps shall be passivated and finished dull.

6 HEAT TREATMENT

Forceps shall be uniformly hardened and tempered to give a hardness of 400 to 450 HV.

7 TESTS

7.1 Corrosion Resistance - Test the forceps for corrosion in accordance with IS : 7531 The forceps including the joints shall show no sign of corrosion.

8 Marking

Each forceps shall be legibly and indelibly marked with the manufacturer's name, Initials or registered trademark, and the country of manufacture.

9 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 thereunder, and the product(s) may be marked with the Standard Mark.

10 PACKING

The forceps shall be put either in polyethylene bag or wrapped in wax paper and shall then be packed in individual carton in accordance with current trade practice. Be packed as agreed to between the purchaser and the supplier. On the package of the product batch Number, Lot Number, and Serial Number shall be mentioned.