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*भारतीय मानक मसौदा*

**डिप्रेसर, जीभ, लैक के पैटर्न के लिए विशिष्टि**

*(IS 7756 का पहला पुनरीक्षण)*

*Draft Indian Standard*

**Specification For Depressor, Tongue, Lack's Pattern**

*(First Revision of IS 7756)*

[ICS 11.040.30]

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Ear, Nose, Throat, Head & Neck Surgery  
Instruments Sectional Committee, MHD 04

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

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FOREWORD

*(Formal clause will be added later)*

This standard was originally published in 1975. The First revision of this standard has been brought out to align it with 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 DEPRESSOR, TONGUE, LACK'S PATTERN

## 1 SCOPE

Cover dimensional and other requirements for Lack's pattern' tongue depressor.

## 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 7531 : 1990	Surgical instruments - Corrosion resistance of stainless steel surgical instruments - Methods of tests (First Revision)
IS 6911 : 2017	Stainless steel plate, sheet and strip - Specification (Second Revision)

## 3 SHAPE AND DIMENSIONS

As shown in Fig. 1.

3.1 Deviation of  $\pm 25$  percent shall be allowed on all dimensions

## 4 MATERIAL

Stainless steel sheet conforming to Designation 04Cr18Ni9 or 07Cr18Ni9 of IS: 6911.

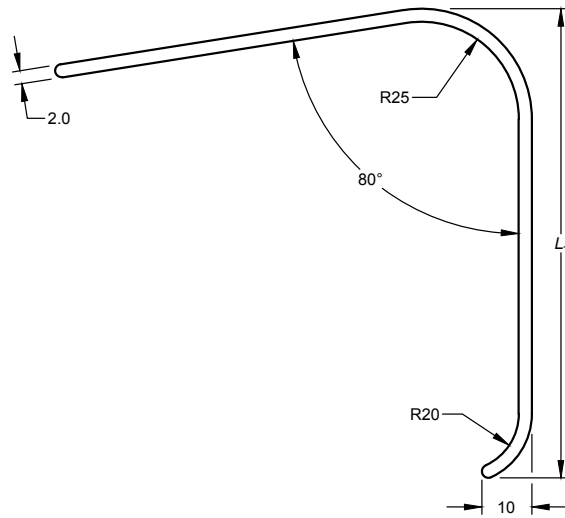
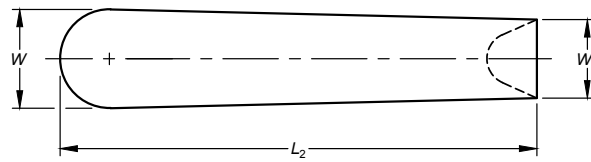
## 5 WORKMANSHIP AND FINISH

5.1 The depressor shall be of one piece and shall be free from burrs, pits, cracks and other surface flaws.

5.2 The edges of the depressor shall be even, rounded and shall not be sharp.

5.3 The depressor shall be polished bright and passivated.

5.4 The thickness of the depressor shall be uniform throughout.



All dimensions in millimetres.

FIG. 1 DEPRESSOR, TONGUE, LACK'S PATTERN

## 6 TESTS

**6.1 Flexibility** - Grip the whole length of the straight limb of the depressor in a vice. Apply a force to the free end of the depressor to deflect it by an amount shown in Fig. 1. The depressor shall not have acquired any new permanent set. The blade shall show no sign of damage after test.

**6.2 Proof Load**- Grip the depressor firmly in a vice close to the large blade, with the blade protruding and facing upwards. Suspend gradually a load of 180 N (18 kgf approximately) from the tip of the blade for 2 minutes. Similarly carry out the test on the small blade using a load of 100 N (10 kgf approximately). After the test, the depressor shall show no sign of damage.

**6.3 Corrosion Resistance** - The depressor shall show no sign of corrosion when tested in accordance with IS: 7531.

## 7 Marking

Each depressor shall be marked with the manufacturer's name, initials or recognized trademark and the country of manufacture.

## 8 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.

## 9 PACKING

The depressor shall be wrapped in moisture-proof paper or packed in polyethylene bags. The depressor may also 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.