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भारतीय मानक मसौदा
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(IS 7819 का पहला पुनरीक्षण)

Draft Indian Standard

Nylon-Headed Orthopaedic Mallet – Specification

(First Revision of IS 7819)

ICS 11.040.40

Orthopaedic Instruments, Implants and
Accessories Sectional Committee, MHD 02

Last date for comments: **18 August 2023**

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 the cross references to latest 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.

1 SCOPE

This standard covers dimensional and other requirement for nylon-headed mallet used in orthopaedic 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: 2001	Stainless steel bars and flats – Specification (<i>first revision</i>)

3 MATERIAL

3.1 Handle

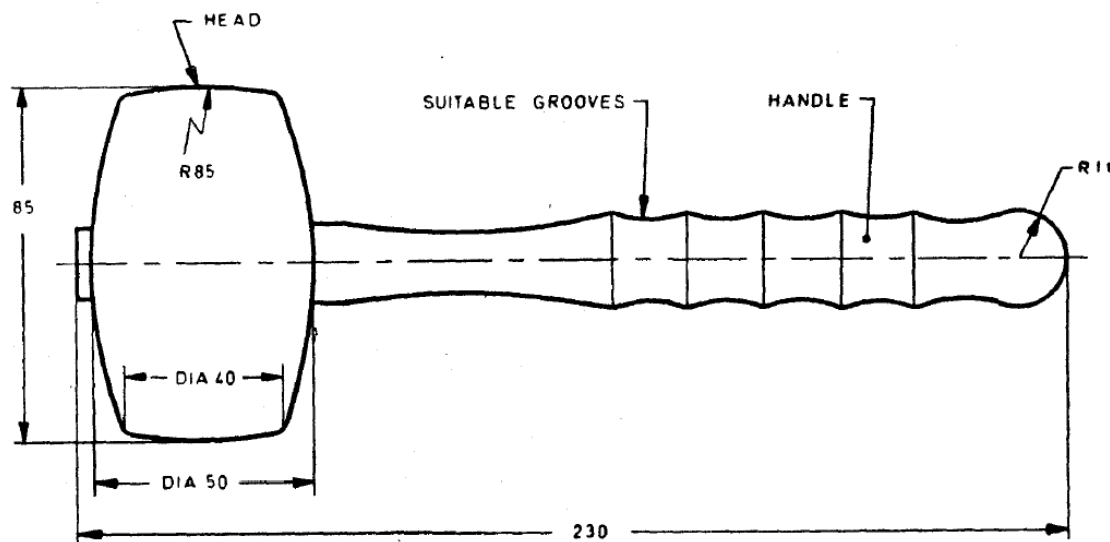
The handle shall be made from Stainless steel of Designation X20Cr13, X30Cr13, X04Cr18Ni10 or X07Cr18Ni9 of IS 6603.

3.2 Head

The head of mallet shall be made of nylon.

4 SHAPE AND DIMENSIONS

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



All dimensions in millimetres

Fig. 1 Mallet, Nylon Headed, Orthopaedic

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

5 WORKMANSHIP AND FINISH

5.1 The handle of the mallet shall be well shaped and free from cracks, seams, burrs and other surface defects.

5.2 The fitting between head and the handle shall be sound.

6 TEST

6.1 Performance Test

The mallet shall be made to strike on a cemented floor or the wooden block for 20 times manually. The head of the mallet shall not become loose or damaged after the test.

7 MARKING

7.1 Each mallet shall be clearly and indelibly marked with the manufacturer's name, initials or registered trade-mark.

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

8 PACKING

As agreed to between the purchaser and the supplier.