

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
गिगली सॉ हैंडल – विशिष्टि
(IS 8332 का पहला पुनरीक्षण)

Draft Indian Standard
Gigli Saw Handle – Specification
(First Revision of IS 8332)

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 1977. 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 specifies the dimensional and other requirements for Gigli saw handle used with Gigli saw wire.

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.

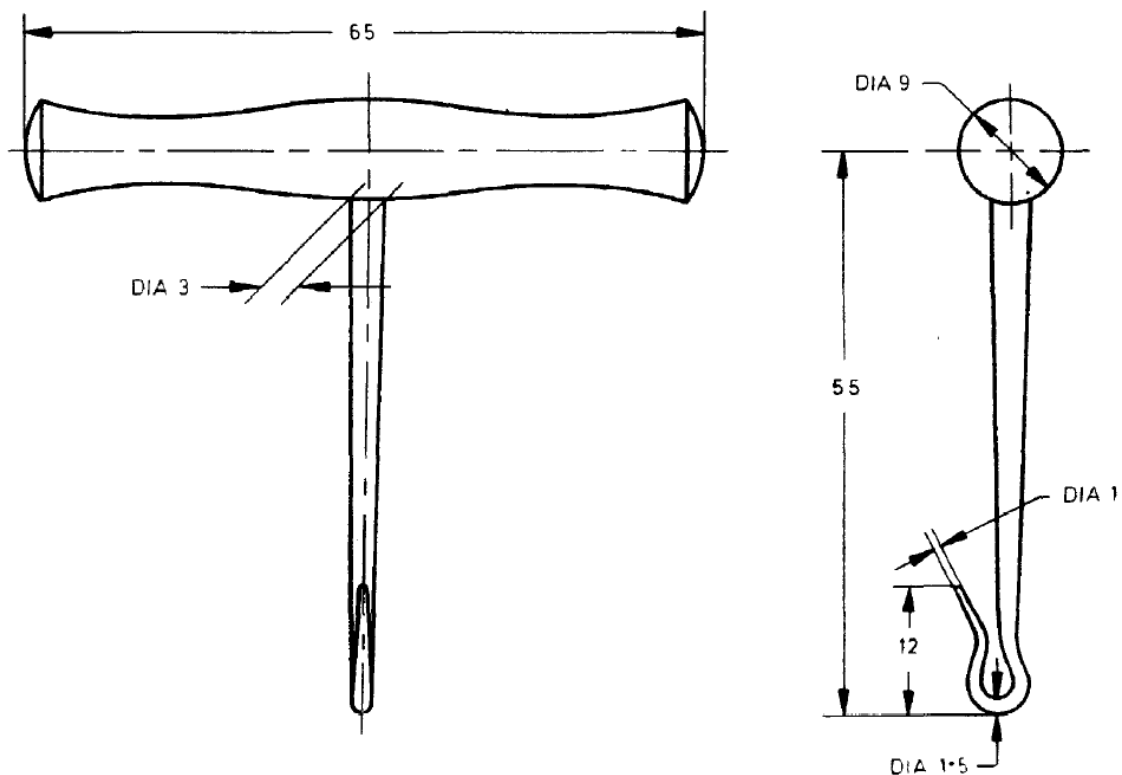
<i>IS No.</i>	<i>Title</i>
IS 6603: 2001	Stainless steel bars and flats – Specification (<i>first revision</i>)
IS 7531: 1990	Surgical instruments – Corrosion resistance of stainless-steel surgical instruments – Methods of tests (<i>first revision</i>)

3 MATERIAL

Stainless steel conforming to designation X30Cr13 of IS 6603.

4 SHAPE AND DIMENSIONS

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



All dimensions in millimetre

Fig. 1 GIGLI SAW HANDLE

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

5 HEAT TREATMENT

The saw handle shall be hardened and tempered to give a hardness of 450 to 500 HV.

6 WORKMANSHIP AND FINISH

6.1 The saw handle shall be free from sharp edges, burrs, pits, cracks, scales and other surface defects.

6.2 The hook portion shall be properly rounded and symmetrical.

6.3 The handle shall be polished bright and passivated.

7 TESTS

7.1 Performance

Grip the handle in a suitable vice. Apply a force of 200 N to the hook portion vertically downward. The hook shall not take a permanent set.

7.2 Corrosion Resistance

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

8 MARKING

8.1 Each handle shall be marked with the manufacturer's name, initials or registered trademark and with the words 'Stainless Steel'.

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

9 PACKING

As agreed to between the purchaser and the supplier.