

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

*Not to be reproduced without permission of BIS or used as Standard*

**Doc: PGD 34 (26362)WC**

**August 2024**

---

*भारतीय मानक मसौदा*

**प्लास और चिमटियाँ — बहु स्लिप ज्वाइंट**

**प्लास— आयाम और परीक्षण मान**

*(IS 6118 का तीसरा पुनरीक्षण)*

*Draft Indian Standard*

**Pliers and nippers — Multiple slip joint**

**pliers — Dimensions and test values**

*( Third Revision of IS 6118 )*

ICS 25.140.30

---

Hand Tools Sectional Committee, PGD 34

Last Date for Comments: 25-09-2024

---

**NATIONAL FOREWORD**

This Indian Standard (Third Revision) which is identical with ISO 8976 : 2021 ‘Pliers and nippers — Multiple slip joint pliers — Dimensions and test values’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on the recommendation of the Hand Tools Sectional Committee and approval of the Production and General Engineering Division Council.

This standard was first published in 1971 and was subsequently revised in 1992 and 2017. This third revision has been brought out to align it with ISO 8976 : 2021.

This Standard specifies the principal dimensions of multiple slip joint pliers. It also specifies test values for the pliers to verify their ability to function in conformity with ISO 5744. The general technical requirements of pliers and nippers are given in ISO 5743.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminology and conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, references appear to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 5742 Pliers and nippers — Nomenclature	IS 11526 : 2013/ISO 5742 : 2004 Pliers and Nippers — Nomenclature ( <i>first revision</i> )	Identical
ISO 5743 Pliers and nippers — General technical requirements	IS 2615 (Part 1) : 2023 Pliers and Nippers — General Technical Requirements ( <i>third revision</i> )	Modified
ISO 5744 : 2004 Pliers and nippers — Methods of test	IS 2615 (Part 2) : 2023 Pliers and Nippers — Method of Test ( <i>third revision</i> )	Modified

This standard also makes reference to the BIS Certification Marking. Details of which are given in National Annex A.

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*)’.

## **NATIONAL ANNEX A**

*(National Foreword)*

### **A-1 BIS CERTIFICATION MARKING**

The product may also be marked with the Standard Mark.

**A-1.1** The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which the license for use of Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

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 products may be marked with the standard mark.

**NOTE:** The technical content of draft standard is not available on website. For details, please refer to ISO 8976 : 2021 or contact:

**Head**  
**Production and General Engineering Department**  
**Bureau of Indian Standards**  
**9 Bahadur Shah Zafar Marg New Delhi-110002**  
**Email: [pgd@bis.org.in](mailto:pgd@bis.org.in)**  
**Telefax:011-23234819**