

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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

Doc.: PGD 04 (25772) WC

July 2024

भारतीय मानक मसौदा

दबाने के लिए उपकरण — इलास्टोमेर दबाव स्प्रिंग्स

भाग 1: सामान्य विशिष्टि

Draft Indian Standard

Tools for pressing — Elastomer pressure springs

Part 1: General specification

ICS 25.120.10

Metal Forming Machines Sectional Committee,
PGD 04

Last Date for Comments: **03-08-2024**

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 10069-1 : 2008 ‘Tools for pressing — Elastomer pressure springs Part 1: General specification’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on the recommendation of the Metal Forming Machines Sectional Committee and approval of the Production and General Engineering Division Council.

This Standard specifies the dimensions, in millimetres, of elastomer pressure springs intended for use in press tools, and the diameters, in millimetres, of counterbores for these pressure springs. It also gives information concerning materials and their hardness, and specifies the designation of springs that are in accordance with its requirements, together with the marking of their packages.

This Indian Standard is published in two parts. The other part in the series is:

Part 2: Specification of accessories

The text of ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain 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.

The technical committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard.

International standard

ISO 10069-2 : 2008

Title

Tools for pressing — Elastomer pressure springs — Part 2:
Specification of accessories

The standard also makes a reference to the BIS Certification Marking of the product. 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(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 10069-1 : 2008 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
Telefax:011-23234819