

Please be aware that this PDF has been created from the original hardcopy document, which might not be in good condition and so the PDF might reflect this.

Lib and
are:

BRITISH STANDARD 969:1953

OFFICE COPY.

**PLAIN
LIMIT GAUGES
LIMITS &
TOLERANCES**

BRITISH STANDARDS INSTITUTION

AMD 1468

**Amendment Slip No.1, published 12 June, 1974
to B.S. 969 : 1953**

**Plain limit gauges
Limits and tolerances**

NOTE. Consequent upon the publication of B.S. 4500, 'ISO limits and fits', Part 2, 'Inspection of plain workpieces', the tables containing gauge tolerances in metric units are deleted from this standard. The tables containing inch units are retained for the time being for the convenience of those still using the inch system of measurement but should be regarded as obsolescent.

Revised text

Contents

Delete the references to Tables 3, 4 and 6.

Clause 7. Tolerances for limit gauges

Delete 'Tables 1 to 4' from the first line and substitute 'Tables 1 and 2'.

Delete '(0.01 mm to 5 mm)' from the end of the third line of the first paragraph.

Delete the whole of the second paragraph.

Clause 8. Minimum gauge tolerance

Delete the reference to Table 6 from the second line of the first paragraph.

Delete the references to Table 6 from the third and fourth lines of the third paragraph.

Table 3. Delete the whole of the table and footnote.

Table 4. Delete the whole of the table and footnotes.

Table 6. Delete the whole of the table and footnotes.



Documents
Document Sharing Hub

BRITISH STANDARD SPECIFICATION

PLAIN LIMIT GAUGES
LIMITS AND TOLERANCES

B.S. 969 : 1953

BRITISH STANDARDS INSTITUTION

Incorporated by Royal Charter

Telegrams : Standards, Sowest, London

Telephone : Abbey 3333

Sales Branch

Telephone : Victoria 0522

24 VICTORIA STREET, LONDON, S.W.1



Documents

Document Sharing Hub

THIS BRITISH STANDARD, having been approved by the Mechanical Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 8th May, 1953.

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 2000, indexed and cross-indexed for reference, together with an abstract of each standard, will be found in the Institution's Yearbook, price 7s. 6d.

This standard makes reference to the following British Standards :—

B.S. 1044. Recommended designs for plug, ring and gap gauges.

B.S.* Definitions for use in mechanical engineering.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.

* In course of preparation.

CONTENTS

	Page
Co-operating organizations	4
Foreword	5

SPECIFICATION

1. Scope	6
2. Nomenclature	6
3. Design	6
4. Disposition of the gauge tolerance zones with respect to the work tolerance zones	6
5. Gauge wear	6
6. Gauging the work	7
7. Tolerances for limit gauges	7
8. Minimum gauge tolerance	7
9. Hardness	8
10. Marking	8

TABLES

1. Tolerances for plug gauges. Inch units	10
2. Tolerances for ring and gap gauges. Inch units	11
3. Tolerances for plug gauges. Metric units	12
4. Tolerances for ring and gap gauges. Metric units	13
5. Minimum gauge tolerances appropriate to type and size of gauge. Inch units	14
6. Minimum gauge tolerances appropriate to type and size of gauge. Metric units	15

APPENDICES

A. Conventional illustration of tolerance zones	16
B. Examples of the use of the tables	17