

Pliers and nippers —

Part 4: Methods of test

UDC 621.881.4

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Machine, Engineers and Hand Tools Standards Committee (MTE/-) to Technical Committee MTE/15 upon which the following bodies were represented:

- British Coal
- British Telecommunications plc
- Consumer Standards Advisory Committee of BSI
- Department of Trade and Industry (Mechanical and Electrical Engineering Division)
- Federation of British Hand Tool Manufacturers
- Furniture, Timber and Allied Trades Union
- Institute of Carpenters
- Institution of Production Engineers
- Ministry of Defence

The following body was also represented in the drafting of the standard, through subcommittees and panels:

- Society of Motor Manufacturers and Traders Limited

This British Standard, having been prepared under the direction of the Machine, Engineers and Hand Tools Standards Committee, was published under the authority of the Board of BSI and comes into effect on 29 April 1988

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The following BSI references relate to the work on this standard:
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Foreword

This Part of BS 3087, which has been prepared under the direction of the Machine, Engineers and Hand Tools Standards Committee, is technically equivalent to ISO 5744:1983 *“Pliers and nippers — Methods of test”*, published by the International Organization for Standardization (ISO), and its associated Amendment No. 1, currently in preparation.

However, this Part of BS 3087 differs from ISO 5744 in that the soft wire cutting test in clause 4 of this Part of BS 3087 replaces the paper cutting test in clause 5 of ISO 5744. An ISO amendment is in preparation to replace the paper cutting test by a bronze wire cutting test. The British Standard soft wire cutting test is technically equivalent to that test, and specifies the use of a British Standard equivalent test wire. Additionally a joint cutter test has been included.

As work continues in ISO the number of tools covered by this British Standard will increase. BS 3087-10 contains those tools in BS 3087:1959 that were not standardized by ISO because their style and application were exclusive to the UK. BS 3087:1959 will be withdrawn on publication of BS 3087-1 to BS 3087-10.

Terminology and conventions. For ease of production, this Part of BS 3087 has been published in ISO style. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Cross-references

International Standard	Corresponding British Standard
	BS 3087 <i>Pliers and nippers</i>
ISO 5745:1982	Part 5:1986 <i>Specification for dimensions of pliers for gripping and manipulating</i> (Identical)
ISO 5746:1982	Part 6:1986 <i>Specification for dimensions of engineer’s and lineman’s pliers</i> (Identical)
ISO 5748:1982	Part 8:1986 <i>Specification for dimensions of end cutting nippers</i> (Identical)
ISO 5749:1982	Part 9:1986 <i>Specification for dimensions of diagonal cutting nippers</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 427 and ISO 1337, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.