

Drills and reamers —

Part 3: Specification for the dimensions of core drills

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Mechanical Engineering Standards Committee (MEE/-) to Technical Committee MEE/73 upon which the following bodies were represented:

- Gauge and Tool Makers' Association
- Institution of Production Engineers
- Machine Tool Industry Research Association
- Society of British Aerospace Companies Limited
- Twist Drill and Reamer Association

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Foreword

This Part of BS 328, which is published under the direction of the Mechanical Engineering Standards Committee, is technically equivalent to ISO 7079:1981 “*Core drills with parallel shanks and with Morse taper shanks*” published by the International Organization for Standardization (ISO).

The only significant change to the ISO text is in the symbols used for the lengths of the drills; ISO 7079 uses l for the overall length and l_1 for the flute length while, to maintain conformity with the other Parts of BS 328, this part uses L and l .

For ease of reproduction the text of the International Standard has been used for this British Standard. 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-reference. There is no British Standard corresponding exactly to ISO 296:1974, to which reference is made in the text (and see clause 2). For the purposes of this standard the British Standard corresponding to ISO 296 is BS 1660, “*Machine tapers, reduction sleeves and extension sockets*”.

For an explanation of the ISO system of limits and fits, including the meaning of the symbol h8 (see the tables in 3.1 and 4.1), see BS 4500 “*ISO limits and fits*” Part 1 “*General, tolerances and deviations*”.

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Summary of pages

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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.