

Educational furniture —

Part 1: Specification for functional dimensions, identification and finish of chairs and tables for educational institutions

UDC 371.63:684.43/.44

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The Furniture Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and scientific and professional organizations:

- British Educational Equipment Association*

British Furniture Manufacturers' Federated Associations*

British Rubber Manufacturers' Association

Business Equipment Trade Association

Committee of London Clearing Bankers on behalf of the Committee of Scottish Clearing Bankers, Co-operative Bank, Central Trustee Savings Bank and Yorkshire Bank

Consumer Standards Advisory Committee of BSI

Department of the Environment (PSA)*

Department of the Environment Building Research Establishment (Fire Research Station)

Design Council*
- Furnishing Fabrics Association

Furniture Industry Research Association*

Furniture, Timber and Allied Trades Union

Greater London Council*

Institute of Administrative Management

Leathercloth and Coated Fabrics Manufacturers' Association

Local Authorities Management Services and Computer Committee*

National Association of Retail Furnishers

Office Machines and Equipment Federation

Rubber and Plastics Research Association of Great Britain

Textile Research Council

Timber Research and Development Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Plastics Federation

Clasp Development Group

Counties Furniture Group

Department of Education and Science

Department of Health and Social Security

Inner London Education Authority

Institute of Purchasing and Supply
- Kent County Council

Medical Research Council

Mid-Glamorgan County Council

National Association of Head Teachers

National Union of Teachers

Scottish Education Department

This British Standard, having been prepared under the direction of the Furniture Standards Committee, was published under the authority of the Executive Board and comes into effect on 30 April 1980

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The following BSI references relate to the work on this standard:
Committee reference FHM/5
Draft for comment 77/63039 DC

ISBN 0 580 11358 2

Amendments issued since publication

Amd. No.	Date of issue	Comments
4098	September 1982	Indicated by a sideline in the margin

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Foreword

This standard is a revision of BS 3030-3:1972. BS 3030-3 is therefore now withdrawn. The functional dimensions of sizes 1, 2, 3, 4 and 5 conform to those given in ISO 5970:1979 within the limits specified in it.

ISO 5970 specifies seven sizes (sizemarks 0 to 6 inclusive). However, sizemarks 0 and 6 are regarded as respectively too low and too high for schools in the United Kingdom. Thus it is possible to satisfy the 3 to 18 years age range in five ISO sizes (sizemarks 1, 2, 3, 4 and 5). However, to meet a requirement for a different distribution of sizes for the 5 to 9 years age range, sizemark 2.5 has been added and a reduction in heights of seat and table top of sizemark 2 permitted.

Guidance on the distribution of furniture sizes is given in Appendix A. A proposal for the definition of criteria G in Figure 1 is illustrated in Appendix B. This definition does not conflict with ISO 5970. Appendix A and Appendix B do not form a part of this specification.

Requirements for the strength and stability of these chairs and tables are specified in Parts 2 and 3¹⁾ of this standard respectively.

Certification. Attention is drawn to the certification facilities described on the inside back cover of 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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, 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.

¹⁾ Part 3 is in course of preparation.

1 Scope

This Part of this British Standard specifies the functional dimensions and marking of chairs and tables for teaching and dining purposes and lecture and assembly halls in educational institutions. Requirements for the table top surfaces are also specified. It does not specify requirements for furniture for “special” schools, nor for adjustable furniture.

2 References

The titles of publications referred to in this standard are listed on page 8.

3 Fit of pupil to chair and table

There are many sitting postures that are adopted by pupils in schools. However, to assess the fit of a pupil to a chair and table it is necessary for the pupil to adopt the posture shown in Figure 1.

4 Dimensions

The dimensions of chairs and tables, according to their respective sizemarks, shall be in accordance with Table 1; attention should be paid to the notes accompanying the table. The key to the symbols denoting these dimensions is given in Figure 2.

