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METRIC UNITS

SPECIFICATION FOR

LATHE SPINDLE NOSES AND FACEPLATES

Part 2. Bayonet type

BRITISH STANDARDS INSTITUTION

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BRITISH STANDARDS INSTITUTION

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THIS BRITISH STANDARD, having been approved by the Mechanical Engineering Industry Standards Committee, was published under the authority of the Executive Board on 16th December, 1969.

SBN: 580 05544 2

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 5000, fully indexed and with a note of the contents of each, will be found in the British Standards Yearbook, price 20s. The BS Yearbook may be consulted in many public libraries and similar institutions.

This standard makes reference to the following British Standard:
BS 4500. ISO limits and fits.

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.

The following BSI references relate to the work on this standard:
Committee reference MEE/6 Draft for approval 69/5129

CO-OPERATING ORGANIZATIONS

The Mechanical Engineering Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

Associated Offices' Technical Committee
Association of Consulting Engineers
Association of Mining Electrical and Mechanical Engineers
Board of Trade
British Chemical Plant Manufacturers' Association
British Compressed Air Society
*British Electrical and Allied Manufacturers' Association
British Gear Manufacturers' Association
British Internal Combustion Engine Manufacturers' Association
British Mechanical Engineering Confederation
British Pump Manufacturers' Association
British Steel Industry
Crown Agents for Oversea Governments and Administrations
Department of Employment and Productivity (H.M. Factory Inspectorate)
Electricity Council, the Central Electricity Generating Board and the Area Boards in England and Wales
Engineering Equipment Users' Association
Gas Council
Institute of Marine Engineers
Institution of Civil Engineers
Institution of Gas Engineers
Institution of Heating and Ventilating Engineers
*Institution of Mechanical Engineers
Institution of Mechanical Engineers (Automobile Division)
*Institution of Production Engineers
Locomotive and Allied Manufacturers' Association of Great Britain
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Ministry of Defence
*Ministry of Defence, Army Department
Ministry of Power
Ministry of Public Building and Works
*Ministry of Technology
Ministry of Technology—National Engineering Laboratory
Ministry of Transport
National Coal Board
National Physical Laboratory (Ministry of Technology)
Royal Institute of British Architects

The Government departments and scientific and industrial 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:

Association of Supervisory Staffs Executives and Technicians
Ministry of Defence, Air Force Department
Ministry of Defence, Navy Department
National Federation of Engineers' Tool Manufacturers
North East Coast Institution of Engineers and Shipbuilders
Production Engineering Research Association
Society of Motor Manufacturers and Traders Ltd.

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DRAFT BRITISH STANDARD SPECIFICATION FOR

LATHE SPINDLE NOSES AND FACEPLATES

Part 2. Bayonet type

FOREWORD

This British Standard has been prepared under the authority of the Mechanical Engineering Industry Standards Committee under the accelerated procedure for implementing ISO Recommendations in British Standards. This Part of the standard is based on ISO 702/3* which provides dimensions and tolerances for bayonet type lathe spindle noses and faceplates. Part 1 of the standard deals with Types A and Camlock spindle noses and faceplates. 1

It is acknowledged that the bayonet type is not widely used nowadays by UK manufacturers, but nevertheless it is in use on many imported machines, and consequently it was felt that it would be of benefit to publish this standard.

SPECIFICATION

1. SCOPE

This Part of this British Standard specifies the sizes for interchangeability for lathe spindle noses and faceplates of the bayonet type.

2. DIMENSIONS AND TOLERANCES

Dimensions and tolerances shall be as given in Tables 1–4 (see also Figs. 1–4).

1 *ISO 702/3-1975 Machine tools – Spindle noses and faceplates – Sizes for interchangeability – Part III : Bayonet type.

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