



**BS 2470 : 1973**

UDC 666.71/.72 : 691.421

(Reprinted, incorporating Amendment No. 1)

CONFIRMED FEBRUARY 1988

---

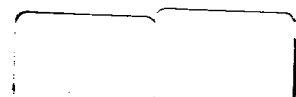
Specification for

# Hexagon socket screws and wrench keys

Inch series

---

British Standards Institution



This British Standard, having been approved by the Mechanical Engineering Industry Standards Committee, was published under the authority of the Executive Board on 15 June, 1973.

© British Standards Institution, 1973

First published June 1954

First revision June 1973

ISBN: 0 580 07139 1

#### Copyright

Users of British Standards are reminded that copyright subsists in all BSI publications. No part of this publication may be reproduced in any form without the prior permission in writing of BSI. This does not preclude the free use, in the course of implementing the standard, of necessary details such as symbols and size, type or grade designations. Enquiries should be addressed to the BSI Secretariat.

#### Contract requirements

Attention is drawn to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

#### Revision of British Standards

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.

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.** Full information on all BSI publications, numbering over 9000 will be found in the *BSI Catalogue*. This information is supplemented by details published each month in *BSI News* of new publications, revisions and amendments.

*BSI News* is available to Subscribing Members of the Institution. All other publications may be purchased direct from Sales Department. Enquiries concerning subscribing membership, which has considerable advantages, will be welcomed, and should be made to Subscriptions Department. Both departments are located at:

**Linford Wood, Milton Keynes MK14 6LE (Telephone 0908 220022; Telex 825777).**

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

Committee references MEE/60/3 and MEE/60 Draft for comment 68/23846

## 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                                                                  | *Gas Council                                                      |
| Association of Consulting Engineers                                                                     | Institution of Civil Engineers                                    |
| *Association of Hydraulic Equipment Manufacturers Ltd.                                                  | *Institution of Gas Engineers                                     |
| Association of Mining Electrical and Mechanical Engineers                                               | Institution of Heating and Ventilating Engineers                  |
| British Compressed Air Society                                                                          | Institution of Mechanical Engineers                               |
| *British Electrical and Allied Manufacturers' Association                                               | Institution of Mechanical Engineers (Automobile Division)         |
| British Gear Manufacturers' Association                                                                 | Institution of Plant Engineers                                    |
| British Internal Combustion Engine Manufacturers' Association                                           | *Institution of Production Engineers                              |
| British Mechanical Engineering Confederation                                                            | Locomotive and Allied Manufacturers' Association of Great Britain |
| British Pump Manufacturers' Association                                                                 | London Transport Executive                                        |
| *British Steel Industry                                                                                 | *Machine Tool Trades Association                                  |
| Crown Agents for Oversea Governments and Administrations                                                | Ministry of Defence                                               |
| Department of Employment (H.M. Factory Inspectorate)                                                    | Ministry of Defence, Army Department                              |
| *Department of the Environment                                                                          | *National Coal Board                                              |
| Department of Trade and Industry                                                                        | National Physical Laboratory (Department of Trade and Industry)   |
| Department of Trade and Industry – National Engineering Laboratory                                      | Process Plant Association                                         |
| *Electricity Council, the Central Electricity Generating Board and the Area Boards in England and Wales | Royal Institute of British Architects                             |
| *Engineering Equipment Users' Association                                                               | Telecommunications Engineering Manufacturing Association          |
|                                                                                                         | Water-tube Boilermakers' Association                              |

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:

- |                                                            |                                                                  |
|------------------------------------------------------------|------------------------------------------------------------------|
| Black Bolt and Nut Association of Great Britain            | Ministry of Aviation, Supply Department                          |
| British Bolt Nut Screw and Rivet Federation                | Ministry of Defence, Navy Department                             |
| British Constructional Steelwork Association               | Precision Bolt and Nut Institute                                 |
| British Railways Board                                     | Rolled Thread Screw Association                                  |
| Constructional Steel Research and Development Organization | Scientific Instrument Manufacturers Association of Great Britain |
| Council of British Manufacturers of Petroleum Equipment    | Society of Motor Manufacturers and Traders                       |
| Electronic Engineering Association                         | Socket Screw Manufacturers Association                           |
| Fasteners and Turned Parts Institute                       | Washer Manufacturers Association of Great Britain                |
| Institute of Iron and Steel Wire Manufacturers             |                                                                  |

8803-8-0.3k-B