BRITISH STANDARD

BS 4168-5: 1994
ISO 4029:1993

Hexagon socket screws and wrench keys: metric series —

Part 5: Specification for hexagon socket set screws with cup point

UDC 621.882.219.4.092.6

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI Documents
Document Sharing Hub

Full document details: BS 4168-5:1994

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the General Mechanical Engineering Standards Policy Committee (GME/-) to Technical Committee GME/9, upon which the following bodies were represented:

BEAMA Ltd.
British Constructional Steelwork Association Ltd.
British Industrial Fasteners Federation
British Steel Industry
British Steel Industry (Wire Section)
Gauge and Tool Makers' Association
National Association of Fastener Stockholders
Society of Motor Manufacturers and Traders Ltd.
Washer Manufacturers' Association of Great Britain

This British Standard, having been prepared under the direction of the General Mechanical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 May 1994

© BSI 12-1999

First published July 1981
Second edition May 1994

The following BSI references relate to the work on this standard:
Committee reference GME/9
Draft for comment 92/84142 DC

ISBN 0 580 23335 9

Amendments issued since publication

Amd. No.	Date	Comments

Documents
Document Sharing Hub

Full document details: BS 4168-5:1994

Contents

		Page
Committees responsible		Inside front cover
National foreword		ii
1	Scope	1
2	Normative references	1
3	Dimensions	1
4	Specifications and reference International Standards	3
5	Designation	3
Annex A (normative) Gauging of hexagon socket		4
Figure 1		1
Figure A.1		4
Table 1		2
Table 2		3
Table A.1		5
List of references		Inside back cover

© BSI 12-1999

Documents
Document Sharing Hub
Full document details: BS 4168-5:1994

National foreword

This Part of BS 4168 has been prepared under the direction of the General Mechanical Engineering Standards Policy Committee. It is identical with ISO 4028:1993 *Hexagon socket set screws with cup point,* published by the International Organization for Standardization (ISO). It supersedes BS 4168-5:1981 which is withdrawn.

Cross-references

International Standard	Corresponding British Standard
ISO 225:1983	BS EN 20225:1992 *Fasteners — Bolts, screws, studs and nuts — Symbols and designations of dimensions* (Identical)
ISO 261:1973	BS 3643 *ISO metric screw threads* Part 1:1981 *Principles and basic data* (Technically equivalent)
ISO 888:1976	BS 7345:1990 *Specification for nominal lengths of bolts, screws and studs and thread lengths for general purpose bolts* (Identical)
ISO 898-5:1980	BS 6104 *Mechanical properties of fasteners* Part 3:1981 *Specification for set screws and similar threaded fasteners not under tensile stresses* (Identical)
ISO 965-3:1980	BS 3643 *ISO metric screw threads* Part 1:1981 *Principles and basic data* (Technically equivalent)
ISO 3506:1979	BS 6105:1981 *Specification for corrosion-resistant stainless steel fasteners* (Identical)
ISO 4759-1:1978	BS 6322 *Tolerances for fasteners* Part 1:1982 *Specification for tolerances of bolts, screws and nuts with thread diameters ⩾ 1.6 mm and ⩽ 150 mm and product grades A, B and C* (Identical)
	BS EN 26157 *Fasteners — Surface discontinuities*
ISO 6157-1:1988	Part 1:1992 *Bolts, screws and studs for general requirements* (Identical)
ISO 6157-3:1988	Part 3:1992 *Bolts, screws and studs for special requirements* (Identical)
ISO 8839:1986	BS EN 28839:1992 *Mechanical properties of fasteners — Bolts, screws, studs and nuts made of non-ferrous metals* (Identical)

The Technical Committee has reviewed the provisions of ISO 965-2:1980, ISO 3269:1988, ISO 4042:1989 and ISO 8992:1986, to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard to ISO 3269:1988 is BS 6587:1985.

© BSI 12-1999
Documents
Document Sharing Hub
Full document details: BS 4168-5:1994

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 to iv, 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.

Documents
Document Sharing Hub

Full document details: BS 4168-5:1994