

Hexagon bolts with flange — Small series

(ISO/DIS 15071:1996, modified)

The European Standard EN 1662:1997 has the status of a
British Standard

ICS 21.060.10

Confirmed May 2008

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 1662:1997, incorporating corrigendum February 2007.

The UK participation in its preparation was entrusted by Technical Committee FME/9, Bolts, nuts and accessories, to Subcommittee FME/9/6, General purpose fasteners and accessories.

A list of organizations represented on FME/9/6 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

WARNING

The United Kingdom as a member of CEN is obliged to publish EN 1662:1997 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard the United Kingdom has consistently voted against its approval as a European Standard. The UK believes that the corresponding ISO Standard, ISO/DIS 15071:1996 should have been implemented as the European Standard. As far as the UK is concerned, it is dangerous and not acceptable to have a separate European Standard that differs from the corresponding ISO Standard by the across flats dimension for one size of fastener, all other requirements being identical between the two standards concerned.

As part of BSI's duty of care, we draw attention to users of this standard to our concerns that M12 bolts to this standard differ from similar fasteners conforming to ISO/DIS 15071:1996 in the across the flats dimension only. This is 16 mm in the European Standard and 15 mm in the ISO. BSI will assume no liability whatsoever for the failure on the part of any user of this standard not to consider this aspect. Precautions are urged to ensure that commingling of M12 bolts to the two standards concerned is avoided.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 April 1998

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Amendments issued since publication

Amd. No.	Date	Comments
17055 Corrigendum No. 1	30 April 2007	Clause 3: Figure 2 replaced

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Descriptors: Fasteners, screws, hexagonal head screws, dimensions, dimensional tolerances, characteristics, verification, designation

English version

Hexagon bolts with flange — Small series

(ISO/DIS 15071:1996, modified)

Vis à tête hexagonale à embase
cylindro-tronconique — Série étroite
(ISO/DIS 15071:1996, modifiée)

Sechskantschrauben mit Flansch — Leichte Reihe
(ISO/DIS 15071:1996, modifiziert)

This European Standard was approved by CEN on 1997-10-24.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 185, Threaded and non-threaded mechanical fasteners and accessories, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO/DIS 15071:1996 was approved by CEN as a European Standard with agreed common modifications given as below.

Bolts according to this European Standard correspond to those specified in the Draft International Standard ISO/DIS 15071:1996 with the exception that the width across flats for M12 is 16 mm (instead of 15 mm) and that the property class 9.8 was deleted.