

Hexagon nuts with flange

(ISO/DIS 4161:1996, modified)

The European Standard EN 1661:1997 has the status of a
British Standard

ICS 21.060.20

Confirmed
May 2008

National foreword

This British Standard is the English language version of EN 1661:1997.

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, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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.

WARNING

The United Kingdom, as a member of CEN, is obliged to publish EN 1661:1997 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 4161:1996 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 M10 nuts to this standard differ from similar fasteners conforming to ISO/DIS 4161:1996 in the across 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 comingling of M10 nuts to the two standards concerned is avoided.

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, the EN title page, pages 2 to 6, an inside back cover and a back cover.

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

© BSI 1998

ISBN 0 580 29330 0

Amendments issued since publication

Amd. No.	Date	Text affected

ICS 21.060.20

Descriptors: Fasteners, nuts: fasteners, hexagonal units, flanged nuts, dimensions, dimensional tolerances, characteristics, verification, designation

English version

Hexagon nuts with flange

(ISO/DIS 4161:1996, modified)

Ecrous hexagonaux à embase cylindro-tronconique
(ISO/DIS 4161:1996, modifiée)

Sechskantmuttern mit Flansch
(ISO/DIS 4161:1996, 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

© 1997 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 1661:1997 E

This is a preview. [Click here to purchase the full publication.](#)

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 4161:1996 was approved by CEN as a European Standard with agreed common modifications as given below.

Nuts according to this European Standard correspond to those specified in the Draft International Standard ISO/DIS 4161:1996 with the exception that the width across flats for M10 is 16 mm (instead of 15 mm) and that the property class 9 was deleted.