

Hexagon bolts with flange — Heavy series

The European Standard EN 1665:1997 has the status of a
British Standard

ICS 21.060.10

Confirmed May 2008

National foreword

This British Standard is the UK implementation of EN 1665:1997, incorporating corrigenda March 1998 and February 2007.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags AC AC. Text altered by CEN corrigendum March 1998 is indicated by AC1 AC1 and text altered by CEN corrigendum February 2007 is indicated in the text by AC2 AC2.

The UK participation in its preparation was entrusted to Technical Committee FME/9, Bolts, nuts and accessories.

A list of organizations represented on this committee 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.

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

This British Standard was published under the authority of the Standards Committee and comes into effect on 15 September 1997

© BSI 2007

The following BSI references relate to the work on this standard:
Committee reference FME/9
Draft for comment 94/713224 DC

ISBN 0 580 28309 7

Amendments issued since publication

Amd. No.	Date	Comments
10158 Corrigendum No. 1	December 1998	See national foreword
17148 Corrigendum No. 2	31 May 2007	See national foreword

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

English version

Hexagon bolts with flange — Heavy series

Vis à tête hexagonale à embase
cylindro-tronconique —
Série large

Sechskantschrauben mit Flansch —
Schwere Reihe

This European Standard was approved by CEN on 1997-04-03. 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 November 1997, and conflicting national standards shall be withdrawn at the latest by November 1997.

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

Contents

	Page
Foreword	2
1 Scope	3
2 Normative references	3
3 Dimensions	3
4 Requirements and reference European or International Standards	7
5 Designation	7
Annex A (normative) Gauging of hexagon flange heads	8
Figure 1 — Hexagon bolt with flange — Full shank (standard type)	3
Figure 2 — Hexagon bolt with flange — Reduced shank, type R (upon request)	4
Figure 3 — Hexagon bolt with flange — Underhead configuration (bearing area)	4
Figure A.1	8
Table 1	5
Table 2	7
Table A.1	8