

Aerospace series
— Bolts, normal
hexagonal head, coarse
tolerance normal
shank, long thread,
in titanium alloy,
aluminium IVD coated
— Classification: 1
100 MPa (at ambient
temperature) / 425 °C

ICS 49.030.20,

National foreword

This British Standard is the UK implementation of EN 4133:2009.

The UK participation in its preparation was entrusted to Technical Committee ACE/12, Aerospace fasteners and fastening systems.

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 Policy and Strategy Committee on 31 May 2009

© BSI 2009

ISBN 978 0 580 65952 2

Amendments/corrigenda issued since publication

Date	Comments

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 4133

April 2009

ICS 49.030.20

English Version

**Aerospace series - Bolts, normal hexagonal head, coarse
tolerance normal shank, long thread, in titanium alloy, aluminium
IVD coated - Classification: 1 100 MPa (at ambient temperature)
/ 425 °C**

Série aérospatiale - Vis à tête hexagonale normale, tige
normale à tolérance large, filetage long, en alliage de
titane, revêtues aluminium IVD - Classification: 1 100 MPa
(à température ambiante)/425 °C

Luft- und Raumfahrt - Sechskantschrauben, langes
Gewinde, aus Titanlegierung, Aluminium IVD beschichtet -
Klasse: 1 100 MPa (bei Raumtemperatur) / 425 °C

This European Standard was approved by CEN on 12 March 2009.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
Foreword.....		3
1	Scope	4
2	Normative references	4
3	Required characteristics	5
4	Designation	8
5	Marking	8
6	Technical specification	8