

**Bolts, normal
bihexagonal head, close
tolerance normal
shank, short thread, in
titanium alloy,
anodized, MoS₂
lubricated —
Classification:
1100 MPa (at ambient
temperature)/315 °C**

The European Standard EN 2870:1996 has the status of a
British Standard

ICS 49.040.20

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee ACE/12, Aerospace fasteners and fastening systems, upon which the following bodies were represented:

- Association of Electronic, Telecommunications and Business Equipment Industries
- British Industrial Fasteners Federation
- Ministry of Defence
- Society of British Aerospace Companies

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 December 1996

© BSI 01-1999

The following BSI references relate to the work on this standard:
Committee reference ACE/12
Draft for comment 90/81646 DC

ISBN 0 580 26349 5

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
1 Scope	3
2 Normative references	3
3 Required characteristics	3
4 Designation	6
5 Marking	6
6 Technical specification	6
7 Oversize bolts	6
Figure 1	4
Table 1	5
Table 2	6
Table 3	6
List of references	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee ACE/12 and is the English language version of EN 2870:1996 *Aerospace series — Bolts, normal bihexagonal head, close tolerance normal shank, short thread, in titanium alloy, anodized, MoS₂ lubricated — Classification: 1 100 MPa (at ambient temperature)/315 °C* published by the European Committee for Standardization (CEN).

EN 2870:1996 was produced as a result of international discussions in which the United Kingdom took an active part.

Cross-references

Publication referred to	Corresponding British Standard
ISO 3185:1993	BS A 303:1994 <i>Bolts, normal bihexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa. Dimensions</i>
ISO 3353:1994	BS 2A 231:1993 <i>Rolled threads for bolts. Lead and runout requirements</i>
ISO 5855-2:1988	BS 6293 <i>Aerospace. MJ threads</i> Part 2:1994 <i>Limit dimensions for bolts and nuts</i>
ISO 7913:1994	BS 2A 296:1995 <i>Bolts and screws, metric. Tolerances of form and position</i>
EN 2000:1991	BS EN 2000:1992 <i>Quality assurance. EN aerospace products. Approval of the quality system of manufacturers</i>
EN 2424:1995	BS EN 2424:1995 <i>Marking of aerospace products</i>
EN 3042:1991	BS EN 3042:1992 <i>Quality assurance. EN aerospace products. Qualification procedure</i>

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 and ii, the EN title page, pages 2 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.