



BSI Standards Publication

AEROSPACE SERIES

Bolts, Hexagonal head, Unified short threads below .250 inch, Alloy steel, Cadmium plated

Classification: $R_m = 124\,000 - 146\,000 \text{ lbf/in}^2$
(855 – 1 007 MPa) at ambient temp | +190 °C
– Specification

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© The British Standards Institution 2019

Published by BSI Standards Limited 2019

ISBN 978 0 580 52206 2

ICS 49.030.20

The following BSI references relate to the work on this document:

Committee reference ACE/12

Drafts for comment 18/30369950 DC, 19/30400574 DC

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

Contents

	Page
Foreword	ii
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General requirements	1
5 Materials and manufacture	2
<i>Table 1 — Mechanical properties of forged bolts</i>	2
6 Dimensions	2
7 Screw threads	2
8 Protective finish	2
9 Identification and marking	3
10 Inspection procedure	3
<i>Figure 1 — Dimensions of bolts</i>	4
<i>Table 2 — Dimensions of bolts</i>	4
<i>Figure 2 — Bearing length L and overall length E</i>	5
<i>Table 3 — Bearing length, L, and overall length, E</i>	5
<i>Table 3 — Bearing length, L, and overall length, E (continued)</i>	6
Bibliography	7

Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 7, and a back cover.

Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 October 2019. It was prepared by Technical Committee ACE/12, *Aerospace fasteners and fastening*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

BS 2A 226:2019 supersedes BS A 226:1965, which is withdrawn.

Information about this document

This publication can be withdrawn, revised, partially superseded or superseded. Information regarding the status of this publication can be found in the Standards Catalogue on the BSI website at bsigroup.com/standards, or by contacting the Customer Services team.

Where websites and webpages have been cited, they are provided for ease of reference and are correct at the time of publication. The location of a webpage or website, or its contents, cannot be guaranteed.

Hazard warnings

CAUTION. This British Standard features parts that have cadmium as a plating material which has been restricted and/or banned for use in many countries owing to environmental and health concerns; they should not be used in new product designs. Local officials should be consulted about any concerns on the use of cadmium-plated parts.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Where words have alternative spellings, the preferred spelling of the Shorter Oxford English Dictionary is used (e.g. “organization” rather than “organisation”).

Contractual and legal considerations

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.