

Specification for

Snap head high nickel-copper alloy rivets*

ICS 49.030.60

*Index of form title: Rivets, snaphead, in DTD 204 material.

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Foreword

Publishing information

BS 2SP 81 and 2SP 82:1973+A3:2015 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 January 2015. 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 2SP 81 and 2SP 82:1973+A3:2015 supersedes BS 2SP 81 and 2SP 82:1973 (incorporating Amendments No.1 and No.2), which is withdrawn.

Information about this document

These standards form part of a series of British Standards for rivets prepared at the request of the aerospace industry. The 1958 edition provided for ranges of snap head high nickel-copper alloy rivets with head proportions and shank diameters basically the same as those used hitherto. The proportions of the rivet heads are those endorsed by ISO/TC 20 — *Aircraft and space vehicles*, as are the identification markings contained in this revision of the standard. In general, the dimensions of the rivets were more closely defined than previously, but the shank tolerances, in common with those for steel snap head rivets in BS SP 76, are wider than those specified for snap head aluminium and aluminium alloy rivets in BS SP 77 to SP 80. The tolerances are so arranged, however, that the maximum diameters are the same.

This document makes reference to the following standards:

British Standards:

BS 350, *Conversion factors for units*

BS EN 2133, *Aerospace series – Cadmium plating of steels with specified tensile strength $\leq 1\,450$ MPa, copper, copper alloys and nickel alloys*

MoD Defence Equipment and Support Standards:

DTD 204, *Nickel-Copper Alloy Cold Drawn Wire for Rivets*

Def Stan 03-19, *Electro-Deposition of Cadmium*

The start and finish of text introduced or altered by Amendment No.3 is indicated in the text by tags **A3** **A3**. Minor editorial changes are not tagged. Previous amendments are not indicated.

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.

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.

This British Standard, having been approved by the Aerospace Industry Standards Committee, was published under the authority of the Executive Board on 31 October 1973

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 5 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.