

Specification for

Mushroom head aluminium alloy rivets

ICS 49.030.60

* **Index form of title:** Rivets, mushroom head, in L37, L58 and L86 materials.

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Foreword

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BS 2SP 83 to 85:1973+A3:2013 supersedes BS 2SP 83 to 85:1973 (incorporating Amendments No.1 and No.2), which are withdrawn.

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

These standards form part of a series of British Standards for rivets prepared at the request of the aerospace industry.

In general, in the 1958 edition, the dimensions of the rivets were more closely defined than previously, although the shank tolerances on sizes above $\frac{1}{8}$ in are wider than those adopted in BS SP 68 to BS SP 71, “100° countersunk precision head aluminium and aluminium alloy rivets”.

The distribution of the shank tolerances follows the American practice of allocating the greater part of the tolerance to the positive side, as compared with the practice in A.S. Standards for rivets of distributing the tolerances about the nominal diameter. This principle, as well as the proportions of the rivet heads, has been endorsed by Technical Committee ISO/TC 20 — Aircraft and Space Vehicles, as have the identification markings contained in this revision of the standards. A method for the identification of undyed versions of the rivets is given.

Details of rivets with radiused tails for use in auto-riveting machines are given in Appendix A.

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

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.

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