

Specification for

Corrosion-resisting steel split cotter pins for aircraft

UDC 621.886.5:629.13

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Foreword

This British Standard has been prepared primarily to provide a range of corrosion-resisting steel split cotter pins for use in temperatures higher than those for which BS SP 9 nickel alloy pins were suitable. Additionally, the standard introduces a change in the method of dimensioning the pins. BS SP 9 (now withdrawn) defined the nominal length of the pin as the distance from the outside edge of the eye to the end of the shorter leg. Since the publication of that standard in 1949 it has become general practice in many quarters to define the nominal length as the distance from the underside of the eye to the end of the short leg.

Reference is made in the standard to the following Ministry of Technology specification:

D.T.D. 189, *Chromium-nickel corrosion-resistant steel wire, rivets and split pins*.

NOTE The figures in British units are to be regarded as the standard. A table to assist in the approximate conversion from British to metric units is contained in the Appendix. More accurate conversions should be based on the tables in BS 350 “*Conversion factors and tables*”.

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, pages 1 to 4 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.

Amendments issued since publication

Amd. No.	Date of issue	Comments
5378	October 1964	
484	April 1970	
642	November 1970	Indicated by a sideline in the margin

This British Standard, having been approved by the Aircraft Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council of the Institution on 27 July 1961

© BSI 02-2000

The following BSI references relate to the work on this standard:
Committee reference ACE/14
Draft for comment
CX (ACE) 6935

ISBN 0 580 34423 1

Contents

	Page
Foreword	Inside front cover
1 Scope	1
2 Material	1
3 Dimensions	1
4 Tolerance on nominal length	1
5 Eye	1
6 Shank	1
7 Ends of legs	1
8 Finish	1
9 Freedom from defects	1
10 Standard sizes	1
11 Identification	1
Appendix Conversion of inches to millimetres	4
Table 1 — Dimensions of split cotter pins	2
Table 2 — Standard lengths and part numbers for split cotter pins	3