



AEROSPACE MATERIAL SPECIFICATION

AMS4800™**REV. F**

Issued	1940-01
Revised	2006-10
Reaffirmed	2012-02
Stabilized	2018-04

Superseding AMS4800E

Bearings, Babbitt
91Sn – 4.5Sb – 4.5Cu
(Composition similar to UNS L13910)

RATIONALE

AMS4800F stabilizes this document because it contains mature technology that is not expected to change and thus no further revisions are anticipated.

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1. SCOPE

1.1 Form

This specification covers bearings of a tin alloy cast on one or both faces of a steel or bronze backing.

1.2 Application

Primarily for bearings, bushings, and sleeves.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

AMS 2800 Identification, Finished Parts

3. TECHNICAL REQUIREMENTS

3.1 Composition

3.1.1 Babbitt

Shall conform to the percentages by weight shown in Table 1, determined by spectrochemical methods or by other analytical methods acceptable to purchaser.