



# AEROSPACE MATERIAL SPECIFICATION

**AMS4710™****REV. H**

|            |         |
|------------|---------|
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| Noncurrent | 1977-03 |
| Revised    | 2007-07 |
| Reaffirmed | 2012-09 |
| Stabilized | 2018-01 |

Superseding AMS4710G

Brass Wire, Tinned  
65Cu - 35Zn  
Annealed (061)  
(Composition similar to UNS C27000)

## RATIONALE

AMS4710H stabilizes this document because it is no longer state of the art and other documents contain similar but not necessarily equivalent requirements.

## STABILIZED NOTICE

AMS4710H has been declared "STABILIZED" by SAE AMS Committee D Nonferrous Alloys. This document was stabilized because this document contains mature technology that is not expected to change and thus no further revisions are anticipated. Previously this document was reaffirmed. The last technical update of this document occurred in July, 2007. Users of this document should refer to the cognizant engineering organization for disposition of any issues with reports/certifications to this specification; including exceptions listed on the certification.

NOTE: In many cases, the purchaser may represent a sub tier supplier and not the cognizant engineering organization.

AMS Committee D recommends that the following similar but not identical specifications be used for the "STABILIZED" specification.

ASTM B134 Brass Wire

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## 1. SCOPE

### 1.1 Form

This specification covers one type of brass in the form of wire.

### 1.2 Application

These products are typically used for locking wire, but usage is not limited to such applications.

## 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](http://www.sae.org).

AMS 2224                      Tolerances, Copper and Copper Alloy Wire

### 2.2 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, [www.astm.org](http://www.astm.org).

|             |                                                             |
|-------------|-------------------------------------------------------------|
| ASTM B 250  | General Requirements for Wrought Copper-Alloy Wire          |
| ASTM B 250M | General Requirements for Wrought Copper-Alloy Wire (Metric) |
| ASTM E 112  | Determining Average Grain Size                              |
| ASTM E 478  | Chemical Analysis of Copper Alloys                          |