



<b>AEROSPACE MATERIAL SPECIFICATION</b>	<b>AMS4558™</b>	<b>REV. J</b>
	Issued 1948-05 Reaffirmed 2012-02 Revised 2022-09	
Superseding AMS4558H		
Brass, Seamless Tubing 66.5Cu - 31.5Zn - 1.6Pb Drawn Temper (H58) (Composition similar to UNS C33200)		

## RATIONALE

AMS4558J results from a Five-Year Review and update of this specification with changes to update general agreement language related to prohibition of unauthorized exceptions (3.7, 4.4.1, 8.5); update applicable documents (Section 2, 4.3), composition (3.1), residual stress terminology (previously embrittlement) (3.4.2, 4.2.2), and marking information (8.6); and allow the use of the immediate prior specification revision (8.4).

### 1. SCOPE

#### 1.1 Form

This specification covers a copper alloy (brass) in the form of seamless tubing.

#### 1.2 Application

This tubing has been used typically for screw machine parts, 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

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AMS2223 Tolerances, Copper and Copper Alloy Seamless Tubing

AS7766 Terms Used in Aerospace Metals Specifications

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