

**FEDERAL SPECIFICATION**

**BRONZE, PHOSPHOR; BAR, PLATE, ROD,  
 SHEET, STRIP, FLAT WIRE, AND STRUCTURAL  
 AND SPECIAL SHAPED SECTIONS**

*This amendment, which forms a part of Federal Specification QQ-B-750, dated July 5, 1961, was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.*

**PAGE 1**

**Paragraph 1.1**, last sentence: Add "(see 6.5)."

**Paragraph 2.1**: Delete reference to "Fed. Std. No. 102".

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**Paragraph 3.5**, Under "*Rod, Cold Drawn:*" following "Diameter Tolerance" change "(Nonrefractory Alloys)" to "(Refractory alloys)".

**Paragraph 4.1**: Delete and substitute:

**4.1 Responsibility for inspection.** Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

**Paragraph 4.2 and table IV**: Delete and substitute:

**4.2 Samples for chemical analysis.** Samples for chemical analysis shall be selected from different randomly selected pieces in each lot in accordance with table IV. Two ounces of

clean chips selected in accordance with method 111 or 112 of Fed. Test Method Std. No. 151 shall be taken from each sample piece selected.

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**Paragraph 4.4.1**, line 4: Delete "by the inspector".

**Paragraph 4.4.2**, line 4: Delete "by the inspector".

**Paragraph 4.6.1**: Delete and substitute:

**4.6.1 Chemical analysis.** The samples selected in accordance with 4.2 shall be analyzed by the wet chemical or spectrographic method to determine conformance with table I. A single analysis of a composite sample may be made. In case of dispute, the analysis by the wet method shall be the basis for acceptance.

**Paragraph 4.6.2**: Delete and substitute:

**4.6.2 Tension tests.** Each of the specimens selected in accordance with 4.3 shall be subjected to the tension test as follows:

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**Paragraph 4.7.1 and 4.7.2**: Delete and substitute:

**4.7.1 Rejection and retests.** If any test specimen fails to meet any of the requirements of this specification except as specified in 4.5, the lot represented by the speci-

men shall be rejected subject to the rejection and retest provisions of Fed. Test Method Std. No. 151.

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**Paragraph 6.1:** Add new subitem (*p*):

(*p*) Whether product identification marking is required (see 3.9).

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**Paragraph 6.5:** Delete.

Add new paragraphs as follows:

**6.5 Applications.**

**6.5.1 Composition A.** The annealed condition is adapted to all cold forming methods. The cold worked condition is often used for springs, chemical hardware, and fasteners.

**6.5.2 Composition B.** This alloy has excellent machinability and is used in a variety of bearing applications.

**6.5.3 Composition D.** The annealed condition is adapted to cold forming operations.

The alloy is easily work-hardened and is excellent for spring applications as it combines the properties of high strength and resilience.

**Notice:** Delete.

**MILITARY CUSTODIANS:**

Army—MR  
Navy—SH  
Air Force—69

*Review activities:*

Army—MR, MO, MI  
Navy—SH, YD  
Air Force—69

*Preparing activity:*

Navy—SH

Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current Federal Supply Classification Listing of DOD Standardization Documents.