



AEROSPACE MATERIAL SPECIFICATION

AMS5061™**REV. H**

Issued	1948-09
Revised	2004-03
Noncurrent	2009-02
Reaf. Nonc.	2013-04
Stabilized	2017-08

Superseding AMS5061G

Steel, Low Carbon Bars, and Wire
0.08 - 0.20

(Composition similar to UNS K00802)

RATIONALE

AMS5061H has been stabilized as mature technology that has similar specifications.

STABILIZED NOTICE

AMS5061H has been declared "STABILIZED" by SAE AMS Carbon and Low Alloy Steels Committee E. This document will no longer be updated and may no longer represent standard industry practice. This document was stabilized because other documents contain similar but not necessarily equivalent requirements. Previously this document was reaffirmed non-current. The last technical update of this document occurred in March 2004. 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 E recommends that the following similar but not identical specifications may be considered for future procurement. This listing does not constitute authority to substitute these specifications for the "STABILIZED" specification.

ASTM A29/A29M	General Requirements for Steel Bars, Carbon and Alloy, Hot-Wrought
ASTM A510/A510M	General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, and Alloy Steel

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1. SCOPE:

1.1 Form:

This specification covers a low-carbon steel in the form of bars and wire 0.750 inch (19.05 mm) and under in nominal diameter or distance between parallel sides.

1.2 Application:

These products have been used typically for the manufacture of cold-headed threaded 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:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001 or www.sae.org.

AMS 2231	Tolerances, Carbon Steel Bars
AMS 2259	Chemical Check Analysis Limits, Wrought Low-Alloy and Carbon Steels
AMS 2370	Quality Assurance Sampling and Testing, Carbon and Low-Alloy Steel Wrought Products and Forging Stock
AMS 2806	Identification, Bars, Wire, Mechanical Tubing, and Extrusions, Carbon and Alloy Steels and Corrosion and Heat Resistant Steels and Alloys