

**AEROSPACE  
MATERIAL  
SPECIFICATION**

**SAE AMS-QQ-A-225/8**

**REV. B**

Issued 1997-07  
Revised 1998-09  
Reaffirmed 2007-04  
Cancelled 2010-12

Superseding AMS-QQ-A-225/8A

Aluminum Alloy 6061, Bar, Rod, Wire, and Special Shapes;  
Rolled, Drawn, or Cold Finished

(Composition similar to A96061)

**RATIONALE**

AMS-QQ-A-225/8B has been designated Cancelled and Superseded because equivalent technical requirements are provided by other specifications.

**CANCELLATION NOTICE**

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of December 2010 and has been superseded by the specifications listed below. The requirements of the latest issue of the specifications listed below shall be fulfilled whenever reference is made to the cancelled AMS-QQ-A-225/8. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by the specifications listed below.

Cancelled specifications are available from SAE.

Product	Superseding Specification
Temper O	AMS4115, Aluminum Alloy, Rolled or Cold-Finished, Bars, Rods, Wire, and Flash Welded Rings, Annealed, 1.0Mg - 0.60Si - 0.28Cu - 0.20Cr (6061-0)
Temper T4, T42	AMS4116, Aluminum Alloy, Bars, Rods, and Wire, 1.0Mg - 0.60Si - 0.30Cu - 0.20Cr (6061-T4), Cold Finished, Solution Heat Treated and Naturally Aged
Temper T451	AMS4128, Aluminum Alloy, Bars, Rolled or Cold Finished 1.0Mg 0.60Si 0.30Cu 0.20Cr (6061-T451) Solution Heat Treated and Stress Relieved by Stretching
Temper T6, T62, T651	AMS4117, Aluminum Alloy, Rolled or Cold Finished Bars, Rods, and Wire and Flash Welded Rings, 1.0Mg - 0.60Si - 0.28Cu - 0.20Cr, (6061; -T6, -T651), Solution and Precipitation Heat Treated
Temper F	AMS4115, Aluminum Alloy, Rolled or Cold-Finished, Bars, Rods, Wire, and Flash Welded Rings, Annealed, 1.0Mg - 0.60Si - 0.28Cu - 0.20Cr (6061-0), or  AMS4116, Aluminum Alloy, Bars, Rods, and Wire, 1.0Mg - 0.60Si - 0.30Cu - 0.20Cr (6061-T4), Cold Finished, Solution Heat Treated and Naturally Aged, or  AMS4117, Aluminum Alloy, Rolled or Cold Finished Bars, Rods, and Wire and Flash Welded Rings, 1.0Mg - 0.60Si - 0.28Cu - 0.20Cr, (6061; -T6, -T651), Solution and Precipitation Heat Treated

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SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

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## NOTICE

This document has been taken directly from Federal Specification QQ-A-225/8E and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards.

The original Federal Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, (b) the use of the existing government specification or standard format, and (c) the exclusion of any qualified product list (QPL) sections.

The complete requirements for procuring 6061 aluminum alloy bar, rod, wire and special shapes described herein shall consist of this document and the latest issue of AMS-QQ-A-225.