

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS 5685L

Issued DEC 1939
Revised MAR 2001
Cancelled AUG 2007

Superseded by AS5685

Steel, Corrosion Resistant, Safety Wire,
18Cr - 11.5Ni (SAE 30305)
Solution Heat Treated, Cold Finished

(Composition similar to UNS S30500)

RATIONALE

AMS 5685K has been designated cancelled and superseded since equivalent technical requirements are contained in AS5685.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of August, 2007 and has been superseded by AS5685. The requirements of the latest issue of AS5685 shall be fulfilled whenever reference is made to the cancelled AMS 5685K. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications indicating that it has been "CANCELLED".

Cancelled specifications are available from SAE.

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1. SCOPE:

1.1 Form:

This specification covers a corrosion-resistant steel in the form of wire.

1.2 Application:

This product has typically been used for safety wire, but usage is not limited to that application.

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 canceled 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.

AMS 2241	Tolerances, Corrosion and Heat Resistant Steel, Iron Alloy, Titanium, and Titanium Alloy Bars and Wire
MAM 2241	Tolerances, Metric, Corrosion and Heat Resistant Steel, Iron Alloy, Titanium, and Titanium Alloy Bars and Wire
AMS 2248	Chemical Check Analysis Limits, Corrosion and Heat Resistant Steels and Alloys, Maraging and Other Highly-Alloyed Steels, and Iron Alloys
AMS 2371	Quality Assurance Sampling and Testing, Corrosion and Heat Resistant Steels and Alloys, Wrought Products and Forging Stock

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