

AEROSPACE MATERIAL SPECIFICATION

SAE AMS5020F

Issued	1967-11
Revised	2005-03
Cancelled	2008-12
Superseding AMS5020E	

Steel Bars, Forgings, and Tubing, Free-Cutting
1.5Mn – 0.25Pb (0.32 – 0.39C) (11L37)

RATIONALE

AMS5020F has been designated Cancelled based on results of a survey to aerospace users and producers.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of December 2008. 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.

Similar but not necessarily identical products are covered in the following specifications. However, this listing is provided for information only and does not constitute authority to substitute these specifications for the "CANCELLED" specification.

ASTM A29 / A29M	Steel Bars, Carbon and Alloy, Hot-Wrought, General Requirements for
ASTM A519	Seamless Carbon and Alloy Steel Mechanical Tubing
ASTM A668 / A668M	Steel Forgings, Carbon and Alloy, for General Industrial Use
ASTM A711 / A711M	Steel Forging Stock

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Steel Bars, Forgings, and Tubing, Free-Cutting 1.5Mn - 0.25Pb (0.32 - 0.39C) (11L37) (Composition similar to UNS G11374)															
1. SCOPE: 1.1 Form: This specification covers a leaded carbon steel in the form of bars, forgings, mechanical tubing, and forging stock. 1.2 Application: These products have been used typically for parts on which the amount or complexity of machining warrants use of a free-cutting steel to yield good surface finish, 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. <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 20px;">AMS 2231</td> <td>Tolerances, Carbon Steel Bars</td> </tr> <tr> <td>AMS 2253</td> <td>Tolerances, Carbon and Alloy Steel Tubing</td> </tr> <tr> <td>AMS 2259</td> <td>Chemical Check Analysis Limits, Wrought Low-Alloy and Carbon Steels</td> </tr> <tr> <td>AMS 2370</td> <td>Quality Assurance Sampling and Testing, Carbon and Low-Alloy Steels, Wrought Products and Forging Stock</td> </tr> <tr> <td>AMS 2372</td> <td>Quality Assurance Sampling and Testing, Carbon and Low-Alloy Steel Forgings</td> </tr> <tr> <td>AMS 2806</td> <td>Identification, Bars, Wire, Mechanical Tubing, and Extrusions, Carbon and Alloy Steels and Corrosion and Heat Resistant Steels and Alloys</td> </tr> <tr> <td>AMS 2808</td> <td>Identification, Forgings</td> </tr> </table>		AMS 2231	Tolerances, Carbon Steel Bars	AMS 2253	Tolerances, Carbon and Alloy Steel Tubing	AMS 2259	Chemical Check Analysis Limits, Wrought Low-Alloy and Carbon Steels	AMS 2370	Quality Assurance Sampling and Testing, Carbon and Low-Alloy Steels, Wrought Products and Forging Stock	AMS 2372	Quality Assurance Sampling and Testing, Carbon and Low-Alloy Steel Forgings	AMS 2806	Identification, Bars, Wire, Mechanical Tubing, and Extrusions, Carbon and Alloy Steels and Corrosion and Heat Resistant Steels and Alloys	AMS 2808	Identification, Forgings
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