SAFACIOSPACE An SAE International Group	AEROSPACE MATERIAL SPECIFICATION	SAE, Issued Noncur Cancel Supers	AMS-S-6050B NOV 1998 rent FEB 2003 led FEB 2005 eded by MIL-S-6050
Steel, Chrome-Nickel-Molybdenum (8630) Bars and Reforging Stock (Aircraft Quality)			
CANCELLATION NOTICE			
This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of February, 2005, and has been superseded by MIL-S-6050. The requirements of the latest issue of MIL-S-6050 shall be fulfilled whenever reference is made to the cancelled AMS-S-6050. 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will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by MIL-S-6050. Cancelled specifications are available from SAE.			

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"NONCURRENT" refers to those specifications which have previously been widely used and which may be required on some existing designs in the future. The Aerospace Materials Division, however, does not recommend these specifications for future use in new designs. Each of these "NONCURRENT" specifications is available from SAE upon request.

Similar but not necessarily identical products are covered by the following specification:

AMS 6280, Steel, Bars, Forgings, and Rings, 0.50Cr-0.55Ni-0.20Mo (0.28-0.33C)

This document has been taken directly from U.S. Military Specification MIL-S-6050A, Amendment 2 and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-S-6050A, Amendment 2. Any part numbers established by the original specification remain unchanged.

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- 1. SCOPE:
- 1.1 Scope:

This specification covers steel bars and reforging stock of aircraft quality.

- 1.2 Classification:
- 1.2.1 Physical conditions: Material shall be in one of the following physical conditions, as specified (see 6.2):
 - (A) As forged
 - (B) As rolled
 - (C) Annealed
 - (D) Normalized
 - (E) Normalized and tempered
 - (F) Hardened and tempered
- 1.2.2 Surface conditions: Material shall be in one of the following surface conditions, as specified (see 6.2):
 - (1) Black as forged or rolled
 - (2) Pickled or blast cleaned
 - (3) Rough turned
 - (4) Cold drawn
 - (5) Turned, ground, and polished.