



AEROSPACE MATERIAL SPECIFICATION

AMS5552™**REV. H**

Issued	1960-06
Reaffirmed	2000-09
Revised	2006-03
Cancelled	2011-04
Stabilized	2018-07
Superseding AMS5552G	

Alloy, Corrosion and Heat-Resistant, Sheet, Strip, and Plate

46Fe – 20.5Cr – 32Ni – 1.1Ti

Annealed

(Composition similar to UNS N08801)

RATIONALE

AMS5552H stabilizes this document because while ongoing usage for this commodity has been identified, it represents mature technology that is not expected to change and thus no further revisions are anticipated.

STABILIZED NOTICE

AMS5552H has been declared "STABILIZED" by SAE AMS F Corrosion and Heat Resistant Alloys Committee. This document will no longer be updated and may no longer represent standard industry practice. This document was stabilized because while it is no longer state of the art and no further revisions are anticipated there are identified users of this commodity. Previously this document was cancelled. The last technical update of this document occurred in March, 2006. 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.

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1. SCOPE:

1.1 Form:

This specification covers a corrosion and heat-resistant alloy in the form of sheet, strip, and plate.

1.2 Application:

These products have been used typically for low-stressed parts requiring corrosion and oxidation resistance up to 1800 °F (982 °C), but useful at the higher temperatures only when stresses are low, and where such parts may require welding during fabrication, 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.