

A286 Stainless Steel Sheets - AMS 5525

Typical Applications

General Aerospace Engine Hardware



A286 is a precipitation hardenable alloy.

High nickel and chromium content gives it a good resistance to corrosion up to about 1300 Deg C and Oxidation up to about 1500 Deg F. A286 (UNS S66286) can be age hardened to a high strength level. The alloy is also used for low temperature applications requiring a ductile, non-magnetic high strength material at temperatures ranging from above room temperature down to at least -320 Deg F, The alloy may be used for moderate corrosion applications in aqueous solutions.

Related Products

15 5Ph Stainless Steel

17 4Ph

17 7Ph

431 - 1-4057 STAINLESS STEEL

A286 Bar

A286 Sheet

Aermet 100

Ph 13 8Mo

Technical specification

Related Specifications

AMS 5525

AMS 5858

UNS S66286

Specific Gravity

7.9 g/cm³

Chemical Composition (WT %)

	Min	Max
C	-	0.08
Mn	-	2.0
P	-	0.025
S	-	0.025
Si	-	1.00
Cr	13.5	16
Ni	24	27

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