



ToLand Alloy-Specialty Alloy Quality Approved Vendor

A-286/660 Technical Data

UNS S66286-1.4980-SUH660-X6NiCrTiMoVB25-15-2

Iron-nickel-chromium based superalloy.

General Property:

Density: 7.93 g/cm³

Melting Range: 1371-1427°C

High yield, stress rupture and creep strength below 1202 °F. Premium forming ability.

Chemical Composition:

	Ni	Mn	C	Si	S	Cr	Al	Ti	Mo	P	B	V
Min	24					13.5		1.9	1		0.001	0.1
Max	27	2	0.08	1	0.03	16	0.35	2.35	1.5	0.04	0.01	0.5

Specifications:

ASTM A453, AMS5731, AMS5732, AMS5737

Applications:

High temperature bearing parts of aero engines

Turbine discs

Compressor discs

Rotor blades

High-strength fasteners and springs

Non-magnetic cryogenic equipment

Please turn to our sales to request the Material Test Report (MTR) for your reference.

Overseas Business: zhanglu@toland-alloy.com