



## ToLand Alloy-Specialty Alloy Quality Approved Vendor

### 80A Technical Data

#### Ninomic®80A-UNS N07080-2.4952

Nickel-chromium alloy.

80A keeps high tensile and creep rupture properties up to 1499°F.

Commonly being delivered in precipitation hardened condition.

#### General Property:

Density:8.19 g/cm<sup>3</sup>

Melting Range: 1320 - 1365°C

Fine weldability plus machineability on the base of excellent corrosion resistance and elevated mechanical property.

#### Chemical Composition:

	Ni	Fe	Mn	C	Si	S	Cr	Al	Ti
Min	Balance						18	0.5	1.8
Max	Balance	3	1	0.1	1	0.015	21	1.8	2.7

#### Specifications:

ASTM B637

#### Applications:

Combustion chamber components

Exhaust valves

Marine turbine rotors

Turbine discs

Jet nozzles

High-temperature fasteners

High-strength fasteners

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

Overseas Business: [zhanglu@toland-alloy.com](mailto:zhanglu@toland-alloy.com)

