

AIMTEK NI76 Brazing Alloy

Nominal Composition:	Ni – Balance Cr – 14% B – 3.25% Si – 4.5% Fe – 4.5%
Common Applications:	Jet engine parts; high temperature, high stress parts; lower Carbon content, good for wide gaps and tight tolerances; Aircraft, Missile, Nuclear, Food Processing; Torch brazing
Industry Specifications:	AWS A5.8 BNi-1a AMS4776 MSRR9500/705 EMS54752 Type XIII EMS71005
Forms Available:	Inert Gas Atomized Powder, Paste, Amorphous foil, Preforms
Melting Range:	Solidus 1790°F (977°C) Liquidus 1970°F (1077°C)
Recommended Brazing Temperature:	Vacuum 1970-2200°F (1077-1205°C)

