

HIGH TEMPERATURE / CORROSION RESISTANT ALLOYS

NICKEL 500

Age-hardenable version of alloy 400 for increased strength and hardness.

Used on:

Pumps, shafts, doctors blades and scrapers, oil-well drill collars and instruments, electronic components, springs, valve trim, fasteners.

NICKEL 500 CHEMICAL COMPOSITION

CARBON (C)	0.13
MANGANESE (MN)	0.75
ALUMINIUM (AL)	2.73
SILICON (SI)	0.50
NICKEL (NI)	66.5
COPPER (CU)	29.5
IRON (FE)	1.0
TITANIUM (TI)	0.63

NICKEL 500 TYPICAL APPLICATIONS

OIL WELL DRILL COLLARS
DOCTOR BLADES
PUMP SHAFTS AND IMPELLERS
SPRINGS
ELECTRONIC COMPONENTS
GASOLINE AND FRESH WATER TANKS

future alloys

