Monel K 500 Alloy Balls

General Information
Ni-Cu precipitation hardening alloy, it presents higher hardness and load resistance with respect to Monel 400 alloy but same corrosion resistance. Balls are provide in the passivated state.

Applications
Special Pumps and Valves, they are used in Paper, Chemical, Electronic, Pharmaceutical, Naval, Oil and Gas Industry, Textile industry.

Chemical Composition
C  0.25% Max
Si  0.50% Max
Mn  1.50% Max
S   0.010% Max
Ni  63.00-70.00% Max
Cu  27.00-33.00% Max
Ti  0.35-0.85%
Al  2.30-3.15%
Fe  2.00% Max

Hardness
HRB  75-90

Mechanical Properties
Tensile Strength  920-1020 Mpa
Density            8.42 g/cm3

Size Range     3/64" - 4" max

Standard Grades Available
28, 40, 100, 200, 500, 1000