

## Inconel 625 Alloy Balls

### General Information

Ni based alloy with high corrosion resistance properties, even in very aggressive environments. Balls are provide in the passivated condition.

### Applications

Sea Water Applications, Compressors, Heat Exchangers, Turbines, Special Pumps and Valves. They are used in Aerospace, Chemical, Naval, Military, Nuclear, Oil and Gas Industry, High Temperature Applications.

### Chemical Composition

C	0.100% Max
Si	0.50% Max
Mn	0.50% Max
P	0.015% Max
S	0.015% Max
Cr	20.00 - 23.00 %
Ni	58.00% min
Cu	0.50 Max
Mo	8.00-10.00%
Nb	3.15-4.15%
Co	1.00% Max
Al	0.40% Max
Ti	0.40% Max
Fe	5.00% Max

### Hardness

HRC 30-35

### Mechanical Properties

Tensile Strength 1000-1100 Mpa  
Density 8.42 g/cm<sup>3</sup>

**Size Range** 3/64" - 4" max

### Standard Grades Available

100, 200, 500, 1000