

## Inconel 825 Alloy Balls

### General Information

Austenitic NiCrFe alloy balls, they provide excellent corrosion resistance in aggressive environments, both general and localized.

### Applications

Special Valves for the Chemical Industry.

### Chemical Composition

C	0.050% Max
Si	0.50 Max
Mn	1.00% Max
P	0.020% Max
S	0.030% Max
Cr	19.50 - 23.50 %
Ni	38.00 - 46.00 %
Mo	2.50 - 3.50 %
Cu	1.50 - 3.00 %
Ti	0.60 - 1.20 %
Al	0.20% Max
Fe	22.00 % Min

### Hardness

HRC	25-30
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### Mechanical Properties

Tensile Strength	850-950 Mpa
Density	8.14 g/cm <sup>3</sup>

<b>Size Range</b>	3/64" - 4" max
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### Standard Grades Available

100, 200, 500, 1000