



Nb

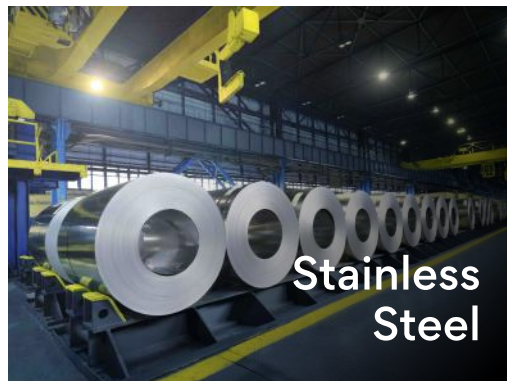
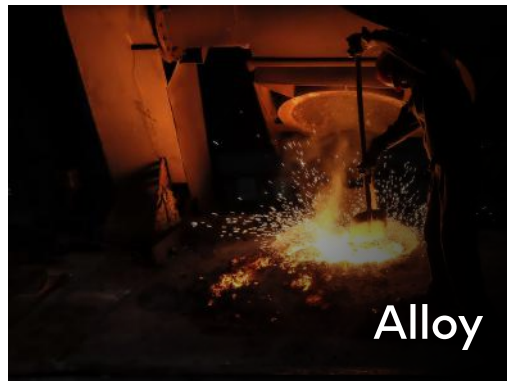


# Niobium Metal

Niobium is a silver-colored metal that is highly resistant to corrosion. It is an essential component of alloys that are of application in the industry for the manufacture of stainless steel. The alloys of niobium are the raw material for the production of rockets and jet engines, rafters and beams for oil rigs and buildings, and pipelines of oil and gas.

## Industrial Applications

Some of Niobium metal's applications are found in industries like



Nb



## Product Specification

### Niobium Metal

Niobium (Nb)	99.5% Min
Molybdenum (Mo)	0.02% Max
Nickel (Ni)	0.005% Max
Iron (Fe)	0.01% Max
Hafnium (Hf)	0.02% Max
Tantalum (Ta)	0.3% Max
Hydrogen (H <sub>2</sub> )	0.0015% Max
Tungsten (W)	0.05% Max
Silicon (Si)	0.005% Max
Carbon (C)	0.01% Max
Aluminium (Al)	0.005% Max
Titanium (Ti)	0.03% Max
Nitrogen (N)	0.01% Max
Oxygen (O)	0.025% Max
Zirconium (Zr)	0.02% Max

