

# Non-Sparking Beryllium Copper Alloy Tool Set

This non-sparking tool set is crafted from copper-beryllium alloy for safe use in potentially explosive environments. It is widely used in industries such as petrochemical, mining, and gas.



## Product Overview

### Non-Sparking Safety Tool Set

This professional-grade tool set is engineered from a specialized copper-beryllium alloy, specifically designed for use in hazardous environments where flammable gases, vapors, or dust are present. These non-sparking tools provide critical safety in industries such as petrochemical, mining, and aerospace by eliminating the risk of ignition during maintenance. Beyond spark resistance, the alloy is non-magnetic and rust-resistant, offering durability and reliability in sensitive clean rooms and chemical processing facilities.

## Material Composition

Beryllium (Be) Content	1.9 %
Nickel (Ni) Content	0.35 %
Other Elements	< 0.6%
Base Metal	Copper (Cu)

## Technical Specifications

Hardness (HB)	283-365
Breaking Strength	112.5 kgf/mm <sup>2</sup>

## Key Features

Safety Attributes	Spark Proof, Non-magnetic, Rust Resistant
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## Applications

### Industries Served

- Petrochemical
- Mining
- Gas Stations
- Railway
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination Plants