

Non-Sparking Beryllium Copper Pincer

This non-sparking pincer is made from beryllium copper alloy. It is suitable for use in environments with flammable or explosive hazards, such as petrochemical plants and mines.



ADDITIONAL IMAGES



Product Overview

Professional Non-Sparking Pincer

This specialized pincer is engineered from high-grade Beryllium Copper alloy, specifically designed for use in hazardous environments where flammable or explosive atmospheres are present. It combines the functionality of a traditional tower pincer or carpenter's pincer with critical safety features, including non-sparking, non-magnetic, and rust-resistant properties. Ideal for professionals in petrochemical, mining, and aerospace industries.

Material Composition

Material Breakdown

Component	Percentage
Beryllium (Be)	1.8% - 2%
Nickel (Ni)	0.1% - 0.6%
Other elements	< 0.6%
Copper (Cu)	Rest

Technical Specifications

Mechanical Properties

283 HB

Hardness (Min)

365 HB

Hardness (Max)

105 kgf/mm²

Breaking Strength (Min)

120 kgf/mm²

Breaking Strength (Max)

Key Features

Safety Attributes

Spark Proof • Non-Magnetic • Rust Resistant

Applications

Suitable Industries

- Petrochemical Industry
- Mining Operations
- Gas Stations
- Railway Maintenance
- Aerospace Industries
- Clean Rooms
- Pharmaceutical Manufacturing
- Shipyards
- Laboratories
- Desalination Plants