

Non-Sparking Parallel Vise 900mm

This non-sparking parallel vise is designed for use in potentially flammable and explosive atmospheres. It is widely used in industries such as petrochemical, mining, gas stations, and railways.



Overview

Safety-First Clamping Solution

This non-sparking parallel vise is engineered for safety in hazardous, flammable, or explosive environments. Constructed from high-strength copper-beryllium alloy, it offers essential protection against ignition risks while providing reliable clamping force. Its non-magnetic and rust-resistant properties make it suitable for specialized industries ranging from petrochemical processing to aerospace and clean room operations.

Technical Specifications

Material Composition

Element	Content
Beryllium (Be)	1.8% - 2%
Nickel (Ni)	0.1% - 0.6%
Other	< 0.6%
Copper (Cu)	Rest

Mechanical Properties

324 HB

Average Hardness

112.5 kgf/mm²

Avg Breaking Strength

Jaw Opening Capacity 170 mm

Total Length 900 mm

Features

Key Characteristics

Spark Proof • Non-magnetic • Rust Resistant

Applications

Suitable Industries

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