

# Beryllium Copper Non-Sparking Slogging Ring Spanner

This non-sparking slogging ring spanner is suitable for use in potentially flammable and explosive environments. It is widely used in industries such as petrochemical, mining, gas stations, and railways.



## Product Overview

### Professional Non-Sparking Slogging Ring Spanner

This slogging ring spanner is engineered from a specialized beryllium copper alloy, designed specifically for safety-critical environments. It provides essential non-sparking, non-magnetic, and rust-resistant properties required for operations in explosive or flammable atmospheres. The design supports heavy-duty torque application, making it an indispensable tool for maintenance in petrochemical, mining, and hazardous industrial settings.

## Material Composition

### Chemical Composition

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

## Technical Specifications

Hardness	HB283-365
Breaking Strength	105 kgf/mm2

## Key Features

Safety Properties	Spark Proof, Non-magnetic, Rust resistant
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## Applications

### Suitable Industries

- Petrochemical industry
- Mining
- Gas stations
- Railway
- Radar stations
- Aerospace industries
- Clean rooms
- Pharmaceutical industries
- Shipyards
- Laboratories
- Desalination plants

### Usage in Dangerous Areas

Designed for use in atmospheres containing mixtures of air with flammable substances, including gases, vapors, mists, or dusts where ignition could lead to rapid combustion spread.