

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.