

Non-Sparking 3/8" Ratchet Wrench Beryllium Bronze Copper Alloy

This non-sparking ratchet wrench is designed for use in hazardous environments. It is suitable for industries like petroleum, chemical, power generation, railroad, and mining.



Overview

Professional Non-Sparking Ratchet Wrench

This 3/8" drive ratchet wrench is engineered specifically for hazardous environments where flammable vapors, liquids, gases, or dusts are present. Constructed from a specialized copper-beryllium alloy, this tool provides essential safety by preventing mechanical sparking during operation. It combines high durability with non-magnetic and rust-resistant properties, making it an ideal choice for critical maintenance tasks in industries ranging from petrochemicals to aerospace.

Technical Specifications

Drive Size	3/8 inch
Hardness	HB283-365
Breaking Strength	105-120 kgf/mm ²

Material Composition

Alloy Composition

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

Key Characteristics

Safety Features

Spark Proof • Non-magnetic • Rust Resistant

Applications

Recommended Industries

- Petrochemical Industry
- Chemical Processing
- Power Generation
- Mining & Milling
- Aerospace
- Radar Stations
- Clean Rooms
- Pharmaceutical Manufacturing
- Shipyards
- Desalination Plants