

Non-Sparking Copper Alloy Offset Wrench

This offset wrench is constructed from a copper alloy that prevents sparks. It is suitable for use in hazardous environments where flammable materials are present.



Product Overview

Safety-First Engineering

This non-sparking offset wrench is engineered for high-risk environments where flammable vapors, gases, and dust are present. Crafted from a specialized copper-beryllium alloy, it offers critical safety features including spark resistance, non-magnetic properties, and rust resistance. The offset handle design provides superior leverage and access to fasteners in recessed or confined spaces, making it an essential tool for industries such as petrochemical, mining, and power generation.

Material Composition

Material Breakdown

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

Technical Specifications

Hardness	HB283-365
Breaking Strength	112 kgf/mm2

Key Features

Core Characteristics

Spark Proof • Non-magnetic • Rust Resistant

Applications

Suitable Industries

- Petrochemical
- Mining
- Power Generation
- Railroad
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination Plants