

Non-Sparking Beryllium Bronze Sliding Handle Extension Bar

This non-sparking extension bar is constructed from beryllium bronze. It is suitable for use in hazardous environments where flammable vapors, liquids, gases, or dusts are present.



Product Overview

Safety-Critical Extension Bar

This non-sparking sliding handle extension bar is engineered from high-strength copper-beryllium alloy, specifically designed for use in hazardous environments where flammable vapors, liquids, or dust are present. Its unique material properties make it both anti-magnetic and highly resistant to rust, ensuring reliable performance in critical sectors such as oil and gas, chemical processing, and mining. The sliding handle design provides enhanced leverage and accessibility, making it a versatile tool for professionals requiring safety and precision in restricted spaces.

Material & Technical Properties

Chemical Composition

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

Mechanical Performance

283 HB

Min Hardness

365 HB

Max Hardness

105 kgf/mm²

Min Breaking Strength

120 kgf/mm²

Max Breaking Strength

Key Features

Tool Characteristics

Spark Proof • Non-magnetic • Rust Resistant

Applications

Suitable Industries

- Petrochemical Industry
- Oil & Gas
- Mining
- Aerospace
- Radar Stations
- Pharmaceuticals
- Shipyards
- Laboratories
- Desalination Plants
- Clean Rooms