

Non-Sparking Beryllium Bronze Sledge Hammer

This sledge hammer is made from beryllium bronze, which reduces the risk of sparks. It is suitable for applications requiring high impact force in industries like oil and gas, mining, and chemical processing.



ADDITIONAL IMAGES



Product Overview

Safety-First Industrial Sledge Hammer

This non-sparking sledge hammer is precision forged from high-grade Beryllium Bronze, engineered specifically for hazardous environments where explosive or flammable vapors are present. Designed to prevent sparks during impact, it is an essential tool for maintenance work in oil and gas, petrochemical, and power generation industries. The tool combines exceptional tensile strength with corrosion resistance to ensure reliability and safety in critical industrial applications.

Technical Specifications

Material Composition

Element	Beryllium Bronze	Aluminum Bronze
Be	1.8% - 2.3%	-
Al	-	10% - 12%
Ni	0.2% - 0.5%	4% - 6%
Fe+Mn	-	< 5.8%
Others	< 0.5%	-

Mechanical Properties

42 HRC

Max Hardness (Be-Bronze)

1300 N/mm²

Tensile Strength (Be-Bronze)

35 HRC

Max Hardness (Al-Bronze)

800 N/mm²

Tensile Strength (Al-Bronze)

Safety & Compliance

Key Safety Features

- Non-sparking
- Non-magnetic
- Corrosion resistant
- Ex ATEX zone compatible

Certifications

ISO9001:2000, FM Approved, TUV Approved, UKAS Approved

Manufacturing Details

Manufacturing Process

Die Forged

Packaging

Export strong carton