

# Non-Sparking Sledge Hammer

This non-sparking sledge hammer is designed for use in potentially explosive environments. It is constructed from non-ferrous materials to prevent the generation of sparks during impact.



## ADDITIONAL IMAGES



## Product Overview

### Professional Non-Sparking Safety Tools

These forged non-sparking sledge hammers are engineered for safe operation in hazardous industrial environments, including ATEX zones. Designed to prevent spark generation during impact, they are essential for maintenance and demolition tasks in oil and gas production, petrochemical plants, and other explosive-risk areas. Each tool is crafted for durability, precision, and high tensile strength to ensure reliable performance under demanding conditions.

## Technical Specifications

### Certifications

ISO9001:2000 • FM (USA) • TUV (Germany) • UKAS (UK)

### Manufacturing Process

Die Forged

### Key Features

Non-sparking, Non-magnetic, Corrosion resistant

## Material Analysis

### Material Performance

Property	Copper-Beryllium	Aluminum-Bronze
Hardness	35-40 HRC	20-30 HRC
Tensile Strength	1117-1326 N/mm <sup>2</sup>	782-989 N/mm <sup>2</sup>
Ex Zone Rating	GBEx aC	GBEx aB

### Copper-Beryllium Composition

- Be: 1.8% - 2.3%
- Ni: 0.2% - 0.5%
- Cu: Rest
- Others: < 0.5%

### Aluminum-Bronze Composition

- Al: 10% - 12%
- Ni: 4% - 6%
- Fe+Mn: < 5.8%
- Cu: Rest

## Performance Metrics

### Performance Highlights

**42 HRC**

Max Hardness (Cu-Be)

**1300 N/mm<sup>2</sup>**

Max Tensile Strength