

# Non-Sparking Ball Pein Hammer

This non-sparking ball pein hammer is designed for safe use in potentially explosive environments. It is made from specialized alloys to eliminate the risk of sparks during striking.



## Product Overview

### Professional Non-Sparking Safety Tool

This precision-engineered ball pein hammer is designed for critical safety applications in hazardous environments, including oil, gas, chemical processing, and mining. Crafted from specialized non-sparking alloys, it effectively eliminates the risk of sparks during striking operations. The tool features a versatile ball pein head suitable for shaping and forming metal, ensuring both safety and performance in explosive atmospheres.

## Technical Specifications

### Available Weights

- 230
- 340
- 450
- 680
- 910
- 1130

### Available Materials

Be-Cu, Al-Cu

## Material Comparison

### Alloy Comparison Guide

Feature	Aluminum-Bronze (AlBr)	Copper-Beryllium (CuBe2)
ATEX Compatibility	Zones 1, 2, 21, 22	Zones 0, 1, 2, 20, 21, 22
Hardness	27 HRC	38 HRC
Durability	Moderate	High
Magnetic Properties	Low magnetism	Non-ferrous

### Chemical Composition

Aluminum-Bronze (AlBr) is composed of Al: 10.3%, Fe: 4.5%, Ni: 4.5%, Other: 0.5%, with Copper as the balance. Copper-Beryllium (CuBe2) is composed of Be: 1.9%, Co + Ni: 0.4%, Other: 0.5%, with Copper as the balance.

## Safety & Compliance

### Safety Standards

ATEX Compliant • Non-Sparking • Explosion-Proof