

Non-Sparking Sledge Hammer

This sledge hammer is designed for use in environments where flammable or explosive materials are present. The head is constructed from non-sparking materials such as brass or bronze.



Product Overview

Safety-Critical Sledge Hammer

This German-type sledge hammer is engineered specifically for hazardous environments where the risk of ignition must be minimized. Constructed from specialized non-sparking alloys, it provides a safe, reliable solution for striking applications in explosive or flammable atmospheres. The tool is available in multiple material compositions to suit specific hardness and tensile strength requirements.

Technical Specifications

Available Colors

Natural • Green • Optional

Available Materials

Aluminum-Bronze, Beryllium-Bronze, Copper Alloy

Production Technique

Casting Or Forging

Finish

Mirror Polished Or Electrostatic Spraying

Performance Metrics

Hardness

25 HRC

Aluminum-Bronze

35 HRC

Beryllium-Bronze

Tensile Strength

80 kgf/mm

Aluminum-Bronze (Avg)

112.5 kgf/mm

Beryllium-Bronze (Avg)

Compliance

Certifications

ISO9001, UKAS Certificate

Material Composition Details

Alloy Composition Table

Alloy Type	Composition Details
Beryllium Bronze	Al: 0.15%, Fe: 0.15%, Si: 0.15%, Ni: 0.2-0.4%, Ti: 0.1-0.25%, Be: 1.8-2.0%, Cu Other: 0.6%
Aluminum Bronze	Al: 9-10%, Mn: 3-5%, Fe: 3-4%, Ni: 5%, Cu
Copper Alloy	Al: 9%, Co: 8%, Ni: 2-3%, Cu