Non-Sparking Chisel with Octagon Shaft

This non-sparking chisel is designed for use in environments where flammable or explosive materials are present. Its octagon shaft provides enhanced durability and precision for various chiseling tasks.

Product Overview

Safety-First Industrial Chisel

This non-sparking chisel is engineered for maintenance and construction tasks in hazardous environments, such as oil and gas production, petro-chemical plants, and explosive manufacturing facilities. Forged from high-strength copper-beryllium or aluminum-bronze alloys, it is specifically designed to prevent sparks during impact, ensuring compliance with ATEX safety standards. The tool features an octagon shaft design for improved grip and durability, offering a reliable, corrosion-resistant solution for professional industrial use.

Technical Specifications

Certifications

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

Manufacturing Process	Die Forged
Key Features	Non-Sparking, Non-Magnetic, Corrosion Resistant, ATEX Approved

Material Properties

Alloy Performance Comparison

Property	Copper-Beryllium	Aluminum-Bronze
Hardness	35-40 HRC	20-30 HRC
Tensile Strength	1117-1326 N/mm²	782-989 N/mm²
Standard	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