

Non-Sparking Beryllium Bronze Safety Axe

This non-sparking safety axe is designed for cutting applications. It is commonly used by firefighters in environments where flammable materials may be present.



ADDITIONAL IMAGES



Product Overview

Professional Safety Axe

This non-sparking safety axe is forged to ensure maximum tensile strength and reliability in hazardous industrial environments. Specifically engineered for use in Ex ATEX zones, it prevents sparking during impacts, making it an essential tool for oil and gas production, petrochemical plants, and explosive manufacturing facilities. The tool offers superior durability, corrosion resistance, and is non-magnetic, ensuring safety and efficiency in critical operations.

Technical Specifications

Material Composition

Component	Beryllium Copper	Aluminum Bronze
Be	1.8% - 2.3%	-
Al	-	10% - 12%
Ni	0.2% - 0.5%	4% - 6%
Cu	Rest	Rest

Performance Metrics

42 HRC

Beryllium Bronze Hardness

1300 N/mm²

Beryllium Bronze Tensile Strength

35 HRC

Aluminum Bronze Hardness

800 N/mm²

Aluminum Bronze Tensile Strength

Certifications & Standards

Approvals & Standards

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

Features

Key Features

- Non-sparking for hazardous environments
- Non-magnetic properties
- Corrosion resistant
- Die forged manufacturing process
- Suitable for Ex ATEX zones