

Non-Sparking Beryllium Bronze Tool Set

This set features non-sparking tools made from beryllium bronze. It is ATEX approved for use in potentially explosive environments and includes a variety of tools such as hammers, wrenches, and pliers.



Product Overview

Professional Non-Sparking Safety Tools

Engineered for hazardous industrial environments, these non-sparking tools are designed to prevent ignition risks in explosive or flammable atmospheres. Forged for maximum tensile strength and durability, they are essential for maintenance work in ATEX zones, oil and gas production, and petrochemical facilities. The tools are corrosion-resistant, non-magnetic, and manufactured to meet rigorous international safety standards.

Material Specifications

Beryllium Copper Performance

40 HRC
Max Hardness

1326 N/mm²
Max Tensile Strength

Aluminum Bronze Performance

30 HRC
Max Hardness

989 N/mm²
Max Tensile Strength

Available Alloys

Copper-Beryllium, Aluminum-Bronze

Compliance & Standards

Certifications

ISO 9001:2000 • FM (USA) • TUV (Germany) • UKAS (UK) • ATEX Compliant

Technical Features

Key Features

- Non-sparking
- Non-magnetic
- Corrosion resistant
- Die forged construction
- High tensile strength

Alloy Composition

Element	Beryllium Copper	Aluminum Bronze
Be	1.8% - 2.3%	-
Al	-	10% - 12%
Ni	0.2% - 0.5%	4% - 6%
Fe+Mn	-	< 5.8%
Others	< 0.5%	-