

Non-Sparking Beryllium Bronze Ratchet Wrench

This non-sparking ratchet wrench is designed for use in hazardous environments. Constructed from beryllium bronze, the wrench is spark-resistant, explosion-proof, and ATEX approved.



ADDITIONAL IMAGES



Product Overview

Safety-Critical Industrial Tooling

This non-sparking ratchet wrench is precision-forged from high-grade beryllium bronze, specifically engineered for maintenance operations in hazardous Ex ATEX zones. Designed to prevent ignition risks, it is ideal for use in oil and gas, petrochemical, and explosive manufacturing environments where safety is paramount. The tool combines exceptional tensile strength with non-magnetic and corrosion-resistant properties, ensuring reliable performance in demanding industrial conditions.

Technical Specifications

Beryllium Copper Composition

Element	Content
Beryllium (Be)	1.8% - 2.3%
Nickel (Ni)	0.2% - 0.5%
Copper (Cu)	Rest
Others	< 0.5%

Performance Metrics

42 HRC

Hardness (Beryllium Bronze)

1300 N/mm²

Tensile Strength

Key Features

Certifications

ISO 9001:2000 • FM Approved • TUV Approved • UKAS Approved

Core Attributes

Non-sparking, Non-magnetic, Corrosion resistant, Die Forged

Material Options

Material Performance Comparison

Material	Hardness	Tensile Strength
Beryllium Bronze	42 HRC	1,300 N/mm ²
Aluminum Bronze	35 HRC	800 N/mm ²