# Non-Sparking Joint Pliers

These die-forged pliers feature an adjustable upper jaw that slides along a tracking section. They are commonly used for turning and holding bolts and nuts, gripping irregularly shaped objects, and clamping materials.

ADDITIONAL IMAGES

## Product Overview

### Safety-First Engineering for Hazardous Environments

These non-sparking joint pliers are precision-forged to deliver maximum tensile strength and reliability in high-risk industrial settings. Specifically engineered for ATEX-regulated zones, they eliminate the risk of sparking during impact or friction, making them essential for oil, gas, and petrochemical maintenance. Available in two specialized alloy compositions, these tools combine corrosion resistance with non-magnetic properties to ensure safety and durability in explosive or flammable atmospheres.

## Technical Specifications

| | |
|---|---|
| **Manufacturing Process** | Die Forged |
| **Key Features** | Non-sparking, Non-magnetic, Corrosion resistant, ATEX Approved |

## Material Properties

**Available Materials**

- Copper-Beryllium Alloy
- Aluminum-Bronze Alloy

**Material Performance Data**

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

## Compliance & Certification

**Certifications**

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

## Performance Metrics

### Performance Metrics

| 42 HRC | 1300 N/mm² |
| --- | --- |
| Max Hardness (Cu-Be) | Max Tensile Strength |


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