

# Non-Sparking Pry Bar

This non-sparking pry bar is used for prying, moving, rolling, or lifting heavy objects. It is die forged for enhanced durability.



## Overview

### Industrial Safety Pry Bar

Designed for demanding industrial environments, this non-sparking pry bar is essential for maintenance in hazardous, explosive, or inflammable atmospheres. Forged from high-strength alloys, it eliminates the risk of sparks during impact, making it ideal for oil, gas, and petrochemical applications. These tools are engineered for durability, corrosion resistance, and precision, ensuring reliable performance in ATEX-rated zones.

## Technical Specifications

### Certifications

ISO9001:2000 • FM Approved • TUV Approved • UKAS Approved • ATEX Compliant

### Key Features

Non-Sparking, Non-Magnetic, Corrosion Resistant, Die Forged

## Material Performance

### Alloy Performance Comparison

| Property         | Copper-Beryllium            | Aluminum-Bronze           |
|------------------|-----------------------------|---------------------------|
| Hardness         | 35-40 HRC                   | 20-30 HRC                 |
| Tensile Strength | 1117-1326 N/mm <sup>2</sup> | 782-989 N/mm <sup>2</sup> |
| Compliance       | GBEx aC                     | GBEx aB                   |

### Copper-Beryllium Composition

- Beryllium (Be): 1.8% - 2.3%
- Nickel (Ni): 0.2% - 0.5%
- Copper (Cu): Balance
- Others: < 0.5%

### Aluminum-Bronze Composition

- Aluminum (Al): 10% - 12%
- Nickel (Ni): 4% - 6%
- Iron+Manganese (Fe+Mn): < 5.8%
- Copper (Cu): Balance

## Performance Metrics

### Max Tensile Strength (Cu-Be)

**1300 N/mm<sup>2</sup>**

Tensile Strength