

# Non-Sparking Copper Beryllium Wire Cutter with Long Handle

This non-sparking wire cutter is constructed from copper beryllium alloy for safe operation in potentially explosive environments. Its long 600mm handle provides increased leverage and cutting power.



## Product Overview

### Professional Safety Wire Cutter

This non-sparking wire cutter is engineered for high-risk environments where flammable or explosive atmospheres are present. Constructed from a durable copper-beryllium alloy, it provides essential safety features including spark resistance, non-magnetic properties, and rust resistance. With a substantial 600mm handle, this tool offers the necessary leverage for demanding industrial cutting tasks in sectors like petrochemicals, mining, and aerospace.

## Technical Specifications

### Material Composition

Element	Content
Beryllium (Be)	1.8% - 2%
Nickel (Ni)	0.1% - 0.6%
Other elements	< 0.6%
Copper (Cu)	Rest

Hardness	HB283-365
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Breaking Strength	112.5 kgf/mm <sup>2</sup>
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## Physical Dimensions

Total Length	600 mm
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## Key Features

Key Characteristics	Spark Proof, Non-magnetic, Rust resistant
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## Application

### Recommended Industries

- Petrochemical industry
- Mining
- Gas stations
- Railway
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination plants