

# Non-Sparking Circlip Pliers with Invisible Spring

These non-sparking pliers are designed for use in potentially explosive atmospheres. They are widely used in industries such as petrochemical, mining, and railway.



## ADDITIONAL IMAGES



## Product Overview

### Safety-First Precision Tools

These specialized non-sparking pliers are engineered for safe operation in hazardous, flammable, and explosive environments. Constructed from high-quality copper-beryllium alloy, they provide a reliable solution for petrochemical, mining, and gas station applications. Featuring an integrated invisible spring mechanism and a needle-nose design, these tools ensure precise control for external circlip installation and removal in tight spaces.

## Technical Specifications

### Material Composition

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

### Material Properties

**283 HB**

Hardness (Min)

**365 HB**

Hardness (Max)

**120 kgf/mm<sup>2</sup>**

Breaking Strength (Max)

## Features

### Key Characteristics

Spark Proof • Non-magnetic • Rust resistant

### Available Sizes

8 inch, 10 inch

## Applications

### Recommended Industries

- Petrochemical Industry
- Mining
- Gas Stations
- Railway
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination Plants