

# Non-Sparking Box End Wrench and Adjustable Spanner Set

This set includes non-sparking box end wrenches and adjustable spanners. They are made from aluminum copper or beryllium copper for safe use in potentially explosive environments.



## Overview

### Safety-Critical Non-Sparking Tools

These non-sparking tools are engineered for use in high-risk environments where explosive gases or vapors are present, such as petroleum refineries, chemical plants, gas stations, and mining operations. Designed to prevent sparks during impact or friction, they provide an essential safety layer for professional maintenance crews. The set includes durable box end wrenches and adjustable spanners, manufactured using specialized copper alloys to ensure both reliability and safety.

## Material Properties

### Material Specifications

Property	Aluminum Bronze	Beryllium Bronze
Hardness	25 HRC	35 HRC
Tensile Strength	75-85 kgf/mm	105-120 kgf/mm

## Technical Specifications

### Manufacturing Details

- Technology: Casting or Forging
- Finish: Polished or Electrostatic Spraying

### Available Materials

Aluminum-Copper Alloy, Beryllium-Copper Alloy

## Size Availability

Metric Sizes (mm)	5.5*7, 6*7, 8*10, 9*11, 10*12, 12*14, 14*17, 16*18, 17*19, 19*22, 22*24, 24*27, 27*30, 30*32, 32*34, 32*36, 34*36, 36*38, 36*41, 38*41, 41*46, 46*50, 50*55, 55*60, 60*65, 65*70, 70*75, 65*75
Imperial Sizes (inches)	1/4*5/16, 5/16*3/8, 3/8*7/16, 7/16*1/2, 1/2*9/16, 9/16*5/8, 5/8-11/16, 11/16*3/4, 3/4*13/16, 13/16*7/8, 7/8*15/16, 15/16*1, 1*1-1/16, 1-1/16*1-1/8, 1-1/8*1-3/16, 1-3/16*1-1/4, 1-1/4*1-5/16, 1-5/16*1-3/8, 1-3/8*1-7/16, 1-7/16*1-5/8, 1-5/8*1-13/16, 1-3/16*2, 1-11/16*1-7/8, 2-3/16*2-3/8, 2-9/16*2-31/32, 2-7/8*2-3/4, 2-5/8*2-7/16, 2-1/4*2-1/8