

Non-Sparking Adjustable Wrench

This non-sparking adjustable wrench is suitable for use in hazardous environments. It is made from aluminum bronze and features an adjustable jaw to accommodate various fastener sizes.



Overview

Safety-First Engineering

This non-sparking adjustable wrench is engineered for high-risk environments where flammable vapors, liquids, gases, or dusts are present. Manufactured using a large friction press rolling process, it ensures high strength, stable mechanical properties, and a long service life. Designed for critical sectors such as petroleum, chemical, power generation, and mining, this tool eliminates the risk of ignition during strikes or collisions.

Material Composition

Alloy Composition Details

- Beryllium Bronze: Al: 0.15%, Fe: 0.15%, Si: 0.15%, Ni: 0.2-0.4%, Ti: 0.1-0.25%, Be: 1.8-2.0%, Cu Other: 0.6%
- Aluminum Bronze: Al: 9-10%, Mn: 3-5%, Fe: 3-4%, Ni: 5%, Cu Balance
- Copper Alloy: Al: 9%, Co: 8%, Ni: 2-3%, Cu Balance

Available Alloys

Beryllium Copper, Aluminum Bronze, Copper Alloy

Technical Details

Size Range	4" - 24" (100mm - 600mm)
Production Process	Casting and Whole Forging
Surface Treatment	Polishing
Color	Natural Color

Technical Data

Size and Weight Specifications

Item ID	Length (mm)	Max Opening (mm)	Al-Cu Weight (g)	Be-Cu Weight (g)
101	100	13	30	33.2
102	150	18	120	133
103	200	24	200	227
104	250	30	400	455

Applications

Suitable Industries

Petroleum • Chemical • Power Generation • Railroad • Mining