

## Aluminum Head Aluminum Rod

The Aluminum head aluminum rod is a sacrificial anode product used in high-temperature, highly corrosive environments such as heater treaters, heat exchangers, and brine storage tanks. The aluminum rod features a cylindrical shape and is specifically designed for vessels that require efficient protection within limited spaces. It is cast from high-voltage, high-potential aluminum alloy, providing excellent cathodic protection in high-temperature saline or brackish water environments.

### KEY FEATURES

- 1.Uniform Current Distribution
- 2.High-Temperature Performance
- 3.Easy Installation & Maintenance
- 4.Long Service Life
- 5.Compact Design

### PRODUCT SPECIFICATIONS

**Head Material:**Aluminium alloy

**Anode Diameter:**Up to 3 inches

**Anode Length:**Up to 60 inches

**One-Piece / Two-Piece:**Both options available

**Mounting Head:**4-inch Schedule 80/40 Victaulic nipple

**Thread Type:**3/4 inch UNC full thread

**Exposed Length:**6 inches (152 mm)(customizable)

**Closed potential(-v):**1.10-1.15

**Actual capacitance(A.h/kg):**≥2500

**Anode Chemical Composition(%):**

| Zn      | In        | Si        | Cu     | Fe     | Cd     | Others | Al        |
|---------|-----------|-----------|--------|--------|--------|--------|-----------|
| 2.8-6.5 | 0.01-0.02 | 0.08-0.20 | ≤0.006 | ≤0.013 | ≤0.002 | ≤0.10  | Remainder |

### APPLICATIONS

The aluminum head aluminum rods are primarily used inside equipment such as heater treaters, heat exchangers, desalters, brine storage tanks, and water phase separators in the oil and gas, petrochemical refining, and marine engineering industries.

