

Zinc-Plated Carbon Steel Head Aluminum Rod

The Zinc-Plated Carbon Steel 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 brack-



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:Zinc-Plated Carbon Steel

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 Zinc-Plated Carbon Steel 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.