

Zinc Pier/Piling/Ballast Tank Anodes

High output zinc anodes are produced to standard alloy compositions conforming to Military Specifications MIL-A-1801J, ASTM-B-418, Type I. These alloys are designed to protect steel in seawater environments and contain more than 99% pure zinc. High output zinc anodes operate at a nominal galvanic efficiency of 95% in seawater. Galvanic efficiency directly impacts anode life and performance. These anodes resist the formation of hard, dense corrosion products and continue producing protective current until complete consumptions. The extended service life results in fewer replacements and reduced operating costs.

Contains single galvanized steel longitudinal strap. Can be bolted or welded to hull. Particularly suited for smaller ships, coastal vessels, harbor tugs, etc.

Typical Applications

Offshore anodes are primarily designed for weld attachment to steel risers or structural supports. Zinc anodes are not recommended for applications where temperature exceeds 120°F.

GA-BTZ Series

The core consists of two galvanized steel flat bars welded to a mild steel rod. Anodes can be clamped, welded or bolted to ballast tank structures.

Product Number	Wt.		W		H		L		LC		Rating (amp-yrs)
	Lb	Kg	in	mm	in	mm	in	mm	in	mm	
GA-BTZ-27	27	12.3	1	36	1	36	48	1219	60	1524	1
GA- BTZ-50	50	22.7	2	51	2	51	48	1219	60	1524	1
GA- BTZ-60	60	27.2	2	51	2	51	60	1524	72	1829	2.25
GA- BTZ-70	70	31.8	2-1/2	64	2-1/2	65	48	1219	60	1524	2.5
GA- BTZ-100	100	45.4	2-1/2	102	2-1/2	102	60	1524	72	1829	4

Electrochemical Properties:

- Electrode Potential (CuCuSO4) -1.10 V
- Nominal Ampere Hours/Pound: 353
- Nominal Efficiency: 95%

