



ZINC TANK ANODES


REVISION 1

APPLICATION

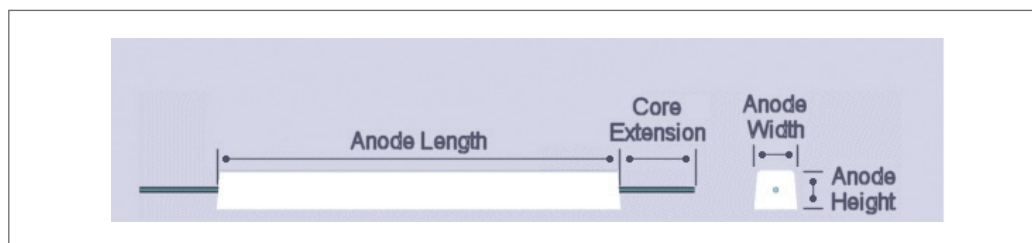
Zinc has been used as a sacrificial anode material in seawater since 1824. Modern zinc anodes used for Cathodic Protection are cast from high purity zinc (99.99%) alloyed with aluminium and cadmium with limitations on the level of lead, iron and copper.

Typical applications include, submarine pipelines, ballast tanks, offshore structures, storage tank internals, quay walls, water tanks, marine applications and ships hulls.

ZINC COMPOSITION

Specification Code	US Mil Spec 18001 K
Cu	0.005% Max
Al	0.10 - 0.50%
Fe	0.005% Max
Cd	0.025 - 0.07%
Pb	0.006% Max
Others (total)	0.10% Max
Zn	Remainder
Potential Ag/AgCl	-1.05 + 0.05 V
Capacity	780 Amp.hours/kg Min

STANDARD TANK ANODE SIZES



Anodes Type XT	Length (mm)	Core Extension (mm)	Width (mm)	Height (mm)	Core Diameter (mm)	Net Weight (kg)	Gross Weight (kg)
81	1197	227	51	51	12	8.1	9.6
102	1508	227	51	51	12	10.2	12.0
116	1225	227	60	60	12	11.6	13.1
132	1504	227	54	62	12	13.2	15.0
160	1478	227	64	64	12	16.0	17.7
188	1223	227	76	76	12	18.8	20.3