



ZINC HULL ANODES


REVISION 1

APPLICATION

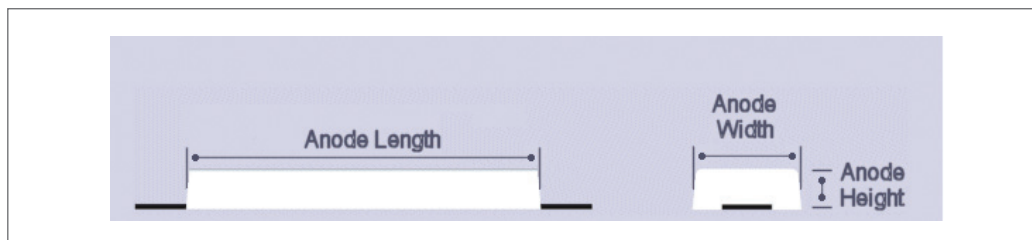
Zinc has been used as a sacrificial anode material in seawater since 1824. Modern zinc anodes used for Cathodic Protection are cast from high purity zinc (99.99%) alloyed with aluminium and cadmium with limitations on the level of lead, iron and copper.

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 Ampere Hours	780 Amp.hours/kg Min










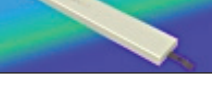
STANDARD HULL ANODE SIZES





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Anode Type XH	Overall Dimensions (mm)				Anode Body (mm)			Weights (kg)	
	View	Length	Width	Depth	Length	Width	Depth	Net	Gross
13XH		254	102	38	152	102	38	1.3	1.6
28XH		394	127	32	318	127	32	2.8	3.5
36XH		457	152	32	355	152	32	3.6	4.5
63XH		826	85	49	610	85	49	6.3	7.8
76XH		826	102	49	610	102	49	7.6	9.1
93XH		826	140	43	610	140	43	9.3	10.8
124XH		826	138	65	605	138	65	12.4	13.9
200XH		826	286	80	838	133	80	20.0	22.5
320XH		1422	152	64	1219	152	64	32.0	35.4
352XH		1435	175	65.5	1219	175	65.5	35.2	38.6