

**SACRIFICIAL ANODE**

# Hull Sacrificial Anode

Sacrificial anode is a protecting cathode unit for metal constructions in marine and harbor industries.its properties are in compliance with the requirement of the GB/T 4950-2002. ZAC and AZI corrosio...

- ISO9001 Supplier
- Class Certificate
- Export Supply



### Key Highlights

<b>Category</b>	Sacrificial Anode
<b>Standard</b>	DIN
<b>Material</b>	zinc,aluminium or other.
<b>Weight / Size</b>	ZAC and AZI corrosion-proof sacrificial anode are synthesized mainly by ...
<b>Certificate</b>	BV, CCS, mill certificate etc.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

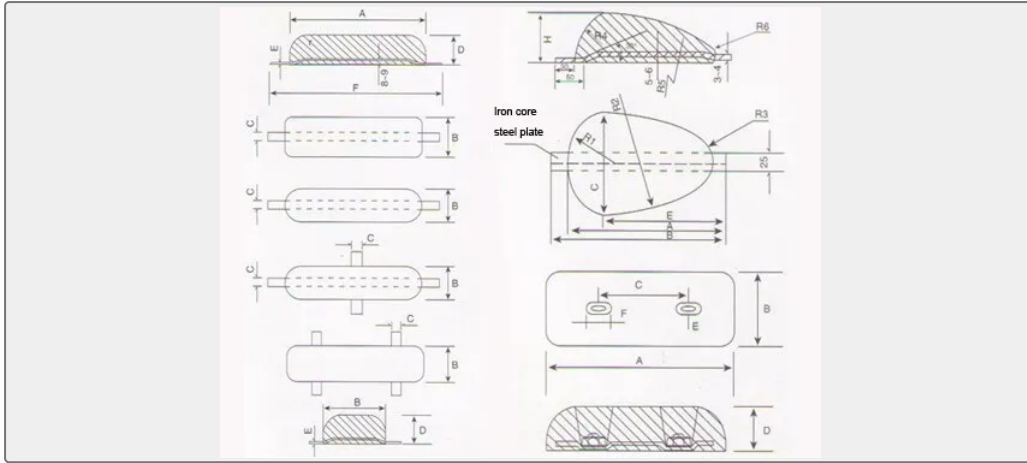
<b>Category</b>	Sacrificial Anode	<b>Model / SKU</b>	Hull-Sacrificial-Anode
<b>Standard</b>	DIN	<b>Material</b>	zinc,aluminium or other.
<b>Weight / Size</b>	ZAC and AZI corrosion-proof sacrificial anode are synthesized mainly by high-purity (99.998%min) Zinc and fine Aluminum.Cadmium and Indium elements.They are the idea special corrosion - proof materials for protecting steel like matter when used under sea and ground ,ZAC is one of the outstanding cacrificial anodes.	<b>Certificate</b>	BV, CCS, mill certificate etc.
<b>Warranty</b>	12 Months unless specified otherwise	<b>Origin</b>	China

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- China Hull Sacrificial Anode:
- Chemical Composition and Electrochemical Properties

0.039038s

## China Hull Sacrificial Anode:



Sacrificial anode is a protecting cathode unit for metal constructions in marine and harbor industries.its properties are in compliance with the requirement of the GB/T 4950-2002.

ZAC and AZI corrosion-proof sacrificial anode are synthesized mainly by high-purity (99.998%min) Zinc and fine Aluminum.Cadmium and Indium elements.They are the idea special corrosion - proof materials for protecting steel like matter when used under sea and ground ,ZAC is one of the outstanding sacrificial anodes. This product has been approved by China Vessel Inspection Bureau , Its quality specification meets the standard of GB4905-85,GB4948-85.

### Application Scope

Ship Offshore engineering Dock and harbor Structure.Landing facilities used underground and under water Submerged pipelines,Oil storage tanks,Electric power station

## Chemical Composition and Electrochemical Propoties:

ZAC Sacrificial Anode Chemical Composition							
Chemical Composition	Chemical Composition, %						Zn
Type	AL	CD	Fe	Cu	Pb	Si	
ZAC, %	0.3 ~ 0.6	0.05 ~ 0.12	≤0.005	≤0.005	≤0.006	≤0.125	remainder

ZAC Sacrificial Anode Electrochemical Propoties					
item	open potential V	Operating potential V	actual capacitance A.h/kg	current efficiency %	dissolved status
electrochemical propoties	-1.09 ~ -1.05	-1.05 ~ -1.00	≥780	≥95	corrosion product flakes off easily argues the uniform dissolution

Note: the media is artificial seawater, the reference electrode is calomel

AZI Sacrificial Anode Chemical Composition								
Chemical Composition	Chemical Composition, %							
Type	Zn	In	Cd	Sn	Mg	Si	Fe	
								0.039038s

AZI-Cd	2.5 ~ 4.5	0.018 ~ 0.050	0.005 ~ 0.020	-	-	≤0.13	≤0.1 6	≤0.0 2	remainde r
AZI-Sn	2.2 ~ 5.2	0.020 ~ 0.045	-	0.018 ~ 0.035	-	≤0.13	≤0.1 6	≤0.0 2	remainde r
AZI-Si	5.5 ~ 7.0	0.025 ~ 0.035	-	-	-	0.10 ~ 0.15	≤0.1 6	≤0.0 2	remainde r
AZI-Sn-Mg	2.5 ~ 4.0	0.020 ~ 0.050	-	0.025 ~ 0.075	0.50 ~ 1.00	≤0.13	≤0.1 6	≤0.0 2	remainde r

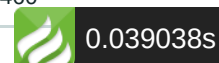
## AZI Sacrificial Anode Electrochemical Properties

item	open potential V	Operating potential V	actual capacitance A.h/kg	current efficiency %	dissolved status
electrochemical properties	-1.18 ~ -1.10	-1.12 ~ -1.05	≥2400	≥85	corrosion product flakes off easily argues the uniform dissolution

Note: the media is artificial seawater, the reference electrode is calomel

Type	Size					
	A	B	C	D	E	F
ZAC	180	70	30	35	3	340
ZAC	200	100	30	35	3	360
ZAC	200	100	30	30	3	360
ZAC	250	100	40	35	4	410
ZAC	300	100	40	35	4	460
ZAC	300	150	40	30	4	460
ZAC	300	150	40	50	4	460
ZAC	400	100	40	35	4	560
ZAC	400	100	40	35	4	560
ZAC	500	100	40	40	4	660
ZAC	800	140	40	40	4	960
Note:	For some special requirements, we can manufacture the products according to the drawing and the sample.					

Type	Size					
	A	B	C	D	E	F
AZI	180	70	30	35	3	340
AZI	250	100	40	35	4	410
AZI	300	100	40	35	4	460



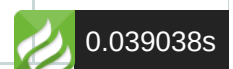
AZI	400	100	40	35	4	560
AZI	400	120	40	35	4	560
AZI	500	100	40	40	4	660
AZI	500	140	40	35	4	660
AZI	800	140	40	40	4	960

Note: For some special requirements, we can manufacture the products according to the drawing and the sample.

Type	Size										
	A	B	C	H	L	R1	R2	R3	R4	R5	R6
AZI	280	340	150	70	215	76	410	30	65	410	15
ZAC											
AZI	230	290	75	40	143	35	410	20	35	410	17
ZAC											
AZI	180	240	60	30	112	30	410	20	26	410	17
ZAC											

Note: For some special requirements, we can manufacture the products according to the drawing and the sample.

Type	Size					
	A	B	C	D	E	F
ZAC	150	70	80	20	20	18
AZI						
ZAC	200	100	110	20	20	18
AZI						
ZAC	200	100	110	30	26	22
AZI						
ZAC	200	100	110	40	26	22
AZI						
ZAC	300	150	160	25	26	22
AZI						
ZAC	300	150	160	30	26	22
AZI						
ZAC	300	150	160	40	26	22
AZI						



ZAC	440	200	230	40	50	22
AZI						
Note:	For some special requirements, we can manufacture the products according to the drawing and the sample.					