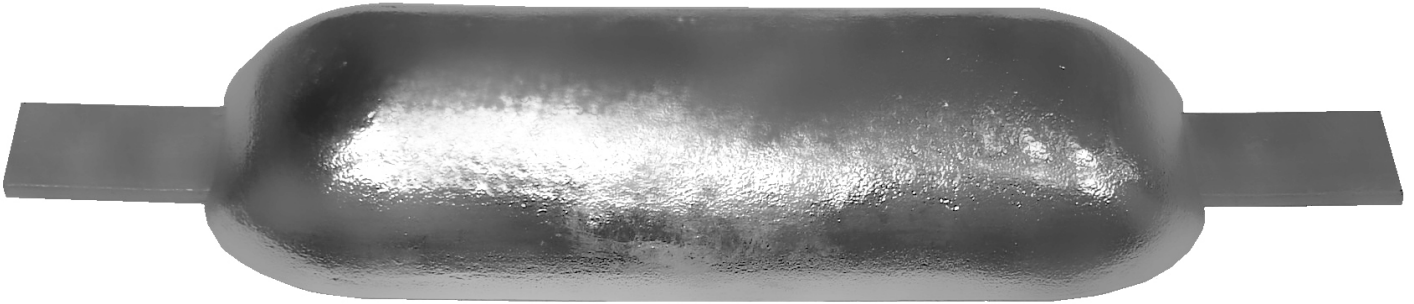


ZINC ALLOY SACRIFICIAL ANODE



A TYPICAL SHIP HULL ANODE FOR PROTECTION OF YOUR VESSEL

Zinc Sacrificial Anode are cast from high grade zinc alloyed to ensure an even corrosion pattern, reliable electrical efficiency and long working life. Zinc anodes protective properties result from a strongly negative reduction potential, which is more negative

than the metal it is protecting. Oxidants, which corrode metals, will oxidize the zinc anode rather than the protected metal structure, thus preventing the structure from being corroded. The anodes are made to meet ASTM B418 type I standard and U.S. MIL-A-18001K.

CHEMICAL COMPOSITIONS OF ZINC ANODE:

TYPE	AL%	CD	FE%	PB%	CU%	ZN.
TYPE I	0.1-0.5	0.02-0.07	≤ 0.005	≤ 0.006	≤ 0.005	BALANCE
TYPE II.	≤ 0.005	≤ 0.003	≤ 0.0014	≤ 0.003	≤ 0.002	BALANCE

ELECTROCHEMICAL PROPERTIES OF ZINC ANODE:

STANDARD	OPEN CIRCUIT POTENTIAL -V,CU/CUSO4	CLOSED CIRCUIT POTENTIAL -V,CU/CUSO4	ACTUAL CAPACITANCE (A-H/KG) ≥	CURRENT EFFICIENCY %
ASTM B418 I	≥ 1.05	≥ 1	780	95
ASTM B418 II	≥ 1.1	≥ 1.05	780	90

* SPECIAL CHEMICAL COMPOSITIONS ARE AVAILABLE UPON REQUEST.

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ZINC SHIP HULL ANODE: WELD-ON TYPE:

ITEM CODE	L x W x H (MM)	INSERT (MM)	NET (KG)	GROSS (KG)
BKW14Z	550 X 130 X 50	6X40	21.3 KG	22.5 KG
BKW17Z	550 X 130 X 65	6X50	25.9 KG	27 KG
BKW19Z	550 X 130 X 75	6X50	33.2 KG	34.7 KG
BKW18Z	550 X 130 X 96	6X50	43.4 KG	44.9 KG
BKW24Z	915 X 130 X 50	6X50	35.0 KG	36.5 KG
BKZ50	305 X 75 X 40	4X30	4.6 KG	5.0 KG
BKZ64	305 X 90 X 45	4X30	6.4 KG	6.8 KG
BKZ81	305 X 152 X 32	4X30	8.1 KG	8.5 KG
BKZ100	305 X 152 X 38	4X30	10.0 KG	10.4 KG
BKZ140	456 X 102 X 53	6X40	14.0 KG	15 KG
BKS-3	200 X 100 X 20	4X30	2.7 KG	3.0 KG
BKZH-01	600 X 100 X 50	6X40	18.5 KG	19.7 KG
BKZH-02	390 X 120 X 50	6X40	14.7 KG	15.6 KG
BKZH-03	500 X 100 X 40	6X40	13.0 KG	13.6 KG
BKZH-04	400 X 108 X 57	6X40	13.5 KG	14.0 KG
BKZH-05	400 X 100 X 35	6X40	8.5 KG	9.3 KG
BKZH-06	250 X 100 X 40	4X30	5.3 KG	5.6 KG
BKZH-07	200 X 100 X 35	4X30	4.4 KG	4.6 KG
BKZH-08	180 X 70 X 35	4X30	2.6 KG	2.8 KG

THE INSERT CAN BE OPTIONAL WITH FLAT STEEL, REBAR, ROUND STEEL



ITEM CODE	L x W x H (MM)	INSERT (MM)	NET (KG)	GROSS (KG)
BKS-6	300 X 150 X 20	6X40	5.75 KG	6.5 KG
BKS-8	300 X 150 X 25	6X40	7.25 KG	8.0 KG
BKS-9	300 X 150 X 30	6X40	8.75 KG	9.5 KG
BKS-9E	300 X 150 X 40	6X40	11.25 KG	12.0 KG
BKS-9F	300 X 150 X 50	6X40	13.85 KG	14.6 KG
BKS-18	800 X 75 X 50	6X40	18.6 KG	19.0 KG
BKS-19	400 X 100 X 55	4X30	14.9 KG	15.4 KG



ZINC SHIP HULL ANODE: BOLT-ON TYPE:

ITEM CODE	L x W x H (MM)	PCD (MM)	NET (KG)	GROSS (KG)
BKZB3	200 X 100 X 20	110	2.2 KG	2.5 KG
BKZB4	200 X 100 X 30	110	3.3 KG	3.6 KG
BKZB6	300 X 150 X 20	160	5.5 KG	5.9 KG
BKZB9	300 X 150 X 30	160	7.9 KG	8.3 KG
BKZB9E	300 X 150 X 40	160	10.6 KG	11.0 KG
BKZB9F	300 X 150 X 50	160	13.4 KG	13.8 KG
BKZB12	300 X 200 X 40	160	14.8 KG	15.2 KG
BKZB12E	300 X 200 X 65	160	26.4 KG	26.8 KG
BKZBO-01	800 X 140 X 50	460	35.0 KG	35.5 KG
BKZBO-02	460 X 200 X 64	260	29.0 KG	29.5 KG
BKZBO-03	540 X 130 X 50	340	22.0 KG	22.5 KG
BKZBO-04	370 X 55 X 40	260	5.2 KG	5.5 KG

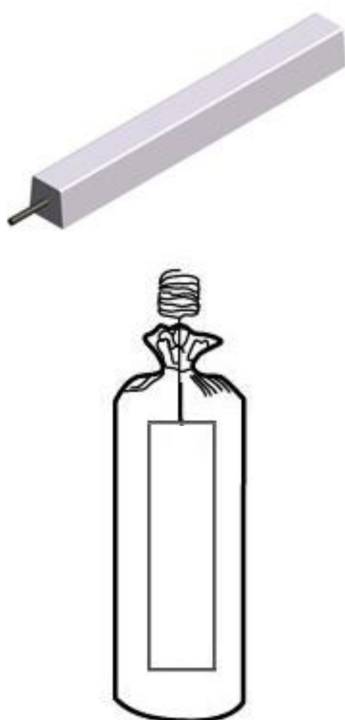
ZINC ALLOY SACRIFICIAL ANODE



ZINC BALLAST TANK ANODE

ITEM CODE	L x W x H (MM)	INSERT (MM)	NET (KG)	GROSS (KG)
BKW25Z	610 X 64 X 57	Ø 13	10.6 KG	11.3 KG
BKW50Z	1220 X 64 X 57	Ø 13	21.3 KG	22.6 KG
BKZ154	765 X (65+50) X 75	Ø 13	23.7 KG	25.0 KG
BKZ151	1525 X (65+50) X 75	Ø 13	46.5 KG	48.5 KG
BKZ196	305 X (70+90) X 95	Ø 13	15.3 KG	15.8 KG
BKZ194	750 X (70+90) X 95	Ø 13	39.6 KG	40.9 KG
BKZ110	765 X (40+50) X 50	Ø 13	12.2 KG	13.5 KG
BKZ115	1525 X (40+50) X 50	Ø 13	23.8 KG	25.8 KG
BKZT-2	1500 X (65+75) X 70	Ø 12	52.1 KG	53.8 KG
BKZT-5	800 X (56+74) X 65	Ø 12	24.0 KG	25.0 KG
BKZT-6	1524 X (48+54) X 51	Ø 12	26.2 KG	27.8 KG
BKZT-7	250 X (80+100) X 85	Ø 10	12.2 KG	12.5 KG
BKZT-8	200 X (70+90) X 70	Ø 10	18.6 KG	18.9 KG
BKZT-9	1500 X (58+64) X 57	Ø 12	36.4 KG	37.8 KG
BKZT-10	1200 X (50+70) X 70	Ø 12	32.9 KG	34.0 KG
BKZT-11	1000 X (70+80) X 70	Ø 12	44.0 KG	45.0 KG
BKZT-12	1000 X (65+75) X 65	Ø 12	32.0 KG	33.0 KG
BKZT-13	1140 X (69+51) X 51	Ø 12	25.7 KG	26.8 KG

THE INSERT CAN BE OPTIONAL WITH FLAT STEEL, REBAR, ROUND STEEL



UNDERGROUND AND PACKAGED ANODE:

ITEM CODE	L x W x H (MM)	ANODES NET (KG)	PACKAGED (KG)
BKZU5	223 X 36 X 36	2.3 KG	9.0 KG
BKZU12	610 X 36 X 36	5.4 KG	18.0 KG
BKZU15	381 X 51 X 51	6.8 KG	16.0 KG
BKZU18	914 X 36 X 36	8.2 KG	25.0 KG
BKZU30	1524 X 36 X 36	14.0 KG	39.0 KG
BKZU30A	762 X 51 X 51	13.6 KG	30.0 KG
BKZU45	1143 X 51 X 51	20.4 KG	45.0 KG
BKZU60	1524 X 51 X 51	27.2 KG	55.0 KG
BKZU13	600 X 54 X 54	12.5 KG	30.0 KG
BKZU17	654 X 60 X 60	17.2 KG	35.0 KG
BKZU3	400 X 34 X 34	3.0 KG	12.0 KG

The above specification only are small part of our products list, we have much more specification size, and also special shape, size and chemical composition anodes can be manufactured according request, Please contact us for more information.