

SACRIFICIAL ZINC ANODE

Information

Zinc Anodes are usually applied in Low Resistivity Soils below 1000 -cm and in Seawater or produced Brines. Zinc should not be used when the electrolyte temperature is or exceeds 135°F. Pre packaged Anodes are in standard backfill (75% Gypsum, 20% Bentonite and 5% Sodium Sulphate).

ZINC ALLOYS

Elements	ASTM B 418 Type I MIL A-18001K	ASTM B 418 Type II
Aluminium	0.10 – 0.50	0.005 max
Cadmium	0.025 -0.07	0.003 max
Lead	0.006 max	0.003 max
Iron	0.005 max	0.0014 max
Copper	0.005 max	
Others(each)	0.02 max	
Total others	0.05 max	
Zinc	Remainder	Remainder

Weld on Type Anodes - Single Strap

Anode Type	Anode Dimensions(mm)			Core Dimensions(mm)			Zinc Anode	
	Length	Width	Height	Length	Width	Thk	N.Wt(Kg)	G.Wt(Kg)
BTZ053W	140	70	30	250	25	5	2	2.4
BTZ082W	200	100	25	320	25	5	3.2	3.7
BTZ100W	305	85	45	440	30	5	4	4.5
BTZ111W	305	85	45	440	30	5	4.5	5
BTZ122W	270	100	40	440	30	5	5	5.5
BTZ146W	200	130	35	330	38	5	6	6.6
BTZ191W	300	155	30	405	38	5	8	8.6
BTZ240W	340	150	35	500	38	5	10	10.8
BTZ262W	400	150	33	500	38	5	11	11.8
BTZ284W	400	150	36	500	38	5	12	12.8
BTZ288W	340	150	38	500	38	5	12.3	13
BTZ355W	380	140	38	520	38	8	15	16
BTZ422W	460	140	38	600	38	8	18	19
BTZ466W	535	135	51	680	38	5	20	21
BTZ511W	540	140	40	680	38	8	21.5	23
BTZ555W	680	125	40	740	50	6	24	25
BTZ577W	800	120	40	940	50	5	25	26
BTZ600W	540	140	48	680	50	8	25	27

Zinc Hull Anodes Weld on - Tear Drop

Anode Type	Anode Dimensions(mm)			Core Dimensions(mm)			Zinc Anode	
	Length	Width	Height	Length	Width	Thk	N.Wt(Kg)	G.Wt(Kg)
BTZ012T	120	40	25	200	10	3	0.5	0.55
BTZ024T	180	60	32	260	20	3	1	1.1
BTZ048T	220	75	38	300	20	3	2	2.2
BTZ040T	200	95	30	300	20	3	3	3.2
BTZ235T	275	175	51	405	40	5	10	10.6

Weld on Type Anodes - Double Strap

Anode Type	Anode Dimensions(mm)			Core Dimensions(mm)			Zinc Anode	
	Length	Width	Height	Length	Width	Thk	N.Wt(Kg)	G.Wt(Kg)
BTZ240D	305	152	32	254	32	5	10	10.8
BTZ284D	305	152	38	254	32	5	12	12.8
BTZ333D	305	152	50	254	38	5	14	15
BTZ435D	305	152	64	254	38	5	18.4	19.6

Zinc Hull Anode Bolt On Type

Anode Type	Length(mm)	Width(mm)	Height(mm)	C-C(mm)	Plate Width(mm)	Plate Thickness(mm)	Net Wt.(Kg)	Gross Wt.(Kg)
BTZ084B	200	100	30	110	75	3	3.4	3.8
BTZ055B	200	100	40	110	75	3	4	4.4
BTZ166B	300	150	25	160	75	3	7.1	7.5
BTZ191B	300	150	30	160	75	3	8.2	8.6
BTZ244B	300	150	40	160	75	3	10.8	11
BTZ266B	300	150	50	160	75	3	11.6	12
BTZ337B	300	200	40	160	75	3	14.8	15.2

Electrochemical Properties :

- Solution Potential: -1.05V w.r.t Ag/AgCl
- Capacity: 780 Ah/kg

Customized Alloy, Dimensions and shape can be produced against order

SACRIFICIAL ZINC ANODE



Zinc Anode

- Tear Drop Anodes
- Stand OFF Anodes
- Tank Anodes
- Hull Anodes
- Bracelet Anodes