

Aluminum Anode

Aluminum anodes are widely used in vessel, ballast tank, crude oil tanks, seaport facilities, offshore project, submerged ducts, pipes in the soil, etc. CORRTECH supplies series of aluminum anodes for defend the corrosion of steel structure in marine environment and fresh water.

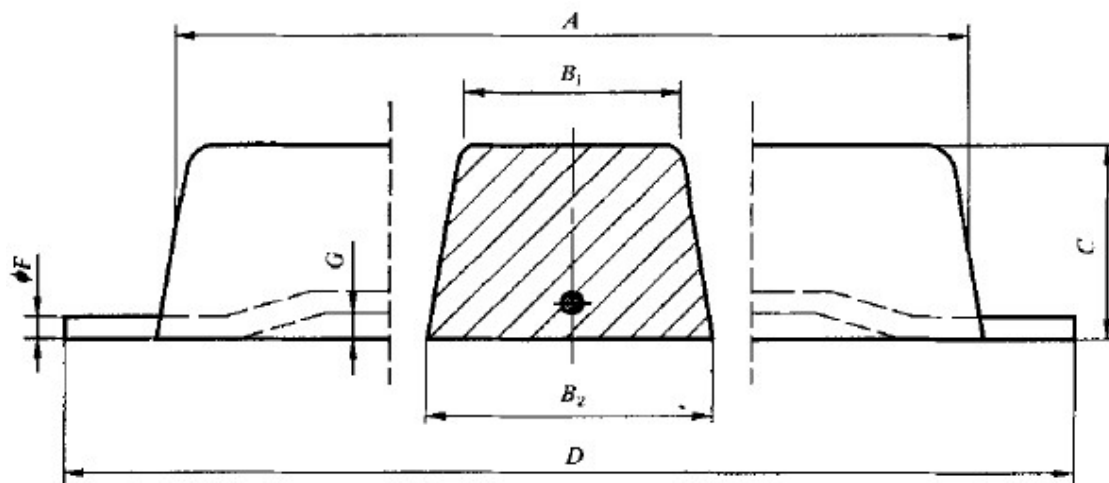
The performance of aluminum anodes is affected by the chemical composition of the alloy, we have different alloy series to meet customers' request. Special shape, size and chemical composition anodes can be manufactured according to your request.



Aluminum Anode for Tank Interior Bottom

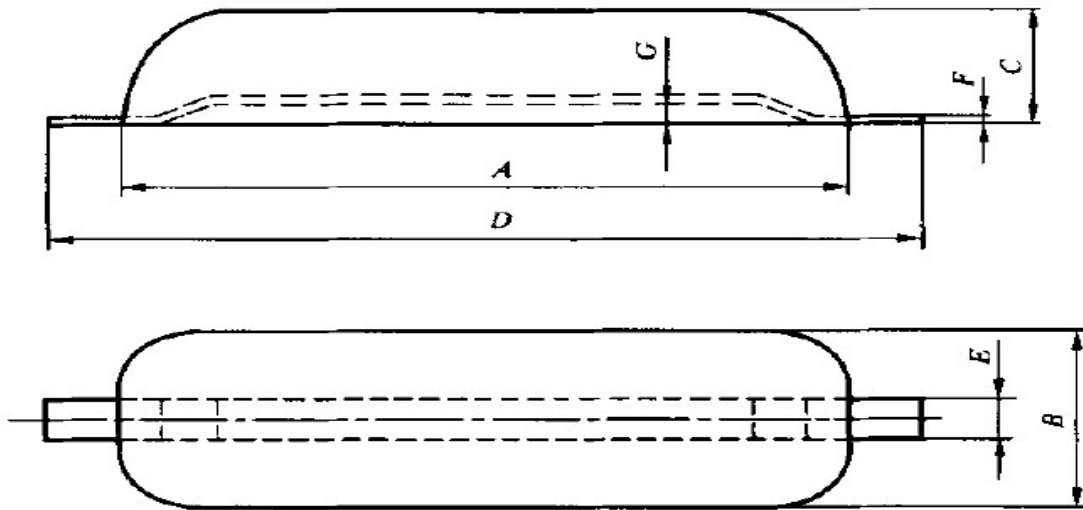
We can supply the several kinds of the anode such as Al anode for tank interior bottom, Welded Al anode for hull et. The detailed information is listed as follows:

1. Al anode for tank interior bottom:



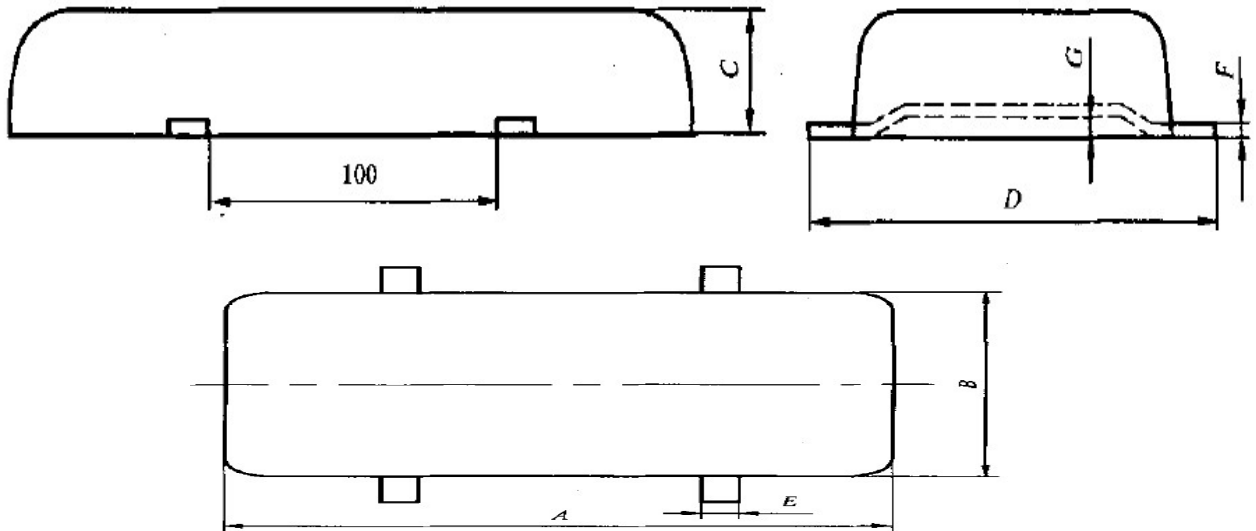
Type	Specification(mm) $A \times (B_1 + B_2) \times C$	Size of Iron Leg (mm)			NW(Kg)	GW(Kg)
		D	F	G		
KTAL-A-35	750×(115+135)×130	900	16	8~10	32.0	35.0
KTAL-A-23	500×(115+135)×130	650	16	8~10	22.0	23.0
KTAL-A-16	500×(105+135)×100	650	16	8~10	15.0	16.0

2. Welded Al anode for hull (single iron stand)



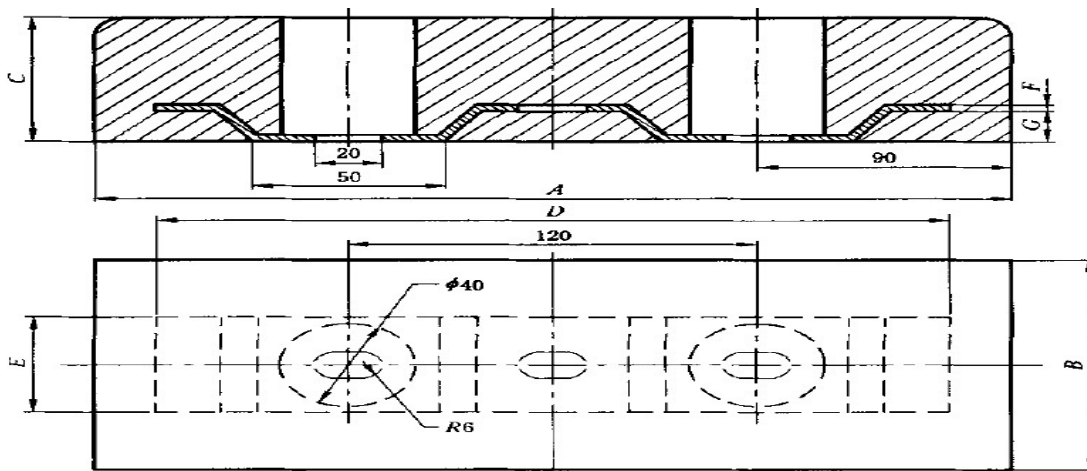
Type	Spc./mm	Spc. of the iron stand(mm)				N.W./ Kg	G.W./ Kg
	A×B×C	D	E	F	G		
KTAL-B-1	800 X 140X 60	900	45	4~6	8~10	15.4	17.0
KTAL-B-2	800 X 140X50	900	45	4~6	6~8	13.4	15.0
KTAL-B-3	800 X 140X40	900	45	4~6	5~6	10.5	12.0
KTAL-B-4	600X 120X 50	700	40	4~6	6~8	9.0	10.0
KTAL-B-5	400 X 120X 50	460	35	4~6	6~8	5.8	6.5
KTAL-B-6	500 X 100X40	580	40	4~6	5~6	4.6	5.5
KTAL-B-7	400 X 100X 40	460	30	3~4	5~6	4.1	4.5
KTAL-B-8	300 X 100X 40	360	30	3~4	5~6	3.2	3.5
KTAL-B-9	250 X 100X 40	300	30	3~4	5~6	2.2	2.5
KTAL-B-10	180 X 70 X 35	230	25	3~4	5~6	1.0	1.2

3. Welded Al anode for hull (double iron stands)



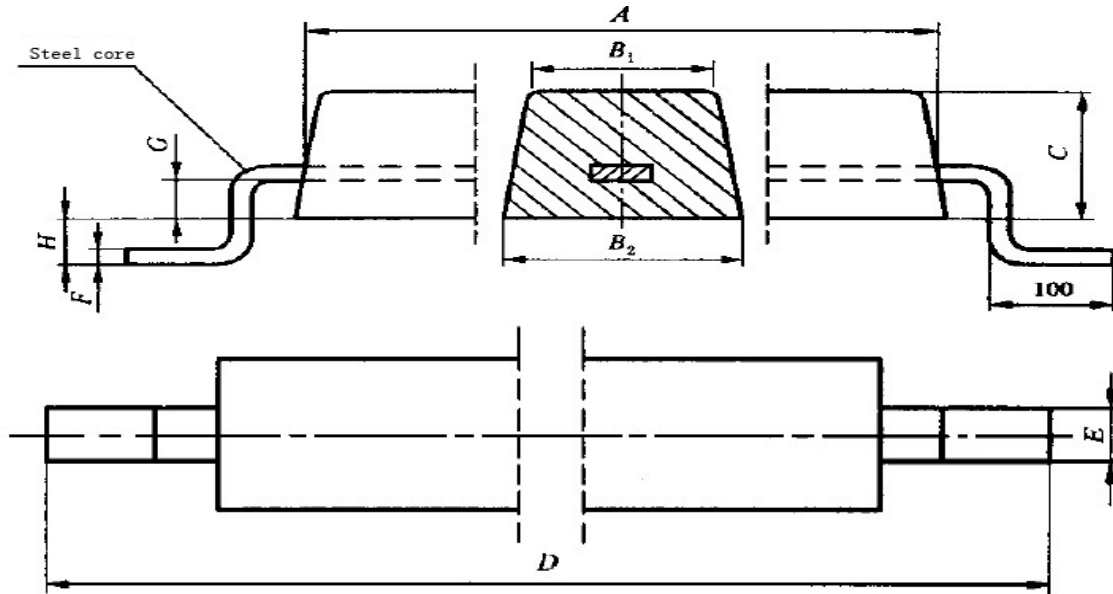
Type	Spc./mm	Spc. of the iron stand (mm)				N.W./Kg	G.W./Kg
	A×B×C	D	E	F	G		
KTAL-C-1	300×150×50	360	30	4~5	5~6	5.0	5.8
KTAL-C-2	300×150×40	360	30	4~5	5~6	3.8	4.6

4. Bolt-on Al anode for hull



Type	Spc./mm	Spc. Of the iron stand(mm)				N.W./Kg	G.W./Kg
	A×B×C	D	E	F	G		
KTAL-D-1	300×150×50	250	50	3~4	8~10	5.4	5.8
KTAL-D-2	300×150×40	250	50	3~4	8~10	4.4	4.8

5. Al anode for ballast

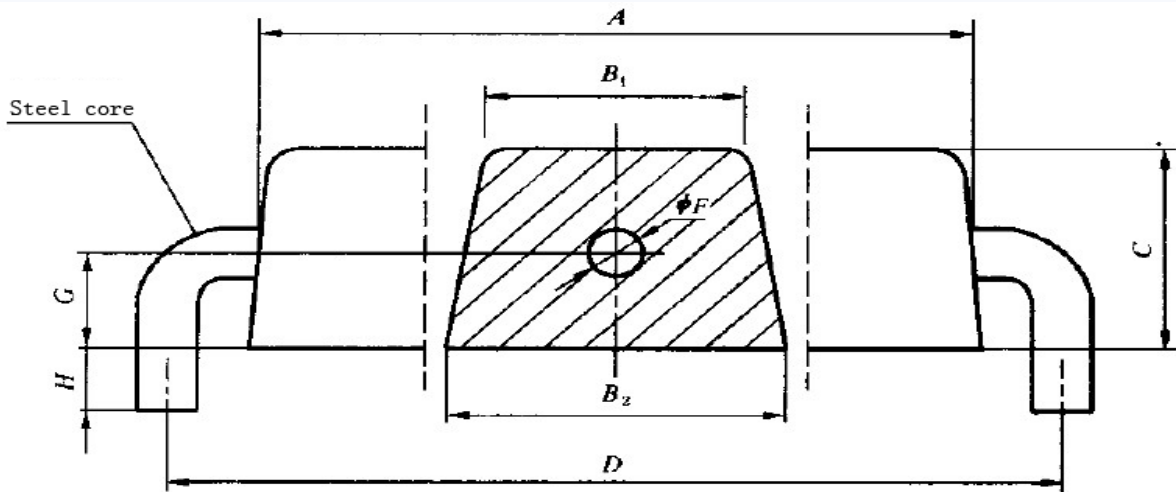


Type	Spc. /mm $A \times (B_1 + B_2) \times C$	Spc. of iron stand (mm)					N. W. (Kg)	G. W. (Kg)
		D	E	F	G	H		
KTAL-E-1	$500 \times (115 + 135) \times 130$	800	50	6	40	60	20.5	23.0
KTAL-E-2	$1500 \times (65 + 75) \times 70$	1 800		φ12	20	40	19.8	21.5
KTAL-E-3	$500 \times (110 + 130) \times 120$	800	50	6	40	60	18.0	20.0
KTAL-E-4	$1 000 \times (58.5 + 78.5) \times 68$	1 300	—	φ12	20	40	12.0	13.2
KTAL-E-5	$800 \times (56 + 74) \times 65$	1 100	—	φ12	20	40	9.0	10.0
KTAL-E-6	$1 150 \times (48 + 54) \times 51$	1 450	—	φ12	15	35	7.6	9.0
KTAL-E-7	$250 \times (80 + 100) \times 85$	310	25	4	6~8	0	4.8	5.0
KTAL-E-8	$200 \times (70 + 90) \times 70$	260	25	4	6~8	0	2.8	3.0

Note: 1: The anodes (A□T-7, A□T-8) are flat.

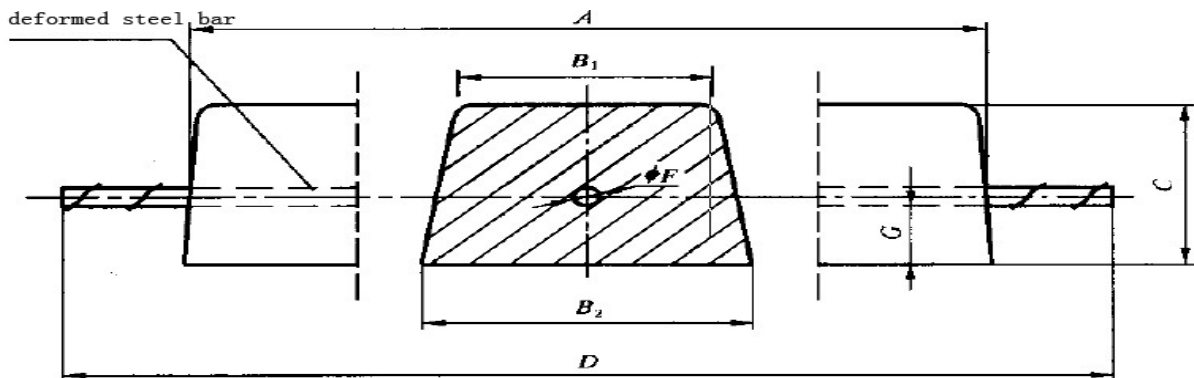
2: The iron stands of the anode (A□T-2, A□T-4, A□T-5, A□T-6) are round bar.

6. Al anode for marine engineering facilities

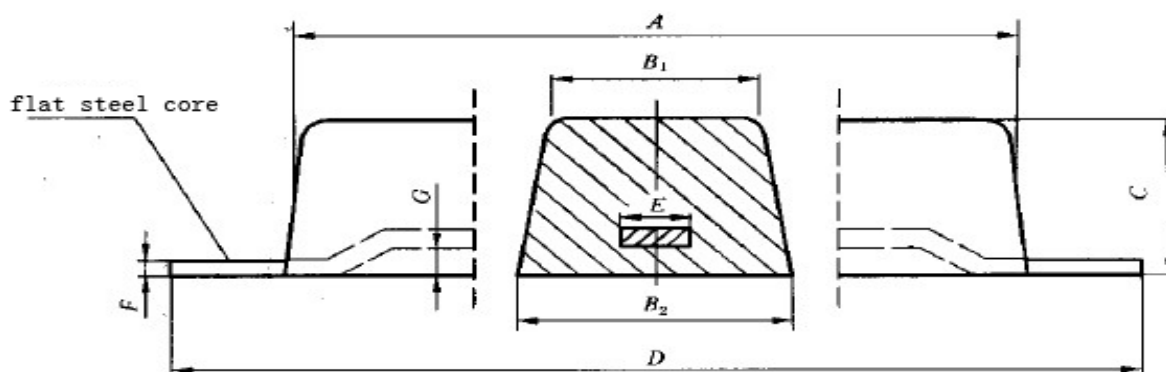


Type	Spc./mm	Spc. of the iron anode				N.W. (Kg)	G.W. (Kg)
	$A \times (B_1 + B_2) \times C$	D	F	H	G		
KTAL-F-1	2300×(220+240)×230	2500	60	300	110	294.0	310.0
KTAL-F-2	1600×(200+210)×220	1800	60	300	90	181.0	190.0
KTAL-F-3	1500×(170+200)×180	1700	50	300	80	122.0	130.0
KTAL-F-4	900×(150+170)×160	1100	40	300	70	55.0	58.0

7. Al anode for port facilities



Drawing (deformed steel bar)



Drawing (flat bar)

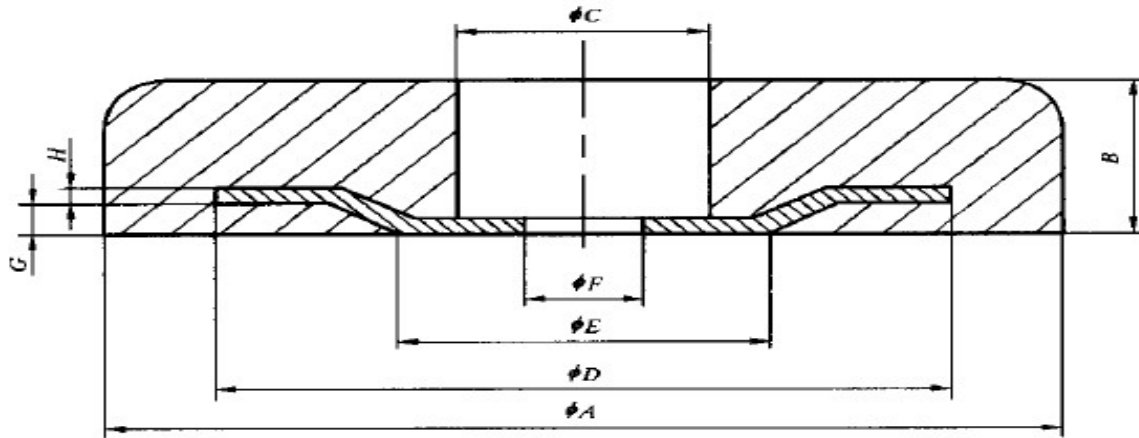
Type	Spc.(mm)	Spc. of the iron stand(deformed steel bar)(mm)			Spc. of the iron stand (flat bar)(mm)				N.W. (Kg)	G.W. (Kg)
		D	F	G	D	E	F	G		
KTAL-G-1	$A \times (B_1 + B_2) \times C$	D	F	G	D	E	F	G		
KTAL-G-1	$1500 \times (148 + 178) \times 170$	1800	25	65	1800	50	8	65	114.0	120.0
KTAL-G-1	$850 \times (180 + 220) \times 180$	1100	25	70	1100	60	8	70	80.0	85.0
KTAL-G-1	$800 \times (200 + 280) \times 150$	1000	25	55	1000	60	8	55	76.0	80.0
KTAL-G-1	$700 \times (160 + 220) \times 180$	950	22	70	950	60	8	70	68.5	72.5
KTAL-G-1	$1250 \times (115 + 135) \times 130$	1500	18	45	1500	40	8	45	52.0	56.0
KTAL-G-1	$1000 \times (115 + 135) \times 130$	1250	18	45	1250	40	8	45	42.6	46.0
KTAL-G-1	$750 \times (115 + 135) \times 130$	1000	16	45	1000	40	8	45	33.0	35.0
KTAL-G-1	$500 \times (115 + 135) \times 130$	750	16	45	750	40	8	45	22.0	23.0

8. Al Strip-type anode for seawater cooling system

The drawing is the same as the drawing of the Al anode for port facilities (flat bar).

Type	Spc.(mm)	Spc. of the iron stand (mm)				N.W. (Kg)	G.W. (Kg)
	$A \times (B_1 + B_2) \times C$	D	E	F	G		
KTAL-H-1	$1200 \times (200 + 280) \times 150$	1400	70	10	8~10	112	120.0
KTAL-H-2	$800 \times (200 + 280) \times 150$	1000	60	8	8~10	76.2	80.0
KTAL-H-3	$1000 \times (115 + 135) \times 130$	1200	50	6	8~10	43.2	46.0
KTAL-H-4	$500 \times (115 + 135) \times 130$	620	50	6	8~10	21.5	23.0
KTAL-H-5	$1000 \times (80 + 100) \times 80$	1200	30	4	6~8	19.0	20.0
KTAL-H-6	$500 \times (105 + 135) \times 100$	620	40	4	8~10	15.2	16.0
KTAL-H-7	$500 \times (80 + 100) \times 80$	620	30	4	6~8	9.4	10.0
KTAL-H-8	$400 \times (110 + 120) \times 50$	500	35	3	5~6	6.4	7.0
KTAL-H-9	$300 \times (140 + 160) \times 40$	360	60	3	5~6	4.5	5.0
KTAL-H-10	$200 \times (90 + 110) \times 40$	250	30	3	5~6	2.8	3.0

9. Al discoid anode for seawater cooling system



Type	Spc. (mm)		Spc. of the iron anode (mm)					N.W. (mm)	G..W. (mm)
	A×B	C	D	E	F	G	H		
KTAL-I-1	300×60	40	80	50	12	6~8	4	11.3	11.5
KTAL-I-2	360×40	50	100	70	14	5~6	4	8.8	9.0
KTAL-I-3	300×40	40	80	50	12	5~6	4	7.3	7.5
KTAL-I-4	200×50	35	75	45	10	5~6	4	3.8	4.0
KTAL-I-5	180×50	35	75	45	10	5~6	4	3.3	3.5
KTAL-I-6	120×100	30	75	45	10	8~10	4	2.3	2.5