



INCORR ENGINEERING & TRADING

* Cathodic Protection Materials Manufacturer/Stockist

61 KAKI BUKIT AVENUE 1 #03-18

SHUN LI INDUSTRIAL PARK

SINGAPORE 417943

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EMAIL: admin@incorr.com.sg

WEB SITE: <http://www.incorr.com.sg>

INCORR ALUMINIUM ALLOY ANODES

INCORR aluminium alloy anodes are cast from the highest purity aluminium ingot to conform with the following material composition:

Element	Composition (Weight %)
Zinc	3.0 - 5.0
Indium	0.01 - 0.02
Titanium	0.02 - 0.05
Silicon	0.15 max.
Iron	0.12 max.
Copper	0.006 max.
Other impurities	0.02 each max.
Aluminium	Remainder

Note: Special chemical composition could be made on request.

Anode open circuit potential vs Ag/AgCl ref. Cell	-1.05 to -1.1 volt
Electrochemical capacity in seawater @ 26°C	2540 to 2730 Amp-hr/kg
Consumption rate in seawater @ 26°C	3.21 to 3.44 kg/Amp-yr
Efficiency	85% to 92%



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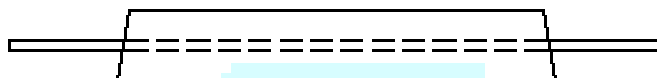
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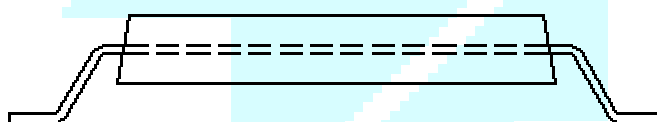
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ALUMINIUM STRUCTURAL ANODE



STRAIGHT ROD CORE (SRC)



DOUBLE CRANK ROD CORE (DCRC)

Anode Type	Alloy Weight (kg)	Gross Weight (kg)	Anode Dimensions L x W x T (mm)	Core Dimensions L x Diameter (mm)
ICS 250 ASR/DCR	25	28	900 X (89 + 114) X 103	1500 X 20
ICS 300 ASR/DCR	30	33	1100 X (89 + 114) X 102	1600 X 20
ICS 400 ASR/DCR	40	44	1500 X (89 + 114) X 102	2000 X 20
ICS 500 ASR/DCR	50	53	950 X (126 + 154) X 140	1500 X 20
ICS 600 ASR/DCR	60	65	1500 X (126 + 148) X 110	2000 X 20
ICS 700 ASR/DCR	70	74	1500 X (126 + 150) X 125	2000 X 20
ICS 800 ASR/DCR	80	84	1500 X (126 + 154) X 140	2000 X 20
ICS 1000 ASR/DCR	100	108	1500 X (150 + 178) X 150	2000 X 25
ICS 1100 ASR/DCR	110	118	1500 X (150 + 182) X 165	2000 X 25
ICS 1400 ASR/DCR	140	148	1500 X (140 + 206) X 200	2000 X 25

Notes:

Types and dimensions illustrated represent only part of our standard sizes.

Non standard anodes of other weights and dimensions or special cores are available on request.



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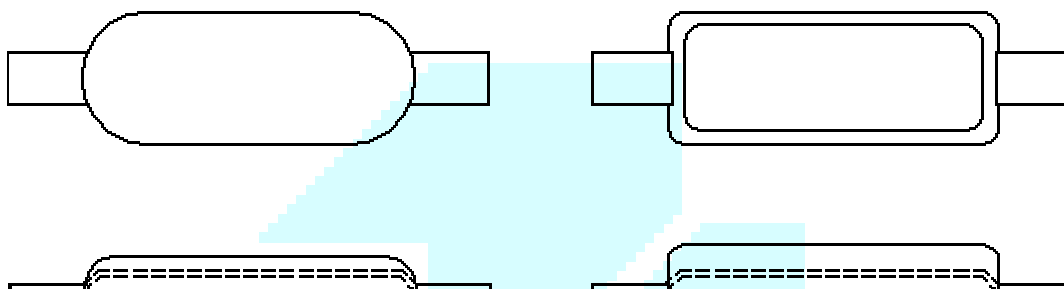
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ALUMINIUM SHIPPING ANODE



Anode Type	Alloy Weight (kg)	Gross Weight (kg)	Anode Dimensions L x W x T (mm)	Core Dimensions L x W X T (mm)
ICS 9 AWB	0.9	1.1	165 X 70 X 24	240 X 25 X 3
ICS 13 AWB	1.3	1.5	102 X 152 X 38	240 X 25 X 3
ICS 16 AWB	1.6	1.8	140 X 140 X 25	240 X 25 X 3
ICS 40 AWB	4.0	4.4	305 X 152 X 38	425 X 30 X 4
ICS 70 AWB	7.0	8.3	585 X 134 X 37	750 X 38 X 6
ICS 105 AWB	10.5	11.8	585 X 142 X 53	750 X 38 X 6
ICS 140 AWB	14.0	15.3	585 X 149 X 69	750 X 38 X 6
ICS 213 AWB	21.3	24.0	900 X 140 X 67	1100 X 50 X 6

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