

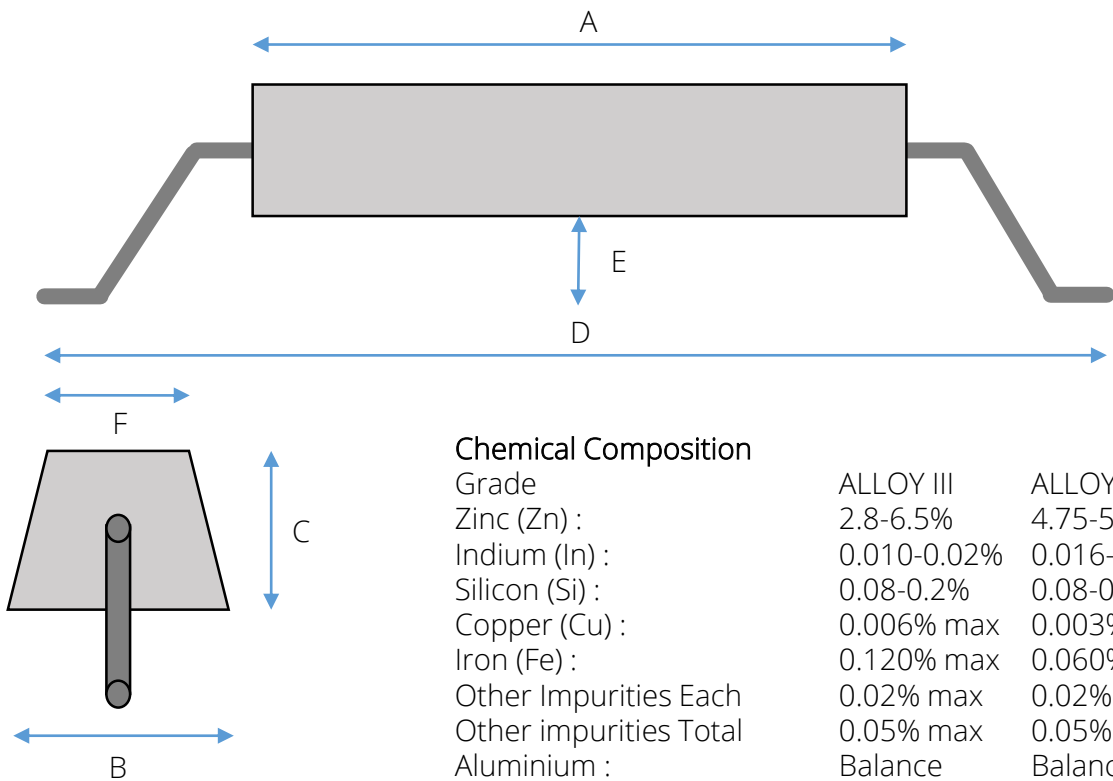
# ALUMINIUM ANODES TANK TYPE

Aluminium Anodes for tank internal protection applications. Anodes can be supplied in a range of sizes, weights and chemical composition to suit your application. Typically a round or flat bar steel insert is provided with a double crank arrangement for direct welding to the structure.

Should you require an alternative design we can always offer against your specific requirement.

# DATASHEET 1.6

## ALUMINIUM TANK ANODES



### Chemical Composition

Grade	ALLOY III	ALLOY CWIII
Zinc (Zn) :	2.8-6.5%	4.75-5.75%
Indium (In) :	0.010-0.02%	0.016-0.020%
Silicon (Si) :	0.08-0.2%	0.08-0.12%%
Copper (Cu) :	0.006% max	0.003% max
Iron (Fe) :	0.120% max	0.060% max
Other Impurities Each	0.02% max	0.02% max
Other impurities Total	0.05% max	0.05% max
Aluminium :	Balance	Balance
Capacity (Amp hr/kg) :	2,600	2,600

### Electrochemical Properties

	ALLOY III	ALLOY CWIII
Electrode Potential :	-1.15V	-1.15V
Nominal Efficiency :	85%	85%

### Specification:

Aluminium Alloy Net weight	kg
A Length	mm
B Width	mm
C Height	mm
D Insert Length	mm
E Stand Off Height	mm
F Width	mm



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