

## **INCORR ENGINEERING & TRADING**

**\* Cathodic Protection Materials Manufacturer/Stockist**

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# **INCORR MAGNESIUM CONDENSER & EXTRUDED SERVICE ANODES**

## **PROTECTING SUBMERGED STRUCTURES**

Applications for the use of magnesium anodes are not limited to structures buried in soil electrolytes. These powerful anodes have proven to be extremely effective at combating corrosion in certain aqueous environments as well. To address these applications, Incorr manufactures a full line of aqueous magnesium anodes having a high potential of 1.75 volts cast into circular, rectangular, square and teardrop shapes.

Mounting designs on aqueous magnesium anodes were created to address a variety of installation possibilities.

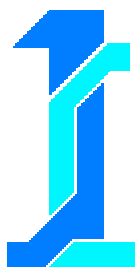
Anodes typically associated with condenser applications are constructed with a galvanised steel pipe core for mounting on metal studs.

Hull type anodes on the other hand, are available in cast-in-steel galvanised mounting straps for weld or bolt-on attachment.

In additions to these options, the aqueous magnesium anodes can be supplied with an epoxy coating. By employing this special barrier, current output and direction can be controlled, which not only improves the anode's performance, but also extends its life.

## **TYPICAL APPLICATIONS**

Incorr magnesium anodes have a variety of fresh and salt water applications. These include ship hulls, barges, condensers, heat exchangers, chillers, traveling screens, piers, pilings, and lock and dam tainter and sluice gates. Because magnesium produces a high driving voltage, these types of anodes are also used for rapid polarisation of structures in salt water environments.



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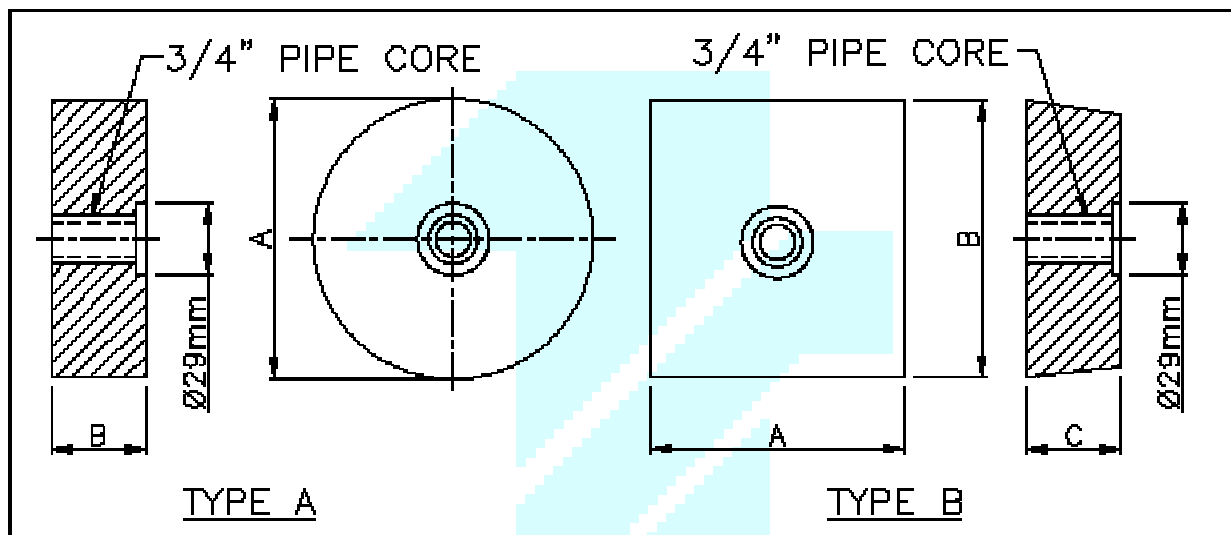
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### ANODE SIZES



Standard Dimensions and Shipping Weights					
Anode Type	Config. Type	Nominal Dimensions in (mm)			Nominal Bare Weight lbs (kg)
		"A"	"B"	"C"	
3IMR5	A	5 (127)	5 (51)	-	3 (1.4)
2.3IMS4	B	4 (102)	4 (102)	2 (51)	2.3 (1.0)
7.5IMS8	B	8 (203)	8 (203)	2 (51)	7.5 (3.4)