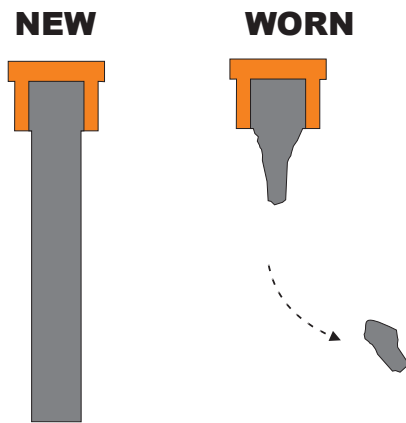


# Secure Core Pencil Anodes

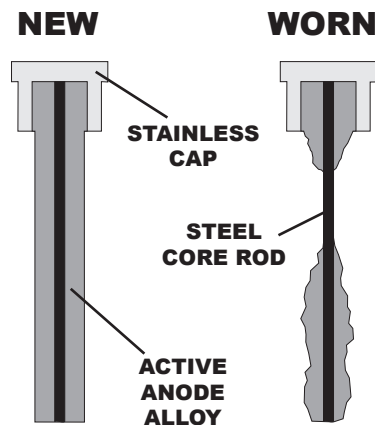
with **INTELLIGENT ANODE™**

## A Totally New Concept In Pencil Anodes

### TRADITIONAL PENCIL ANODE



### Secure Core ANODE



**MADE IN  
USA**

**PERFORMANCE  
METALS  
PRODUCTS**

650 Route 100 N.  
Bechtelsville, PA 19505  
877-612-5213 • Fax 610-367-4759  
www.performancemetals.com

- More Active Aluminum Anode Material
- Longer Lasting
- Suitable for Fresh Water
- Stainless Plug
- Steel Core Construction

- Prevents Loose Material
- Environmentally Friendly
- Intelligent Anode™ Signals Time to Change

### The Alloy

Traditionally pencil anodes are made from zinc. Zinc is not recommended for all types of water - it will go inactive in freshwater. †

**SecureCore** anodes are made from an aluminum anode alloy, which is more active, longer lasting and suitable for all water types, including freshwater.

### Construction

Traditional pencil anodes are die-cast and screwed into a brass plug. As the anode corrodes, it will usually “neck” near the plug with the result that the end will fall off into the water system possibly causing a tube blockage or impeller damage.

**SecureCore** anodes are extruded with a central steel core, which holds the anode material secure until consumed. This both extends the life of the anode and prevents damage caused by loose anode chunks.

**SecureCore** anodes use a stainless steel plug for better performance and longer life.

### Environmental Impact

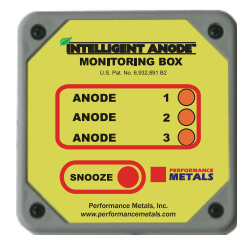
Performance Metals is committed to improving “sustainability” by reducing the damage caused by corrosion and minimizing the impact on the environment.

The use of aluminum anodes in place of zinc reduces pollution and at

### INTELLIGENT ANODE



**SecureCore** anodes are also available with the Intelligent Anode™ sensing system. An internal probe will detect when the anode has corroded to the point where it no longer provides proper protection. The Intelligent Anode™ will then notify with an audible and visual warning using the Performance Metals monitoring box.



A three anode box is shown. This will typically handle two engine heat exchangers and a generator. Other versions are available

the same time improves protection. Damage to and replacement of heat exchangers is expensive and consumes great quantities of energy. Extending the life of assets helps conserve energy and reduces the boater's impact on the environment.

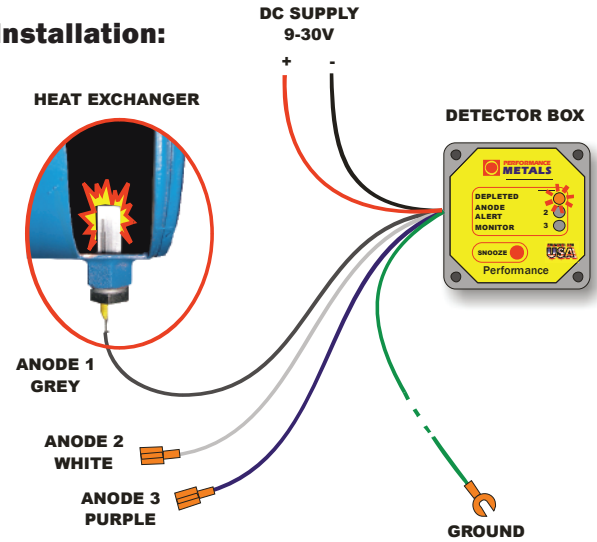
# Secure Core Pencil Anodes

with **INTELLIGENT ANODE™**

## Available Options

PLUG NPT	ANODE DIA. inch	ANODE LENGTH inch	THREAD UNC	ANODE ONLY P/N	COMPLETE ANODE P/N	INTELLIGENT ANODE P/N
1/8	1/4	2	1/4-20	AE-00	CE-00	--
1/8	1/4	1/2	1/4-20	AE-00A	CE-00A	--
1/4	3/8	1 3/4	3/8-16	AE-0	CE-0	IE-0
1/4	3/8	2 1/2	3/8-16	AE-0A	CE-0A	IE-0A
1/4	3/8	3/4	3/8-16	AE-0B	CE-0B	IE-0B
3/8	1/2	2	3/8-16	AE-1	CE-1	IE-1
3/8	1/2	1 3/4	3/8-16	AE-1D	CE-1D	IE-1D
3/8	1/2	1 1/2	3/8-16	AE-1E	CE-1E	IE-1E
3/8	1/2	1 1/4	3/8-16	AE-1F	CE-1F	IE-1F
3/8	1/2	1	3/8-16	AE-1G	CE-1G	IE-1G
3/8	1/2	1 5/8	3/8-16	AE-1H	CE-1H	IE-1H
3/8	1/2	5/8	3/8-16	AE-1J	CE-1J	IE-1J
1/2	5/8	2	7/16-14	AE-2	CE-2	IE-2
1/2	5/8	1 1/4	7/16-14	AE-2A	CE-2A	IE-2A
1/2	5/8	3	7/16-14	AE-2B	CE-2B	IE-2B
1/2	5/8	1 3/4	7/16-14	AE-2D	CE-2D	IE-2D
3/4	3/4	2	1/2-13	AE-3	CE-3	IE-3
3/4	3/4	3/4	1/2-13	AE-3A	CE-3A	IE-3A
3/4	3/4	3 3/8	1/2-13	AE-4	CE-4	IE-4
3/4	3/4	3 5/8	1/2-13	AE-5	CE-5	IE-5
3/4	3/4	4 3/4	1/2-13	AE-6	CE-6	IE-6
3/4	13/16	7	1/2-13	AE-6A	CE-6A	IE-6A
1	1 1/16	5	3/4-10	AE-7	CE-7	IE-7
1	1 1/16	10	3/4-10	AE-7A	CE-7A	IE-7A
1	1	14	3/4-10	AE-7B	CE-7B	IE-7B
1	1	16	3/4-10	AE-7D	CE-7D	IE-7D
1 1/4	1 1/4	2 5/16	3/4-10	AE-8	CE-8	IE-8
1 1/4	1 1/16	6	3/4-10	AE-8A	CE-8A	IE-8A
1 1/4	1 1/16	10	3/4-10	AE-8B	CE-8B	IE-8B
1 1/4	1 1/4	2 1/8	3/4-10	AE-8D	CE-8D	IE-8D
1 1/4	1	14	3/4-10	AE-8E	CE-8E	IE-8E
1 1/4	1	16	3/4-10	AE-8F	CE-8F	IE-8F
3/4	3/4	3/4	1/2-13	A 6L2016	C 6L2016	I 6L2016
3/8	1/2	1 5/8	3/8-16	A 6L2280	C 6L2280	I 6L2280
1/4	3/8	2	5/16-18	A 6L2283	C 6L2283	I 6L2283
1 1/4	1 1/4	2 1/8	3/4-10	A 6L2284	C 6L2284	I 6L2284
1 1/4	1 1/4	2 1/3	3/4-10	A 6L2285	C 6L2285	I 6L2285
1/2	5/8	2 1/2	3/8-16	A 6L2288	C 6L2288	I 6L2288
1/2	5/8	3	7/16-14	A 6L2289	C6L2289	I 6L2289

### Installation:



**ANODE ONLY**



**INTELLIGENT ANODE™**

**COMPLETE ANODE**



650 Route 100 N

Bechtelsville PA 19505

877.612.5213 • FAX 610.367.4759

www.performancemetals.com

## The Company

Performance Metals, Inc., based in Bechtelsville, PA, is an integrated products, tool design, and die cast metal manufacturer.

With over 45 years of operating history, the Company provides corrosion management products, and precision aluminum and zinc die cast products, along with tool design services.