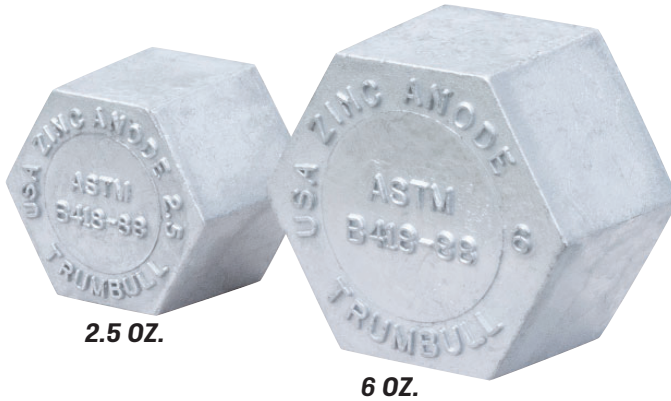


Zinc Anode Caps

Sacrificial Zinc Anodes



Trumbull Anode Caps are designed for fighting corrosion of underground bolts and nuts, and iron pipe and fittings.

These threaded hex head caps, when secured to a bolt or stud, become the sacrificial anode, corroding, while the remaining metal parts are protected. This corrosion protection continues until the Zinc is consumed.



Typical Installation

Trumbull Zinc Anode Caps are made from Special High Grade Zinc and third-party tested to confirm the maximums allowable in both ASTM B418-88, "Galvanic Zinc Anodes", and Military Specification Mil-18001K.

i HOW ZINC CAPS WORK

Corrosion is an electro-chemical process in which dissimilar metal parts form a galvanic cell when they are in contact with moisture.

Using the common battery as an example, moisture becomes the electrolyte while the different metals in the system (such as bolts, nuts, fittings etc.) become the positive and negative ends of the battery.

The "more negative" component loses material through corrosion while protecting the "positive" component, which becomes shielded. Zinc being much more negative than most other materials, the protected component is essentially immune to corrosion as long as there is Zinc remaining to consume.

Zinc Anode Caps offer protection for other system components made of steel, cast iron, ductile iron, brass and copper (as shown in the Galvanic Series Chart on the reverse side). The quantity of Zinc Anode Caps used determines the service life of the protected component.



Small (2.5 oz.) Zinc Anode Caps

Description	Domestic	Non-Domestic
	Item №	Item №
5/8"-11, N.C.	364-1004	364-9004
3/4"-10, N.C.	364-1006	364-9006

Large (6 oz.) Zinc Anode Caps

Description	Domestic	Non-Domestic
	Item №	Item №
5/8"-11, N.C.	364-1008	364-9008
3/4"-10, N.C.	364-1010	364-9010
7/8"-9, N.C.	spec/ord.	364-1011
1"-8, N.C.	364-1012	spec/ord.

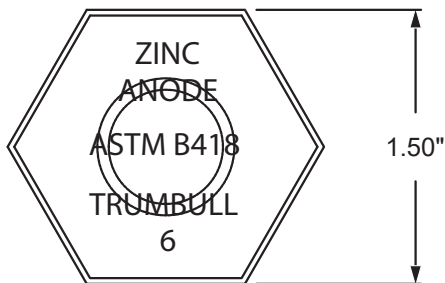
See reverse side for drawing. Inquire about Anode Caps with different weights or shapes.

Material: High Grade Zinc
 Conforms to chemical requirements of
 ASTM B418-88, "Galvanic Zinc Anodes", and,
 U.S. Navy Specification, Mil-18001 H

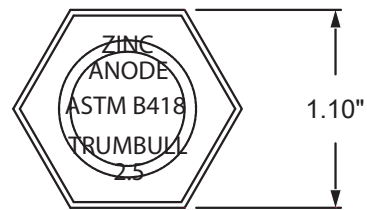
Galvanic Corrosion Chart	
Metal Type	Volts
Zinc (Mil Spec Anodes)	-1.1
Commercially pure aluminum	-0.8
Mild steel, clean	-0.5 to -0.8
Mild steel, rusted	-0.2 to -0.5
Cast iron	-0.5
Lead	-0.5
Mild steel, in concrete	-0.2
Copper, brass, bronze	-0.2
High silicon cast iron	-0.2

Item No.	Tapped	Weight (oz.)
364-1004	5/8"-11 NC	2-1/2
364-1006	3/4"-10 NC	2-1/2
364-1008	5/8"-11 NC	6
364-1010	3/4"-10 NC	6
364-1012	1"- 8 NC	6

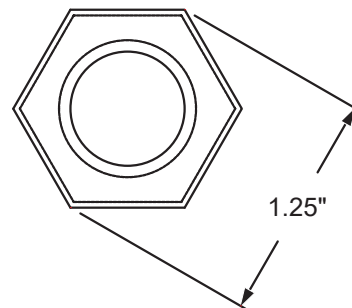
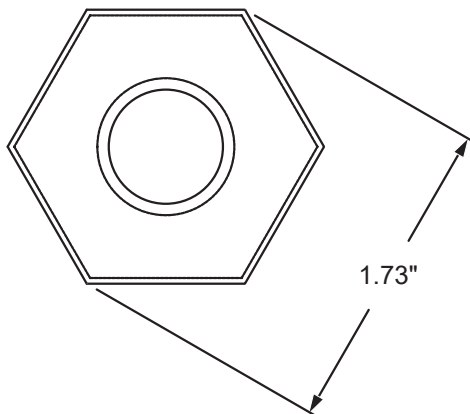
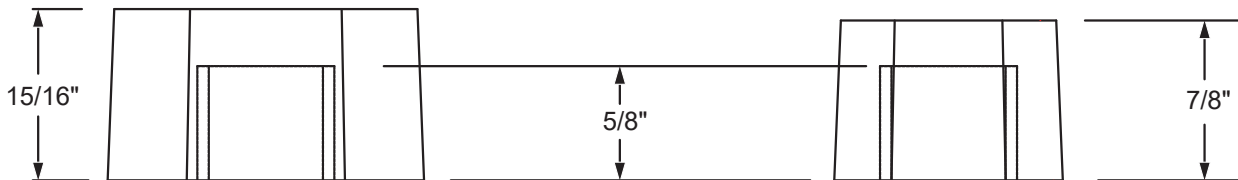
Large Anode Cap
 6 ounces



Small Anode Cap
 2-1/2 ounces



2° Taper, typical



ZINC ANODE CAPS
 Drawn to Scale

Drawn:
 FCN
 06/28/94

Revision:
 FCN
 (J) 09/26/18

Trumbull Manufacturing
 Youngstown, Ohio
 www.trumbull-mfg.com