

CapsZinc[®] Anodes

CapsZinc[®] Anodes are engineered to fight corrosion. When the caps are threaded onto the bolts or studs, they become sacrificial anodes and protect the flanges, mechanical joints, and other metal parts. Our CapsZinc[®] Anodes are precision made of the highest grade metal which meets or exceeds the requirements of ASTM B-418-80, 88 and MIL spec MIL-18001H,J,K.

Corrosion of underground mechanical joint fittings may prove to be very costly, both in repair costs to pipelines and the untimely interruption to the vital flow of water, oil, or gas. Most failures of pipelines can be directly related to the flange area where the two ends of the pipeline are attached by a stud/bolt nut joint. CapsZinc[®] Anodes are designed to sacrifice themselves rather than allowing the underground water, oil, or gas pipeline flange area to succumb to the ravages of galvanic corrosion. The application of the threaded CapZinc[®] to the bolt head forms a galvanic cell, thus causing the CapsZinc[®] Anodes to become a sacrificial anode, adding many years of life to the pipeline and in turn saving down time and high repair costs. JST can provide many years of life to underground pipelines.



We have the CapsZinc[®] Anodes sizes that you need. Caps are available in sizes from 1/2" up to 2" bolt threads.

Chemical Composition:

The tolerances for ASTM B418 Type 1 are as follows:

Element	Tolerance
Aluminium	0.1 – 0.5%
Cadmium	0.025 – 0.07%
Iron	0.005% maximum
Lead	0.006% maximum
Copper	0.005% maximum
Others (total)	0.10% maximum
Zinc	Remainder

Thread Size	Dimensions
1/2"	1 1/4" x 13/16" high
5/8"	1 1/4" x 13/16" high
3/4"	1 1/4" x 13/16" high
7/8"	1 1/4" x 13/16" high
1"	2 1/4" x 1 1/2" high
1 1/8"	2 1/4" x 1 1/2" high
1 1/4"	2 1/4" x 1 1/2" high
2"	3" x 2" high

Customer Service Driven Investment

