



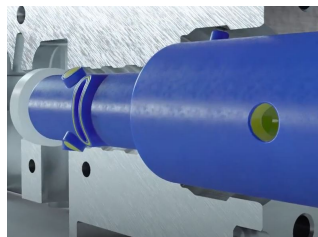
ECM - Electrochemical Machining Aftermarket

CATHODES MATTERS

Cathodes from Extrude Hone

Whether you need delicate edge radiusing or burr removal, we will design the cathodes that match your requirements. Extrude Hone design and build simple to extremely high precision cathodes to solve your problem.

Cathodes may look like simple tools, but it's in fact designed following science in order to control the dissolution of the material and to achieve the narrow tolerances in terms of geometry and roughness. We do cathodes for our Extrude Hone tooling and we ensure aftermarket support with perfect repeatability. We provide cathodes for other OEM's tooling as well.



GET CATHODES RIGHT

- + **Simulation**
 - Proprietary developed simulation software to enhance cathode design and eliminate or reduce the need for test.
- + **In house High Precision machines**
 - The highest accuracy and repeatability.
 - The ability to have electrolyte channel inside the cathode for an even more efficient Electrochemical machining.
 - Quick Turnaround.
- + **Additive Manufacturing capabilities**
 - useful for for very intricate, impossible to conventionally machine, cathode shape.
- + **Test**
 - We have in house machines dedicated to test the cathodes to ensure quick test turnaround or to support on demand specific development.
- + **Cathode Availability Program**
 - Designed for you, to ensure uptime needs with the warehouse stock or fast track manufacturing on defined triggers.



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CAPABILITIES



Cathode design to application – deburring, polishing, chamfering, radiusing, shaping.

Cathode design optimization to process multiple areas at once.



Cathodes for Static or Dynamic ECM applications. For new or existing tooling.



Manufacturing in house. Control labs and skilled operators. ISO certificate.

State of the art machinery to guarantee extreme accuracy.



Worldwide warehouse support for the Global Players.

PERFECT PRODUCTION MATCH

Cathode Availability Program Agreements

- Cathode Availability Program to ensure uptime needs with the warehouse stock or fast track manufacturing based on defined triggers.
- History of all cathodes design and modification made for you during the lifetime of your products and beyond.
- Automatic shipping – no further action required from your end.

Optimized Cathode life

- High Precision cathodes help to avoid short circuit and bring extended lifetime and better cost per part.
- Extrude Hone machines offer multiple built in controls to ensure the best utilization of the cathodes

ANODES BY EXTRUDE HONE



- Hybrid Anode. This special anode combines the technical advantages of highly conductive materials with materials that are highly resistant to the damaging impact of the saline environment.
- Various customer applications have already proven the enormous positive effect on the lifetime tooling cost by using this brand-new anode design.

CONTACT US: help@extrudehone.com

For USA call 1.800.367.1109

