

## Parting and Grooving tools to meet your machining challenges

Security, repeatability, and precision are important for all machining operations but particularly critical when parting and grooving. With eight parting and grooving concepts, CERATIZIT has the right tool to meet all your machining challenges.

The outstanding stability of the CERATIZIT grooving tool systems makes difficult grooving tasks, with unpredictable chip control or high temperatures, easy to accomplish. The user-friendly DirectCool (DC) system delivers coolant directly to the cutting edge through a reinforced blade. High coolant volume can be achieved, even with low coolant pump output, allowing you to manage the heat and chips in deeper parting and grooving applications.



To add additional versatility, the CERATIZIT MSS Modular system utilizes a separate shank and holder design. The MSS system is a stable and precise connection that can accommodate holders for parting, grooving, and threading applications. The modularity can also help reduce set up times when changing over jobs.

In combination with an extensive line of toolholders, CERATIZIT Dragonskin technology is applied to a variety of insert types across all families of the parting and grooving portfolio.

With a full line of Parting and Grooving products, CERATIZIT can help you reduce your machining time while maintaining high-quality standards in a variety of applications.

For more information about CERATIZIT parting and grooving, as well as the current promotion (active until May 31, 2021), [click here](#).

## Greetings from VP of Sales, Dan Cope



“ Dear Valued Customers,  
We're glad that you are part of the CERATIZIT family, and we are excited about the current and future state of our industry. We are here to help you solve your toughest machining challenges with products and services designed so that your business can operate at peak profitability. We know you are always striving for continuous improvement, so keep an eye out for some exciting new updates and developments here at CERATIZIT USA as we work to improve the way we serve you. ”

- Dan Cope, VP of Sales  
CERATIZIT USA

## Quality tools play a crucial role when manufacturing medical components

Did you know that total joint replacement surgery, including hip replacement, is one of the most commonly performed elective surgeries in the United States? According to the American Academy of Orthopedic Surgeons (AAOS), more than 450,000 total hip replacement surgeries are done in the United States every year. This number is expected to reach 635,000 surgeries annually by 2030. Quality tools play a crucial role when manufacturing medical components. The machining solution developed by CERATIZIT Group is based on a u-axis system and a stepped reamer. These and other precision tools ensure that all required tolerances are met while increasing productivity in comparison to using conventional production methods. Read more: <https://bit.ly/3cdhBAT>



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## Live Tech Support Coming Soon!

Our NEW remote tech support platform puts our eyes and ears in your machine! Features will include the ability to:

- Provide vocal and visual details of the situation
- Quickly incorporate experts
- Allow for preparation before an on-site visit



“We don't have to be there, to be there.”

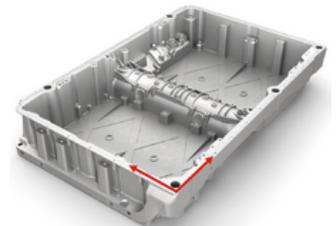
## Get in touch with CERATIZIT USA

Three ways to contact us.

- 800-783-2280
- [customerservice.usa@ceratizit.com](mailto:customerservice.usa@ceratizit.com)
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## Machining Aluminum Components for Electric Vehicles (EV)

The process for machining parts for electric vehicles is constantly being optimized. More and more, EV components are being made from aluminum. While EV parts, such as electric motor housings and aluminum battery trays (pictured right, top), may require less machining, they need to be machined more rapidly than ever before.



The CERATIZIT MaxiMill A270-12 (pictured right, bottom) is a 45-degree, high-positive cutting geometry ideal for milling aluminum electric vehicle components such as this battery tray.



In addition to improving the machining efficiencies, traditional aluminum machining methods need to be examined and challenged to meet the ever-changing demands of the EV industry. To speak with a technical expert, please contact [techsupport.usa@ceratizit.com](mailto:techsupport.usa@ceratizit.com).

TEAM CUTTING TOOLS



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