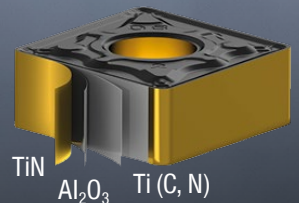


2022 CERATIZIT Product Highlights

Steel machining made easy

Indexable insert grades for turning ISO-P steels

For common steel turning operations, CERATIZIT has introduced three new Dragonskin-coated carbide ISO-P insert grades that provide up to 20% longer tool life when compared with previous grade generations. The new inserts are highly engineered for increased productivity and feature advanced substrates, geometries and CERATIZIT's innovative Dragonskin multi-layer coating for lower heat and less tool wear.



DRAGONSKIN



Learn more

TEAM CUTTING TOOLS



CERATIZIT is a high-tech engineering group specializing in cutting tools and hard material solutions.

Tooling the Future

cuttingtools.ceratizit.com



ToolScope Full Process Control

ToolScope is digital monitoring for your production that allows you to keep a close eye on your processes. Offering process control, machine protection including collision detection, and documentation, the system continuously records signals generated during the production process and uses this data to monitor and adjust the machine for maximum utilization and efficiency offering up to a 15% reduction in cycle times and increase of 25% in process security.

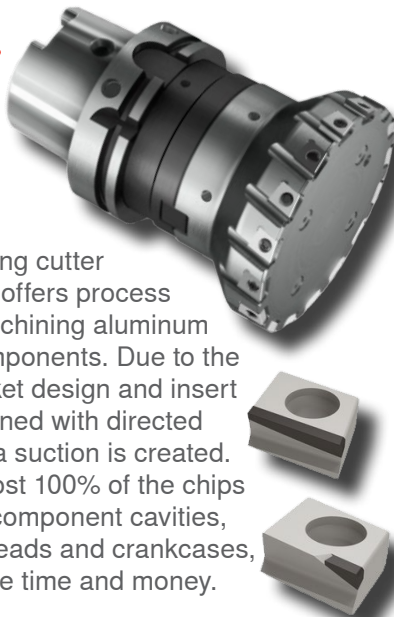
Vibration Damped Boring with Exchangeable Head

CERATIZIT's vibration-damped exchangeable head boring bars produce excellent surface quality and chip clearance. Combined with our new CTCM120 and CTCM130 grades, you get high performance turning in stainless materials. The vibration-damped boring system is ideal for long overhangs with a tendency for vibrations. The modularity of the exchangeable head allows for flexibility and versatility, and helps minimize tooling costs.



MaxiMill SEC12

Our PCD face milling cutter with suction effect offers process reliability when machining aluminum or non-ferrous components. Due to the special insert pocket design and insert topography, combined with directed coolant pressure, a suction is created. This prevents almost 100% of the chips from entering the component cavities, such as cylinder heads and crankcases, saving you valuable time and money.



CTCM245 Milling Grades

The grade CTCM245 features an optimized coating and substrate combination that has been specifically developed for machining high-alloy steels, under wet or dry conditions. The tough substrate ensures a high resistance to breakage, and features the extremely temperature and wear resistant Dragonskin coating technology to maximize cutting parameters and tool life.



KUB Pentron CS

Get high accuracy and fast cutting speeds as you drill up to 96mm in diameter with this powerful and reliable system. The modular design consists of a base body and an internal and external cartridge. This system offers outstanding performance parameters and large hole depths in a single tool. You'll get up to 20% higher speed and feed rates, as well as improved surface finish and hole quality.



WTX-Micro

Get high-performance and deep hole drilling, up to 30xD, while maintaining maximum positioning accuracy with the WTX-Micro. The outstanding self-centering characteristic of these micro drills means you no longer need pilot-drilling/centering. Lapped surfaces and patented chip space openings allow for rapid and reliable chip removal and Dragonskin coating makes it extremely resistant to heat and wear.

