

Introduction highlights

March 2023

CoroTap® 100 and 400

Secure high-quality aluminum threading

Threading is often the last operation on your component, and the key factors for successful machining are process security and predictable tool life.

A new generation of CoroTap® 100 and CoroTap® 400 tools for short-chipping and chip-free tapping of aluminum is now available. Both provide the ultimate in reliability and thread quality for this final-stage machining operation.

CoroTap® 100

CoroTap® 400

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ISO application area

CoroMill® Dura

Efficient and versatile end mills for aluminum

CoroMill® Dura is a range of versatile, high-performing solid end mills — now extended with super-sharp cutters in uncoated grade H10F developed for aluminum materials. The concept offers true flexibility in roughing with finishing capabilities and a substantial increase in performance combined with its trademark stability and ease of use.

The key to success lies in the unique WhisperKut™ technology. Unequal helix angles effectively break up harmful harmonics, making smooth and stable milling easier than ever before.

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ISO application area

Y-axis turning

All-directional turning with CoroTurn® Prime and CoroPlex® YT

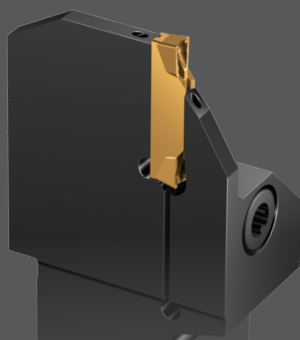
Y-axis turning is a 3-axis simultaneous machining method, where the tool rotates around its own center. The insert is positioned for machining in the Y-Z plane and the milling spindle axis interpolates during turning.

The result is a tool with great potential to reduce cycle times through fewer tool change stoppages and the ability to machine multiple features with only one tool.

The CoroPlex® YT is suitable for components with pockets and cavities, while the CoroTurn® Prime is ideal for shafts and components with undercuts.



ISO application areas



CoroCut® 2

CoroCut® 2 tool holders for face grooving have been updated with a screw clamp solution, replacing the old spring clamping mechanism.



CoroMill® Plura HD

Our CoroMill® Plura HD offer has been upgraded with two new grades featuring our Zertivo™ 2.0 coating technology.



CoroMill® MH20

An extension in the form of new cutter bodies is now available for the versatile CoroMill® MH20 high-feed milling tool.

See all tools and solutions online:



1-800-923-6255 www.dgisupply.ca

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