# **July 2023 Newsletter**



# Cyclone XD CXD & CDA High Performance Drills



M.A. Ford® Cyclone CXD & CDA drills give exceptional hole making performance when you need maximum productivity and lowest cost per hole across a range of materials from aluminum to titanium.

The Cyclone CXD drills combine enhanced point geometry, ALtima® Plus coating and a unique double margin design to deliver high penetration on steel, cast iron, stainless steel, & titanium.

The CXD offers coolant fed and solid options. With its enhanced point geometry, and unique double margin design, the CXD range delivers exceptional penetration rates and quicker engagement, as well as improved hole accuracy and finish with lengths options up to 15xD.

The Cyclone CDA is a coolant fed drill that provides maximum metal removal rates in aluminum and non-ferrous materials. A lower thrust point geometry allows for reduced cutting forces allowing for heavier feed rates and improved performance. The CDA drill provides a deeper flute depth than the CXD drill for increased chip

evacuation.

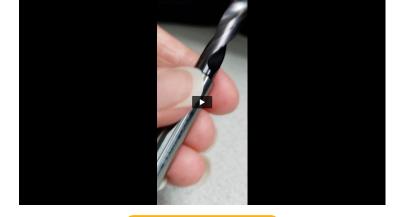
Featuring low thrust point geometries and enhanced double margin designs for quicker engagement, excellent hole registration, and improved hole quality, both Cyclone drill ranges deliver high penetration rates and improved productivity.

#### **CDA Series**

- 2 Flutes
- 5X drill length
- 140°-142° Point
- 30° Helix
- Diameter range of 3mm-12.7mm in both inch & metric sizes

#### **CXD Series**

- 2 Flutes
- 3xD & 5xD solid construction
- 3xD, 5xD, 8xD, & 15xD coolantfed construction
- 140°-142° Point
- Diameter ranges from 3mm-20mm in both inch & metric sizes



Learn more here!

## **Under wraps!**

New precision finishing tool for 5-axis machining.





All will be revealed soon.

### M.A. Ford® Job Shop Catalog

Our Job Shop catalog is the perfect M.A. Ford® tooling reference for batch production, high mix machining or short-run manufacturing. It provides information & cutting data on the Twister® HPD & GP drill ranges, TuffCut® XR & GP end mills, plus our helical chamfer mills and kits.

You can view and download our digital version  $\underline{\text{here}}$  or contact an M.A. Ford® rep to obtain a printed copy. View our map to find your local representative  $\underline{\text{here}}$ .



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M.A. Ford® Full Line Catalog

M.A. Ford® Micro Tool Catalog

Please let us know how the updated web site is working for you. We want to continually provide improved features/functionality and your feedback is essential. Send your comments to sales@maford.com

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