

Products

- > Products Information
- > Catalogs
- > Revision Info. / Discontinued Product Info.
- > New Product info.
- > Attention
- > Update Log

- > Contact us
- > Exhibition Schedule
- > Catalogs
- > Carbide End Mills UNIMAX App
- > Videos of Carbide End Mills
- > Information Providing Service

[HOME](#) > [Products](#) > Attention

Attention



JCTMA Technical Achievement Award 2014

UNION TOOL CO. has received "Technical Achievement Award 2014" from Japan Cemented Carbide Tool Manufacturers Association for the development of diamond coated End Mill "UDCBF series" designed for milling Cemented Carbide.

Awarded Product

UDCBF : UDC Coated 2 Flute High-grade Ball End Mills for Cemented Carbide and Hard Brittle (Non-Metallic) Materials

Product Features

- Ball type End Mills for milling Cemented Carbide and Hard Brittle (Non-Metallic) Materials. Upgraded version of UDCB.
- New Diamond coating and flute design has dramatically increased the material removal amount.
- Chip pocket designed on tool tip improves the surface finishing quality.
- Special cutting edge treatment helps to avoid the edge chipping and level gap.
- Recommended to use on semi-roughing and finishing process.



Tool life increase on this series makes direct milling on Cemented Carbide more realistic. The special cutting edge treatment eliminates edge chipping and provides a seamless surface finish. As a result, field applications have been expanded for direct milling Cemented Carbide. Awarded the prize for developing this series which has significantly accelerated the process for direct milling on Cemented Carbide (compared to EDM process) by offering higher precision, lower cost and faster delivery on Cemented Carbide molds.

Click [here](#) for the awarded product catalog.

Win the Technical award from The Japan Society for Die and Mould Technology!

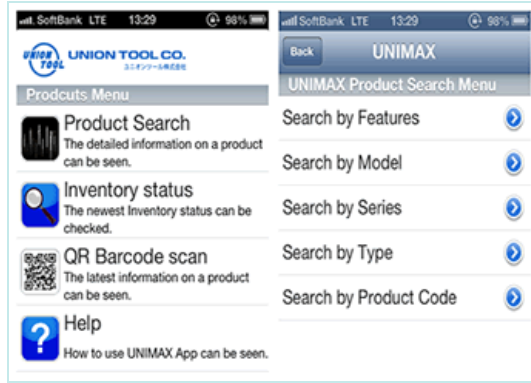
We got the 23th (2013) Technical award for "Diamond coating endmills for cemented carbide milling" from The Japan Society for Die and Mould Technology.

Details of the prize winning product is [Here](#).



UNIMAX End Mills App to search features & inventory [FREE]

The App is designed to help users of our end mills to search the features and inventory of the UNIMAX End Mill series from UNION TOOL.



Product Search: Users can search the products in many different ways, such as cutting features, diameters, sizes, model type and geometry.

Inventory Status: Instant access online using the QR code to check the latest inventory status and availability from the Factory (Japan only at launch - global sites coming soon!)

Scan-able QR Code for Quick search! By scanning the QR Code on the label the user can access all the product information including: specification, product

drawing, CAD data, milling parameters and even a milling video from UNION TOOL's YouTube.

Compatibility: Android2.2~/ iPhone3GS~

UNION TOOL CO. win award for technical achievement/services in 2012 from The Japan Cemented Carbide Tool Manufacturers' Association

"Milling" cemented carbide using Diamond Coated End Mills!

Association for technical achievement for the "Development of new Diamond Coated End Mills for milling cemented carbide" in 2012.

The development of these new Diamond Coated End Mills, enables cemented carbide to be milled in a similar method as hard steel and by using existing CNC machining centers, much shorter cycle times are achieved, with high precision, when compared to previous methods.

The new Diamond Coating is ultra hard, with strong adhesion to the end mill for greater durability, that when combined with specific geometry, allows the end mill to physically "cut" the carbide part often with depths of cut of more than a hundred microns (μm).

"Milling" cemented carbide with this new and innovative Diamond Coated End Mill may revolutionize your business. Please contact us to find out how.

