

Metalworking Tools



Solid Carbide Endmills



H700 Series for Hardened steel, up to HRC 70

- For hardened steel, HRC ~70.
- Ultra grain carbide.
- High speed cutting.
- SICO, NACO coating.
- 高硬材質加工專用，~HRC70。
- 進口極細鎢鋼棒料。
- 適用於高速加工。
- 提供 SICO 及 NACO 塗層。



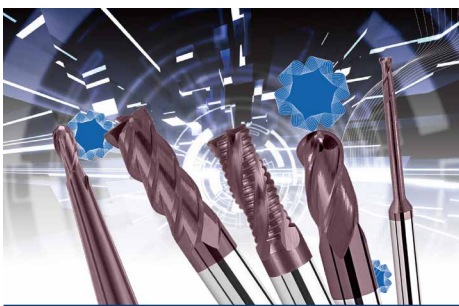
H680 Series for Hardened steel, up to HRC 65

- For hardened steel, HRC 50~65.
- Ultra grain carbide.
- High precision and high performance.
- SICO-TH coating.
- 高硬材質加工專用，HRC50~65。
- 進口極細鎢鋼棒料。
- 適用於高精度及高效率加工。
- 提供 SICO-TH 塗層。



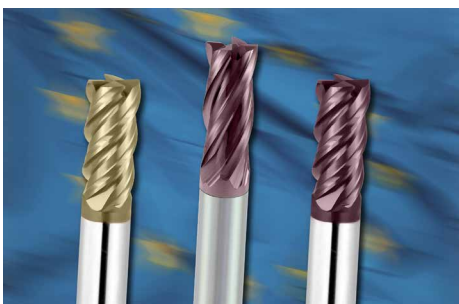
H650 Series for Hardened steel, up to HRC 60

- For hardened steel, HRC 40~60.
- Ultra grain carbide.
- SICO, TOP ARCO coating.
- 高硬材質加工專用，HRC40~60。
- 進口極細鎢鋼棒料。
- 提供 SICO, TOP ARCO 塗層。



G550 Series for Steel & Cast iron, up to HRC 55

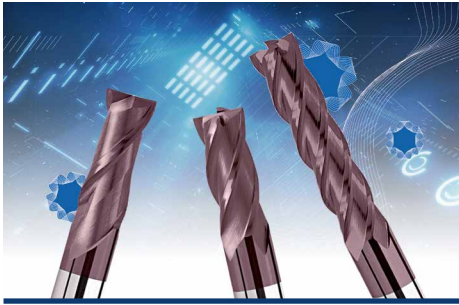
- For pre-hardened steel, alloy steel, cast iron, HRC 30~55.
- Micro grain carbide.
- UNICO coating.
- 泛用材質加工專用，預硬鋼、合金鋼、鑄鐵...，HRC30~55。
- 進口鎢鋼棒料。
- 提供 UNICO 塗層。



EUROS Series for High Feed Milling

- Tip with small chamfer or small radius design.
- For hardened & pre-hardened steel, Stainless, up to HRC 60.
- UNICO, SICO coating.
- 刀尖小倒角或小圓角設計。
- 高硬材質、預硬鋼、不鏽鋼加工用，HRC ~ 60。
- 提供 UNICO, SICO 塗層。

Solid Carbide Endmills



G450 Series for Steel, up to HRC 48

- For steel, alloy steel, cast iron, aluminum alloy (Si>15%), HRC 15~48.
- Micro grain carbide.
- UNICO coating.
- 泛用材質加工專用，一般碳鋼、合金鋼、鑄鐵、鋁合金...，HRC15~48。
- 進口鎢鋼棒料。
- 提供 UNICO 塗層。



M500 Series for Stainless, Titanium & Inconel

- For stainless steel, difficult-to-cut material, HRC 20~50.
- Ultra grain carbide.
- SICO-TH, UNICO, ARCO coating.
- 不鏽鋼、難切削材專用，HRC20~50。
- 進口極細鎢鋼棒料。
- 提供 SICO, UNICO, ARCO 塗層。



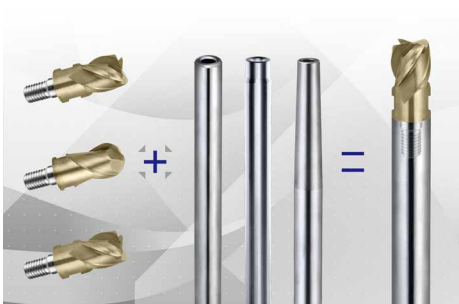
A200 Series for Graphite

- For Graphite.
- Micro grain carbide.
- DIA diamond coating.
- 石墨專用。
- 進口鎢鋼棒料。
- 提供 DIA 鑽石塗層。



A100 Series for Aluminum

- For non-ferrous, aluminum, aluminum alloy, copper, HRC<18.
- Micro grain carbide.
- CDLC coating & uncoating.
- 非鐵金屬、鋁合金、銅專用，HRC<18。
- 進口鎢鋼棒料。
- 提供 CDLC 塗層。



WinMaster Series Replaceable Endmills

- For ordinary steel, alloy steel, cast iron, HRC 30~55.
- Micro grain carbide.
- SICO coating.
- Replaceable Endmills.
- 泛用材質加工專用，一般碳鋼、合金鋼、鑄鐵...，HRC30~55。
- 進口鎢鋼棒料。
- 提供 SICO 塗層。
- 鎖牙式銑刀。

Milling Inserts & Tools



CXXN Shoulder Milling

CXXN 方肩銑系列

Optimize end-milling solution in various applications!!!

- XNMX with economy of 6 cutting edges.
- Low cutting resistance .
- True 90 degree square shoulder range.
- 經濟型的 6 個切削角
- 低切削阻力
- 正 90 度端銑



CXSXN Face Milling

CXSXN 面銑系列

Unique "Type Z" geometry minimizes chatter and vibration!!!

- SNMX with economical 8 cutting edges.
- Guarantees lowest cutting loads and longest tool life.
- High performance machining on various working material.
- 8 個切削角更顯經濟
- 保證刀具的低抗阻和壽命
- 泛用於各種材料的高性能加工



CXBN High Feed Face Milling

CXBN 高進給面銑系列

High Feed Milling Offers Increased Productivity!!!

- BNMX with economical 4 cutting edges.
- Lowest cutting force to insure maximum productivity!
- Optimal insert geometries, wide range cutting applications.
- 4 個切削角
- 確保生產率的最大化
- 多種幾何，適用於廣泛的切削應用

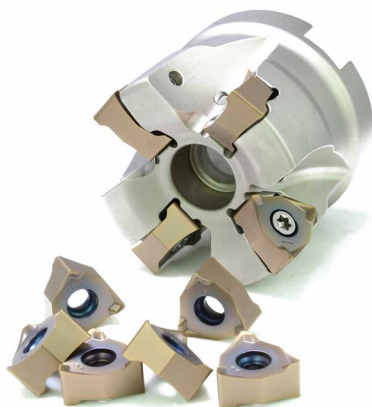


CXWN High Feed Face Milling

CXWN 高進給面銑系列

New Economical Solution for High Feed Milling Applications!!!

- WNMX with economical 6 cutting edges.
- Double sided & negative geometry has been designed for rigidity of cutting edge.
- Designed for multifunctional machining ability.
- 6 個切削角
- 雙面負角的設計，增加刀口剛性
- 多功能加工專用



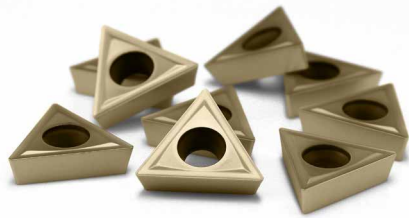
Turning Inserts



Negative Types

負角車刀片

- 50+ types to choose from.
- > 10 μ thick coating layer structure for various applications.
- Longitudinal, profile and face turning machining.
- Usable range cover from medium to roughing.
- 超過 50 種幾何可供選擇
- 針對多樣化加工提供厚塗層對應
- 適合端面，輪廓及外徑加工應用
- 加工範圍包含蓋中加工至粗加工



Positive Types

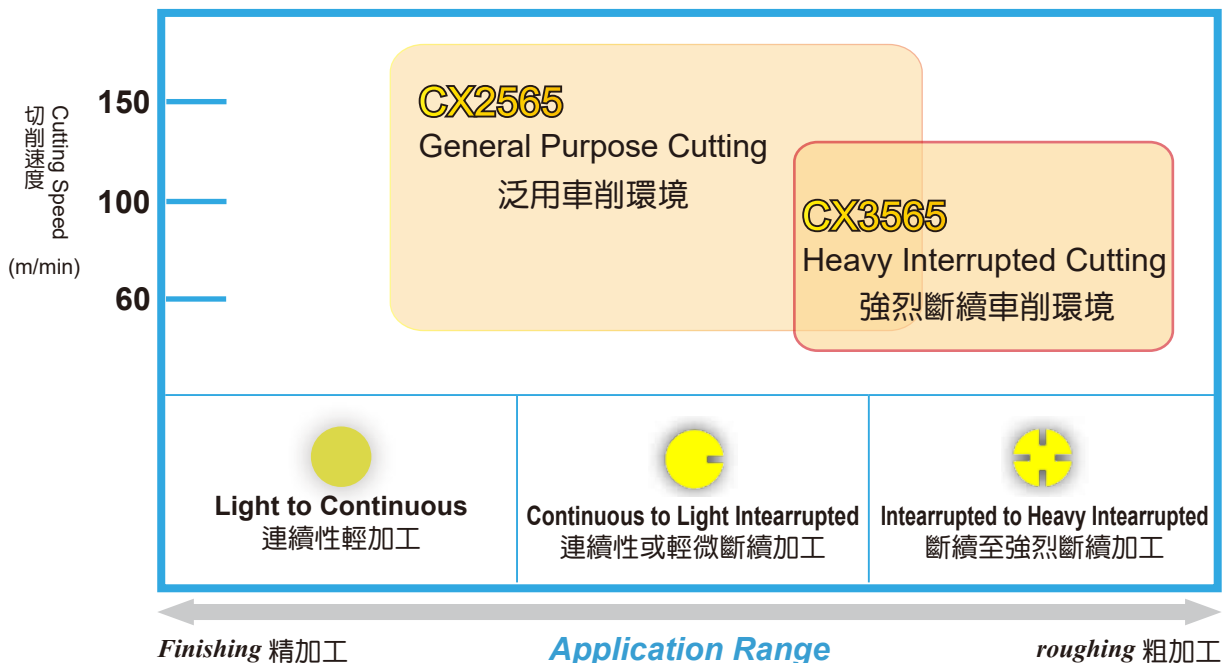
正角車刀片

- 25+ types to choose from.
- Thick or normal coating layer structure for different applications.
- Internal turning, profiling and boring machining.
- Usable range cover from semi-finishing to roughing.
- 超過 25 種幾何可供選擇
- 針對不同加工應用面提供不同塗層對應
- 適合內孔，輪廓及鏜孔加工應用
- 加工範圍包含半精加工至粗加工

NEW

CX2565 / CX3565

2017 New Turning Grades for General Purpose
2017 年全新泛用車刀片新材料



Features:

- Excellent heat resistance and wear resistance.
- Improve the adhesion resistance ability.
- Corner visibility with a unique color.
- Extend tool life and thereby reduces tools costs in a wide range of machining applications.

特性:

- 優異的耐磨耗及耐溫性。
- 高抗粘附能力。
- 輕易辨識已使用角。
- 延長刀具壽命，從而在廣泛的加工應用中降低成本。

Solid Carbide Drills



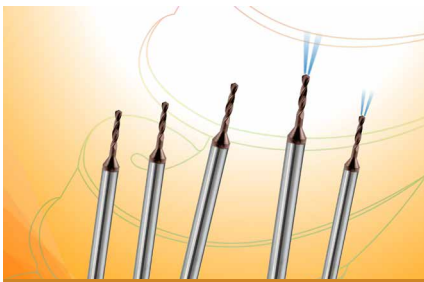
DP Series for Universal

- 3×D, 5×D, 7×D Cutting depth.
- Internal & External Coolant.
- 140° Tip Angle, Reinforced Shank.
- UNIX Coating.
- 3×D, 5×D, 7×D 加工深度。
- 冷卻方式：內冷孔 & 外冷。
- 140° 鑽尖，銑刀柄。
- UNIX 塗層。



DD Series for Deep Hole

- 10×D, 15×D, 20×D Cutting depth.
- Internal Coolant.
- 135° Tip Angle, Reinforced Shank.
- UNIX Coating.
- 10×D, 15×D, 20×D 加工深度。
- 冷卻方式：內冷孔。
- 135° 鑽尖，銑刀柄。
- UNIX 塗層。



DL Series for Mini Hole

- 3×D, 4×D Cutting depth.
- Internal & External Coolant.
- 130°, 140° Tip Angle, Reinforced Shank.
- UNIX Coating.
- 3×D, 4×D 加工深度。
- 冷卻方式：內冷孔 & 外冷。
- 130°, 140° 鑽尖，銑刀柄。
- UNIX 塗層。



DM Series for Stainless Steel

- 3×D, 5×D Cutting depth.
- Internal Coolant.
- 140° Tip Angle, Reinforced Shank.
- UNIX Coating.
- 3×D, 5×D 加工深度。
- 冷卻方式：內冷孔。
- 140° 鑽尖，銑刀柄。
- UNIX 塗層。



DH Series for Hardened Steel

- 3×D, 5×D Cutting depth.
- Internal Coolant.
- 140° Tip Angle, Reinforced Shank.
- SINIX Coating.
- 3×D, 5×D 加工深度。
- 冷卻方式：內冷孔。
- 140° 鑽尖，銑刀柄。
- SINIX 塗層。



DG Series for General Purpose

- 3×D, 5×D Cutting depth.
- External Coolant.
- 130° Tip Angle, Straight Shank.
- UNIX Coating.
- 3×D, 5×D 加工深度。
- 冷卻方式：外冷。
- 130° 鑽尖，直柄。
- UNIX 塗層。

Indexable Holemaking Tools & others



DSP Series Indexable Drills

- 2×D ~ 5×D Cutting depth.
- Diameter 12.5~50mm.
- Internal Coolant.
- Use SPMG insert.
- 2×D ~ 5×D 加工深度。
- 適用 12.5~50mm 孔徑加工。
- 冷卻方式：內冷孔。
- 使用 SPMG 刀片。



DWC Series Indexable Drills

- 2×D ~ 5×D Cutting depth.
- Diameter 14~60mm.
- Internal Coolant.
- Use WCMT insert.
- 2×D ~ 5×D 加工深度。
- 適用 14~60mm 孔徑加工。
- 冷卻方式：內冷孔。
- 使用 WCMT 刀片。



DZ Series for Step Hole

- Internal & External Coolant.
- Reinforced Shank.
- UNIX Coating.
- Customized available.
- 冷卻方式：內冷孔 & 外冷。
- 銑刀柄。
- UNIX 塗層。
- 可客制化。



DR Series Machine Reamers

- External Coolant.
- Specially for high accurate hole machining.
- UNIX Coating.
- Customized available.
- 冷卻方式：外冷。
- 專為高精度的孔加工設計。
- UNIX 塗層。
- 可客制化。



DB Series Boring System

- Easy to adjust.
- High rigidity tool body.
- Various inserts available.
- Diameter 25mm to 610mm.
- 易於調整加工孔徑。
- 高剛性合金鋼本體。
- 可適用多種刀片。
- 適用 25-610mm 孔徑加工。





*WINSTAR is your first choice of cutting tools supplier from Taiwan.
Always innovative in carbide tools manufacturing.*

Our Products :

***Solid Carbide Endmills
Indexable Milling & Turning
Holemaking Tools***

**WINSTAR CUTTING TECHNOLOGIES CORP.
萬事達切削科技股份有限公司**

No. 10, Gongye 6th Road, Tainan Technology Industrial Park,
Tainan City 709, Taiwan

709 台灣台南市安南區工業六路 10 號 (台南科技工業區)

TEL : +886-6-3840386

FAX : +886-6-3840387

🌐 www.winstarcutting.com

✉ info@winstarcutting.com

