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COMPLETE
METALWORKING
SOLUTIONS

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BEST OF SELECTION

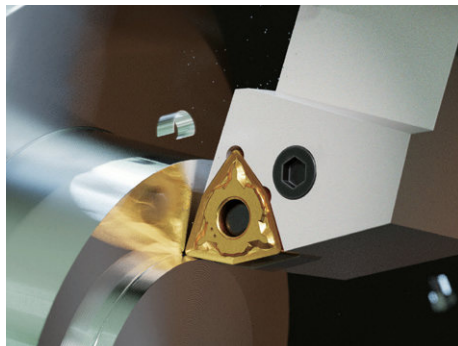
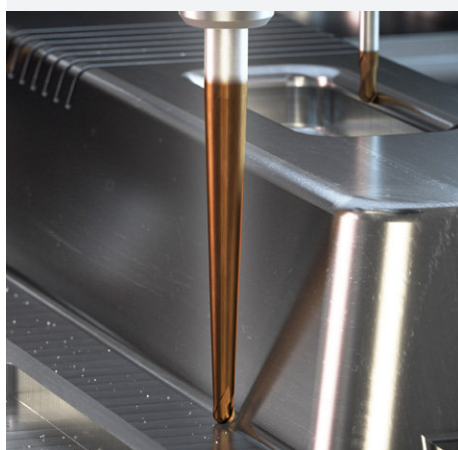
HIGH PERFORMANCE PRODUCTS 2024-2025



 YG-1 CO., LTD.



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P Steel	Hard Tough	YG3115 First Choice Grade for High Cutting Speed in Steels	
		YG3020 First Choice Grade for General Steel Application YG3030 Interrupted Cutting of Steel	
P Steel		YT100 First Choice for Finishing Steel	
M Stainless Steel	Hard Tough	YG211 High Wear Resistance Grade for Stainless steel	
		YG2025 CVD Grade for Interrupted Cutting of Stainless steel	
		YG213 First Choice Grade on Low Cutting Speed of Stainless steel	
		YG214 Heavy Interrupted Cut for Stainless steel	
S Super Alloy	ISO S10-S20	YG401 PVD Turning Grade for Heat-resistant Super alloy	
K Cast Iron	ISO K05-K15	YG1010 First Choice for Cast Iron	
N Non-ferrous Metals	DLC	YG100 First Choice Grade for Aluminum with DLC Coating	
	Uncoated	YG10 Uncoated Grade for General Aluminum	



Chip breakers for Steel		Chip breakers for Cast iron	
Finishing Roughing	-UF For Finishing	Stable Unstable	-UC Medium Roughing
	-UL Semi-Finishing and Sticky Materials		-UR Roughing and Heavy Interrupted Cut
	-UM Medium (for Unstable Condition)		-MA Cast Iron Heavy Roughing (Flat type)
	-UG Medium (for Stable Condition)		-KR Cast Iron heavy Roughing (Big K-land)
	-PWM Wiper-Medium	Chip breakers for Stainless steel	
	-UC Medium Roughing	Finishing Roughing	-MF Finishing
-UR Roughing and Heavy Interrupted Cut	-MM Medium		
	-MG General		
Chip breakers for heavy Turning		Chip breakers for Superalloys	
Medium Roughing	-UH Medium Heavy	Finishing Roughing	-SF Finishing
	-UT Heavy Roughing		-SM Medium
Chip breakers for Cermet			-SR Roughing
Finishing Medium Finishing Medium	-PSF Cermet Finishing		
	-C Cermet Medium		
	-PF Cermet Finishing		
-PM Cermet Medium		-AL from Roughing to Finishing	



Scan this QR code
to see our
YG FM10 Mill
at work



GRADES

Milling Grades		P Steel					M Stainless steel				K Cast iron				N Non-ferrous				S Superalloys				H Hardened Steel			
		P05	P15	P25	P35	P45	M05	M15	M25	M35	K05	K15	K25	K35	N05	N15	N25	N35	S05	S15	S25	S35	H05	H15	H25	H35
PVD	YG012	012																						012		
	YG712	712																								
	YG713	713																								
	YG612		612						612											612						
	YG613			613					613																	
	YG501										501															
CVD	YG5020										5020															
Uncoated	YG50														50											



YG012 P10 - P30 H10 - H30
Optimized Milling Grade for Pre-Hardened & Hardened steel



YG501 K05 - K25
Hard Milling grade for Cast Iron



YG712 P10 - P30
Milling Grade for Medium of Steel Application



YG5020 K01-K30
CVD grade for Cast Iron



YG612 P20 - P40 M20 - M40 S20 - S40
Specialized Multi-Nano Coated Grade with high wear resistance and chipping resistance



YG50 N05 - N20
Uncoated Milling Grade for Aluminium



YG613 P30 - P50 M30 - M40
Milling Grade for Stainless Steel Application

CHIP BREAKERS

-AL		- For Aluminum - Very Sharp Geometry
-ST		- For Stainless Steel, Super Alloy - Sharp Geometry
General Inserts (GN)		First Choice for General Application
-TR		- For Hardened Steels - Reinforced Geometry
...W / ...N		For Hardened Material and Cast Irons



APPLICATION

High feed milling, profiling, face milling, ramping, plunging, helical interpolation

FEATURES

- Cutter Diameter range : 16~125mm (.625"~6")
- Double-sided insert with 4 corners
- Wide flank face with reinforced insert shape
- Positive rake angle & Small entering angle



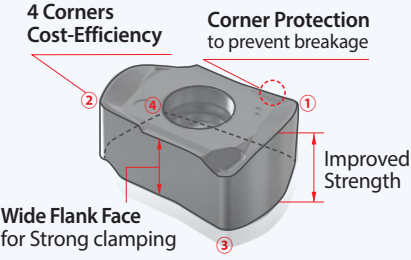
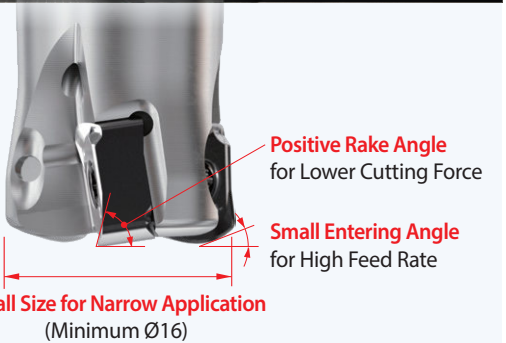
ENMX[®] General
Carbon Steel
Low Alloy Steel
Alloy Steel



ENMX[®] -TR
Reinforced Edge
High Alloy Steel
Hardened Steel
Cast Iron



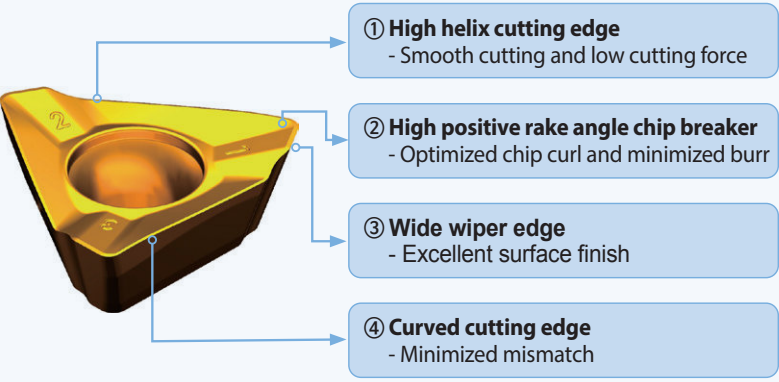
ENMX[®] -ST
Sharp Geometry
Stainless Steel
Sticky Material
Super Alloy



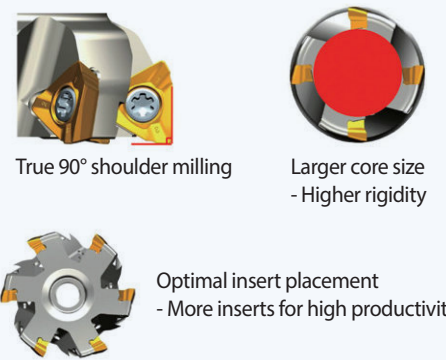
Scan this QR code
to see our
YG HF4 Mill
at work



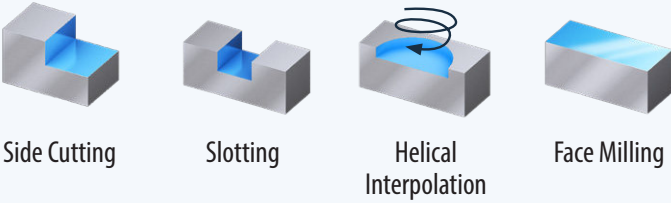
FEATURES



KEY TECHNOLOGY



APPLICATION



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YG SM3 Mill
at work



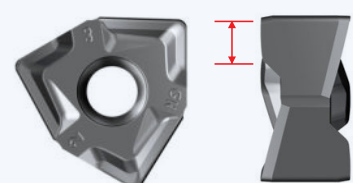
FEATURES

- 6 Cutting edges for shouldering - high cost-efficiency
- High positive helical cutting edge
- High chipping resistance with reinforced cutting edge
- Ground insert – high precision tolerance and excellent surface finish
- Diameter range : Ø32mm - Ø200mm
- Ap (max) : 7mm

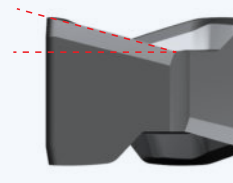
APPLICATION



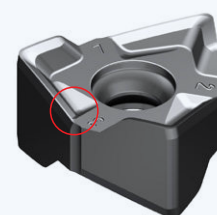
KEY TECHNOLOGY



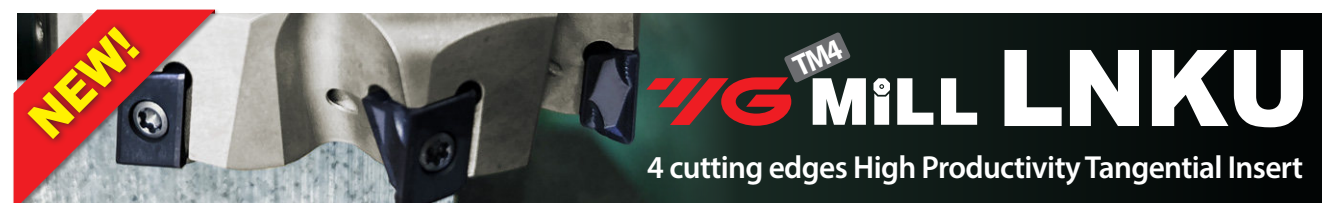
Wider wiper edge length



High Helix cutting edge



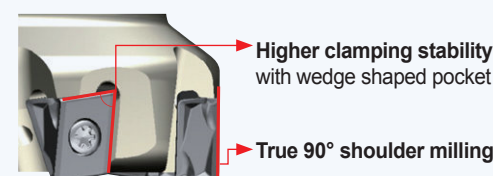
Unique chip groove



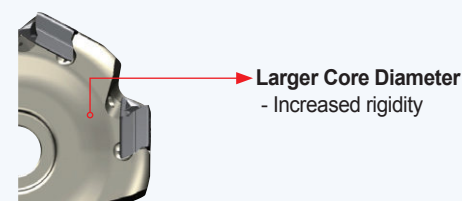
FEATURES

- ① **High positive rake face**
- Optimal chip curl & minimized burrs
- ② **High helix cutting edge**
- Low cutting force and Smooth cutting
Curved cutting edge
- Minimized mismatch
Wide wiper flat cutting edge
- Larger depth of cut
- ③ **Wide wiper flat cutting edge**
- Excellent surface quality
- ④ **Thicker insert**
- Ultra rigidity
- ⑤ **Tangential clamping system**
- Rigid clamping and stable machining

KEY TECHNOLOGY



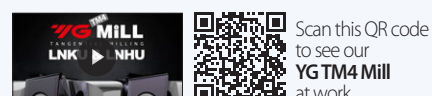
Higher clamping stability with wedge shaped pocket



True 90° shoulder milling



Larger Core Diameter - Increased rigidity



GRADES

YG602

Universal grade for Parting & Groove Turn
• TiAlN PVD Coating for General Application

YG602G

Universal grade for Parting & Groove Turn
• TiAlN / TiN PVD Coating with Good wear resistance

YG603

PVD Parting & Grooving Grade for Stainless Steel
• First Choice for stainless steel



CHIP BREAKERS

Parting & Grooving	-P			• For External Parting Off & Grooving • For Medium Feed Rate
	-N			• For External Parting Off & Grooving • For Low Feed Rate
Turning & Grooving	-Y			• For External Turning & Grooving • For Medium Feed Rate
	GL			• For External, Internal Turning and Grooving • Face Grooving and Face turning • For low feed rate
	GM			• For External, Internal Turning and Grooving • Face grooving and Face turning • For Medium Feed Rate
	RG			• For External, Internal Turning and Grooving • Face Grooving and Face Turning • Full Radius Insert for Profiling

※ width : 2, 3, 4 mm

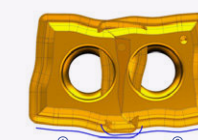


FEATURES

- Economic square type 4 cutting edge insert
- One kind of insert in outer and inner pocket
- Twisted coolant channel and enlarged chip gullet for better chip evacuation
- Highly durable drill body due to high hardness and optimized material
- Polished flute enables to improved chip evacuation in deeper machining

KEY TECHNOLOGY

- Only 1 Chip formation per flute
- Full usage of all 4 corners



SYMX Series

True 4 corner drill insert
SYMX 05, 06, 07, 08
Diameter Ø 14mm ~ Ø28mm

YG DRILL GRADE & CHIP BREAKER



YG602 P20 - P35 M20 - M40 K20 - K40 S15 - S25
Multi-Purpose Grade



YG713 P15 - P25
Drilling Grade for General Steel Application



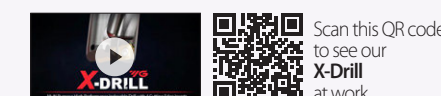
YG613 P30 - P50 M30 - M50
Drilling Grade for Stainless Steel Application

WCMX Series

Popular 3 corner drill insert
WCMX 03, 04, 05, 06, 08
Diameter Ø 16mm ~ Ø 60mm

SPMX Series

Economic 4 corner drill insert
SPMX 05, 06, 07, 09, 11, 14
Diameter Ø 13mm ~ Ø 50mm



NEW!

DREAM DRILL^X

Multi-Purpose Solid Carbide Drilling up to HRc50
Proprietary Coating upgrade boosting Performance
in Steel and Cast-Iron applications

New Coating Technology "RCH-Coating"

Combining the major benefits of TiAlN and AlCrN into a new Multi-Layer coating generation provides unique advantages such as:

Extreme Wear Resistance

High Heat Endurance

Chipping Protection

Tool Life
compared to Normal TiAlN coated drills
20 to 50%

Radius Thinning

Flute Shape

Negative Land (Honing)

FEATURES & BENEFITS

- Universal Point Grinding**
Soft cutting action and reduced axial forces; Easy to Recondition
- Radius Thinning**
Provides very good self centering even at low feed rates and unstable situations
- Tailored Flute Design**
Excellent Chip Breaking and Evacuation
- Edge Preparation**
Maximizing Tool life in various materials

DREAM DRILLS -FLAT BOTTOM

FAST AND STABLE DRILLING
FOR A WIDE VARIETY OF APPLICATIONS
X-Coated(2XD), TiAlN Coated(5XD), Flat Bottom Solid Carbide Drills
for Drilling a Variety of Contoured and Sloped Surfaces

FEATURES & BENEFITS

- 180 degree point angle enables drilling of horizontal and sloped surfaces
- Excellent chip evacuation by optimized flute shape
- High strength cutting edge to improve tool life
- Can be used in a variety of drilling applications

RANGE

- Ø 3mm - Ø 20mm (.1181"-.7874")
- Drill Depth: 2XD, 5XD

APPLICATION

Scan this QR code to see our Dream Drills Flat Bottom at work.

DREAM DRILLS -HIGH FEED

INCREASE YOUR PRODUCTIVITY UP TO 2 TIMES HIGHER
H- Coated 3 Flute Solid Carbide Drills
with Coolant Holes for Faster Drilling on Steels and Cast Iron

FEATURES & BENEFITS

- For Carbon Steels, Alloy Steels (-HRc35), Cast Iron
- Increases productivity due to 1.5 to 2 times faster feeding speed than 2 flute drills
- Multi-layered coating delivers outstanding productivity and reliability

RANGE

- Ø 5mm - Ø 20mm (.1969"-.7874")
- Drill Depth: 3xD, 5xD

Productivity (Carbon Steel)

Size	Flute Type	Productivity Increase	Feed Rate (mm/min)
Ø6.0 5xD	3-Flute	1.4 times UP	1,592
	2-Flutes		1,114
Ø10.0 5xD	3-Flute	1.6 times UP	1,600
	2-Flutes		1,003

Scan this QR code to see our Dream Drills High Feed at work.

i-ONE DRILL

COST EFFICIENT HIGH PERFORMANCE EXCHANGEABLE DRILLING TOOLS
H- Coated Carbide Inserts and Premium Steel Holders

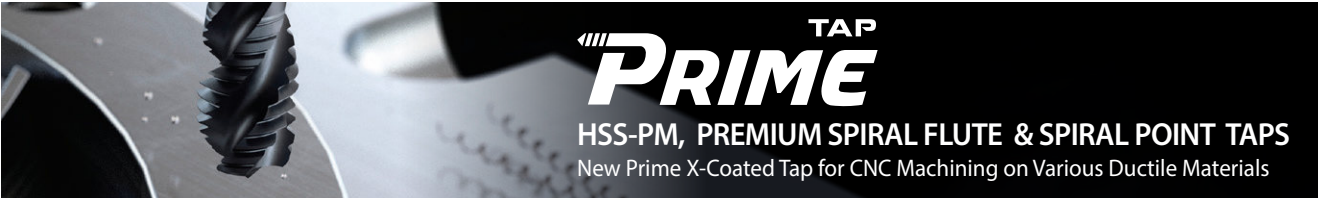
FEATURES & BENEFITS

- For Carbon Steels, Alloy Steels and Cast Iron
- Secure and quick clamping system
- High performance with cost efficiency
- Multi-layered coating delivers outstanding productivity and reliability

RANGE

- Ø 10mm - Ø 33.73mm (.3937"-1.3281")
- Holder Length: 3xD, 5xD, 8xD

Scan this QR code to see our i-One Drills at work.



Special grinding process provides an unique geometry on spiral flute and spiral point taps to help control chip evacuation, preventing nest formation and enhance flute space.



FEATURES & BENEFITS

- High-Performance**
Prime Tap is the tap for customers who demand versatility with improved tool life and consistent performance. Especially effective for end users with modern CNC equipment looking for productivity gains with consistent gauging and excellent thread finish.
- Multi-Purpose**
Prime Tap is YG-1's answer high performance tapping across a range of materials including carbon and alloy steels, ductile irons, aluminum, and stainless steel
- Fix Problem**
Prime Tap utilizes YG-1's latest tap geometries to reduce or eliminate bird nest problems associated with blind hole tapping with spiral flute taps.
- Premium HSS-PM**
Powdered metal technology for higher spindle speeds, longer tool life, and excellent thread finish.

RANGE

Spiral Flute	M	M2 - M30	Spiral Point	M	M2 - M24	Forming * Now Only for DIN Length/ ANSI Shank	M	M2 - M24
	MF	M4 - M30		MF	M4 - M24		MF	M2 - M24
	UNC	#4 - 1-1/2"		UNC	#2 - 1"		UNC	#0 - 1"
	UNF	#4 - 1-1/2"		UNF	#2 - 1"		UNF	#0 - 1"



Scan this QR code to see our Prime Tap at work.



Combo Tap's geometry provides enough flute space resulting in smooth chip evacuation and therefore a continuous production process. Guarantee a high level of process reliability even under unfavorable conditions.

FEATURES & BENEFITS

- For Steels, Stainless steels, Cast iron and Non-ferrous materials
- Prevent over & under feeding by its optimized flank geometry
- Constant threading quality preventing oversized threading

RANGE

Spiral Flute	M	M2 - M52
	MF	M4 - M52
	UNC	#4 - 1-1/2"
	UNF	#4 - 1-1/2"
Spiral Point	M	M2 - M52
	MF	M4 - M52
	UNC	#4 - 1-1/2"
	UNF	#4 - 1-1/2"



Scan this QR code to see our Combo Tap at work.

NEW!

TiN COATED HSS-E YG TAP CHIP BREAKER
"The Trouble-Shooter"

Chip Breaker
Special flute grinding process provides excellent performance with chip-breaking to aid in chip evacuation

YG-1 Special Thread Structure
Reduction in torque, wear, and the risk of overfeeding as compared to conventional taps

15° Helix Angle
Promotes efficient chip evacuation

Short Chip Obtained With YG Tap Chip Breaker!!
YG Tap Chip Breaker provides a solution to solve the productivity problem caused by long chips, avoiding bird nesting. Particularly suitable for machining non-alloy steel, low alloy steel, high alloy steel, and tool steel.

RANGE

With Internal Coolant	M	M4 - M20
	MF	M8 - M20
Without Internal Coolant	M	M6 - M20
	MF	M8 - M20

Scan this QR code to see our YG Tap Chip Breaker at work.

YG TAP FORMING
3 TIMES FASTER THAN CONVENTIONAL TAPS
TiCN, TiN-Coated HSS-PM Taps for High-Speed Synchronous Tapping

FEATURES & BENEFITS

- The strongest threads with greater pull strength, increased productivity, reduced breakage, longer tool life
- Superior thread finish with roll form taps.
- Roll formed threads are created using a deformation process during the tapping cycle moving metal grains into position versus cutting.

RANGE

with Oil Groove	M	M2 - M20
	MF	M4 - M20
	UNC	#5 - 3/4"
without Oil Groove	M	M2 - M20

with Oil Groove

TiN	TiCN	Nitride	Steam Tempered

without Oil Groove

TiN	Nitride	Steam Tempered

Synchro TAP COLD FORMING
TiN-Coated HSS-PM Taps for High-Speed Synchronous Tapping

M/MF	M3 - M20
UNC/UNF	#4 - 3/4"

Internal Coolant Version



FEATURES & BENEFITS

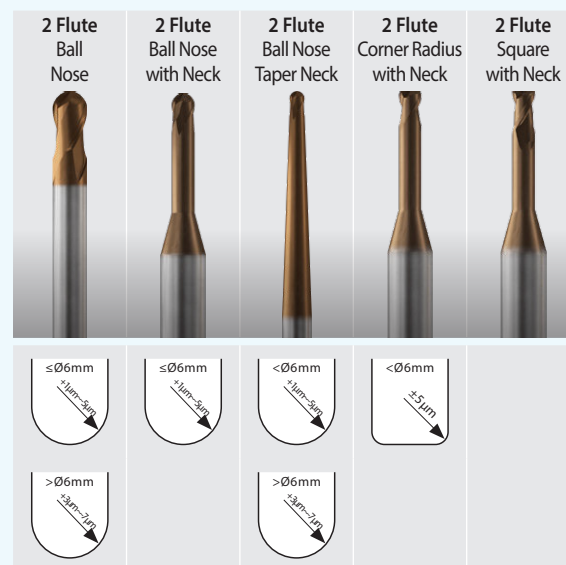
- Over 800 different variants allow Length-to-Diameter and Stick-out optimization of Fine-Finishing applications without compromises
- Total High Accuracy setup including not only ball accuracy but shank, neck and conical transition accuracy

New C-Coating

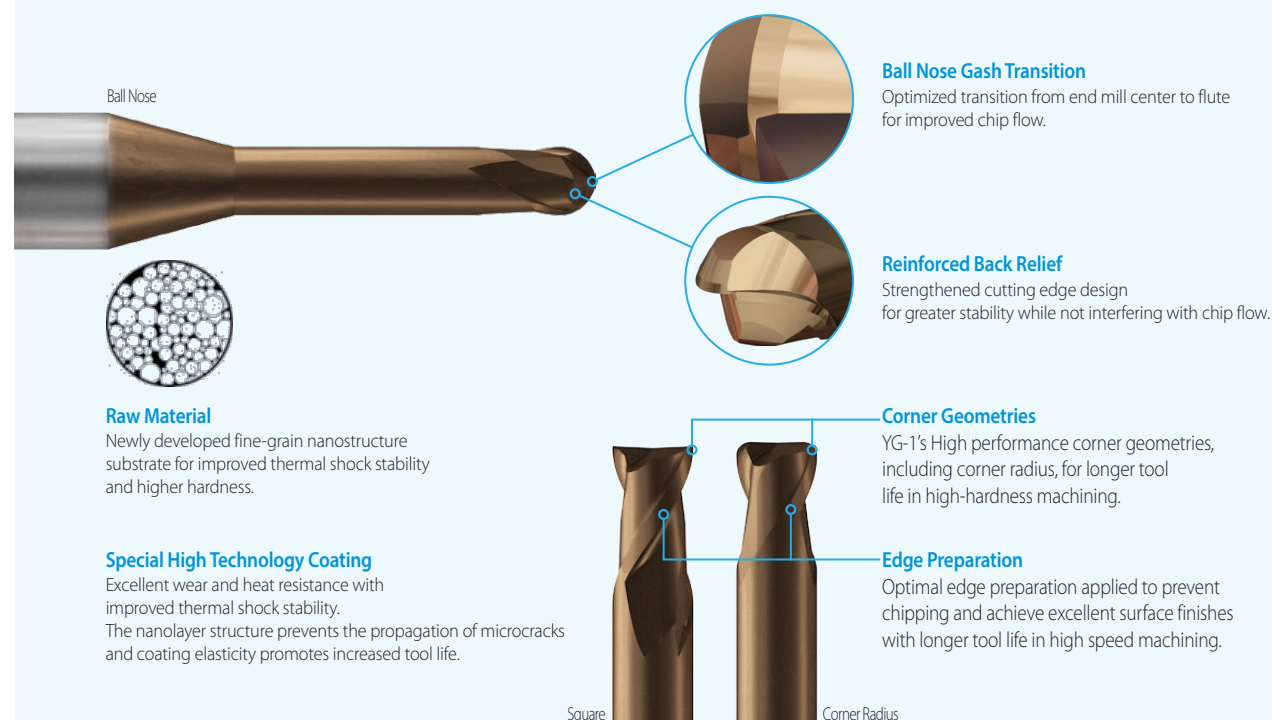
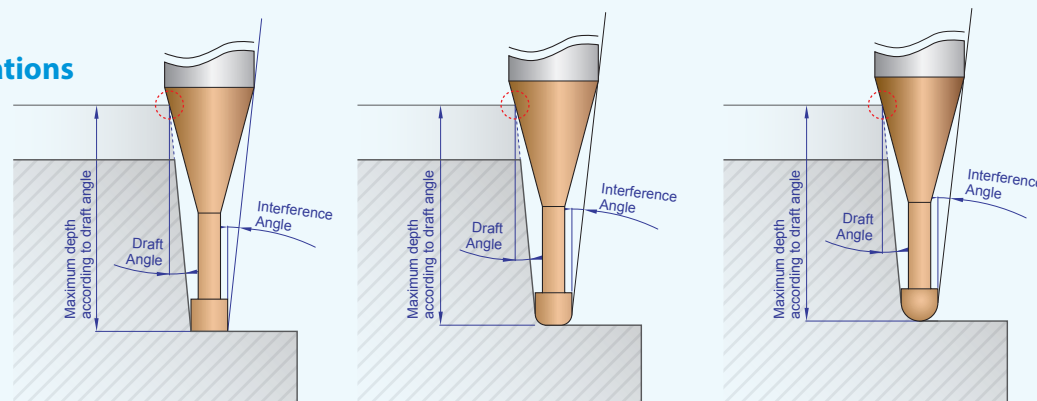
- Next Performance Level within ISO H machining
- Excellent Wear and Heat resistance beyond typical Si-based coatings

RANGE

- Square $\varnothing 0.1\text{mm} - \varnothing 6\text{mm}$
- Corner Radius $\varnothing 0.2\text{mm} - \varnothing 3\text{mm}$
- Ball Nose $\varnothing 0.1\text{mm} - \varnothing 20\text{mm}$



Applications

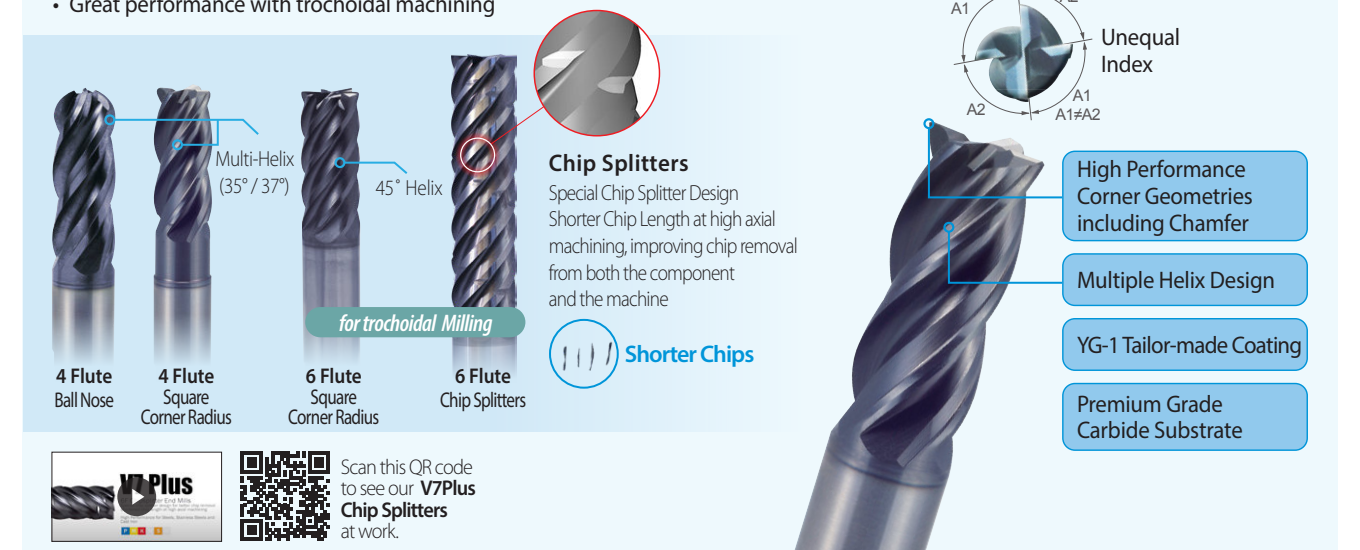


FEATURES & BENEFITS

- High volume cutting with excellent surface finish (heavy cutting)
- Excellent on Stainless Steels, Mild Steels and Cast Iron
- Unique flute and corner design for chip formation and longer tool life
- Optimized coating for wear reduction and heat resistance
- Great performance with trochoidal machining

RANGE

- Square $\varnothing 3\text{mm} - \varnothing 25\text{mm}$ (1/8 - 1")
- Corner Radius $\varnothing 3\text{mm} - \varnothing 25\text{mm}$ (1/8 - 1")
- Ball Nose $\varnothing 3\text{mm} - \varnothing 25\text{mm}$ (1/8 - 1")



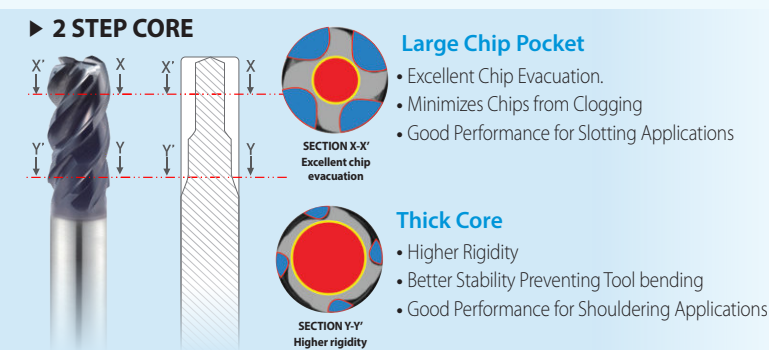
FEATURES & BENEFITS

- For Titanium, Stainless Steels and also excellent for Steels
- For high-speed machining and heavy cutting
- Dual stepped-core on 4 flute, 5 flute with multiple helix

RANGE

- Square $\varnothing 6\text{mm} - \varnothing 25\text{mm}$ (1/8 - 1-1/4")
- Corner Radius $\varnothing 6\text{mm} - \varnothing 25\text{mm}$ (1/8 - 1-1/4")
- Roughing $\varnothing 6\text{mm} - \varnothing 25\text{mm}$

4 Flute Double Core End Mills With Corner Radius



4G MILLS

THE FIRST CHOICE for PRE-HARDENED STEELS (-HRc55)
Y-Coated Solid Carbide End Mills for Die & Mold Industries

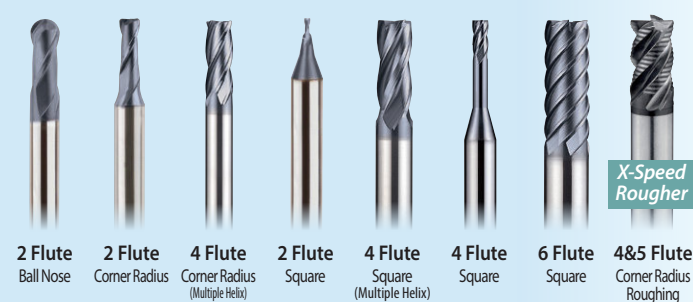
FEATURES & BENEFITS

- Large product line with various sizes & shapes
- Edge preparation preventing chipping, achieving excellent finish, and longer tool life in high-speed cutting
- Unequal index & multiple helix exclusively designed to reduce vibration and also to achieve excellent chip evacuation

RANGE

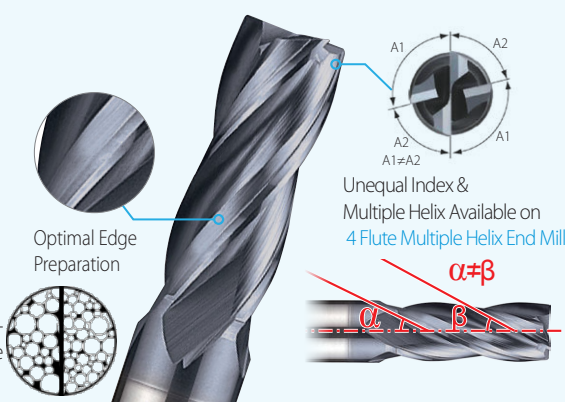
- Square $\varnothing 0.1\text{mm} - \varnothing 25\text{mm}$ (.004 - 1")
- Corner Radius $\varnothing 0.2\text{mm} - \varnothing 20\text{mm}$ (.008 - 3/4")
- Ball Nose $\varnothing 0.1\text{mm} - \varnothing 25\text{mm}$ (.004 - 3/4")
- X-Speed Rougher $\varnothing 6\text{mm} - \varnothing 20\text{mm}$ (1/4 - 1")

4G Mills Line up



Scan this QR code to see our 4G Mills at work.

Ultra Micro grain - Nano Grain Carbide



ALU-POWER HPC

HIGH PERFORMANCE END MILLS for ALUMINUM
DLC-Coated & Non-Coated Solid Carbide End Mills for Aluminum Alloy, Non-Ferrous & Non-Metallic Materials

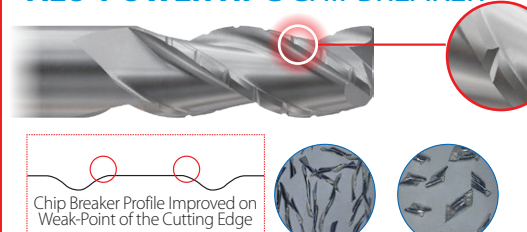
FEATURES & BENEFITS

- Designed for Aluminum Alloys used in Aerospace industries
- Special geometries applied to control weight balance for quality performance on higher RPM making an excellent surface finish through stable machining
- High corner protection made from special shape and rake angle inside the radius

Excellent performance with High feed, High RPM, High chip removal (heavy cutting)

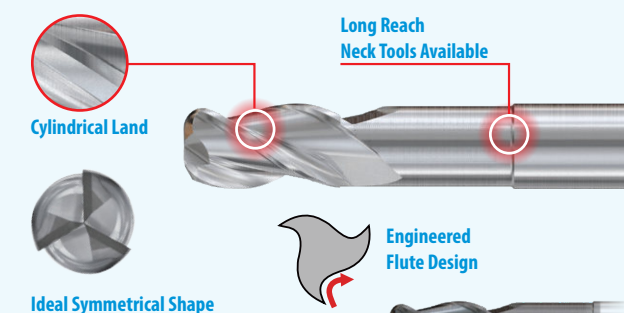
NEW

ALU-POWER HPC CHIPBREAKER



Optimized Chip Breaker Profile Design

Optimized Chip Breaker Profile design boosts the best performance in Aluminum high-speed processing.



RANGE

※ Available in Non-coated & DLC coated items

TYPE(SERIES)	SIZE RANGE	
	METRIC	INCH
3 Flute Square	$\varnothing 3 \sim 25\text{mm}$	$\varnothing 1/8 \sim 1$
3 Flute Square with Neck	$\varnothing 6 \sim 20\text{mm}$	$\varnothing 1/4 \sim 1$
3 Flute Corner Radius	$\varnothing 6 \sim 20\text{mm}$ (R0.3~4mm)	$\varnothing 1/8 \sim 1$ (R.010~.250)
3 Flute Corner Radius with Neck	$\varnothing 6 \sim 20\text{mm}$ (R0.3~4mm)	$\varnothing 1/4 \sim 1$ (R.010~.250)
3 Flute Square with Chip Breakers	$\varnothing 6 \sim 20\text{mm}$ (R0.25~4mm)	$\varnothing 1/2 \sim 3/4$ (R.010~.60)
3 Flute Corner Radius with Chip Breakers	$\varnothing 6 \sim 20\text{mm}$ (R0.25~4mm)	$\varnothing 1/8 \sim 1$ (R.010~.60)



Scan this QR code to see our ALU-Power HPC at work.

X5070

for HIGH-HARDENED STEELS (HRc50-70)
BLUE-Coated Solid Carbide End Mills for High-Hardened Steels

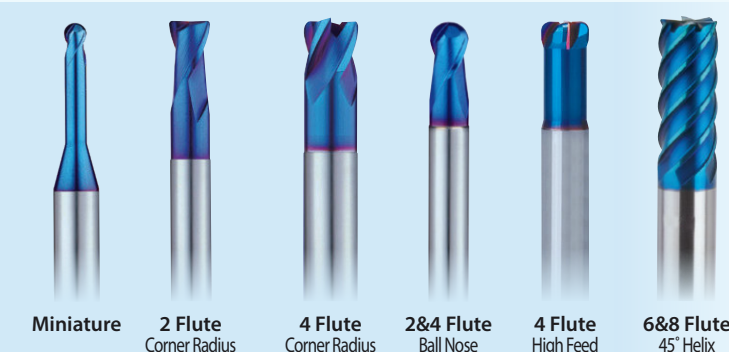
FEATURES & BENEFITS

- Made from premium grade carbide material for oil mist / high-speed machining
- YG-1's customized coating, along with negative rake angles
- Excellent finished surface

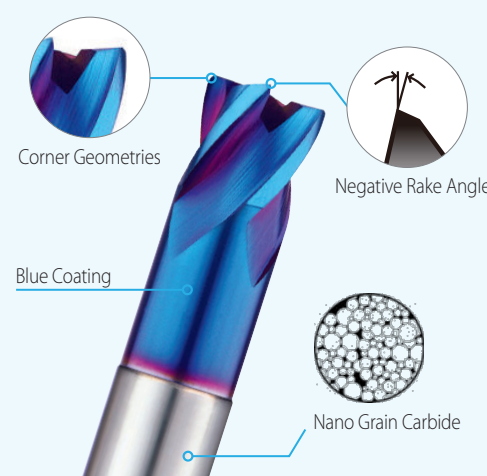
RANGE

- Square $\varnothing 0.1\text{mm} - \varnothing 25\text{mm}$ (.004 - 1")
- Corner Radius $\varnothing 0.5\text{mm} - \varnothing 20\text{mm}$ (1/16 - 1")
- Ball Nose $\varnothing 0.1\text{mm} - \varnothing 25\text{mm}$ (1/32 - 1/4")

X 5070 Line up



Scan this QR code to see our X5070 at work.



i-Xmill

HIGH PRECISION CUTTING with COST EFFICIENCY
Coated Exchangeable Carbide Inserts with both Carbide & Steel Holders for Various Materials

HOLDER FEATURES



Carbide Holders

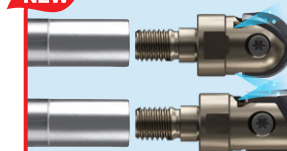
- ▶ Repairable in case of collision due to blunt brazing
- ▶ Lower deflection than steel holder
- ▶ Preferred shank for use with shrink fit holders
- ▶ Ball nose shanks also accept both corner radius and high feed inserts



Steel Holders

- ▶ Economic solution for short reach applications
- ▶ Taper neck shape for less deflection on 5 axis machines
- ▶ Ball nose shanks also accept both corner radius and high feed inserts

NEW



Modular Type of i-Xmill Tooling

- ▶ Highest flexibility using market common coupling
- ▶ Internal coolant or air blow supply

INSERT FEATURES

- Optimal for machining deep cavities or around obstacles e.g. fixtures
- Favorable solution for larger diameters beyond Solid Carbide
- High accuracy for Semi and Fine Finishing operations
- Various geometries and coating variants available covering almost all materials

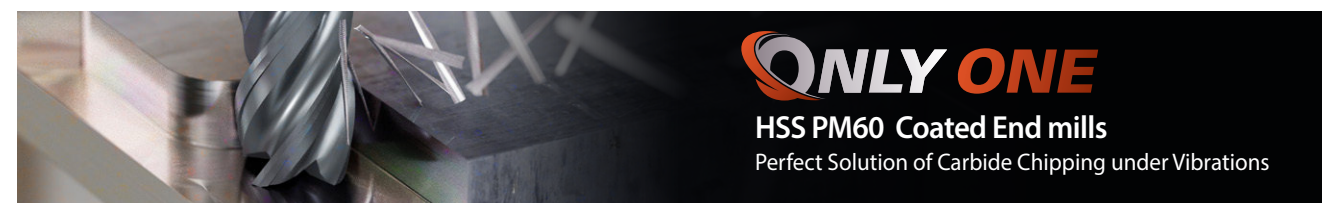
RANGE

- Ball $\varnothing 8\text{mm} - \varnothing 33\text{mm}$ (5/16 - 1-1/4")
- Corner Radius $\varnothing 8\text{mm} - \varnothing 33\text{mm}$ (5/16 - 1-1/4")



Scan this QR code to see our i-Xmill at work.

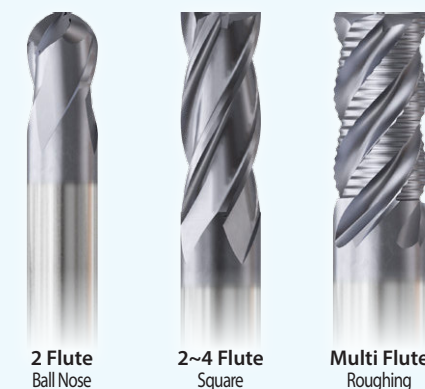
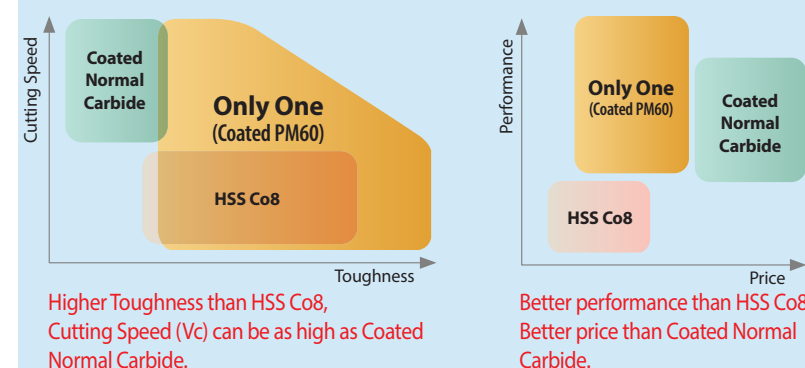




FEATURES & BENEFITS

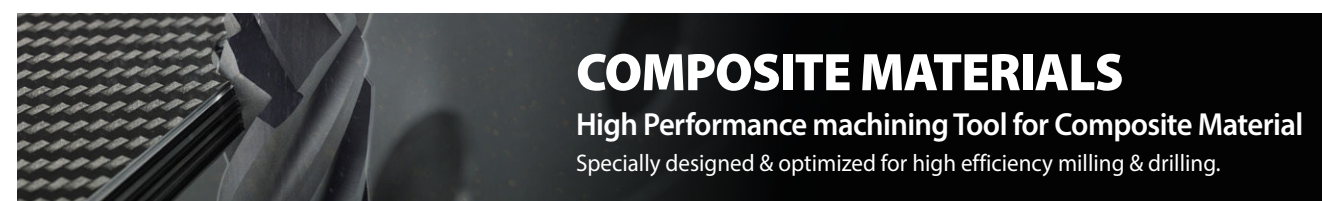
- Y-coated PM60 High Speed Steel
- First Choice alternative to carbide in less stable conditions
- Higher cutting speeds than regular HSS Co
- HSS-PM60 allows for machining harder materials

To protect chipping problems under the unstable machining conditions with vibration



RANGE

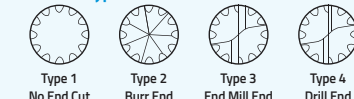
- Ball Ø 0.5mm - Ø 25.0mm
- Square Ø 1.0mm - Ø 25.0
- Roughing Ø 6.0mm - Ø 2.5mm



Diamond Coated Chip Breaker Routers

- The unique flute structure provides good surface finish, longer tool life and requires less cutting force
- Reduce delamination and uncut fibers
- Roughing and finishing processes
- Diamond coating with excellent abrasion resistance

End Teeth Type



Diamond Coated Compression Routers

- The unique flute structure provides good surface finish, longer tool life and requires less cutting force
- Reduce delamination and fibers pullout
- Roughing and finishing processes
- Diamond coating with excellent abrasion resistance



Diamond Coated Drills

A combination of perfect carbide choice with innovative design and adapted CVD coating make YG-1 CFRP drills a good choice for Composite materials drilling



PCD TOOLS

YG-1 PCD Series for CFRP and stacks offer cutters designed for drilling, countersinking and milling operations. It covers the complete range of cutting tools commonly used within Aerospace, Automotive, Energy and Sporting Goods industries.



TOOLING SYSTEM



HYDRAULIC CHUCK - Power E Hydro



- Superb T.I.R. Accuracy & Repeatability
≤ 0.003mm (Direct Clamping)

- Clamping Force
 - ID 12mm : 110 Nm
 - ID 20mm : 520 Nm
 - ID 32mm : 900 Nm

- Basic G2.5 25,000 RPM Balanced

- Various Size of Reduction Sleeve
Ø 3mm - Ø 25mm

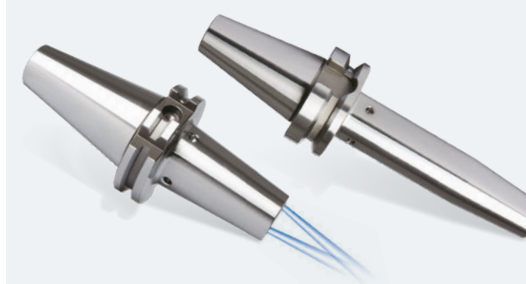
- Advantage
 - Covering up to milling(roughing & finishing)
 - No slippage or pull out of tool
 - Rigid body design to withstand side thrust
 - Avoid tool bending during machining.

Strong Torque Power

Hydraulic Chuck I.D(mm)	Tool Shank O.D(mm)	Applicable RPM	Minimum Clamping Depth (mm)		Min. Torque Power (Nm)	
			Slim	Power E Hydro	Slim	Power E Hydro
6	6	40,000	27		16	
8	8	40,000	27		23	
10	10	40,000	32		45	
12	12	40,000	27	41	90	110
14	14	40,000	37		110	
16	16	40,000	42		185	
18	18	40,000	42		240	
20	20	40,000	42	48	330	520
25	25	25,000	48		400	
32	32	25,000	55	57	650	900

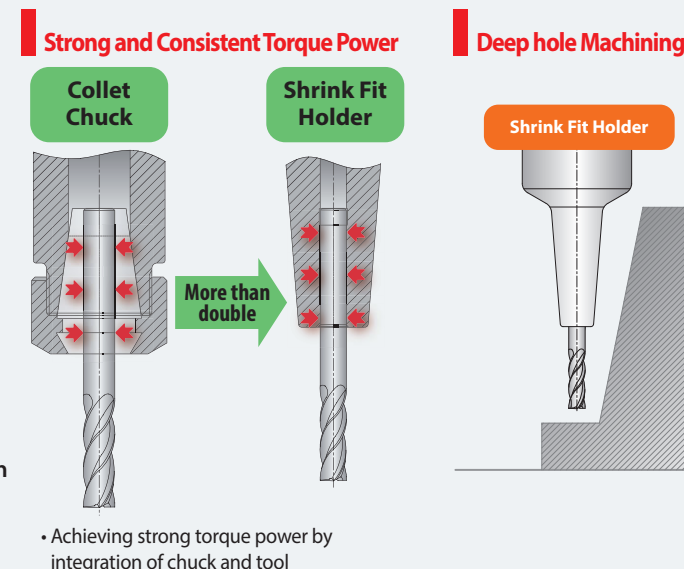
• Tool holder I.D tolerance : H6

SHRINK FIT HOLDER



- Superb T.I.R. Accuracy
≤ 0.003mm
- Strong Torque Power
Min. 18Nm ~ 550Nm

- Basic Balancing Grade
Min. G2.5/25,000rpm
- Standard and Slim Design
 - Standard 4.5°
 - Extra Slim 3.0°





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Note

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