



PRODUCT LINES



DRILLING TOOLS



Cutting tools for making holes in molds & die, machine tool, automobile and electronic industries.

YG-1 produces carbide Dream drills, HSS drills(S.S. drills & T.S. drills), Multi-1 drills, Indexable drills and Spade drills etc.

SOLID CARBIDE DRILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
DREAM DRILLS - GENERAL	CARBIDE	Metric: Ø1mm ~ Ø20mm Inch: Ø1/8 ~ Ø5/8	General Purpose (HRc30 to HRc50)	YG-1 special drill point: Good chip removal, high rigidity and excellent performance with high speed and feed for higher level productivity and very precise drilling.
DREAM DRILLS - HIGH FEED	CARBIDE	Metric: Ø5mm ~ Ø20mm Inch: Ø.1969 ~ Ø.7874	General Purpose (up to HRc30)	Dream Drills-High Feed offers 1.5 to 2 times higher feeding speed compared to conventional 2-flute drills. The unique flute design and exceptional surface finish promises an extraordinary chip evacuation.
DREAM DRILLS - FLAT BOTTOM	CARBIDE	Metric: Ø3mm ~ Ø20mm Inch: Ø.1811 ~ Ø.7874	Carbon Steels, Alloy Steels, Cast Iron, Aluminum	Excellent chip evacuation due to unique a flute design, and prolonged tool life due to excellent heat resistance of the coating.
DREAM DRILLS - SOFT	CARBIDE	Metric: Ø1mm ~ Ø20mm	General Purpose (up to HRc30)	Excellent chip evacuation due to good surface treatment. Achieves excellent surface finish of work materials and long tool life.
DREAM DRILLS - INOX	CARBIDE	Metric: Ø1mm ~ Ø20mm Inch: Ø1/8 ~ Ø5/8	Stainless Steels, Nickel Alloys and Titanium alloys up to HRc35	Excellent chip evacuation due to shiny surface finish, and can be preventive of built-up edge.
DREAM DRILLS - ALU	CARBIDE	Metric: Ø3mm ~ Ø20mm Inch: Ø13/64 ~ Ø1/2	Aluminum & Aluminum Alloys	Special Drill Point improves the quality of holes for Composite Materials -> Minimized burrs and delamination's at entry/exit holes. Outstanding performance.
DREAM DRILLS - CFRP	CARBIDE	Metric: Ø2.5mm ~ Ø12mm Inch: #40 ~ 3/4	CFRP (Carbon Fiber Reinforced Plastic)	180° cutting edge creates a minimal burr and eliminates the need to use end mills on various angled surfaces. Applicable for drilling applications such as angled surfaces on an entry/exit, curved surface and flat bottom hole.
DREAM DRILLS - MQL TYPE	CARBIDE	Metric: Ø3mm ~ Ø14mm	Carbon Steels & Alloy Steels	For Deep Hole Drilling (10 xD ~ 30 xD) Special flute design and surface treatment for excellent chip evacuation.
DREAM DRILLS - HIGH HARDENED STEEL	CARBIDE	Metric: Ø3mm ~ Ø12mm Inch: Ø1/8 ~ Ø3/4	High Hardened Steels HRc50 to HRc70	Excellent chip evacuation and finish surface of work materials. Extremely shorten work time and production cost than EDM machines.
GENERAL CARBIDE DRILLS	CARBIDE	Metric: Ø1mm ~ Ø13mm Inch: #56 ~ Ø1/2	General Purpose	Longer tool life, suitable for drilling soft, thin and general work materials.
NC-SPOTTING DRILLS	CARBIDE	Metric: Ø3mm ~ Ø20mm Inch: Ø1/8 ~ Ø1"	General Purpose	90°, 120° and 142° point available. For centering and chamfering.
CENTER DRILLS	CARBIDE	Metric: Ø0.5mm ~ Ø10mm Inch: Ø3/64 ~ Ø7/32	General Purpose	For making internal centers of work material. Excellent performance under general working conditions.

CARBIDE INSERT DRILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
i-ONE DRILLS	CARBIDE	Metric: Ø10mm ~ Ø33.99mm Inch: Ø.3937 ~ Ø1.3382	Most Steels, Cast Iron	Micro Grain Carbide Inserts and Premium Tool Steel Holders. Secure and quick clamping system. High performance with cost efficiency. Good chip removal, high rigidity, excellent performance with high speed and feed for a higher level productivity and also precise drilling. Inserts: Multi-layered coating delivers outstanding productivity and reliability. Holders: Innovative surface treatment that improves wear resistance and reduces corrosion. High performance flute design allowing maximum chip evacuation and minimum interference. Secure and accurate seating resulting an accurate repeatability and concentricity.
i-DREAM DRILLS GENERAL i-DREAM DRILLS INOX	CARBIDE	Metric: Ø12mm ~ Ø31.75mm Inch: Ø.4724 ~ Ø1.2500 Metric: Ø12mm ~ Ø31.75mm Inch: Ø.4724 ~ Ø1.2500	Most Steels, Cast Iron Tough & Ductile Materials, Stainless Steels	Inserts: Excellent chip removal, high rigidity and excellent performance with high speed and feed for higher productivity and very precise drilling. Holders: Innovative surface treatment that improves wear resistance and reduces corrosion. High performance flute design allowing maximum chip evacuation and minimum interference. Secure and accurate seating resulting an accurate repeatability and concentricity.
YG DRILL	CARBIDE	Metric: 2 types Inch: 2 types (SPMX, WCMX...)	Multi-Purpose	Inserts: Handles multi-purpose applications and extremely efficient in covering materials as Steels, Stainless Steels and Cast Iron. Holders: Innovative surface treatment that improves wear resistance and reduces corrosion. High performance flute design allowing maximum chip evacuation and minimum interference. Secure and accurate seating resulting an accurate repeatability and concentricity.

DRILLING TOOLS



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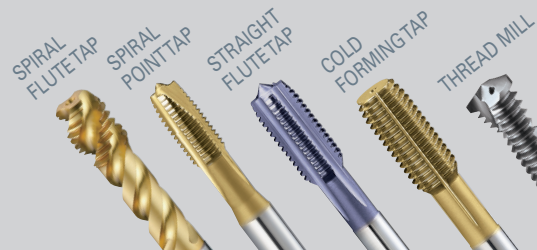
HSS DRILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
MULTI-1 DRILLS	HSS-PM	Metric: Ø1mm ~ Ø13mm Inch: #45 ~ Ø1/2	Multi-Purpose	Special Point Geometry for High Performance.
HPD DRILLS	HSSCo HSS-EX	Metric: Ø2mm ~ Ø32mm	General Steels, Stainless Steels	High precise drilling.
GOLD-P DRILLS	HSS HSS-E HSSCo8	Metric: Ø1mm ~ Ø13mm Inch: #56 ~ Ø1/2	Steels, Cast Steels Alloyed and Non-Alloyed Steels, Grey Cast Iron	Competitive price but holds the same performance as full TiN coated drills. Covers various standards of DIN, ANSI and JIS.
SUPER-GP DRILLS	SUPER HSS	Metric: Ø2mm ~ Ø13mm	Steels, Alloy Steels, Cast Iron, Malleable Cast Iron	All applications regardless of machining conditions: Good or Poor
WORM PATTERN DRILLS (PARABOLIC FLUTE)	HSS-E	Metric: Ø2mm ~ Ø31mm Inch: Ø5/64 ~ Ø1/2	General Steels	Designed for drilling deep holes, and particularly suitable for drilling deep holes without chip pecking cycle.
STRAIGHT SHANK DRILLS	HSS HSS-E HSSCo8	Metric: Ø0.3mm ~ Ø31mm Inch: #60 ~ Ø1/2	General Purpose (Soft & Tough Materials)	For a variety of working conditions, excellent performance.
TAPER SHANK DRILLS	HSS HSS-E HSSCo8	Metric: Ø5mm ~ Ø60mm Inch: Ø1/2 ~ Ø2-1/2	General Purpose	Enables stable work with excellent gripping power for drilling large diameters.
NC-SPOTTING DRILLS	HSS HSSCo8	Metric: Ø3mm ~ Ø20mm Inch: Ø1/8 ~ Ø1"	General Purpose	90°, 120° and 142° point available. For centering and chamfering.
CENTER DRILLS	HSS HSS-EX	Metric: Ø0.5mm ~ Ø10mm Inch: Ø 3/64 ~ Ø7/32	General Purpose	For making internal centers of work materials. Excellent performance under general working conditions.

SPADE DRILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
SPADE DRILLS	CARBIDE HSS-PM	Metric: Ø9.5mm ~ Ø114.3mm Inch: Ø.3740 ~ Ø4.5000	General Purpose	Interchangeable spade drill inserts for drilling a range of 9.5mm to 114.3mm.

THREADING TOOLS



Cutting tools for processing precise threads mainly for automobile and electronic industries.
High end products are gradually expanded through continuous development such as Combo taps, Synchro taps, Thread mills and Cold forming taps (fluteless taps) etc.

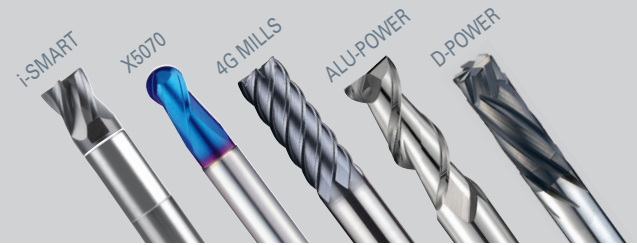
SOLID CARBIDE THREADING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
CARBIDE THREAD MILLS	CARBIDE	Metric: M1.6 ~ M20 Inch: #1 ~ 3/4	Most of Materials	For tapping blind holes and also through holes with only one tool. Higher cutting speed and feed than taps.
CARBIDE TAPS	CARBIDE	Metric: M2 ~ M20	Cast Iron, High Silicon Aluminum	For tapping through or blind holes, with longer tool life and higher precision than HSS taps.

HSS THREADING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
PRIME TAPS (SPIRAL FLUTED, SPIRAL POINTED)	HSS-PM	Metric: M2 ~ M30	Carbon Steels, Alloy Steels	Excellent tapping performance on various work materials. Specially designed to prevent oversize threads and to reduce gauging problems. All Prime taps are made of HSS-PM (Powder Metallurgy).
SYNCHRO TAPS (SPIRAL FLUTED, SPIRAL POINTED, STRAIGHT FLUTED, COLD FORMING)	HSS-PM	Metric: M3 ~ M20	Carbon Steels, Alloy Steels, Aluminum, Cast Iron, Stainless Steels	TiN, TiCN coated HSS-PM taps, for high speed tapping on rigid CNC machine. Shorter thread length will reduce chip trouble at higher speed tapping conditions. Up to 3 times faster compare to conventional taps on General Steel.
COMBO TAPS (SPIRAL FLUTED, SPIRAL POINTED)	HSS-E HSS-EX HSS-PM	Metric: M2 ~ M30 Inch: #4 ~ 1"	Multi-Purpose, Stainless Steels	Specially designed to prevent oversize threads and to reduce gauging problems. Effective on a very wide range of work materials.
SPIRAL FLUTED TAPS	HSS-E HSS-EX HSS-PM	Metric: M2 ~ M30 Inch: #2 ~ 1-1/2	Carbon Steels, Aluminum, Cast Iron, Alloy Steels	Suitable for tapping blind holes. Best performance on tapping work materials that produce flow type chips.
SPIRAL POINTED TAPS (GUN POINTED TAPS)	HSS-E HSS-EX HSS-PM	Metric: M2 ~ M30 Inch: #2 ~ 1-1/2	Carbon Steels, Alloy Steels, Aluminum, Cast Iron, Stainless Steels	Suitable for tapping through holes. Best performance in tapping thin work materials.
STRAIGHT FLUTED TAPS	HSS-E	Metric: M2 ~ M30 Inch: #4 ~ 1"	Cast Iron, Mild Steels, Brass	Suitable for tapping through or blind holes.
FORMING TAPS (FLUTELESS TAPS, ROLL TAPS)	HSS-E HSS-EX HSS-PM	Metric: M1 ~ M30 Inch: #0000 ~ 1/2	Cast Aluminum, Brass, Copper, Aluminum, Steels up to 700N/mm ³	Stronger than cut taps. Applied on materials that have enough ductility to produce threads.
NUT TAPS	HSS-E	Metric: M4 ~ M30	General Purpose	Taps for the high production of nuts.
SCREW INSERT THREAD TAPS	HSS HSS-E HSS-EX	Metric: M2.5 ~ M20 Inch: #4 ~ 3/4	Aluminum, Aluminum Alloys	Tapping STI Threads for soft materials.
HAND TAPS	HSS HSS-E	Metric: M2 ~ M52 Inch: #2 ~ 1"	General Purpose	Two or three-piece tap set. Two-piece tap set, consisting of taper (rough) and bottoming (finish) tap. Three-piece tap set, consisting of taper (rough), plug (intermediate) and bottoming (finish) tap.
PIPE TAPS	HSS HSS-E HSS-EX	Inch: 1/8 ~ 2"	Carbon Steels, Cast Iron, Cu & Al Alloys	For tapping taper or straight pipe threads.

MILLING TOOLS

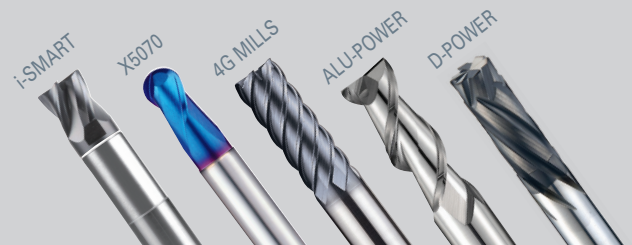


Cutting tools for machining mold & die. Typically in high precision used for automobile, electronic, aerospace and medical industries. Representative products are X5070 carbide end mills, 4G carbide end mills, V7 PLUS(A) carbide end mills, TitaNox-Power carbide end mills, Only One Coated PM60 end mills etc.

SOLID CARBIDE MILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
X5070 END MILLS	CARBIDE (nano grain size)	Metric: Ø0.1mm ~ Ø25mm Inch: Ø1/32 ~ Ø1"	High Hardened Steels (HRc45 to HRc70)	Suitable for dry cutting and high speed cutting.
4G MILLS	CARBIDE HSS-PM	Metric: Ø0.1mm ~ Ø25mm Inch: Ø.004 ~ Ø1"	Pre-Hardened Steels, General Steels up to HRc55, Cast Iron	Suitable for a wide range of work materials, specifically for increasing tool life on machining the pre-hardened materials, low hardness materials and Cast Iron etc. High Speed Cutting (HSC), dry and wet cut are both recommended. Optimal roughing tooth profile to reduce cutting force.
X-POWER END MILLS	CARBIDE	Metric: Ø0.4mm ~ Ø25mm Inch: Ø1/32 ~ Ø1"	Medium Steels to High Hardened Steels up to HRc65	High performance in high speed cutting or dry cutting (For cutting materials up to HRc65).
TitaNox-POWER END MILLS	CARBIDE	Metric: Ø6mm ~ Ø25mm Inch: Ø1/8 ~ Ø1"	Titanium, Stainless Steels, Inconel	Excellent tools for Aerospace Industries, Energy & Power generations. Roughing and Semi finishing for universal use, also for finishing difficult-to-machine materials.
JET-POWER END MILLS	CARBIDE HSS-PM	Metric: Ø1mm ~ Ø25mm Inch: Ø1/8 ~ Ø1-1/2	Stainless Steels, Titanium, Steels up to HRc45	High performance on cutting difficult-to-cut materials, and also good surface finish on working surface.
V7 PLUS (A) END MILLS	CARBIDE	Metric: Ø3mm ~ Ø25mm Inch: Ø1/8 ~ Ø1"	Hardened Steels up to HRc40, Cast Iron, Stainless Steels	Special geometry reducing vibration and noise. Smooth finish at high speed and deep cut, also reduced chatter and harmonics for improved stability and better finishing.
V7 INOX END MILLS	CARBIDE	Metric: Ø3mm ~ Ø25mm Inch: Ø1/8 ~ Ø1"	Stainless Steels, Low Hardness Materials	Special geometry reducing vibration and noise with smooth finish at high speed and deep cut. Excellent performance when cutting Stainless Steels and difficult-to-cut materials using V7 Mill-Inox.
ALU-POWER END MILLS	CARBIDE HSS-PM	Metric: Ø2mm ~ Ø32mm Inch: Ø1/16 ~ Ø1"	Aluminum, Non-ferrous Materials	Excellent surface finish, superior chip removal. Specially designed geometry with high rigidity cutting edge. Mirror face, excellent surface finish.
D-POWER END MILLS (DIAMOND COATED)	CARBIDE	Metric: Ø0.2mm ~ Ø12mm Inch: Ø1/64 ~ Ø1/2	Graphite, Non-ferrous Materials	Higher hardness and superior wear-resistance extremely increasing the tool life.
ROUTERS (DIAMOND COATED)	CARBIDE	Metric: Ø3mm ~ Ø12mm Inch: Ø1/4 ~ Ø1/2	CFRP, GFRP	Diamond coated for excellent abrasion resistance when machining Composite materials, CFRP and GFRP. Reduces delamination and burrs.
CRX S END MILLS (DLC COATED)	CARBIDE	Metric: Ø0.5mm ~ Ø12mm	Copper Alloys	For machining Copper & Copper Alloys. Extremely hard material coated on carbide tools. Needs high cutting velocity (about 2-3 times more than uncoated carbide's velocity) for optimum tool life and the best finish. Excellent finish due to high velocity.
K-1 END MILLS	CARBIDE	Metric: Ø1mm ~ Ø12mm	Carbon Steels, Alloy Steels, Pre-hardened Steels up to HRc55	Improved wear resistance due to YG-1 tailored coating. Excellent surface finish on work material. High stable corner edge and exceptional performance at a competitive price.
K-2 END MILLS	CARBIDE	Metric: Ø0.4mm ~ Ø25mm	General Purpose	For general milling operations such as slotting, side cutting and machining die cavity. Suitable for most materials.
GENERAL CARBIDE END MILLS	CARBIDE	Metric: Ø0.4mm ~ Ø25mm Inch: Ø1/32 ~ Ø1"	General Purpose	Slotting, side cutting and profiling. Non-coating, and any other coatings available too.

MILLING TOOLS



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CBN MILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
CBN END MILLS (CUBIC BORON NITRIDE)	CBN	Metric: Ø0.4mm ~ Ø3mm	High Hardened Steels up to HRC70	Mirror finish, tight radius tolerance(±0.005mm), high accuracy and long tool life.

PCD MILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
PCD END MILLS (POLY CRYSTALLINE DIAMOND)	PCD	Metric: Ø0.98mm ~ Ø40mm	Non-ferrous Materials (Aluminum), Non-Metallic Materials (CFRP)	High productivity due to excellent wear resistance.

CARBIDE INSERT MILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
i-Xmill	CARBIDE	Metric: Ø8mm ~ Ø32mm	General Purpose, Pre-Hardened Steels, High Hardened Steels, Stainless Steels, Graphite	Five types of inserts are available. : For General Steels, Pre-Hardened Steels, High Hardened Steels up to HRC65, Stainless Steels and Graphite. Special geometry and coating for excellent performance.
i-SMART Modular Type	CARBIDE	Metric: Ø10mm ~ Ø32mm Inch: Ø3/8 ~ Ø1-1/4	Pre-Hardened Steels, General Steels up to HRC55, Cast Iron	The most cost reducing solution with various compatibility. Efficient when changing tools, compared to conventional solid end mills. Longer tool life based on YG-1's advanced coating technology.
YG MILL PRO 290+ SERIES	CARBIDE	Insert) ADKT 14, 20 Cutter) Metric: Ø16mm ~ Ø125mm Inch: Ø.625 ~ Ø5"	Steels, Stainless Steels, Cast Iron, Aluminum	Inserts: Multi-purpose application and extremely efficient in covering materials including Steels, Stainless Steels, Cast Iron and Aluminum. Cutters: Excellent Chip evacuation, smooth cutting, reduced cutting forces and longer tool life - achieved with a positive rake angle. Also a unique design of inserts and cutters achieves a fine surface finish and prevents miss-match.
YG MILL	CARBIDE	Metric: 29 type Inch: 29 type (APKT, RDKT...)	Multi-Purpose	Inserts: Multi-purpose application and extremely efficient in covering materials including Steels, Stainless Steels and Cast Iron. Cutters: Innovative surface treatment that improves wear resistance and reduces corrosion. Secure and accurate seating result in an accurate repeatability and concentricity.

HSS MILLING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
ONLY ONE END MILLS (COATED PM60)	PM60	Metric: Ø1mm ~ Ø25mm Inch: Ø1/8 ~ Ø1"	Stainless Steels, Nickel Alloys, Alloy Steels	The ONLY ONE performs better without causing chipping than normal coated carbide end mills under the same carbide cutting conditions.
TANK-POWER END MILLS	HSS-PM	Metric: Ø1mm ~ Ø40mm Inch: Ø1/8 ~ Ø2"	Stainless Steels, Nickel Alloys, Alloy Steels	YG-1 HSS-PM end mills hold a long tool life and better performance due to increased tool toughness and red hardness compared to normal HSS tools.
GENERAL HSS END MILLS	HSS-E HSSCo8 HSS-PM	Metric: Ø1mm ~ Ø50mm Inch: Ø1/32 ~ Ø2"	General Purpose	Slotting, side cutting and profiling etc. Non-coated or any other coatings available.
MILLING CUTTERS	HSS-E HSSCo8	Metric: Ø8mm ~ Ø200mm	General Purpose	Various tools available for milling applications.

OTHER TOOLS



Cutting tools for various metal working. YG-1 offers special products such as carbide Rotary Burrs, Counter Bores and Reamers etc. Customers can easily find unique products to meet full satisfaction.

CARBIDE INSERT TURNING TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
YG Turn	CARBIDE	Metric: 28 type Inch: 28 type (CNMG, DNMG...)	Multi-Purpose	Inserts: Multi-purpose applications with extremely efficient in covering materials including Steels, Stainless Steels and Cast Iron.

OTHER TOOLS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
REAMERS	CARBIDE HSS HSS-E	Metric: Ø2mm ~ Ø60mm	General Purpose	For reaming holes after drilling.
COUNTERSINKS	HSS HSSCo8	Metric: Ø4.3mm ~ Ø50mm	General Purpose	For deburring, chamfering and countersinking.
COUNTERBORES	HSS-E	Metric: Ø2.5mm ~ Ø14mm	General Purpose (Carbon Steels & Alloy Steels)	Counterbores with solid pilot are designed for machining screw head seats such as fillister screw caps, socket head screw caps or ejector caps in molds.
ROTARY BURRS	CARBIDE	Metric: Ø1.5mm ~ Ø25mm	General Steels and Non-ferrous Metals	For removing sharp corners, burrs and fins etc. Form A, B, C, D, E, F, G, H, J, K, L, M, and N with YG-1 unique design technology, excellent performance.
GROUND BARS	CARBIDE	Metric: Ø3mm ~ Ø20mm		330mm length, h6 Diameter Tolerance, + 6mm (Length Tolerance).

TOOL HOLDERS

ITEM	TOOL MATERIAL	SIZE	WORK MATERIAL	CHARACTERISTIC
HYDRAULIC CHUCKS	DIN 6987 (SK) DIN 69893 (HSK) DIN 2080 (ISO) DIN 228 (MT) JIS B6339 (BT) ASME B5.50 (CAT) BT/CAT Dual Contact	Metric: Ø6mm ~ Ø32mm Inch: Ø1/4 ~ Ø1-1/4	Fine finishing for Electronic, Mold, Automobile & Aerospace products	Suitable for higher precision machining. Easy to clamp tool. Vibration damping.
SHRINK FIT HOLDERS		Metric: Ø3mm ~ Ø25mm Inch: Ø1/8 ~ Ø1-1/4		Strong clamping power. To use carbide tool. Need heating & cooling equipment.
ER COLLET CHUCKS		Metric: Ø0.5mm ~ Ø30mm Inch: Ø1/16 ~ Ø1"	Heavy cutting and rough/fine finishing for Machinery, Electronic & Automobile products	To cover wide range of machining. To use various size of tool by use of collet.
END MILL HOLDERS & SIDE LOCK ARBORS		Metric: Ø6mm ~ Ø50mm Inch: Ø1/8 ~ Ø2"	Heavy cutting and rough finishing for Machinery, Mold & Automobile products	Suitable rough finishing. Need to select proper tool by tool shank type.
SHELL MILL ARBORS & COMBI SHELL MILL ARBORS		Metric: Ø16mm ~ Ø50mm Inch: Ø1/2 ~ Ø2" (cutter inner Dia.)	Heavy cutting and rough finishing for Mold and side cutting	To use with milling cutter.
MILLING CHUCKS		Metric: Ø20mm ~ Ø42mm Inch: Ø3/4 ~ Ø1-1/4	Heavy cutting and rough finishing for Machinery, Mold & Automobile products	To cover wide range of machining. To use various size of tool by use of collet.
MORSE TAPER ARBORS		MT 1/2/3/4	Hole making for Machinery, Mold and Automobile products	Two kinds of type, MTA and MTB.
SK SLIM CHUCKS		Metric: Ø2mm ~ Ø25mm Inch: Ø.036 ~ Ø1"	Rough/Fine finishing for Machinery, Electronic & Automobile products	High precision collet chuck.
SYNCHRO TAPPING CHUCKS		Metric: Ø3mm ~ Ø25mm Inch: Ø1/8 ~ Ø1"	Tapping for Electronic, Machinery, Automobile & Aerospace products	High precision tapping by minimizing synchronous error by axial compensation.
TAPPING ER CHUCKS		Metric: Ø3mm ~ Ø19mm Inch: Ø1/8 ~ Ø1"		To use same collet for ER collet chuck and have tension and compression function.
TAPPING CHUCKS		Metric: Ø4mm ~ Ø25mm Inch: #0-80UNF ~ 1-3/8		Only for tapping with tension and compressing function.
FACE MILL ARBORS		Metric: Ø25.4mm ~ Ø50.8mm Inch: Ø1" ~ Ø2"	Rough finishing for machinery products	To use with face milling cutter.
NC DRILL CHUCKS		Metric: Ø0.3mm ~ Ø13mm Inch: NPU8 Ø1/64 ~ Ø5/16 NPU13 Ø.04 ~ Ø1/2	Drilling for Machinery and Electronic products	Key-less NPU drill chuck.
BORING SYSTEM			Boring for Automobile, Aerospace and Ship-building products	Modular construction. To use ISO standard insert.

SPECIAL TOOLS

STEP DRILLS (HSS & CARBIDE, MULTI-DIAMETER DRILLS)

HSS SUB-LAND (STEP) DRILLS

CARBIDE BURNISHING DRILLS

HSS DRILL TAPS

ACME THREAD TAPS & TRAPEZOIDAL THREAD TAPS

CARBIDE STEP REAMERS

AIRCRAFT DRILLS

BROACHES

BRAZING TOOLS

WHEELS

HIGH QUALITY PRODUCTS AND ON TIME DELIVERY FOR WORLD-WIDE CUSTOMERS

Since 1982, our commitment to quality, reliability and striving for constant innovation has allowed us to expand our market share and our partners' global network. As one of the main leading tool manufacturers, we are dedicated in offering a unique customer experience by delivering high quality cutting tool solutions around the world. In order to be responsive and to offer local solutions, YG-1 has established a global network over 75 countries and has set up international logistic centers. This is our pledge to provide the best service in order to satisfy our customers' needs at all time.

GLOBAL COMPANY



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