

SINCE 1999

SINCE 1999

专注 · 务实 · 高效 · 包容

Focus · Pragmatic · Efficiency · Inclusiveness



Technology improves the quality of Cortool

大连托福科技发展有限公司

CORTOOL MANUFACTURING GROUP

Email 邮箱 : denny.zhao@cortool.cn

Website 网址 : www.cortool.cn

地址: 辽宁省大连市西岗区胜利路100号9-7

Address: 9-7 Huaihua Mansion No.100 Victory Road, Dalian, China

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TCT AND PCD SAW BLADE

Industrial Production Tools
WOOD WORKING

Company Profile



Founded in 1999, CORTOOL Group has won the long-term trust and support of customers worldwide over 27 years of development. It has grown into a leading enterprise capable of providing high-quality products and services in the fields of abrasive materials, automotive grinding & polishing products, metal cutting tools, stone & construction engineering tools, woodworking & furniture manufacturing, woodworking tools, etc.

Our products are exported to Europe, America and many other regions. Backed by reliable quality assurance, the company has obtained.

It is widely recognized in the industry and renowned for its extremely high reputation and excellent service.

For a long time, CORTOOL has always adhered to a corporate culture of focus, pragmatism, efficiency and inclusiveness, and is dedicated to providing services to its partners.

Let's work together to create a bright future!



AEO CERTIFICATE

AEO CODE : AEOCN2102960445



CORTOOL MANUFACTURING GROUP

If you are interest in the other products, please refer to our general catalog or contact us.

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CIRCULAR SAW BLADE



PCD TIPPED LAMINATE SAW BLADE (LEFT & RIGHT)

APPLICATIONS

Suitable for cross-cutting and ripping of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Precision sliding table saw, simple table saw, cross-cut saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision, long service life.
Precision cutting, no chipping, no edge breakage.
Noise reduction and vibration-absorbing design, personalized customization for different materials.



Out Dia.	Bore	No. of teeth
300mm (12")	30mm (1-5/32")	46 Left
300mm (12")	30mm (1-5/32")	46 Right

Note: Customized spec. and size available upon client's request.



PCD TIPPED LAMINATE SAW BLADE (LEFT & RIGHT)

APPLICATIONS

Suitable for cross-cutting and ripping of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Precision sliding table saw, simple table saw, cross-cut saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision, long service life.
Precision cutting, no chipping, no edge breakage.
Noise reduction and vibration-absorbing design, personalized customization for different materials.

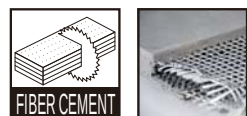


Out Dia.	Bore	No. of teeth
300mm (12")	80mm (1-5/32")	64 Left
300mm (12")	80mm (3-5/32")	64 Right

Note: Customized spec. and size available upon client's request.



PCD TIP HARDIE FIBER CEMENT CIRCULAR SAW BLADE



APPLICATIONS

Fits for Various Cutting Materials and Applications
Suitable for cutting fiber cement and super hard materials: hardie plank, eternit, MDF etc.

COMPATIBLE POWER TOOLS

Precision sliding table saw, simple table saw, cross-cut saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision, long service life.

Out Dia.	Bore	No. of teeth
115mm (4-1/2")	10mm (3/8")	4
165mm (6-1/2")	16.00mm (5/8")	4
184mm (7-1/4")	16.00mm (5/8")	4
184mm (7-1/4")	16.00mm (5/8")	5
254mm (10")	16.00mm (5/8")	6
254mm (10")	16.00mm (5/8")	12

Note: Customized spec. and size available upon client's request.

PCD TIP HARDIE FIBER CEMENT CIRCULAR SAW BLADE



APPLICATIONS

Suitable for PCB new generation construction boards, artificial boards, cross-cutting and ripping of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Precision sliding table saw, simple table saw, cross-cut saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision, long service life.
Precision cutting, no chipping, no edge breakage.
Noise reduction and vibration-absorbing design, personalized customization for different materials.

Out Dia.	Bore	No. of teeth
305mm (12")	30mm (1-5/32")	96

Note: Customized spec. and size available upon client's request.

INDUSTRIAL WOOD WORKING TCT SAW BLADE

APPLICATIONS

Suitable for cross-cutting of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Precision sliding table saw, simple table saw, cutting machine.

PRODUCT FEATURES

Low noise, sharp saw blade, smooth cutting surface, good effect, higher precision.

Out Dia.	No. of teeth	Out Dia.	No. of teeth
115mm (4-1/2")	18/24/36	200mm (8")	24/40/60
136mm (5-3/8")	18/24/36	210mm (8-1/4")	24/40/60
140mm (5-1/2")	18/24/36	215mm (8-1/2")	24/40/60
150mm (6")	18/24/40	254mm (10")	32/40/60/80
165mm (6-1/2")	18/24/40	305mm (12")	80/100/120
184mm (7-1/4")	24/40/60	350mm (14")	80/100/120

Note: Customized spec. and size available upon client's request.



TCT PRECISION PANEL SAW BLADE

APPLICATIONS

Suitable for cutting of veneered particleboard, medium density fiberboard, and plywood below 35mm.

COMPATIBLE POWER TOOLS

Sliding table saw, reciprocating saw.

PRODUCT FEATURES

Low noise, sharp and efficient cutting, wear-resistant and durable, fast heat dissipation.

Out Dia.	Bore	No. of teeth
300mm (12")	30mm (30mm)	96

Note: Customized spec. and size available upon client's request.



PROFESSIONAL SINGLE / DOUBLE ROW TCT SAW BLADE



APPLICATIONS

Suitable for cutting of plywood, particleboard, MDF and other ecological boards.

COMPATIBLE POWER TOOLS

Electronic panel saw, sliding table saw, reciprocating saw.

PRODUCT FEATURES

High hardness, sharp and durable, more flexible depth adjustment for marking, explosion-proof edge.

Out Dia.	Bore	No. of teeth
120mm (4-3/4")	20mm (25/32")	12+12 (Double)
120mm (4-3/4")	20mm (25/32")	24 (Single)

Note: Customized spec. and size available upon client's request.

TCT RECIPROCATING SAW BLADE



APPLICATIONS

Suitable for cross-cutting, ripping and cutting of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Electronic panel saw, sliding table saw, reciprocating saw.

PRODUCT FEATURES

Low noise, high hardness, sharp and efficient cutting, long service life.

Out Dia.	Bore	No. of teeth
350mm (14")	30mm (1-5/32")	72
350mm (14")	30mm (1-5/32")	84

Note: Customized spec. and size available upon client's request.

TEFLON COATING TCT SAW BLADE

APPLICATIONS

Suitable for cross-cutting of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Rust-proof, non-stick chips, low noise, sharp saw blade, high cutting precision.

Out Dia.	No. of teeth	Out Dia.	No. of teeth
115mm (4-1/2")	18/24/36	200mm (8")	24/40/60
136mm (5-3/8")	18/24/36	215mm (8-1/2")	24/40/48/60
140mm (5-1/2")	18/24/36	210mm (8-1/4")	24/40/60
150mm (6")	18/24/40	254mm (10")	32/40/60/80
160mm (6-1/4")	18/24/40	305mm (12")	80/100/120
165mm (6-1/2")	24/40/48/60	350mm (14")	80/100/120
184mm (7-1/4")	24/40/60		

Note: Customized spec. and size available upon client's request.



WOOD WORKING TCT SAW BLADE (METRIC SIZE)

APPLICATIONS

Suitable for cross-cutting of all kinds of softwood and hardwood.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision.

Out Dia.	Bore	No. of teeth
165mm (6-1/2")	16.00mm (5/8")	24
184mm (7-1/4")	20mm (5/32")	24
254mm (10")	16.00mm (5/8")	40
305mm (12")	25.4mm (1")	80

Note: Customized spec. and size available upon client's request.



TCT MULTI FUNCTION SAW BLADE



APPLICATIONS

Suitable for cross-cutting of all kinds of softwood and hardwood, and cutting of 1-2mm iron and aluminum.

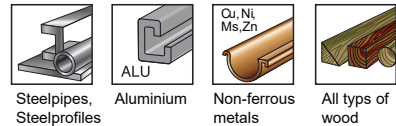
COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Widely applicable, easy to use, flat cutting surface.

Out Dia.	Bore	No. of teeth
190mm (7-1/2")	30mm (1-5/32")	38



Note: Customized spec. and size available upon client's request.

TCT SAW BLADE FOR ALUMINIUM WORKING



APPLICATIONS

Suitable for cutting of various aluminum alloy profiles, such as thermal break aluminum alloy door and window profiles, aluminum alloy cold-drawn profiles, etc.

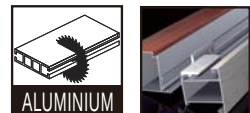
COMPATIBLE POWER TOOLS

Aluminum saw machine, single-head saw, table saw machine.

PRODUCT FEATURES

High hardness, sharp and durable, smooth cutting surface, good effect, no burrs.

Out Dia.	Bore	No. of teeth
254mm (10")	16.00mm (5/8")	100



Note: Customized spec. and size available upon client's request.

CIRCULAR SAW BLADE

APPLICATIONS

Suitable for cross-cutting of all kinds of softwood, plastic, copper and more soft material.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision.

Out Dia.	Bore	No. of teeth
184mm (7-1/4")	16.00mm (5/8")	140

Note: Customized spec. and size available upon client's request.



CIRCULAR SAW BLADE

APPLICATIONS

Suitable for cross-cutting of all kinds of softwood, plastic, copper and more soft material.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Low noise, sharp saw blade, high cutting precision.

Out Dia.	Bore	No. of teeth
254mm (10")	16.00mm (5/8")	180

Note: Customized spec. and size available upon client's request.



LIGHTWEIGHT WOOD WORKING TCT SAW BLADE For Lithium-ion Batteries

NEW
PRODUCT



APPLICATIONS

Suitable for precision cutting of materials such as wood, nailed wood, laminated wood, MDF, OSB, plywood, gypsum particle board, fiberboard, and particle straight wave board.

COMPATIBLE POWER TOOLS

For Lithium-ion Batteries. Light Weight and power saving more than 50%.

PRODUCT FEATURES

Teflon Coating to reduce cutting resistance.
Long and durable life.

Out Dia.	Bore	No. of teeth
125mm (5")	22.2mm (7/8")	24
140mm (5-1/2")	22.2mm (7/8")	24
150mm (6")	22.2mm (7/8")	24
165mm (6-1/2")	22.2mm (7/8")	24
184mm (7-1/4")	22.2mm (7/8")	24

Note: Customized spec. and size available upon client's request.



INDUSTRIAL WOOD WORKING TCT SAW BLADE TEFLON COATING

NEW
PRODUCT



APPLICATIONS

Suitable for precision cutting of materials such as wood, nailed wood, laminated wood, MDF, OSB, plywood, gypsum particle board, fiberboard, and particle straight wave board.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Developed and supplied specifically for cordless power tools.

Out Dia.	Bore	No. of teeth
115mm (4-1/2")	20.00mm (25/32")	25/40
165mm (6-1/2")	16.00mm (5/8")	25/40/50
184mm (7-1/4")	16.00mm (5/8")	25/40/45/50/60
254mm (10")	16.00mm (5/8")	40/50/60/80
305mm (12")	16.00mm (5/8")	60/80/100

Note: Customized spec. and size available upon client's request.



INDUSTRIAL WOOD WORKING TCT SAW BLADE

APPLICATIONS

Suitable for precision cutting of materials such as wood, nailed wood, laminated wood, MDF, OSB, plywood, gypsum particle board, fiberboard, and particle straight wave board.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Developed and supplied specifically for cordless power tools.

Out Dia.	Bore	No. of teeth
115mm (4-1/2")	20mm (25/32")	25/40
165mm (6-1/2")	16.00mm (5/8")	25/40/50
184mm (7-1/4")	16.00mm (5/8")	25/40/45/50/60
254mm (10")	16.00mm (5/8")	40/50/60/80
305mm (12")	16.00mm (5/8")	60/80/100

Note: Customized spec. and size available upon client's request.

NEW
PRODUCT



WOOD WORKING TCT SAW BLADE

APPLICATIONS

Suitable for precision cutting of materials such as wood, nailed wood, laminated wood, MDF, OSB, plywood, gypsum particle board, fiberboard, and particle straight wave board.

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, electric circular saw.

PRODUCT FEATURES

Developed and supplied specifically for cordless power tools.

Out Dia.	Bore	No. of teeth
115mm (4-1/2")	20.00mm (25/32")	25/40
165mm (6-1/2")	16.00mm (5/8")	25/40/50
184mm (7-1/4")	16.00mm (5/8")	25/40/45/50/60
254mm (10")	16.00mm (5/8")	40/50/60/80
305mm (12")	16.00mm (5/8")	60/80/100

Note: Customized spec. and size available upon client's request.

NEW
PRODUCT



INDUSTRIAL SPECIAL 30° TEETH FAST CUTTING SAW BLADE



APPLICATIONS

Hard wood, Laminated wood, composite board.

COMPATIBLE POWER TOOLS

COMPATIBLE POWER TOOLS.
For lithium-ion Batteries.

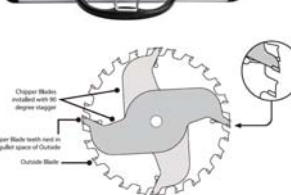
PRODUCT FEATURES

Teflon Coating to reduce cutting resistance.
Long and durable life.

Out Dia.	Bore	No. of teeth
125mm (5")	20mm (25/32")	45
125mm (5")	22.2mm (7/8")	45

Note: Customized spec. and size available upon client's request.

STACKED DADO BLADE SET WITH CARBIDE TIPPED BLADES AND CHIPPERS



APPLICATIONS

Stacked Dados cut a smooth and precise groove either across or with the grain in all types of woods, plywood, and composite wood materials.

COMPATIBLE POWER TOOLS

Designed with a 5/8-inch bore, this dado blade set is compatible with most standard table saws, making it a versatile addition to your workshop.

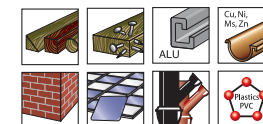
PRODUCT FEATURES

This set contains 2 outside cutting blades that have a tooth pattern of five beveled cutting teeth for a clean crisp cut followed by a straight raker tooth.
The five chipper blades combine with the two outer side-cutting blades to cut grooves from 1/4" through 7/8".

Parts	Description	Qty
1	Outside Blade 8"-24T	2
2	Chipper Blade 1/8"-2T	4
3	Chipper Blade 1/16"-2T	2
4	Stainless steel Blade shims	7

Note: Customized spec. and size available upon client's request.

DIAMOND VACUUM BRAZED DISC MULTI FUNCTION



APPLICATIONS

For cutting marble, ceramic, PVC pipe, spiral steel rod, wood with nail, plaster etc..

COMPATIBLE POWER TOOLS

Cutting machine, miter saw, angle grinder, electric circular saw.

PRODUCT FEATURES

Premium Vacuum brazing technology, brazing high quality diamond sand to the edge of the steel core, coated with abrasive materials on both sides, with high performance, durability and service life.

Out Dia.	Bore
100mm (4")	22.23mm (7/8")
115mm (4-1/2")	22.23mm (7/8")
125mm (5")	22.23mm (7/8")
180mm (7")	22.23mm (7/8")
230mm (9")	22.23mm (7/8")

Note: Customized spec. and size available upon client's request.

TUNGSTEN CARBIDE GRIT DISC MULTI FUNCTION

APPLICATIONS

Ideal for a wide range of materials, from nails and plastics to laminates, wall tiles, colored metals, PVC gypsum boards, sanding boards, and fiber materials.

COMPATIBLE POWER TOOLS

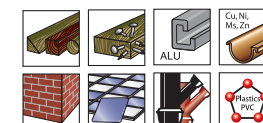
Cutting machine, miter saw, angle grinder, electric circular saw.

PRODUCT FEATURES

The saw blade adopts cutting line groove design to ensure cutting speed and avoid blade deformation. Meanwhile, the edge is designed with round holes to enhance the heat dissipation and dust removal effect. Ultra-thin Design.

Out Dia.	Bore
100mm (4")	22.23mm (7/8")
115mm (4-1/2")	22.23mm (7/8")
125mm (5")	22.23mm (7/8")

Note: Customized spec. and size available upon client's request.



CNC BORING DRILL (RIGHT & LEFT)



APPLICATIONS

Hardwoods, plywoods, and softwoods, MDP chipboard laminated board.

COMPATIBLE POWER TOOLS

Portable boring machines, automatic boring machines, CNC machining centers.

PRODUCT FEATURES

Dowel drill, blind hole drilling round shank with clamping surface and screw on bottom. Suitable for blind holes.

Diameter Size	Shank Diameter
3-15mm (1/8" ~ 5/8") right	10mm (3/8")
3-15mm (1/8" ~ 5/8") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.

BRAD POINT BORING DRILL (RIGHT & LEFT)



APPLICATIONS

MDF, plywoods, hardwoods, and softwoods.

COMPATIBLE POWER TOOLS

Portable boring machines, automatic boring machines, CNC machining centers.

PRODUCT FEATURES

Dowel drill, blind hole drilling round shank with clamping flat and screw, long life, high precision hole no burrs. Suitable for blind holes.

Diameter Size	Shank Diameter
5-15mm (3/16" ~ 5/8") right	10mm (3/8")
5-15mm (3/16" ~ 5/8") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.

HINGE BORING DRILL-CARBIDE TIP

APPLICATIONS

Plywoods, hardwoods, and softwoods.

COMPATIBLE POWER TOOLS

Hardware hinge machines, automatic boring machines, CNC machining centers and the other machine with adapters and chucks.

PRODUCT FEATURES

Dowel drill, blind hole drilling round shank with clamping flat and screw, long life, high precision hole no burrs. 3-Wing suitable for machine with faster speed.

Diameter Size	Shank Diameter
15-60mm (5/8" ~ 2-3/8") right	10mm (3/8")
15-60mm (5/8" ~ 2-3/8") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.



HINGE BORING DRILL-CARBIDE TIP-SPIRAL FLUTE

APPLICATIONS

MDP chipboard laminated board, plywoods, hardwoods, and softwoods.

COMPATIBLE POWER TOOLS

Portable boring machines, automatic boring machines, CNC machining centers and the other machine with adapters and chucks.

PRODUCT FEATURES

Dowel drill, blind hole drilling round shank with clamping flat and screw, long life, high precision hole no burrs. 3-flute carbide tip with chipbreaker for high rotary speed machine.

Diameter Size	Shank Diameter
35mm (1-3/8") right	10mm (3/8")
35mm (1-3/8") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.



TCT BORING BIT (THROUGH HOLE)



APPLICATIONS

Solid wood and wood base panel.

COMPATIBLE POWER TOOLS

Automatic boring machines , portable boring machine, CNC machine center.

PRODUCT FEATURES

Carbide tip plug-in weld make long life and stability. Better chip remove round shank with clamping flat and screw, V-point to eliminate breakage on the panel underside. Suitable for through holes.

Diameter Size	Shank Diameter
6-12mm (1/4" ~ 1/2") right	10mm (3/8")
6-12mm (1/4" ~ 1/2") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.

TCT BORING BIT V-POINT (THROUGH HOLE)



APPLICATIONS

Solidwood and wood base panel.

COMPATIBLE POWER TOOLS

Portable boring machines,automatic boring machines, CNC machining centers.

PRODUCT FEATURES

Round shank with clamping flat and screw, V-Type carbide tip make drilling fast and long life, high precision hole no burrs. Suitable for through holes.

Diameter Size	Shank Diameter
6-12mm (1/4" ~ 1/2") right	10mm (3/8")
6-12mm (1/4" ~ 1/2") right	10mm (3/8")

Note: Customized spec. and size available upon client's request.

DOWEL DRILL WITH COUNTERSINK CARBIDE TIP

APPLICATIONS

Hardwoods,MDF,composite wood and board with a veneer.

COMPATIBLE POWER TOOLS

Cutting machine and the other boring machine equipped with a dapter or chuck.

PRODUCT FEATURES

Carbide tip provide superior wear resistance and sharp edge. Drilling hole and countersink for screws in one pass.

Diameter Size	Shank Diameter
3-12mm (1/8" ~ 1/2")	12.7mm (1/2")

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE BORING BIT V-POINT

APPLICATIONS

MDF,chipboard, laminated board, hardwood, softwood, plywood.

COMPATIBLE POWER TOOLS

Used on CNC machine carving machine or the other boring machines equipped with adaptors or chucks.

PRODUCT FEATURES

Carbide tip make long life and stability. Better chip remove round shank with clamping flat and screw, V-point to eliminate breakage on the panel underside. Suitable for through holes.

Diameter Size	Shank Diameter
3-8mm (1/8" ~ 5/16") right	10mm (3/8")
3-8mm (1/8" ~ 5/16") left	10mm (3/8")

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE DOWEL DRILL



APPLICATIONS

Solidwood and wood base panel.

COMPATIBLE POWER TOOLS

CNC centers, automatic boring machines, and the other boring machines equipped with adaptors or chucks.

PRODUCT FEATURES

Round shank with clamping flat and screw, carbide brad point tip make drilling fast and long life, high precision hole no burrs. Suitable for blind holes.

Diameter Size	Shank Diameter
2-8mm (3/32" ~ 5/16") right	10mm (3/8")
2-8mm (3/32" ~ 5/16") right	10mm (3/8")

Note: Customized spec. and size available upon client's request.

TCT CARBIDE ROUGH CUTTING SPIRAL MILL



APPLICATIONS

On hardwoods and PET, Board, OSB, laminated board.

COMPATIBLE POWER TOOLS

Used on CNC machine carving machine or the other boring machines equipped with adaptors or chucks.

PRODUCT FEATURES

2 flute composition spiral drill makes cutting no burrs. Suitable for cutting OSB etc.

Diameter Size	Shank Diameter
3-12mm (1/8" ~ 1/2")	12.7mm (1/2")

Note: Customized spec. and size available upon client's request.



TCT STRAIGHT ROUTER BIT



APPLICATIONS

Hardwoods, MDF, composite wood and board with a veneer.

COMPATIBLE POWER TOOLS

Cutting machine, carving machine and the other automatic routers.

PRODUCT FEATURES

TCT carbide tip provide superior wear resistance and sharp edge. For slotting, milling, drawing circle, drilling holes etc.

Diameter Size	Shank Diameter
3-12mm (1/8" ~ 1/2")	12.7mm (1/2")

Note: Customized spec. and size available upon client's request.

SOLID CARBIDE SPIRAL BIT-UP CUT

APPLICATIONS

Hardwood, Medium Density Board, Nylon, Resin, ABS, Acrylic, PVC, MDF, Veneer etc.

COMPATIBLE POWER TOOLS

Use on CNC, table mount and handheld routers.

PRODUCT FEATURES

2&3 flute spiral bits used for smoothly upcut groove and slots, Mortises, cycles and dados with clean edge and bottom, premium carbide with high wear resistance and has long service life to ensure best performance.

Diameter Size	Shank Diameter
6-12mm (1/4" ~ 1/2")	6-12mm (1/4" ~ 1/2")

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE SPIRAL BIT-DOWN CUT


2-FLUTE

3-FLUTE

APPLICATIONS

Hardwood, Medium Density Board, Nylon, Resin, ABS, Acrylic, PVC, MDF, Veneer etc.

COMPATIBLE POWER TOOLS

Use on CNC, table mount and handheld routers.

PRODUCT FEATURES

2&3 flute spiral bits used for smoothly downcut groove and slots, Mortises, with clean edge and bottom. Premium carbide with high wear resistance and has long service life to ensure best performance.

Diameter Size	Shank Diameter
1/4" ~ 1/2" (6-12mm)	1/4" ~ 1/2" (6-12mm)

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE COMPRESSION SPIRAL BITS WITH CHIPBREAKER


2-FLUTE

3-FLUTE

APPLICATIONS

Wood and wood base panel, PVC and Acrylic .

COMPATIBLE POWER TOOLS

Used on CNC center table mount and handle routers.

PRODUCT FEATURES

Two flute compression spiral , be used for wood board with double-side thin slices. 3 flute makes excellent finish cutting on the top and bottoms sides of laminate board. Easy cut with low resistance and surface smooth. Solid carbide bits for a high-performance industrial quality tool.

Diameter Size	Shank Diameter
5/32" ~ 1/2" (4-12mm)	5/32" ~ 1/2" (4-12mm)

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE TAPER BALL NOSE ROUTER BITS

APPLICATIONS

Good performance for plastics,hard wood, soft wood.

COMPATIBLE POWER TOOLS

Use on CNC machine and carving machine.

PRODUCT FEATURES

Tapered ball nose endmill with taper has great performance for cutting and milling, 3D carving, or pattern making. Premium solid carbide & high precision industrial quality.

Size	Shank Diameter
R1/64" x 1-1/2" x 3L 4.2°	1/4" (6mm)
R1/16" x 1-1/2" x 3L 2.4°	1/4" (6mm)
R1/32" x 1-1/2" x 3L 3.6°	1/4" (6mm)

Note: Customized spec. and size available upon client's request.



SOLID CARBIDE BALL NOSE BITS

APPLICATIONS

For woods and wood base panel.

COMPATIBLE POWER TOOLS

Used on CNC center table mount and handle routers.

PRODUCT FEATURES

2 spiral cutting edges upward chip ejection for carving or trimming with the standard specifications.



Diameter Size	Shank Diameter
1/8" ~ 5/8" (3-16mm)	1/8" ~ 5/8" (3-16mm)

Note: Customized spec. and size available upon client's request.

SINGLE FLUTE - SOLID CARBIDE ENGRAVING TOOLS



APPLICATIONS

Wood, plastic, aluminium and solid surface.

COMPATIBLE POWER TOOLS

Carving machine.

PRODUCT FEATURES

Carbide tip provide superior wear resistance and sharp edge. The half round engraving tools are offered with a wide range of tip sizes and angles. To accommodate many engraving styles.

Size	Shank Diameter
T0.0005xL2-1/2" x15°	6.35mm (1/4")
T0.0005xL2-1/2" x30°	6.35mm (1/4")
T0.0005xL2-1/2" x45°	6.35mm (1/4")

Note: Customized spec. and size available upon client's request.

3-FLUTE SOLID CARBIDE GROOVE CHAMFER TOOLS



APPLICATIONS

Hardwoods,MDF,composite wood and board with a veneer.

COMPATIBLE POWER TOOLS

Carving machine and the other automatic routers. CNC center, CNC engraving machine.

PRODUCT FEATURES

Carbide tip provide superior wear resistance and sharp edge. Designed for V-groove.

Size	Shank Diameter
7/8" xL2-1/2" x 30°	6.35mm (1/4")
7/8" xL2-1/2" x 60°	6.35mm (1/4")
7/8" xL2-1/2" x 90°	6.35mm (1/4")

Note: Customized spec. and size available upon client's request.

HSS COATED END MILL AND DRILL

APPLICATIONS

Aluminum alloy steel,aluminum profile.

COMPATIBLE POWER TOOLS

Use on CNC milling, table mount and handheld routers.

PRODUCT FEATURES

Used for carving, cutting, slotting, milling, hollow cutting, single flute, upcut, coating for long life, can be used by dry cutting.

Diameter Size	Shank Diameter
6x16x100mm (1/4" x5/8" x 4")	8mm (5/16")
8x30x100mm (5/16" x1-3/16" x 4")	8mm (5/16")
4.5x5x80mm (3/16" x 3-5/32")	8mm (5/16")

Note: Customized spec. and size available upon client's request.



ALUMINIUM HONEYCOMB PANEL MILLING CUTTER

APPLICATIONS

Aluminium honeycomb panel.

COMPATIBLE POWER TOOLS

Used on CNC table mount and handle routers.

PRODUCT FEATURES

Single flute upcut for fast cutting, mirror finish for clean cuts and chip remove fast. For a clean bottom surface edge of material is required. Especiacy for Aluminium honeycomb panel cutting and drilling.

Size	Shank Diameter
6x22mm (1/4" x 7/8")	13.00mm (1/2")
8x22mm (5/16" x 7/8")	13.00mm (1/2")
8x40mm (5/16" x 1-9/16")	10mm (5/8")

Note: Customized spec. and size available upon client's request.



LOCK MORTISE CUTTER



APPLICATIONS

On hardwoods and non-ferrous alloys.

COMPATIBLE POWER TOOLS

Used on CNC machine or handheld routers to make slotting for door lock.

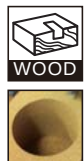
PRODUCT FEATURES

3 spiral for rough cutting, upcut, mirror finish for chip removed.

Diameter Size	Shank Diameter
16-22mm (5/8" ~ 7/8")	16mm (5/8")
16x55/105xD16x165mm	16mm (5/8")

Note: Customized spec. and size available upon client's request.

TCT HINGE DRILL BIT



APPLICATIONS

On hardwoods and the other wood base material.

COMPATIBLE POWER TOOLS

Handheld routers to make slotting for door lock.

PRODUCT FEATURES

TCT Tip make long life and used on hardhold routers can be operated easily. Nice tool set for carpenters, carvers, artist, and many other professionals.

Size	Shank Diameter
13 x 35 x 150mm (1/2" x 1-3/8" x 6")	16mm (5/8")
13 x 35 x 150mm (1/2" x 1-3/8" x 6")	18mm (11/16")

Note: Customized spec. and size available upon client's request.

HSS-G&E 3 FLUTE TIN COATED TAPERED DRILL

APPLICATIONS

Suitable for cutting, end milling, slotting on aluminium, solid wood, partical board, hard wood, plywood,etc.

COMPATIBLE POWER TOOLS

Portable boring machines,automatic boring machines, CNC machining centers.

PRODUCT FEATURES

Tapered ball nose endmill with taper has great performance for cutting and milling, 3D carving, or pattern making. TiN coated serve long life. Economical type.

Diameter of Size	Shank Diameter
2-12mm (5/64" ~ 1/2")	12mm (1/2")
3-12mm (5/64" ~ 1/2")	12mm (1/2")
4-12mm (5/32" ~ 1/2")	12mm (1/2")

Note: Customized spec. and size available upon client's request.



TRIMMING CUTTER

APPLICATIONS

Ideal for edge trimming, chamfering, and finishing of solid wood, MDF, particleboard, and other panels, widely used in furniture, cabinetry, and whole-house customization

COMPATIBLE POWER TOOLS

Compatible with CNC cutting machines, woodworking machiningcenters, edge banding machine trimmers, and other professional woodworking equipment.

PRODUCT FEATURES

Bearing-guided design for precise and stable trimming; high-performance coating for wear resistance; a full range of specifications to meet diverse processing needs.

Size	Shank Diameter
6x28.58x75mm	6mm
6.35x28.58x76.2mm	6.35mm
8x32x80mm	8mm
8x45x100mm	8mm
12.7x38x101.6mm	13mm

Note: Customized spec. and size available upon client's request.



DOUBLE EDGED FLUSH TRIM BIT



APPLICATIONS

Ideal for cutting and grooving solid wood, MDF, and other panels, widely used in furniture, cabinetry, and door manufacturing.

COMPATIBLE POWER TOOLS

Compatible with CNC cutting machines, woodworking machining centers, and other professional equipment.

PRODUCT FEATURES

Double-shank design for stability, helical flutes for efficient cutting, optional high-performance coatings, and a full range of specifications.

Diameter Size	Shank Diameter
4x60x120mm	4mm
5x80x150mm	5mm
6x80x150mm	6mm
6x100x165mm	6mm
6x125x180mm	6mm
8x80x150mm	8mm
8x100x165mm	8mm
8x130x200mm	8mm

Note: Customized spec. and size available upon client's request.



ALUMINUM BODY PRE-MILLING CUTTER WITH REPLACEABLE CARBIDE KNIVES

APPLICATIONS

Milling and truing the end faces of panels such as MDF, particle board, and multi-layer plywood.

COMPATIBLE POWER TOOLS

Automatic Edge Banding Machine

PRODUCT FEATURES

Spiral overlapping cutting, smooth chip removal, and high-quality machined surface finish.

Aircraft-grade aluminum body for lighter weight.

Detachable design for convenient tool changes.



MDF



PlyWood



Chipboard



Specification Model

D125 × d30 × H65 × 18T Light
D125 × d30 × H65 × 18T Left
D100 × d30 × H51 × 4T Light
D100 × d30 × H51 × 4T Left

Note: Customized spec. and size available upon client's request.



VERTICAL SPIRAL CUTTERHEAD



CUTTING MATERIALS

Solid wood
Engineered wood
Plywood
Particle board

Equipment

Vertical spindle moulder & four-sided planer

COMPATIBLE POWER TOOLS

Lighter cutting, replaceable blades, reusable cutter body.

Design

High-quality aviation-grade aluminum body, double-helix structure

Advantages

Lighter cutting, replaceable blades, reusable cutter body.



Soft Wood



Hard Wood



PlyWood



Chipboard



Size	Cutting Type
90x35xH60x6T 15/30°	Light-Cutting Steel Body
90x35xH80x6T 15/30°	Light-Cutting Steel Body
90x35xH100x6T 15/30°	Light-Cutting Steel Body
90x35xH120x6T 15/30°	Light-Cutting Steel Body
100x35xH60x6T 15/30°	Light-Cutting Steel Body
100x35xH80x6T 15/30°	Light-Cutting Steel Body
100x35xH100x6T 15/30°	Light-Cutting Steel Body
100x35xH120x6T 15/30°	Light-Cutting Steel Body
125x40xH60x6T 15/30°	Light-Cutting Steel Body
125x40xH80x6T 15/30°	Light-Cutting Steel Body
125x40xH100x6T 15/30°	Light-Cutting Steel Body
125x40xH120x6T 15/30°	Light-Cutting Steel Body
90x35xH40x6T 15/37°	Heavy-Cutting Steel Body
90x35xH60x6T 15/37°	Heavy-Cutting Steel Body
90x35xH60x6T 14/30°	Heavy-Cutting Steel Body
90x35xH80x6T 15/37°	Heavy-Cutting Steel Body
90x35xH80x6T 14/30°	Heavy-Cutting Steel Body

Size	Cutting Type
90x35xH100x6T 15/37°	Heavy-Cutting Steel Body
90x35xH100x6T 14/30°	Heavy-Cutting Steel Body
90x35xH120x6T 15/37°	Heavy-Cutting Steel Body
90x35xH120x6T 14/30°	Heavy-Cutting Steel Body
90x35xH130x6T 15/37°	Heavy-Cutting Steel Body
90x35xH160x6T 15/37°	Heavy-Cutting Steel Body
100x35xH40x6T 15/37°	Heavy-Cutting Steel Body
100x35xH60x6T 15/37°	Heavy-Cutting Steel Body
100x35xH80x6T 15/37°	Heavy-Cutting Steel Body
100x35xH100x6T 15/37°	Heavy-Cutting Steel Body
100x35xH120x6T 15/37°	Heavy-Cutting Steel Body
100x35xH150x6T 15/37°	Heavy-Cutting Steel Body
100x40xH60x6T 15/37°	Heavy-Cutting Steel Body
100x40xH80x6T 15/37°	Heavy-Cutting Steel Body
100x40xH100x6T 15/37°	Heavy-Cutting Steel Body
100x40xH120x6T 15/37°	Heavy-Cutting Steel Body
100x40xH130x6T 15/37°	Heavy-Cutting Steel Body

Note: Customized spec. and size available upon client's request.

SPIRAL CUTTERHEAD

APPLICATIONS

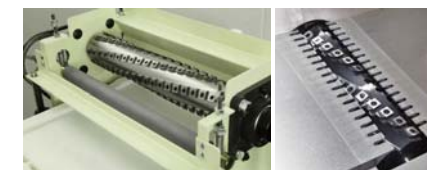
Ideal for planing, roughing and cutting operations on solid wood, plywood, particleboard, MDF and other panels. Widely used in furniture manufacturing, door production and whole-house customization, it efficiently improves surface finish and production efficiency.

COMPATIBLE POWER TOOLS

Hand press wood planing machine, Single wood planing machine, Double side planer, Wood planer sander.

PRODUCT FEATURES

- 1, Reversible Blade Design: Blades can be quickly replaced without regrinding the entire head, significantly reducing downtime.
- 2, Helical Cutting Geometry: Ensures smooth, low-noise cutting, minimizes panel chipping and improves surface quality.
- 3, High-Strength Cutterhead: Made of high-quality alloy steel or cast steel for high rigidity, resistance to deformation and long service life.
- 4, Carbide Inserts: Wear-resistant and impact-resistant, with reversible edges to reduce consumable costs.
- 5, Customization: Cutterhead length, number of inserts and cutting angles can be customized to meet specific customer requirements.



Soft Wood



Hard Wood



PlyWood



Chipboard



Cutter head diameter range	Cutter head length range	Groove number range	T.C.T insert size
Ø80 - 200mm	150-1600mm	4T-12T	14x14x2mm
Ø80 - 200mm	150-1600mm	4T-12T	15x15x2.5mm R150
Ø50 - 100mm	150-600mm	3T-6T	15x15x2.5mm R150

Note: Customized spec. and size available upon client's request.

INDEXABLE CARBIDE INSERTS



Reversible Spiral Knives

Planer Blades

Edge Banding Knives

Profiling Blanks

Profiling Blanks



Soft Wood



Hard Wood



Plywood



Chipboard

Woodworking Reversible Knives

Material Introduction

The blade is made of tungsten carbide alloy, which gives it high hardness and strong durability. Under harsh working conditions, the blade can maintain its original cutting performance for a long time, reduce failure and wear.

Manufacturing Standard

Our blade size accuracy is controlled within 0.01mm to ensure precision and stability. The cutting edge is sharp, which makes the machining surface smooth and clean, and improves the product quality.

Size	Type
10x10x1.5mm	Square
11x11x1.5mm	Square
12x12x1.5mm	Square
13.8x13.8x2.5mm	Square
14x14x2mm	Square
14.3x14.3x2.5mm	Square
14.33x14.3x2mm	Square
14.6x14.6x2.5mm	Square
15x15x2.5mm	Square
16x16x2mm	Square
16.5x16.5x2.8mm	Square
18x18x2.45mm	Square

Size	Type
20x12x1.5mm	Rectangle
30x12x1.5mm	Rectangle
40x12x1.5mm	Rectangle
49.5x12x1.5mm	Rectangle
50x11x1.5mm	Rectangle
60x12x1.5mm	Rectangle

Note: Customized spec. and size available upon client's request.

INDEXABLE ROUTER BITS

APPLICATIONS

For woods and wood base panel.

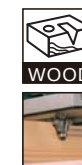
COMPATIBLE POWER TOOLS

Use on table mount router and CNC machine.

PRODUCT FEATURES

The main application of routers is in woodworking, especially cabinetry. Used to hollow out an area in the face of a relatively hard workpiece, typically of wood or pastic.

Diameter Size	Shank Diameter
38.1x27x19x76.2mm-91°	12mm
19x30x90mm	8mm



TCT ROUTER BITS

APPLICATIONS

For woods and wood base panel.

COMPATIBLE POWER TOOLS

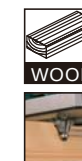
Use on table mount router and CNC machine.

PRODUCT FEATURES

The main application of routers is in woodworking, especially cabinetry. Used to hollow out an area in the face of a relatively hard workpiece, typically of wood or pastic.

Diameter Size	Shank Diameter
21.8-88.9mm (7/8" ~ 3-1/2")	12.7mm (1/2")

Note: Customized spec. and size available upon client's request.



PCD RAISED PANEL BIT



APPLICATIONS

For woods and wood base panel.

COMPATIBLE POWER TOOLS

Use on table mount router and CNC machine.

PRODUCT FEATURES

Create center panels for standard rail and stile cabinet doors, PCD blades for a sharper & longer lasting edge, Silver brazing for maximum strength and durability.

Diameter Size/Shank	Height
31.8-47mm (1-1/4" ~ 1-7/8")	9.3-14.7mm (3/8" ~ 9/16")

Note: Customized spec. and size available upon client's request.

CURVED RECIPROCATING SAW BLADE



APPLICATIONS

Used for cutting metal materials such as iron pipe and angle steel, specially for stainless steel pipe.

COMPATIBLE POWER TOOLS

Fits all major sawzall saws & reciprocating saws.

PRODUCT FEATURES

Through many years of practical cutting experience to develop a new type of curved teeth, bimetal material, cutting mechanics is more suitable for the cutting scene, reduce the risk of violent jumping and out of the cutting material during the cutting process.

Oal.	TPI
200mm (8")	10/14
250mm (10")	10/14

Note: Customized spec. and size available upon client's request.

RECIPROCATING SAW BLADE WITH 1/2" SHANK

APPLICATIONS

Used for solid wood and veneered wooden boards, chipboard and plywood.

COMPATIBLE POWER TOOLS

Fits all major sawzall saws & reciprocating saws.

PRODUCT FEATURES

Professional Grade. Easy to use. Efficiency, economic, toughness, high quality blades and cut fast. This blade set common for demolition, plunge cuts, fast cut.

Oal.	TPI
152-300mm (6" ~ 12")	3/5/6/10/12

Note: Customized spec. and size available upon client's request.



CARBIDE TIPPED RECIPROCATING SAW BLADE

APPLICATIONS

Used for solid wood and veneered wooden boards, wood with nail, chipboard and plywood.

COMPATIBLE POWER TOOLS

Fits all major sawzall saws & reciprocating saws.

PRODUCT FEATURES

Carbide teeth reciprocating saw blade, using imported alloy welding, greatly improve product performance, especially for superhard material cutting, sharper, improve work efficiency and service life.

Oal.	TPI
152mm (6")	3/6/8
228mm (9")	3/6/8

Note: Customized spec. and size available upon client's request.



CARBIDE TIPPED RECIPROCATING SAW BLADE



APPLICATIONS

All metals, strut, pipe, cast iron, & stainless steel.

COMPATIBLE POWER TOOLS

Fits all major sawzall saws & reciprocating saws.

PRODUCT FEATURES

Carbide-tipped reciprocating saw blades, crafted with imported alloy welding technology, deliver exceptional performance enhancements—particularly when cutting superhard materials. Boasting ultra-sharp cutting edges, they not only boost work efficiency dramatically but also feature an extended service life, setting a new standard for durability in demanding applications.

Size	TPI
150mm (6")	8/10
225mm (9")	8/10
300mm (12")	8/10

Note: Customized spec. and size available upon client's request.



HSS-G WOOD DRILL GT100 INDUSTRIAL GRADE



APPLICATIONS

Ideal for drilling precious hardwoods.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Drill special fully ground, with centr point and shoulder cutter, GT flute possible nail rests in the wood are easily cut. The extra wide GT flute ensures optimum chip removal. Smooth hole cutting finish. Drills very cleanly with burr-free hole edges.

Diameter Size	Oal.
3-13mm (1/8" ~ 1/2")	90-160mm (3-1/2" ~ 6-5/16")

Note: Customized spec. and size available upon client's request.



BRAD-POINT DRILL BIT

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

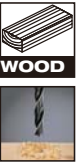
Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Made of high carbon steel with brad point and 2 shouldered cutting spurs.

Diameter Size	Oal.
3-31mm (1/8" ~ 1-1/4")	60-250mm (2-3/8" ~ 9-7/8")

Note: Customized spec. and size available upon client's request.



BRAD POINT WOOD DRILL WITH 2 GUIDE CHANNELS

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Made of bearing steel and carbon steel, 2 guide channels design for faster chip ejection.

Diameter Size	Oal.
3-20mm	61~200mm

Note: Customized spec. and size available upon client's request.



SOLID HEX SHANK BRAD POINT STUBBY DRILL BITS

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Brad-point drill bits feature a sharp and precisely centered brad-tip design, allowing for precise positioning on the wood surface and avoiding deviation from the target location, ensuring accurate drilling.

Diameter Size	Oal.
2.38mm (3/32")	60mm (2-5/16")
3.17mm (1/8")	60mm (2-5/16")
4.76mm (3/16")	60mm (2-5/16")
6.35mm (1/4")	60mm (2-5/16")
7.94mm (5/16")	60mm (2-5/16")
9.53mm (3/8")	60mm (2-5/16")

Note: Customized spec. and size available upon client's request.



HSS-G 3-FLUTE WOOD DRILL INDUSTRIAL GRADE

APPLICATIONS

Ideal for drilling precious hardwoods.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

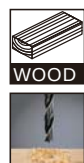
Drill special fully ground, with centr point and shoulder cutter, GT flute possible nail rests in the wood are easily cut.

The extra wide GT flute ensures optimum chip removal. Smooth hole cutting finish.

Drills very cleanly with burr-free hole edges.

Diameter Size	Oal.
3-13mm (1/8" ~ 1/2")	90-160mm (3-1/2" ~ 6-5/16")

Note: Customized spec. and size available upon client's request.



AUGER DRILL BITS (LEWIS WOOD BEAM DRILL)

APPLICATIONS

For precise drilling in soft and hard wood, large section beam, chipboard and plywood.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

Both hex shank and SDS-plus shank available.

PRODUCT FEATURES

Ship auger drill bits feature a spiral flute design that offers exceptional drilling capability. The unique shape and sharp cutting edges swiftly and effectively remove wood materials during drilling, providing a fast and efficient drilling experience.

Diameter Size	Oal.
6-30mm (1/8" ~ 1-7/32")	90-450mm (3-9/16" ~ 18")

Note: Customized spec. and size available upon client's request.



4-FLUTE WOOD DRILL BIT

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Provide robust penetration power and stability, maintaining a straight drilling path. The spiral flute design aids in chip removal and offers better drilling control, reducing the risks of vibration and deviation from the target path. Suitable for deep hole drilling.

Diameter Size	Oal.
12-40mm (1/2" ~ 1-9/16")	165mm (6-1/2")

Note: Customized spec. and size available upon client's request.



Patent Product

SCOTCH EYE WOOD AUGER DRILL BIT



APPLICATIONS

Great for shelter building, home projects, creating cabin dowel holes and making furniture, saw horses, Swedish rocket stoves and wooden mallets. A perfect tool for any outdoorsman, woodsman, or handyman for super easy hand-powered wood auger bit use in the field or the wild.

COMPATIBLE POWER TOOLS

Hand Tool.

PRODUCT FEATURES

Made of hardened oxidized steel coated with a black finish for extended longevity. Larger Eye Diameter and Longer Eye Length for More Torque and Easier Drilling. The sharp 1" cutting diameter steel drill bit and self-tapping pilot screw are professionally milled and welded to drill perfect holes and easily pass through the hardest woods.

Diameter Size	Oal.
25mm (1")	152-300mm (6" ~12")

Note: Customized spec. and size available upon client's request.

FORM WORK DRILL BIT



APPLICATIONS

Suitable for formwork work, boards, beams, plasterboard, light building materials, insulation material and metal, e.g. metal sheets, sandwich material with steel, aluminium or profiled sheet.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, SDS plus hammer drills.

PRODUCT FEATURES

The drill has an extra-long shank and is versatile, in layered building materials or sandwich materials, e.g. for formwork construction and for indoor installation work, plumbing installation, heating construction and electrical installation.

Diameter Size	Oal.
6-30mm (1/4" ~13/16")	400-1000mm (16" ~40")

Note: Customized spec. and size available upon client's request.

3-FLUTE WOOD AUGER DRILL BIT

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Constructed from sturdy High Carbon Steel and 1/4" hex shank, this long wood drill bit incorporates a solid design for enhanced rigidity during boring. Its spiral tri-flute cutting system is precision-milled to expedite chip clearance.

Diameter Size	Oal.
6-35mm (1/4" ~1-3/8")	152-600mm (6" ~24")

Note: Customized spec. and size available upon client's request.



Patent Product

3-FLUTE SPADE DRILL BIT

APPLICATIONS

For drilling in wood, plywood, fibreboard, uncoated chipboard, etc.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Constructed from sturdy High Carbon Steel and 1/4" hex shank, this 6" flat drill bit incorporates a solid center tip design for enhanced rigidity during boring. Its tri-flute cutting system is precision-milled with hollow centers to expedite chip clearance.

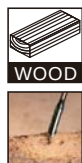
Diameter Size	Oal.
10-35mm (3/8" ~1-3/8")	165mm (6-1/2")

Note: Customized spec. and size available upon client's request.



Patent Product

3-FLUTE SPADE DRILL BIT(Self-Feeding)



Patent Product

APPLICATIONS

Great for shelter building, home projects, creating cabin dowel holes and making furniture, saw horses, Swedish rocket stoves and wooden mallets. A perfect tool for any outdoorsman, woodsman, or handyman for super easy hand-powered wood auger bit use in the field or the wild.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

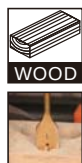
PRODUCT FEATURES

Constructed from sturdy High Carbon Steel and 1/4" hex shank, this 6" flat drill bit incorporates a solid self-feeding tip design for enhanced rigidity during boring. Its tri-flute cutting system is precision-milled with hollow centers to expedite chip clearance.

Diameter Size	Oal.
10-35mm (3/8" ~1-3/8")	165mm (6-1/2")

Note: Customized spec. and size available upon client's request.

SPADE DRILL BIT



Patent Product

APPLICATIONS

For drilling dimensionally accurate, tearfree, flat bottomed holes in solid wood and veneered wooden boards, chipboard and plywood.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Spade drill bits are designed to provide rapid cutting capabilities. With their large cutting surface area and sharp cutting edges, they can quickly and efficiently remove material. Therefore, they are an ideal choice for tasks that involve drilling a large number of holes or require high-speed drilling.

Diameter Size	Oal.
6-40mm (1/4" ~ 1-9/16")	152mm (6")

Note: Customized spec. and size available upon client's request.

3-FLUTE CARBIDE TIPPED FORSTNER BIT

APPLICATIONS

Drill through a multitude of materials including hardwood /softwood/composites/veneered plywood/plastic. Use to drill pocket holes, angled holes, overlapping holes and flat bottom holes.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Thick micro-grain carbide tips ensure cleaner cuts and long lasting sharpness. Solid hardened steel build for optimal structural strength. Fast smooth cutting experience and chip removal, with improved durability compared to counterparts with 2 blades(flutes).

Diameter Size	Shank
25-100mm (1" ~ 4")	Hex shank

Note: Customized spec. and size available upon client's request.



TCT-CYLINDER BORING BITS (CARBIDE TIPPED)

APPLICATIONS

For drilling dimensionally accurate and tearfree holes in soft wood, resin bonded and plastic coated laminates, veneered wood sheet, chipboard, and other forms of compressed wood sheet.

COMPATIBLE POWER TOOLS

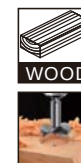
Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Suitable for carpenters and joiners, specially in window and kitchen installation.

Diameter Size	Oal.
3-30mm (1/8" ~ 1-7/32")	90-450mm (3-9/16" ~ 18")

Note: Customized spec. and size available upon client's request.



TENON AND DEEP PLUG CUTTER



APPLICATIONS

For making plugs in soft and hardwood.

COMPATIBLE POWER TOOLS

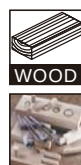
Drill Press, Electric Drill.

PRODUCT FEATURES

Perfect for furniture making, cabinetry, and wood joinery. Drill straight plugs, dowels, and tenons. Made of alloyed steel for long-lasting cutting performance.

Diameter Size	Oal.
9.5-60mm (3/8" ~ 2-3/8")	140-160mm (5-1/2" ~ 6-5/16")

Note: Customized spec. and size available upon client's request.



PROFESSIONAL FORSTNER BITS



APPLICATIONS

For drilling dimensionally accurate, tearfree, flat bottomed holes in solid wood and veneered wooden boards, chipboard and plywood.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Made of high carbon steel, precision ground finish. Ideal for door locks, morticing, electrical and plumbing work.

Diameter Size	Oal.
6-115mm (1/4" ~ 4-1/2")	60-160mm (3-5/32" ~ 6-1/4")

Note: Customized spec. and size available upon client's request.



FORSTNER BITS WITH TEETH (PREMIUM)

APPLICATIONS

For drilling dimensionally accurate, tearfree, flat bottomed holes in solid wood and veneered wooden boards, chipboard and plywood.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Forstner drill bits exhibit outstanding control during the cutting process. The sharp center-cutting edges provide precise hole starting points, reducing the risks of vibration and deviation from the target position. Furthermore, the drill bit's cutting geometry and beveled edges make it easier to achieve high-precision cutting, resulting in clean and smooth hole edges.

Diameter Size	Oal.
6-115mm (1/4" ~ 4-1/2")	60-160mm (3-5/32" ~ 6-1/4")

Note: Customized spec. and size available upon client's request.



FORSTNER BITS WITH TEETH

APPLICATIONS

For drilling dimensionally accurate, tearfree, flat bottomed holes in solid wood and veneered wooden boards, chipboard and plywood.

COMPATIBLE POWER TOOLS

Used in hand drills, electric portable drills, drill presses and lathes.

PRODUCT FEATURES

Forstner drill bits exhibit outstanding control during the cutting process. The sharp center-cutting edges provide precise hole starting points, reducing the risks of vibration and deviation from the target position. Furthermore, the drill bit's cutting geometry and beveled edges make it easier to achieve high-precision cutting, resulting in clean and smooth hole edges.

Diameter Size	Oal.
6-115mm (1/4" ~ 4-1/2")	60-160mm (3-5/32" ~ 6-1/4")

Note: Customized spec. and size available upon client's request.



WOOD CARVING & BORING TOOL



2 in 1

APPLICATIONS

A rotary file used to remove rough materials, carved wood files, plastic rubber and other soft materials.

COMPATIBLE POWER TOOLS

Angle Grinder.

PRODUCT FEATURES

Multi-functional 2-in-1 Design - This tool allows for grinding, carving, and polishing on wood surfaces, while also serving as a hole saw drill bit for wood boring. It is suitable for use on both soft and hard woods, offering versatility for various woodworking tasks.

Diameter Size	Shank
0.8" / 1" / 1.2"	5/8-11" thread

Note: Customized spec. and size available upon client's request.

WOOD GRINDING WHEEL



APPLICATIONS

Used to remove rough materials, carved wood files, plastic rubber and other soft materials.

COMPATIBLE POWER TOOLS

Angle Grinder.

PRODUCT FEATURES

Made by premium titanium steel which has the higher hardness and longer life. This wheel can be used for wooden materials, grinding, carving and any other DIY wood works.

Diameter Size	Type
115mm (4-1/2") / 125mm (5")	FLAT
115mm (4-1/2") / 125mm (5")	TAPERED
115mm (4-1/2") / 125mm (5")	BEVELLED

Note: Customized spec. and size available upon client's request.



WOOD TURNING TOOLS

APPLICATIONS

The handle is made of wood, tough and comfortable to grip. The lightweight handle in combination with the sharp bevel edge allow you to have optimal control of the carving chisels and carve any wood effortlessly and with high precision.

COMPATIBLE POWER TOOLS

Handtool.

PRODUCT FEATURES

Nice tool set for carpenters, carvers, artist, and many other professions.

Whether you are a professional woodworker or wood carving is just a hobby, this complete chisel set is exactly what you need for your challenging wood projects.

Diameter Size	Oal.
4.7-25.4mm (3/16" ~ 1")	160~ 255mm

Note: Customized spec. and size available upon client's request.



BI-METAL HOLE SAW WITH CENTER DRILL

APPLICATIONS

For steel board, wood, plastic etc.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Tip teeth hardned for cutting any usual materials with a high wear resistance.

Hole saw and arbor in two partsms, so hole saws of different diameter can be exchaned and fitted more rapidly.

Diameter Size	Shank
22-200mm (7/8"~8")	Tri-shank

Note: Customized spec. and size available upon client's request.



CARBIDE TIPPED-UNIVERSAL HOLE SAW



Potent Product



APPLICATIONS

For stainless steel, steel board, wood, plastic etc.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

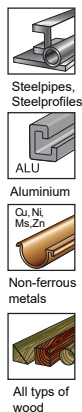
PRODUCT FEATURES

Multi-functional 2-in-1 Design.
Serving as a hole saw drill bit for wood boring.
It is suitable for use on both soft and hard woods, offering versatility for various woodworking tasks and steel, plastic etc.

Diameter Size	Shank
22-150mm (7/8" ~6")	1/2-20UNF/5/8-18UNF

Note: Customized spec. and size available upon client's request.

SUPER CARBIDE TIPPED HOLE SAW



APPLICATIONS

For stainless steel, steel board, wood, plastic etc.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Made by premium steel with carbide teeth which has the higher hardness and longer life.
This wheel can be used for wooden materials, and any other DIY wood works.

Diameter Size	Shank
22-200mm (7/8" ~8")	1/2-20UNF/5/8-18UNF

Note: Customized spec. and size available upon client's request.

BI-METAL IMPACT HOLE SAW(SUPER THIN)

APPLICATIONS

For thin Sheet Metal, Stainless Steel Board, Fiber cement and wood etc.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

M42 HSS Material, faster drilling speeds, Hardened backing plate, use with impact driver,

Diameter Size	Shank
18-44mm (11/16" ~ 1-23/32")	6.35mm (1/4")

Note: Customized spec. and size available upon client's request.



SINGLE & DOUBLE-EDGED JAPANESE SAW

APPLICATIONS

High-quality steel makes razor sharp cuts.
Perfect for small woodworking job.

COMPATIBLE POWER TOOLS

Handtool.

PRODUCT FEATURES

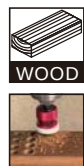
This product is a "Pull Saw." Most people are used to European saws, called "push saws," which cuts through a pushing motion. On the other hand, Japanese saws cut materials via pulling and are called "pull saws." In comparison to "push saws," this Japanese product is lighter in weight, requires less power, and results in a cleaner edge.

Oal x blade Size	TPI
150/180/240mm(6"/7"/9.5")	17
150/225/300mm(6"/9"/12")	10/12/18

Note: Customized spec. and size available upon client's request.



COUNTERSINK DRILL BIT WITH LOW FRICTION DEPTH STOP



Patent Product

APPLICATIONS

Working with natural woods, chipboard, man-made boards, plywood, MDF, decking, drywall, and various plastic boards.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Both pilot drill and counterbore depth are adjustable by adjusting the depth stop and drill bit with the wrench included, to achieve accurate drilling. The added plastics collar can reduce surface marring effectively.

Diameter Size	Shank
3.2x4.8mm(1/8"x3/16")	6.35mm hex(1/4")

Note: Customized spec. and size available upon client's request.

COUNTERSINK DRILL BIT WITH LOW FRICTION BEARING DEPTH STOP



Patent Product

APPLICATIONS

Working with natural woods, chipboard, man-made boards, plywood, MDF, decking, drywall, and various plastic boards.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Both pilot drill and counterbore depth are adjustable by adjusting the depth stop and drill bit with the wrench included, to achieve accurate drilling. The added plastics collar can reduce surface marring effectively. The upgraded bearing limiting ring offers better control stop limiting precision and enhanced durability.

Diameter Size	Shank
3.2x4.8mm(1/8"x3/16")	6.35mm hex(1/4")

Note: Customized spec. and size available upon client's request.

QUICK CHANGE HOLE SAW ARBOR



Patent Product

APPLICATIONS

One push and lock arbor. Release plug with a push. And have a dust guard.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Nice tool set for carpenters, carvers, artist, and many other professions. Whether you are a professional woodworker or wood carving is just a hobby, this complete set is exactly what you need for your challenging wood projects.

Suitable Size	Shank
32-165mm (1-1/8" ~ 6-1/2")	11mm (7/16")

Note: Customized spec. and size available upon client's request.

COUNTERSINK DRILL BIT SET



Patent Product

APPLICATIONS

Suitable for a variety of materials, including natural wood, chipboard, plywood, MDF, decking, drywall, and plastics. For optimal results, use the countersink at low speeds, around 200 RPM, to achieve smooth edges.

COMPATIBLE POWER TOOLS

Electric Corded Drill, Battery Cordless Drill, Corded Drill, Floor Drill Press etc.

PRODUCT FEATURES

Ensure precise drilling with our countersink bit, equipped with adjustable pilot drill and counterbore depths. Use the included wrench to easily adjust the depth stop. The plastic free-spinning collar minimizes surface damage effectively.

Drill diameter Size	Countersink Size
3.2x4.8mm(1/8"x3/16")	9.5~12.7mm3/8"~1/2")

Note: Customized spec. and size available upon client's request.