



WOOD WORKING SERIES

High precision arbor
H6 standard,
Ovality deviation <0.005MM.

Rare alloy steel plate
Patented YB09 steel plate
with 5 kinds of rare metal elements
enables 3 times anti- resistance.

Ultra-high-pressure treatment
Patented technology:
72 hours of continuous heat treatment,
more uniform and tighter steel plate structure,
natural leveling surface.

Big data based test for tension
Tension inspection based on big data,
precise tension value for each saw blade.

German welding technology
Tooth firmness and durability:
German Gerling welding machine,
German Umicore sandwich solder.

Precision grinding
Multi-sided and multi-wheel fine grinding craft:
grinding on 6 sides by 6 types of different grinders.

Balanced polishing technology
Patented Technology:
Balanced polishing technology.

Chengdu KWS Precision Cutting Tool Co., Ltd

Web: www.kwsawblade.com / www.ybtool.com

Tel: 0086-28-85829492

Email: sale@kwsawblade.com

Address: No. 19 Hengsheng Road, Dayi Economic Dev. Zone, East Shaqu Town, Dayi County, Chengdu, Sichuan, China





BRIEF INTRODUCTION



Chengdu KWS Precision Cutting Tool Co., Ltd. is a manufacturer of cutting tools located in Chengdu, China. With "KWS" as its well-known brand, KWS Tool has been dedicated to the R&D of PCD saw blades, TCT saw blades, cold saw blades, jointing cutters, drill bits, router bits, and profile cutters since its establishment in 2002.

KWS Tool now operates two factories covering an area of more than 96,000 square meters, with an annual production capacity of over 10 million pieces. It features automated production lines equipped with world-renowned machinery such as Mitsubishi laser cutting machines, Gerling automatic welding machines, and Vollmer automatic grinding machines, achieving an automation rate of over 90%.

Thanks to the continuous efforts of over 40 R&D personnel, KWS Tool works closely with customers to continuously improve product quality. To date, we have obtained more than 80 national patents. The company is also one of the few in the saw blade industry to have earned ISO 9001, ISO 45001, and ISO 14001 certifications.

KWS products have been exported to more than 128 countries and are highly regarded in global markets. Meanwhile, KWS Tool has established more than 200 chain stores across China to provide better service to local customers.

KWS Tool spares no effort in delivering professional-quality products and exceptional service. We sincerely hope to build long-term, win-win partnerships with customers around the world.



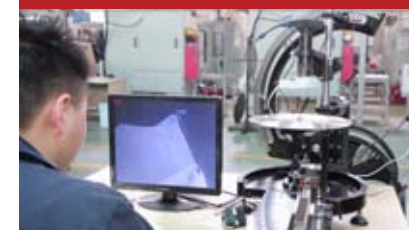
ISO ISO9001 ISO14001 ISO45001



PATENT



QUALITY CONTROL





[DRILL BIT]

Salad Drill



Machine: Table drilling machine, portable drilling machine
Application: solid wood
Advantage: Durable

Stock: ☒ Yes ☐ No

No.	D	H	3000
1	3	8	☒
2	3	9	☒
3	3	10	☒
4	4	8	☒
5	4	9	☒
6	4	10	☒
7	4	12	☒
8	5	8	☒
9	5	9	☒
10	5	10	☒
11	5	12	☒
12	6	10	☒
13	6	12	☒
14	7	13	☒
15	8	13	☒
16	8	15	☒
17	10	15	☒
18	10	20	☒

Mortising Bit



Machine: Mortising machine
Application: Solid wood
Advantage: Excellent cutting performance without any timber crack-off or damages

Stock: ☒ Yes ☐ No

No.	S	D	H1	Z	3000	K6
1	1/2	6	100	2	☒	☐
2	1/2	6	100	4	☒	☐
3	1/2	8	100	4	☒	☐
4	1/2	10	100	4	☒	☐
5	1/2	12	100	4	☒	☐
6	16	16	165	4	☐	☒
7	16	18	165	4	☐	☒
8	16	20	165	4	☐	☒
9	16	22	165	4	☐	☒
10	1/2	8	110	4	☐	☒
11	1/2	10	110	4	☐	☒
12	1/2	12	110	4	☐	☒

Square Hole Drill



Machine: Square drill machine
Application: Solid wood
Advantage: Durable

Stock: ☒ Yes ☐ No

No.	D	K5
1	5/16	☒
2	1/2	☒
3	1/4	☒
4	3/8	☒
5	3/8	☒

Step Drill Bit



Machine: Boring machines, CNC machining centers
 Application: For step holes, MDF, chipboard, and plywood
 Feature: Highly durable, no tearing or splintering

Stock: ☒ Yes ☐ No

No.	Diam.	H1	D2	H2	L	K5
1	4	20	8	25	70	☒
2	4	20	10	25	70	☒
3	5	20	8	25	70	☒
4	5	20	10	25	70	☒
5	7	25	12	25	75	☒
6	8	25	15	25	75	☒
7	9	25	15	25	75	☒

Dowel Drill Bit-K5+



Machine: CNC machining centers, hinge boring machines, multi-spindle unit machines
 Application: MDF, chipboard
 Feature: Carbide-tipped, durable, no tearing or splintering

Stock: ☒ Yes ☐ No

No.	D	L	R	K5+
1	3	57/70	L/R	☒
2	4	57/70	L/R	☒
3	4.5	70	L/R	☒
4	5	57/70	L/R	☒
5	5.5	70	L/R	☒
6	6	57/70	L/R	☒
7	6.2	70	L/R	☒
8	6.5	70	L/R	☒
9	7	57/70	L/R	☒
10	7.5	70	L/R	☒
11	7.8	70	L/R	☒
12	8	57/70	L/R	☒
13	8.2	70	L/R	☒
14	8.5	70	L/R	☒
15	9	57/70	L/R	☒
16	9.5	70	L/R	☒
17	9.8	70	L/R	☒
18	10	57/70	L/R	☒
19	11	57/70	L/R	☒
20	12	57/70	L/R	☒
21	13	70	L/R	☒
22	14	70	L/R	☒
23	15	57/70	L/R	☒

Dowel Drill Bit-K6



Machine: CNC machining center, hinge boring machine, multi-spindle unit machine
 Application: MDF, chipboard, plywood
 Feature: Solid carbide cutter head with shear cut, durable, and low friction

Stock: ☒ Yes ☐ No

No.	Flute Diam.	Total length	Rotation	K6A	K6B	K6C
1	5	57/70	L/R	☒	☒	☒
2	6	57/70	L/R	☒	☒	☒
3	7	57/70	L/R	☒	☒	☐
4	8	57/70	L/R	☒	☒	☒
5	9	57/70	L/R	☒	☒	☐
6	10	57/70	L/R	☒	☒	☒
7	12	57/70	L/R	☒	☒	☐
8	15	57/70	L/R	☒	☒	☐

Through Hole Drill Bit-K6



Machine: CNC machining center, hinge boring machine, multi-spindle unit machine
 Application: MDF, chipboard, plywood
 Feature: Solid carbide cutter head with shear cut, durable, and low friction

Stock: ☒ Yes ☐ No

No.	Flute Diam.	Total length	Rotation	K6
1	5	70	L/R	☒
2	6	70	L/R	☒
3	7	70	L/R	☒
4	8	70	L/R	☒
5	9	70	L/R	☒
6	10	70	L/R	☒
7	12	70	L/R	☒

Solid Carbide Dowel Drill Bit-K7



Machine: CNC machining centers, hinge boring machines, multi-spindle unit machines
 Application: MDF, chipboard, plywood
 Feature: Solid carbide cutter head with shear cut, long lifespan, and low friction

Stock: ☒ Yes ☐ No

No.	Diameter	Total length	Rotation	K7
1	3	70	L/R	☒
2	4	70	L/R	☒
3	5	70	L/R	☒
4	6	70	L/R	☒
5	8	70	L/R	☒

Super Duty Dowel Drill Bit



Machine: CNC machining center, multi-boring machine
Application: Solid wood, MDF, chipboard
Feature: High-grade carbide with protective coating for enhanced durability

Stock: ● Yes ○ No

No.	D	L	R	K5+
1	8	80	L/R	●
2	9	80	L/R	●
3	10	80	L/R	●
4	12	80	L/R	●
5	8	90	L/R	●
6	10	90	L/R	●
7	6	100	L/R	●
8	7	100	L/R	●
9	8	100	L/R	●
10	9	100	L/R	●
11	10	100	L/R	●
12	12	100	L/R	●

Hinge Boring Bit



Machine: CNC machining center, hinge boring machine, multi-spindle unit machine
Application: MDF, chipboard
Feature: Carbide inserts, highly durable, no splintering

Stock: ● Yes ○ No

No.	D	L	Z	R	K5+
1	15	57/70	4	L/R	●
2	16	70	4	L/R	●
3	17	70	4	L/R	●
4	18	70	4	L/R	●
5	19	70	4	L/R	●
6	20	70	4	L/R	●
7	21	70	4	L/R	●
8	22	70	4	L/R	●
9	25	70	4	L/R	●
10	30	70	4	L/R	●
11	35	70	4	L/R	●
12	38	70	4	L/R	●
13	40	70	4	L/R	●
14	45	70	4	L/R	●
15	50	70	4	L/R	●
16	55	70	4	L/R	●
17	60	70	4	L/R	●

