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 Tool Co., Ltd

Https://www.kwssawblade.com/www.ybtool.com

Tel:0086-28-85829492

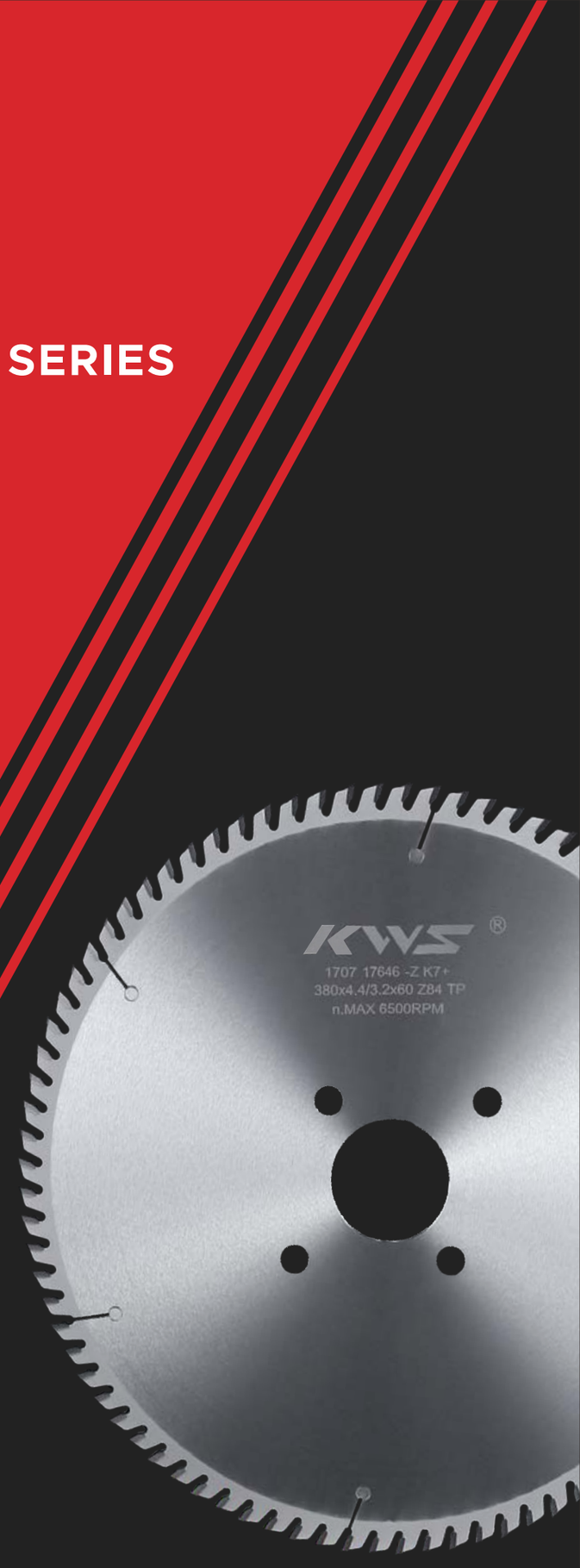
Emai:sale@kwssawblade.com

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

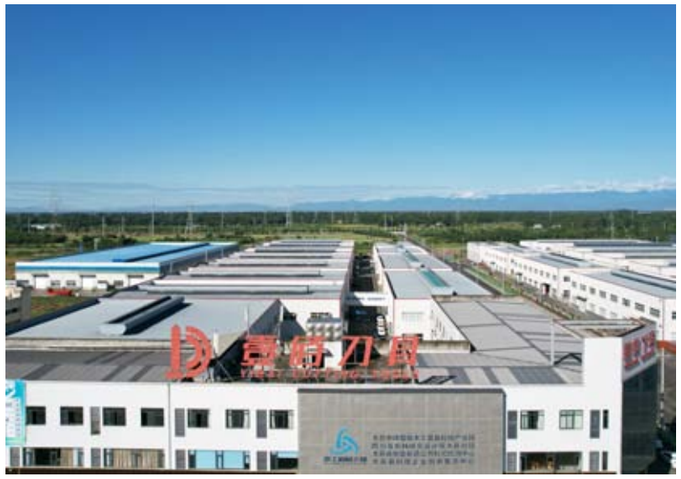
2025.05

KWS®

WOOD WORKING SERIES



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 90,000 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.

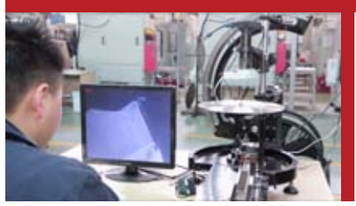
KWS Tool spares no effort in delivering professional-quality products and exceptional service. We sincerely hope to build long-term, win-win partnerships with customers around the world.

ISO

ISO9001 ISO14001 ISO45001

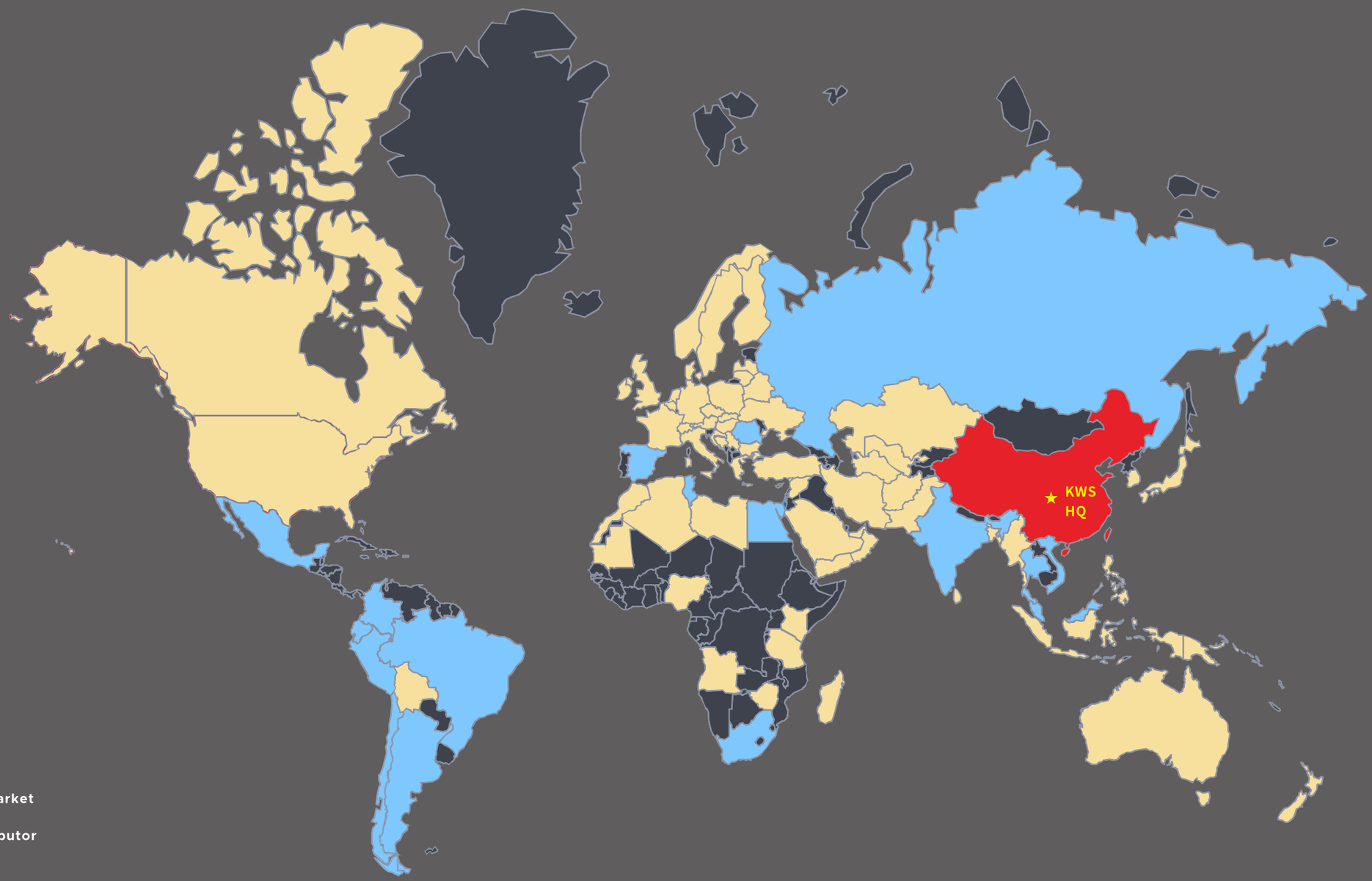
PATENT

QUALITY CONTROL



Introduction Of

KWS



TIPS FOR THE CORRECT USE OF A SAW BLADE

In order to obtain the best performance, we suggest to follow these instruction
*The machine must be in good condition, no vibrations.
*The spindle must be 100% straight and with an H7 tolerance
*The blade must be secured with the same diameter, at least 1/3 of the saw blade's diameter
*The flanges must be parallel to each other. Also check tolerances on diameters, sides and concentricity, by using a clock gauge (Fig. 2)
*The spacers must be perfectly parallel (Fig. 2)
*After used for a certain long period. Please remove the blade and clean it.
*The blades must be sharpened while it become dull. Must maintaining the original tooth angles
* While sharpening, please use the correct grinding wheels with cooling liquid.
*Keep spacers and flanges clean
*While sharpening, the shoulder of the teeth must not be lowered more than needed, otherwise the risk of breaking the tip or upsetting the blade balance will happened
*On ripping machines, the feeding track must be levelled with the fixed table. Before starting the cut of the material, make sure the blade is correctly locked according to the machine's specifications.

SAW BLADE ALIGNMENT ON A TABLE SAW

In order to obtain the best performance, we suggest to follow these instruction
*The machine must be in good condition, no vibrations.
*The spindle must be 100% straight and with an H7 tolerance
*The blade must be secured with the same diameter, at least 1/3 of the saw blade's diameter
*The flanges must be parallel to each other. Also check tolerances on diameters, sides and concentricity, by using a clock gauge (Fig. 2)
*The spacers must be perfectly parallel (Fig. 2)
*After used for a certain long period. Please remove the blade and clean it.
*The blades must be sharpened while it become dull. Must maintaining the original tooth angles
* While sharpening, please use the correct grinding wheels with cooling liquid.
*Keep spacers and flanges clean
*While sharpening, the shoulder of the teeth must not be lowered more than needed, otherwise the risk of breaking the tip or upsetting the blade balance will happened
*On ripping machines, the feeding track must be levelled with the fixed table. Before starting the cut of the material, make sure the blade is correctly locked according to the machine's specifications.

MOUNTING THE SAW BLADE ONTO THE TABLE

The precise measuring instruments are requested to using while mounting your saw blade
Make sure the saw blade is clean then mount the saw blade onto the arbor.
Adjust the arbor to its maximum height, With the aid of the most precise measuring instrument available, verify that the saw blade is parallel to the miter gauge slots.
Adjust it if needed. Which is necessary to obtain crosscuts
With the maximum in quality finish and for setting up the fence for ripping

POSITIONING THE FENCE FOR RIPPING

After positioned the saw blade to be parallel to the miter gauge slot you may proceed with setting the fence. The fence should be parallel to the saw blade. it is necessary to leave a slight margin of clearance on the exit side of the cut so as to avoid the wood becoming wedged in between the fence and the saw blade
Adjust the fence so as when it is aligned to the miter gauge slots, there is a space of
0. 1 mm (for the correct adjustment, reference to the machine's instruction manual)
The maximum RPM of a circular saw blade varies according to the diameter of the blade itself. If you exceed this limit, the cutting performance and the life cycle of the blade will be affected heavily, and the dangers may incur and leads to injury.
The saw blade's projection (T) with respect to the workpiece must be at least equal to the height of the blade's tooth (ig, 9), adjust the projection of the saw blade to improve the quality of the cutting finish
The number of teeth cutting must be between 3 or 4. With less than three teeth cutting, the saw blade begins to vibrate leading to an uneven cut. If you want to cut workpieces with increased thicknesses but wish to use the same diameter saw blade, then use a blade with less teeth If you want to cut workpieces with a reduced thickness, but also maintain the same diameter saw blade, then use a blade with more teeth.

To obtain the pitch (P) of a blade (the distance between teeth: fg. 11-(see formula "a") multiply the thickness of the workpiece by 1. 4142 and divide by 3 (if you want 3 teeth cutting) or by 4 (if you want 4 teeth cutting Formula "b" to obtain the number of teeth (Z) of the saw blade, multiply the diameter (D) of the saw blade by 3.14(π)and divide by the pitch of the saw blade -obtain from the previous formula. The shorter formula " c " allows you to obtain the nr. of the saw blade's teeth. knowing its diameter and the thickness of the workpiece.

Formula A	Formula B	Formula C
$P=\frac{Sx1.4142}{3}$	$Z=\frac{Dx3.14}{P}$	$Z=\frac{Dx8}{S}$

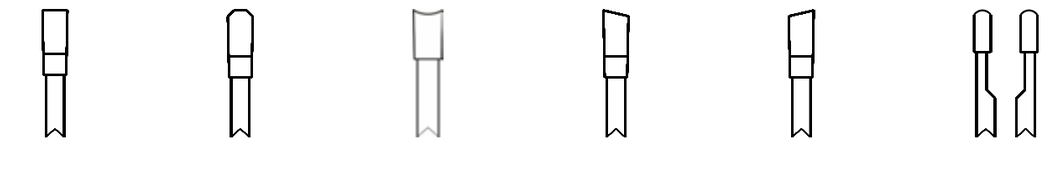
THE MEANING OF LETTER:

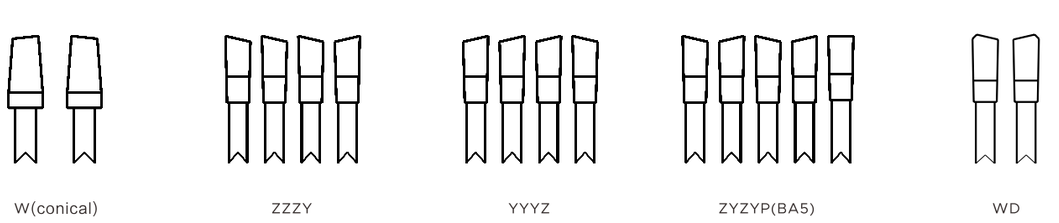
P= pitch
S= thickness of the workpiece
Z= Qty of teeth of the saw blade
D= diameter of the saw blade

ATTENTION:

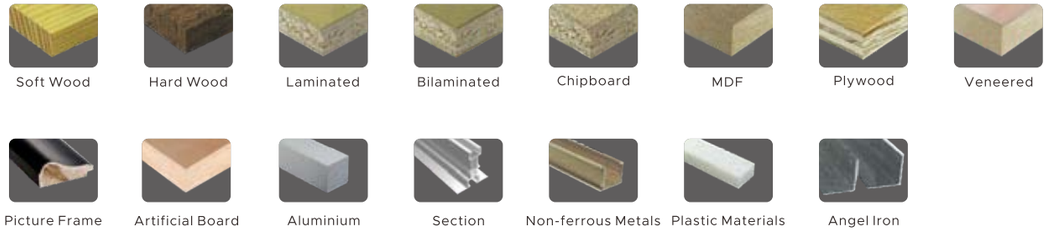
These formulas are valid for crosscutting and cutting other wood composites of (MDE plywood, chipboard and laminated panels) and cannot be applied for ripping

◉Tooth configuration





◉Workpiece Diagrams



◉Pin Holes

Ph01= 2-10-60+2-14-100

Ph02= 2-14-100+2-14-125

Ph03= 2-9-110+4-16-105

Ph04= 2-15-100+2-15-125

Ph05= 2-14-100+2-16-105+2-14-125

Ph06= 2-10-80+2-14-100+2-16-105+2-14-125

Ph07= 4-15-105+2-7-110+2-14-110

Ph08= 2-17-100+2-19-120+2-14-125

Ph09= 4-15-105+2-17-110

Ph10= 2-7-42+2-9-46.4+2-10-60

Ph11= 4-9-100+2-15-105+2-14-110

Ph12= 4-9-100+2-14-110

Ph13= 2-15-105+2-15-110

Ph14= 2-15-105+2-9-110+2-15-125

Ph15= 2-14-100+4-15-105+2-9-110

Ph16= 2-7-42+2-10-60

Ph17= 2-15-100+2-16-105

Ph18= 4-15-105+2-7-110+2-15-110

Ph19=2-15-105+2-14-110+2-19-120+2-10-125

Ph20=2-15-105+2-14-110+2-19-120+2-9-130

Ph21=4-15-105+2-7-110

Ph22=3-7-66+3-6-84

Ph23=3-5/9-30

Ph24=6-9-75+2-15-130+6-9-160

Ph25=2-6-41+2-10-60

Ph26=2-9-110+4-15-105+2-14-100

Ph27=4-15-105+2-7-110+2-15-110

◉Technical Abbreviations

TCT & PCD Saw Blade

D=Outer diameter

d=Inner hole

B=Cutting width

b=Plate thickness

Z=Tooth number

TF=Tooth feature

PH=Pin holes

□=Hook angle

PCD Pre-milling Cutter

OD=Outer diameter

ID=Inner diameter

ND=Thickness of hub

H=Cutting width

Z=Number of tooth

KN=Single keyway

DKN=Double keyway

BDC=Asymmetric

DC=Symmetric

LD=Flow channel

JN=Capsule

CONTENTS

WOOD WORKING SERIES

01 PCD SAW BLADE

02 TCT SAW BLADE

03 PCD PRE-MILLING CUTTER

04 PCD ROUTER BITS

05 ROUTER BIT

06 DRILL BIT

07 PROFILE CUTTER

08 FINGER JOINT CUTTER

09 KINFE & BLADE

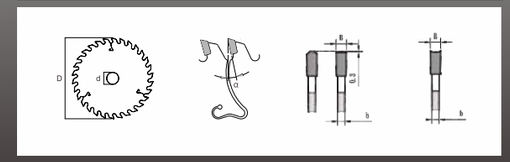
10 GRINDING WHEEL

[PCD SAW BLADE]

PCD Universal Saw Blade

Material

Machine: Table saw, panel saw, crosscut saw
Application: Solid wood, particle board, MDF, and laminated board
Advantage: New chrome treatment, new CP technology, long working life, 30 times more than TCT saw blade



D	d	B	b	Z	TF	PH	α	K6
300	30	3.2	2.2	60T	TP	2-10-60	11.9	PCKPM0010
300	30	3.2	2.2	72T	TP	Ph25	12	PCKPM0021
300	30	3.2	2.2	96T	TP	Ph10	7	PCKPM0030
303	30	2.6	2.0	60T	U		12	PCKPM0060
350	30	3.5	2.5	84T	TP	Ph01	11	PCKPM0070

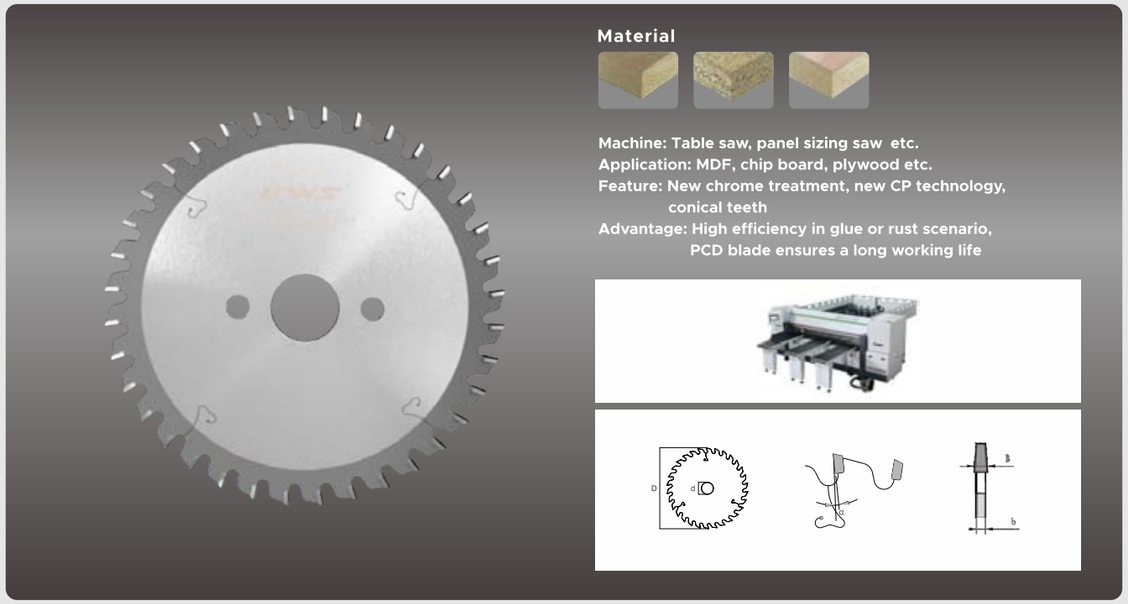
PCD Adjustable Scoring Saw Blade

Material

Machine: Table Saw, precision sliding table saw
Application: MDF, chipboard, plywood
Advantage: New chrome treatment, new CP technology, adjustable scoring width, high quality steel and PCD alloy, long lifespan

D	d	B	b	Z	TF	α	K5
120	20	2.8-3.6	2.2	24	Y	10.5	PCKSC0010
120	22	2.8-3.6	2.2	24	Y	10.5	PCKSC0011

PCD Conical Scoring Saw Blade

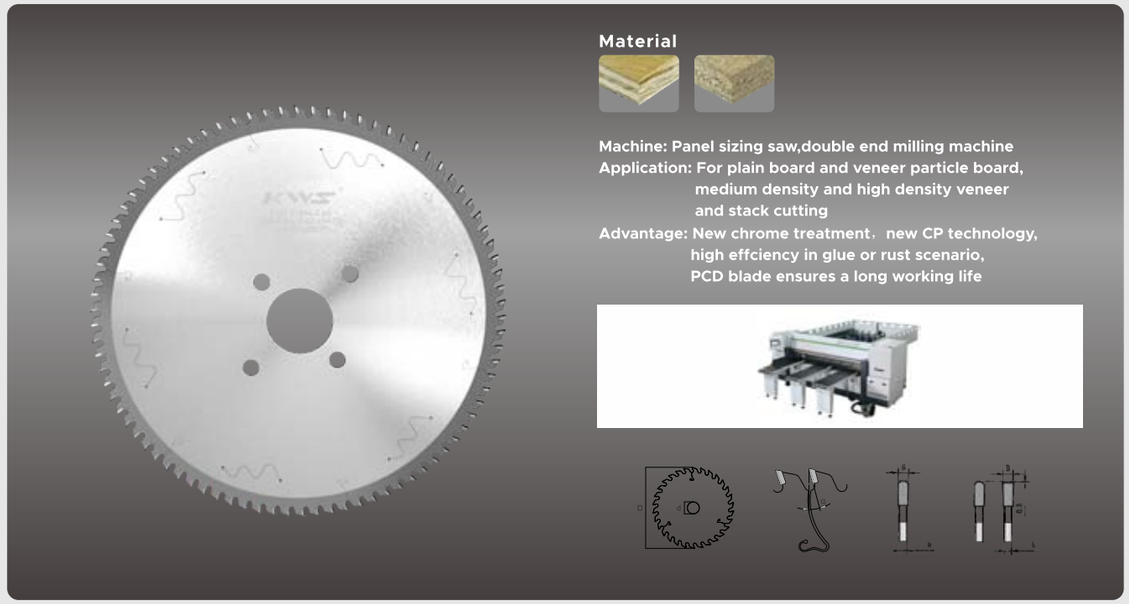


Material

Machine: Table saw, panel sizing saw etc.
Application: MDF, chip board, plywood etc.
Feature: New chrome treatment, new CP technology, conical teeth
Advantage: High efficiency in glue or rust scenario, PCD blade ensures a long working life

D	d	B	b	Z	TF	PH	Machines	α	K5
120	20	3.0-4.0	2.2	24T	P(conical)		Schelling	3.5	PCKCC0020
125	22	3.4-4.4	2.5	24T	P(conical)		Martin	3.6	PCKCC0030
160	25.4	3.3-4.3	2.5	36T	P(conical)			4.3	PCKCC0050
160	30	3.4-4.4	2.5	36T	P(conical)		Langzauner	4.1	PCKCC0060
160	45	4.3-5.3	3.2	36T	P(conical)	3-11-70	Giben	4.1	PCKCC0080
160	55	3.1-4.1	2.2	36T	P(conical)	Ph22	Gabbiani-SCM	4.1	PCKCC0040
160	55	3.9-4.9	2.8	36T	P(conical)	Ph22	Gabbiani-SCM	4.1	PCKCC0070
180	30	3.4-4.4	2.5	36T	P(conical)	Ph16	Panhans-Holzer	4.3	PCKCC0090
180	30	3.9-4.9	2.8	36T	P(conical)	Ph16	Panhans-Holzer	4.3	PCKCC0100
180	30	4.3-5.3	3.2	36T	P(conical)	Ph16	Panhans-Holzer	4.3	PCKCC0110
180	45	4.3-5.3	3.2	36T	P(conical)		Holzma	4.3	PCKCC0111
180	45	4.7-5.7	3.6	36T	P(conical)		Holzma	4.3	PCKCC0120
200	45	4.3-5.3	3.2	36T	P(conical)		Holzma	4.5	PCKCC0130
200	45	4.6-5.6	3.6	36T	P(conical)		Holzma Typ	4.5	PCKCC0140
200	50	4.7-5.7	3.6	36T	P(conical)	2-7-80	KDT	4.5	PCKCC0150
200	50	4.3-5.3	3.2	36T	P(conical)	2-7-80	KDT	4.5	PCKCC0131
200	75	4.3-5.3	3.2	36T	P(conical)			4.5	PCKCC0132

PCD Panel Sizing Saw Blade



Material

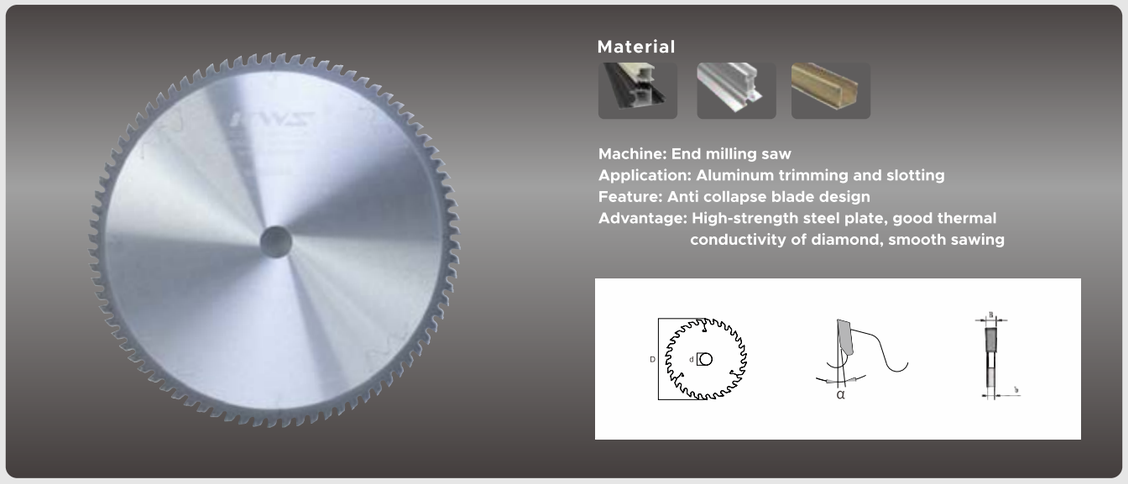
Machine: Panel sizing saw,double end milling machine
Application: For plain board and veneer particle board, medium density and high density veneer and stack cutting
Advantage: New chrome treatment, new CP technology, high effciency in glue or rust scenario, PCD blade ensures a long working life

D	d	B	b	Z	TF	PH	Machines	α	K5A	K6
300	80	4	2.8	96T	T			11	PCKPD0010	PCKPM0050
350	30	4.4	3.2	72T	T	Ph01	Panhans/Scheer	11.1	PCKPD0020	PCKPM0090
350	30	4.4	3.2	84T	T	Ph01	Panhans/Scheer	11.1	PCKPD0030	
350	30	4.4	3.2	84T	T			11.1		PCKPM0100
350	30	4.4	3.2	84T	TP	Ph01	Panhans/Scheer	11.1	PCKPD0040	PCKPM0110
350	30	4.0	2.8	84T	T	Ph01		11.1		PCKPM0080
350	60	4.4	3.2	84T	TP	Ph02	Holzma	11.1	PCKPD0042	PCKPM0111
350	60	4.4	3.2	84T	T	Ph02	Holzma	11.1	PCKPD0032	PCKPM0103
350	75	4.4	3.2	84T	T		Giben/KDT	11.1	PCKPD0034	
350	75	4.4	3.2	84T	T	Ph03	Giben/KDT	11.1		PCKPM0105
350	75	4.4	3.2	84T	TP	Ph03	Giben/KDT	11.1	PCKPD0044	PCKPM0113
360	65	4.4	3.2	84T	T	2-9-110	Selco	11.1		PCKPM0140
380	60	4.4	3.2	72T	T	Ph05	Holzma	10.2	PCKPD0070	PCKPM0150
380	60	4.4	3.2	84T	T	Ph05	Holzma	10.2	PCKPD0080	PCKPM0160
380	60	4.4	3.2	84T	TP	Ph05	Holzma	14.2	PCKPD0090	
380	60	4.4	3.2	84T	TT	Ph05	Holzma	14	PCKPD0100	
380	60	4.4	3.2	84T	TT	Ph05	Holzma	14.2		PCKPM0180
380	75	4.4	3.2	84T	T	Ph26	Holzma/KDT	10.2	PCKPD0082	
380	75	4.4	3.2	84T	T	Ph26	Holzma/KDT	10.2		PCKPM0162
380	75	4.4	3.2	84T	TT	Ph26	Holzma/KDT	14	PCKPD0101	
400	60	4.4	3.2	72T	T		Holzma	10.2	PCKPD0110	PCKPM0190
400	60	4.4	3.2	84T	T	Ph06		10.2	PCKPD0120	
400	60	4.4	3.2	84T	T	Ph06		10.2		PCKPM0200
400	60	4.4	3.2	84T	TP	Ph06		14.2	PCKPD0130	
400	60	4.4	3.2	84T	TP	Ph06		14		PCKPM0210
400	60	4.4	3.2	84T	TT	Ph06		14	PCKPD0140	
400	60	4.4	3.2	84T	TT	Ph06		14.2		PCKPM0220
400	75	4.4	3.2	84T	T	Ph07	Giben/KDT	10	PCKPD0122	PCKPM0202
400	75	4.4	3.2	84T	TP	Ph07	Giben/KDT	14.2	PCKPD0132	PCKPM0212
400	75	4.4	3.2	84T	TT	Ph07	Giben/KDT	14	PCKPD0141	
400	75	4.4	3.2	84T	TT	Ph27	Giben/KDT	14.2		PCKPM0221
450	60	4.8	3.6	84T	T	Ph08	Holzma	10.3	PCKPD0150	PCKPM0230
450	60	4.8	3.6	84T	TP	Ph08	Holzma	14	PCKPD0160	
450	60	4.8	3.6	84T	TP		Holzma	10.3		PCKPM0240

PCD Panel Sizing Saw Blade

D	d	B	b	Z	TF	PH	Machines	α	K5A	K6
450	60	4.8	3.6	84T	TT		Holzma	10.3	PCKPD0170	
450	60	4.8	3.6	84T	TT	Ph08	Holzma	14.3		PCKPM0250
450	75	4.8	3.6	84T	T	Ph09		10.3	PCKPD0152	
450	75	4.8	3.6	84T	T	Ph09		10.3		PCKPM0232
450	75	4.8	3.6	84T	TP	Ph21		14.5	PCKPD0162	
450	75	4.8	3.6	84T	TP	Ph09		10.3		PCKPM0242
450	75	4.8	3.6	84T	TT			10.3	PCKPD0171	
450	75	4.8	3.6	84T	TT	Ph09		14.3		PCKPM0251

PCD Aluminum Grooving Saw Blade



Material

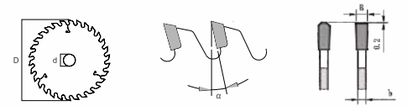
Machine: End milling saw
Application: Aluminum trimming and slotting
Feature: Anti collapse blade design
Advantage: High-strength steel plate, good thermal conductivity of diamond, smooth sawing

D	d	B	b	Z	TF	α	K5
250	30	5.0	4.0	48T	P	5.4	PCKECO010
250	30	6.0	4.0	48T	P	5.4	PCKECO020
300	30	5.0	4.0	60T	P	5	PCKECO030
300	30	5.0	4.0	72T	P	5	PCKECO040
300	30	6.0	4.0	60T	P	5	PCKECO050
300	30	6.0	4.0	72T	P	5	PCKECO060
300	30	8.0	6.0	60T	P	5	PCKECO070
350	30	5.0	4.0	80T	P	5	PCKECO080
350	30	6.0	4.0	80T	P	5	PCKECO090

PCD Aluminum Saw Blade

Material

Machine: Panel saw machine, double mitre saw, cross cutting saw, CNC center
Application: Aluminum profiles
Advantage: Positive hook angle design, TP teeth shape, silence line design, smooth cutting surface, long working life
Note: Negative hook angle can be customized



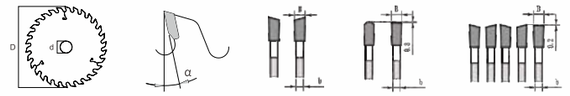
D	d	B	b	Z	TF	PH	α	K5CD	K6CD
420	30	4	3.2	108T	TP		5.4	PCKAK0010	
450	30	4	3.2	120T	TP	2-10-60	6	PCKAK0020	PCKAT0010
450	32	4.2	3.2	120T	TP		5.3	PCKAK0030	
500	25.4	4.4	3.8	120T	TP		6	PCKAK0050	PCKAT0020
500	30	4.4	3.8	120T	TP	2-10-60	6		PCKAT0022
500	32	4.4	3.8	120T	TP	2-11-63	6		PCKAT0034
500	32	4.4	3.8	120T	TP	2-11-63	6.4	PCKAK0054	PCKAT0024
500	80	4.4	3.8	120T	TP	6-6-100	6		PCKAT0026
550	30	4.4	4.0	120T	TP	2-10-60	6.4	PCKAK0090	
550	30	4.4	4.0	120T	TP	2-10-60	6		PCKAT0050
550	30	4.4	4.0	144T	TP	2-10-60	6.4	PCKAK0100	PCKAT0070
600	30	4.8	4.2	144T	TP	2-10-70	5.5	PCKAK0110	PCKAT0090
600	38	4.8	4.2	144T	TP		5.5	PCKAK0120	PCKAT0082

[TCT SAW BLADE]

TCT Universal Saw Blade

Material

Machine: Table saw, panel saw and crosscut saw
Application: Rip & crosscut for solid wood (hard & soft), laminated panels such as particle board, MDF, and plywood, etc.
Feature: New CP technology, alternate top bevel (W), triple chip grind (TP) and BA5 (W+Flat) etc.
Advantage: High-grade carbide-tipped teeth and a precision-ground steel plate ensure excellent cutting performance and long service life



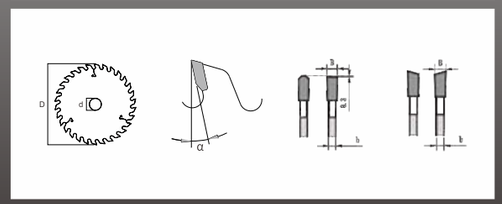
D	d	B	b	Z	TF	PH	α	3000	K5	K5+
180	30	3.2	2.2	40T	W		10.3		TCKUE0010	
180	30	3.2	2.2	60T	W		10.3	TCKUC0030	TCKUE0020	
200	30	3.2	2.2	60T	W		10.5	TCKUC0040	TCKUE0030	
230	25.4	3.2	2.2	60T	W		10.7	TCKUC0050		
230	30	3.2	2.2	60T	W		10.7	TCKUC0051	TCKUE0040	
250	25.4	3	2.2	80T	W	2-10-60	10.8	TCKUC0060		
250	25.4	3.2	2.2	60T	W		10.8	TCKUC0080		
250	25.4	3.2	2.2	80T	W	2-10-60	10.8	TCKUC0090		
250	30	3.2	2.2	40T	W	2-10-60	10.8	TCKUC0070		
250	30	3.2	2.2	60T	W	2-10-60	10.8	TCKUC0081	TCKUE0050	
250	30	3.2	2.2	80T	TP	2-10-60	10.8	TCKUC0091	TCKUE0060	
250	30	3.2	2.2	80T	W	2-10-60	10.8	TCKUC0095	TCKUE0065	
255	25.4	3	2.2	100T	ZYZYP	2-10-60	13.8	TCKUC0100		
255	25.4	3	2.2	120T	ZYZYP	2-10-60	13.8	TCKUC0110		
255	30	3	2.2	100T	ZYZYP	2-10-60	13.8	TCKUC0101		
255	30	3	2.2	120T	ZYZYP	2-10-60	13.8	TCKUC0111		
255	50	4	3.0	80T	W		13.8	TCKUC0120		
300	25.4	3	2.2	60T	W		14.1		TCKUE0070	
300	25.4	3	2.2	80T	W		14.1		TCKUE0080	
300	30	3.2	2.2	24T	W	Ph10	14	TCKUC0130		
300	30	3.2	2.2	48T	W		14	TCKUC0140		
300	30	3.2	2.2	48T	W	Ph10	14		TCKUE0090	
300	30	3.2	2.2	60T	W		12	TCKUC0150		
300	30	3.2	2.2	60T	W	Ph10	12		TCKUE0100	
300	30	3.2	2.2	72T	TP		12		TCKUE0110	
300	30	3.2	2.2	72T	TP(TD)	Ph10	12	TCKUC0160		
300	30	3.2	2.2	72T	TP(YG)	Ph10	12	TCKUC0161		
300	30	3.2	2.2	72T	W		12		TCKUE0115	TCKUF0010
300	30	3.2	2.2	72T	W(TD)	Ph10	12	TCKUC0170		
300	30	3.2	2.2	72T	W(YG)	Ph10	12	TCKUC0171		

D	d	B	b	Z	TF	PH	α	3000	K5	K5+
300	30	3.2	2.2	72T	W		12		TCKUE0116	
300	30	3.2	2.2	80T	TP	Ph10	11	TCKUC0180		
300	30	3.2	2.2	80T	W		11	TCKUC0185		
300	30	3.2	2.2	96T	TP		11		TCKUE0120	TCKUF0020
300	30	3.2	2.2	96T	TP(TD)	Ph10	11	TCKUC0190		
300	30	3.2	2.2	96T	TP(YG)		11	TCKUC0191		
300	30	3.2	2.2	96T	W		11		TCKUE0125	
300	30	3.2	2.2	96T	W(TD)	Ph10	11	TCKUC0200		
300	30	3.2	2.2	96T	W(YG)		11	TCKUC0201		
300	30	3.2	2.2	96T	W		11		TCKUE0126	
300	50	3.2	2.2	96T	TP	2-7-80	11		TCKUE0121	
305	25.4	3	2.2	100T	ZYZYP		14	TCKUC0210		
305	25.4	3	2.2	120T	BA5		14		TCKUE0130	
305	25.4	3	2.2	120T	ZYZYP		14	TCKUC0220		
305	30	3	2.2	100T	ZYZYP		14	TCKUC0211		
305	30	3	2.2	120T	BA5	2-10-60	14		TCKUE0131	
305	30	3	2.2	120T	ZYZYP		14	TCKUC0221		
305	30	3.2	2.2	36T	W		14	TCKUC0230		
350	25.4	3.2	2.2	100T	W		14.1		TCKUE0170	
350	25.4	3.2	2.2	60T	W		14.1		TCKUE0150	
350	25.4	3.2	2.2	80T	W		14.1		TCKUE0160	
350	30	3.5	2.5	108T	TP	2-10-60	11.1	TCKUC0280	TCKUE0210	
350	30	3.5	2.5	108T	W		11.1	TCKUC0285		
350	30	3.5	2.5	108T	W	2-10-60	11.1		TCKUE0215	
350	30	3.5	2.5	40T	W		14.1	TCKUC0240		
350	30	3.5	2.5	60T	W		11.1	TCKUC0250	TCKUE0180	
350	30	3.5	2.5	72T	TP	Ph01	11.1		TCKUE0190	
350	30	3.5	2.5	72T	W	Ph01	11.1	TCKUC0260		
350	30	3.5	2.5	72T	W		11.1		TCKUE0195	
350	30	3.5	2.5	84T	TP	Ph01	11.1	TCKUC0270		
350	30	3.5	2.5	84T	TP		11.1		TCKUE0200	
350	30	3.5	2.5	84T	W		11.1	TCKUC0275	TCKUE0205	
355	30	3.2	2.2	120T	BA5	2-10-60	14.2		TCKUE0220	
355	30	3.5	2.5	120T	ZYZYP	2-10-60	14.2	TCKUC0300		
355	30	3.5	2.5	36T	W		14.2	TCKUC0290		
400	30	4	2.8	120T	ZYZYP		14.2	TCKUC0350		
400	30	4	3.0	40T	W		14.2	TCKUC0310		
400	30	4	3.0	54T	W		14.2	TCKUC0320		
400	30	4	2.8	72T	W		11.2	TCKUC0330		
400	30	4	2.8	96T	W	2-10-60	11.2	TCKUC0340		
450	30	4	3.0	120T	ZYZYP	2-10-60	14.3	TCKUC0390		
450	30	4	3.0	40T	W		14.3	TCKUC0360		
450	30	4	3.0	60T	W	2-10-60	14.3	TCKUC0370		
450	30	4	3.0	84T	W		14.3	TCKUC0380		
500	30	4	3.0	120T	ZYZYP		14.4	TCKUC0430		
500	30	4	3.0	60T	W	2-10-60	14.4	TCKUC0400		
500	30	4	3.0	72T	W		14.4	TCKUC0410		
500	30	4	3.0	96T	W	2-10-60	14.4	TCKUC0420		
600	30	4	3.0	72T	W	2-10-60	14.5	TCKUC0450		

TCT Panel Sizing Saw Blade

Material

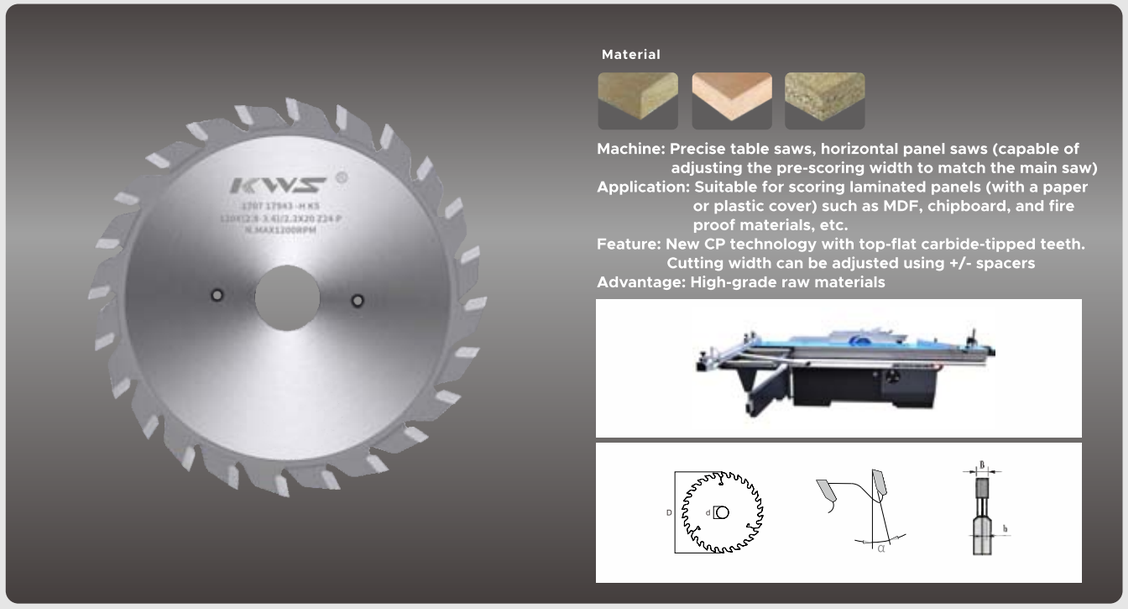
Machine: Panel sizing machines and double milling machines
Application: Used for sizing boards with or without a laminated cover (MDF, chipboard, plywood, etc.)
Feature: New CP technology with triple chip grind(TP) carbide-tipped teeth
Advantage: Optimized tooth profile parameters enhance cutting quality, ensuring wear resistance and stable cutting performance



D	d	B	b	Z	TF	PH	Machines	α	3000	K5	K6
300	80	3.2	2.2	96T	TP	Ph11		11			TCKPG0010
300	80	4	3.0	96T	TP	Ph12	SCM/Sigma 65	11			TCKPG0020
300	80	4.4	3.2	96T	TP	Ph12	SCM/Sigma 65	11			TCKPG0030
350	30	4	3.0	84T	TP	Ph01	Panhans/Scheer	11.1		TCKPE0020	TCKPG0040
350	30	4.4	3.2	72T	TP	Ph01	Panhans/Scheer	11.1		TCKPE0030	
350	30	4.4	3.2	84T	TP	Ph01	Panhans/Scheer	11.1		TCKPE0040	TCKPG0050
350	60	4.4	3.2	84T	TP	Ph02	Holzma	11.1		TCKPE0042	TCKPG0052
350	75	4.4	3.2	84T	TP	Ph03	Giben/KDT	11.1		TCKPE0044	TCKPG0054
350	80	3.5	2.5	84T	TP	Ph13		11.1		TCKPE0010	
355	25.4	3.5	2.5	96T	TP	2-10-60		11.1		TCKPE0060	TCKPG0070
355	30	3.5	2.5	96T	TP	2-10-60	Panhans-SCM	11.2		TCKPE0062	
355	60	3.5	2.5	84T	TP	Ph04		11.1			TCKPG0060
360	65	4.4	3.2	84T	TP	2-9-110	Selco	11.2			TCKPG0080
360	75	4.4	3.2	84T	TP	Ph14		11.2			TCKPG0082
380	60	3.5	2.5	84T	TP	Ph02		14.1		TCKPE0070	
380	60	4.4	3.2	72T	TP	Ph05	Holzma	14.2		TCKPE0080	
380	60	4.4	3.2	84T	TP	Ph05	Holzma	14.2	TCKPC0010	TCKPE0090	TCKPG0090
380	60	4.4	3.2	84T	TP	Ph05	Holzma	14.2			TCKPG0092
380	60	4.4	3.2	84T	W	Ph05	Holzma	14.2		TCKPE0095	
380	60	4.4	3.2	96T	TP	Ph02		14.2			TCKPG0100
380	75	4.4	3.2	84T	TP	Ph15		14.2	TCKPC0012	TCKPE0092	TCKPG0094
400	30	4.4	3.2	84T	TP	Ph16		14.2	TCKPC0020	TCKPE0120	
400	60	4.4	3.2	72T	W	Ph17		14.2		TCKPE0100	
400	60	4.4	3.2	84T	TP	Ph06		14.2	TCKPC0022	TCKPE0130	TCKPG0110
400	60	4.4	3.2	84T	W	Ph17		14.2		TCKPE0140	
400	60	4.4	3.2	96T	TP	Ph06		14.2		TCKPE0150	TCKPG0120
400	75	4.4	3.2	120T	TP	Ph18		14.2			TCKPG0130
400	75	4.4	3.2	84T	TP	Ph18		14.2	TCKPC0024	TCKPE0132	TCKPG0112

D	d	B	b	Z	TF	PH	Machines	α	K5	K6
400	75	4.4	3.2	96T	TP	Ph07	Giben/KDT	14.2		TCKPG0122
400	80	4.4	3.2	72T	TP	Ph19		14.2	TCKPE0115	
400	80	4.4	3.2	84T	TP	Ph19		14.2	TCKPE0134	TCKPG0114
405	80	4.4	3.2	72T	TP	4-16-105		14		TCKPG0140
430	80	4.4	3.2	72T	TP	Ph20		14.3		TCKPG0150
450	60	4.8	3.2	72T	TP	Ph02		14.3		TCKPG0170
450	60	4.8	3.6	84T	TP	Ph08	Holzma	14.3	TCKPE0160	
450	75	4.8	3.6	84T	TP	Ph21		14.3		TCKPG0180
450	80	4.4	3.2	72T	TP	4-16-105		14.3		TCKPG0160
450	80	4.8	3.6	84T	TP	4-16-105		14		TCKPG0182

TCT Adjustable Scoring Saw Blade



Material

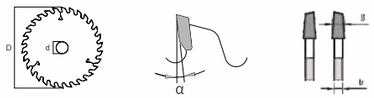
Machine: Precise table saws, horizontal panel saws (capable of adjusting the pre-scoring width to match the main saw)
Application: Suitable for scoring laminated panels (with a paper or plastic cover) such as MDF, chipboard, and fire proof materials, etc.
Feature: New CP technology with top-flat carbide-tipped teeth. Cutting width can be adjusted using +/- spacers
Advantage: High-grade raw materials

D	d	B	b	Z	TF	α	3000	K5	K6
100	20	2.8-3.6	2.2	24T	P	6.9		TCKAE0010	
120	20	2.8-3.6	2.2	24T	P	10.5	TCKAC0010	TCKAE0020	TCKAG0010
120	22	2.8-3.6	2.2	24T	P	10.5	TCKAC0020	TCKAE0021	TCKAG0011

TCT Conical Scoring Saw Blade

Material

Machine: Precise table saws, panel sizing saws, and horizontal panel saws
Application: Suitable for scoring laminated panels (with a paper or plastic cover) and fireproof materials, etc.
Feature: New CP technology with alternate top bevel carbide-tipped teeth. Cutting width can be adjusted by modifying the spindle position
Advantage: Provides excellent cutting performance without chipping. Durable and precise.

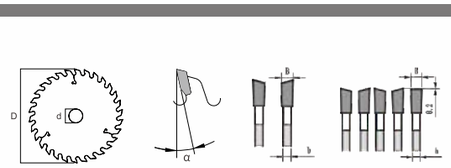


D	d	B	b	Z	TF	PH	Machines	α	3000	K5	K5+
120	20	3.0-4.0	2.2	24T	W(conical)		Schelling	3.5	TCKCC0010	TCKCE0010	TCKCF0010
120	22	3.0-4.0	2.2	24T	W(conical)			3.5	TCKCC0011	TCKCE0011	TCKCF0011
160	25.4	3.4-4.4	2.5	36T	W(conical)			4		TCKCE0030	
160	30	3.4-4.4	2.5	40T	W(conical)			4.1		TCKCE0040	
160	45	4.3-5.3	3.2	40T	W(conical)	3-11-70	Giben	4.1		TCKCE0070	
160	55	3.1-4.1	2.2	40T	W(conical)	Ph22	Cabbiani-SCM	4.1		TCKCE0020	
160	55	3.4-4.4	2.5	40T	W(conical)	Ph22	Cabbiani-SCM	4.1		TCKCE0041	
160	55	3.9-4.9	2.8	40T	W(conical)	Ph22	Cabbiani-SCM	4.1		TCKCE0050	
160	55	4.3-5.3	3.2	36T	W(conical)			4.1		TCKCE0060	
180	25.4	3.4-4.4	2.5	36T	W(conical)			4.3		TCKCE0080	
180	25.4	3.4-4.4	2.5	40T	W(conical)			4.3		TCKCE0090	
180	30	3.4-4.4	2.5	36T	W(conical)			4.3		TCKCE0081	
180	30	3.4-4.4	2.5	40T	W(conical)			4.3		TCKCE0091	
180	30	3.9-4.9	2.8	36T	W(conical)			4.3		TCKCE0100	
180	30	4.3-5.3	3.2	40T	W(conical)	4-16-105		4.3		TCKCE0110	
180	45	4.3-5.3	3.2	40T	W(conical)		Holzma	4.3		TCKCE0111	
180	45	4.7-5.7	3.6	36T	W(conical)		Holzma	4.3		TCKCE0120	
180	45	4.7-5.7	3.6	40T	W(conical)		Holzma	4.3		TCKCE0130	
180	55	4.3-5.3	3.2	40T	W(conical)		Holzma Typ	4		TCKCE0112	
200	45	4.3-5.3	3.2	40T	W(conical)			4.5		TCKCE0140	
200	50	4.3-5.3	3.2	40T	W(conical)	2-7-80	KDT	4.5		TCKCE0141	
200	50	4.7-5.7	3.6	40T	W(conical)		KDT	4.5		TCKCE0150	
200	65	4.3-5.3	3.2	40T	W(conical)			4.5		TCKCE0142	
200	75	4.3-5.3	3.2	40T	W(conical)			4.5		TCKCE0143	
200	80	4.3-5.3	3.2	40T	W(conical)			4.5		TCKCE0144	

TCT Thin-kerf Cutting Saw Blade

Material

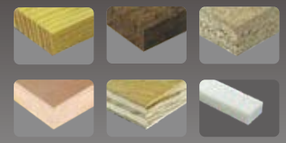
Machine: Single unit cut-off machine, table saw, vertical plane machine
Application: Suitable for cutting ultra thin materials, solid wood, valuable timber, panels, acrylic, plastic and organic etc.
Feature: Alternate top bevel (W) and BA5(ZYZYP) tooth feature
Advantage: Less material loss



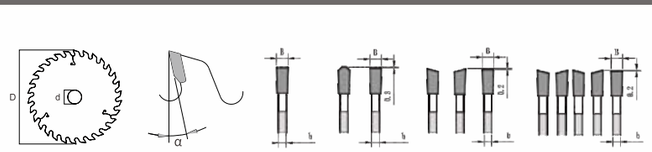
D	d	B	b	Z	TF	PH	α	K5
182	25.4	1.8	1.4	40T	W		16.3	TCKTE0010
182	25.4	1.8	1.4	60T	W		16.3	TCKTE0020
182	25.4	1.8	1.4	80T	W		16.6	TCKTE0030
182	25.4	2.2	1.6	60T	W		16.3	TCKTE0040
205	25.4	2	1.6	60T	W		16.5	TCKTE0050
205	25.4	2	1.6	80T	W		16.5	TCKTE0060
230	25.4	2.2	1.8	60T	W		16.7	TCKTE0070
230	25.4	2.2	1.8	80T	W		16.7	TCKTE0080
230	25.4	2.6	2.0	60T	W		13.7	TCKTE0090
250	25.4	2.2	1.8	100T	W	2-10-60	16.8	TCKTE0120
250	25.4	2.2	1.8	60T	W		16.8	TCKTE0100
250	25.4	2.2	1.8	80T	W		16.8	TCKTE0110
250	25.4	2.8	2.2	60T	W		13.8	TCKTE0130
250	25.4	2.8	2.2	80T	W		13.8	TCKTE0140
255	25.4	2	1.6	100T	BA5		16.8	TCKTE0160
255	25.4	2	1.6	80T	W		16.8	TCKTE0150
255	25.4	2.6	1.8	100T	W		13.8	TCKTE0190
255	25.4	2.6	1.8	120T	W		13.8	TCKTE0200
255	25.4	2.6	1.8	80T	W		10.8	TCKTE0180
255	30	2	1.6	100T	BA5		16.8	TCKTE0161
255	30	2	1.6	120T	BA5	2-10-60	16.9	TCKTE0170
255	30	2	1.6	80T	W	2-10-60	16.8	TCKTE0151
305	30	2.2	1.6	100T	BA5	2-10-60	17	TCKTE0210
305	30	2.2	1.6	120T	BA5		16.9	TCKTE0220
350	30	2.8	2.2	120T	BA5	2-10-60	17	TCKTE0230

TCT Grooving Saw Blade

Material



Machine: Table saw, horizontal panel sizing machine, slotting device, double end milling machine etc.
Application: Rip & cross cut for solid wood and laminated panels with pape or plastic cover eg. Particle board, MDF, plywood and composite materials etc.
Feature: ATB+flat (ZYP), flat (P), triple chip flat (TP) and LRLR+flat (ZYZYP)
Advantage: Better performance on plates with iron, stone and other debris. Smooth cutting without burrs
Note: Single or combination usage



D	d	B	b	Z	TF	PH	α	3000
63	20	1	0.8	12T	P		10.2	TCKGC0010
63	20	1.2	0.8	12T	P		10.2	TCKGC0020
63	20	1.5	1.0	12T	P		11	TCKGC0030
63	20	1.8	1.2	12T	P		10.2	TCKGC0040
63	20	2.0	1.4	12T	P		10.2	TCKGC0050
63	20	2.2	1.4	12T	P		10.2	TCKGC0060
63	20	2.5	2.0	12T	P		10.2	TCKGC0070
63	20	2.8	2.2	12T	P		10.2	TCKGC0080
63	20	3.0	2.2	12T	P		10.2	TCKGC0090
63	20	3.0	2.2	12T	P	3-5/9-30	10.2	TCKGC0091
63	20	3.5	2.5	12T	P		10.2	TCKGC0100
63	20	4.0	2.8	12T	P		10.2	TCKGC0110
63	20	4.0	2.8	12T	P	3-5/9-30	10.2	TCKGC0111
63	20	4.5	3.0	12T	P		10.2	TCKGC0120
63	20	5.0	3.2	12T	P		10.2	TCKGC0130
63	20	5.0	3.2	12T	P	3-5/9-30	10.2	TCKGC0131
63	20	5.5	3.4	12T	P		10.2	TCKGC0140
63	20	6.0	3.6	12T	P		10.2	TCKGC0150
63	20	6.0	3.2	12T	P	3-5/9-30	10.2	TCKGC0151
63	20	7.0	3.8	12T	P		10.2	TCKGC0160
63	20	8.0	4.0	12T	P		10.2	TCKGC0170
80	20	7.0	4.0	12T	ZYP		11.2	TCKGC0270
80	20	8.0	4.0	12T	ZYP		11.2	TCKGC0280
80	20	2.0	1.5	18T	ZYP		11.2	TCKGC0180
80	20	2.5	2.0	18T	ZYP		11.2	TCKGC0190
80	20	3.0	2.0	18T	ZYP		11.2	TCKGC0200
80	20	3.5	2.5	18T	ZYP		11.2	TCKGC0210

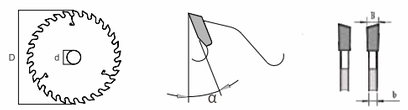
D	d	B	b	Z	TF	α	3000
80	20	3.5	2.5	18T	ZYP	11.2	TCKGC0210
80	20	4	3.0	18T	ZYP	11.2	TCKGC0220
80	20	4.5	3.0	18T	ZYP	11.2	TCKGC0230
80	20	5	3.0	18T	ZYP	11.2	TCKGC0240
80	20	5.5	3.0	18T	ZYP	11.2	TCKGC0250
80	20	6	3.0	18T	ZYP	11.2	TCKGC0260
100	20	2	1.6	24T	ZYP	14.9	TCKGC0290
100	20	3	2.2	24T	ZYP	14.7	TCKGC0300
100	20	4	2.8	24T	ZYP	14.7	TCKGC0310
100	20	5	3.6	24T	ZYP	14.7	TCKGC0320
100	20	5.5	3.6	24T	ZYP	14.7	TCKGC0330
100	20	6	3.2	24T	ZYP	14.7	TCKGC0340
125	20	1.5	1.1	24T	ZYP	15.6	TCKGC0350
125	20	1.8	1.1	24T	ZYP	15.6	TCKGC0360
125	20	2	1.5	24T	ZYP	15.6	TCKGC0370
125	20	2.5	2.0	24T	ZYP	15.6	TCKGC0380
125	20	3	2.2	24T	ZYP	15.6	TCKGC0390
125	20	3.5	2.5	24T	ZYZYP	15.6	TCKGC0400
125	20	4	3.0	24T	ZYZYP	15.6	TCKGC0410
125	20	4.5	3.2	24T	ZYP	15.6	TCKGC0420
125	20	5	3.2	24T	ZYP	15.6	TCKGC0430
125	20	5.5	3.2	24T	ZYP	15.6	TCKGC0440
125	20	6	4.0	24T	ZYP	15.6	TCKGC0460
125	20	7	3.8	20T	ZYP	15.6	TCKGC0470
125	20	8	4.0	20T	ZYP	15.6	TCKGC0480
125	35	2	1.5	24T	ZYP	15.6	TCKGC0371
125	35	2.5	2.0	24T	ZYP	15.6	TCKGC0381
125	35	3	2.2	24T	ZYZYP	15.6	TCKGC0391
125	35	3.5	2.5	24T	ZYZYP	15.6	TCKGC0401
125	35	4	3.0	24T	ZYP	15.6	TCKGC0411
125	35	4.5	3.2	24T	ZYP	15.6	TCKGC0421
125	35	5	3.2	24T	ZYP	15.6	TCKGC0431
125	35	5.5	3.2	24T	ZYP	15.6	TCKGC0441
125	35	5.8	3.2	24T	ZYP	15.6	TCKGC0450
125	35	6	4.0	24T	ZYP	15.6	TCKGC0461
125	35	7	3.6	20T	ZYP	15.6	TCKGC0471
125	35	8	4.0	20T	ZYP	15.6	TCKGC0481
125	35	9	6.0	20T	ZYP	15.6	TCKGC0490
125	35	10	7.0	20T	ZYP	15	TCKGC0500
150	30	3	2.2	36T	ZYP	15.8	TCKGC0510
150	30	4	3.0	36T	ZYP	15.8	TCKGC0520
150	30	4.5	3.0	36T	ZYP	15.8	TCKGC0530
150	30	5	3.0	36T	ZYP	15.8	TCKGC0550
150	30	5.5	3.2	36T	ZYZYP	15.8	TCKGC0590
150	30	6	3.4	36T	ZYZYP	15.8	TCKGC0610
150	30	7	5.0	20T	ZYZYP	15.8	TCNGC0620
150	30	8	5.0	20T	ZYZYP	15.8	TCNGC0630
150	30	10	7.0	20T	ZYZYP	15.8	TCNGC0640
150	35	3	2.2	36T	ZYP	16	TCKGC0511
150	35	4	3.0	36T	ZYP	15.8	TCKGC0521
150	35	5	3.0	18T	ZYP	15.8	TCKGC0540
150	35	5	3.0	36T	ZYP	15.8	TCKGC0551
150	35	5.3	3.2	18T	ZYP	15.8	TCKGC0560
150	35	5.3	3.2	36T	ZYP	15.8	TCKGC0570
150	35	5.5	3.2	18T	ZYP	15.8	TCKGC0580
150	35	5.5	3.2	36T	ZYZYP	15.8	TCKGC0591
150	35	6	3.2	18T	ZYP	15.8	TCKGC0600
150	30	7	5.0	20T	ZYP	15.8	TCKGC0620
150	30	8	5.0	20T	ZYP	15.8	TCKGC0630
150	30	10	7.0	20T	ZYP	15.8	TCKGC0640
150	30	12	7.0	20T	ZYP	15.8	TCKGC0650

D	d	B	b	Z	TF	PH	α	3000	K5
180	30	1.5	1.1	40T	ZYZYP		16.3	TCKGC0660	
180	30	1.8	1.1	40T	ZYZYP		16.3	TCKGC0670	
180	30	2	1.4	40T	ZYZYP		16.1	TCKGC0680	
180	30	2.2	1.5	40T	ZYZYP		16.1	TCKGC0690	
180	30	2.5	2.0	40T	ZYZYP		16.1	TCKGC0700	
180	30	2.8	2.0	40T	ZYZYP		16.3	TCKGC0710	
180	30	3	2.2	40T	ZYZYP		16.3	TCKGC0720	
180	35	3	2.2	40T	ZYZYP		16.3	TCKGC0721	
180	30	3.5	2.5	40T	ZYZYP		16.3	TCKGC0730	
180	35	3.5	2.5	40T	ZYZYP		16.1	TCKGC0731	
180	30	4	3.0	40T	ZYZYP		16.3	TCKGC0740	
180	35	4	3.0	40T	ZYZYP		16.3	TCKGC0741	
180	30	4.5	3.0	40T	ZYZYP		16.1	TCKGC0750	
180	35	4.5	3.0	40T	ZYZYP		16.1	TCKGC0751	
180	25.4	5	3.0	40T	ZYZYP		16.1	TCKGC0760	
180	30	5	3.0	40T	ZYP		16.1	TCKGC0761	
180	35	5	3.0	40T	ZYZYP		16.1	TCKGC0762	
180	25.4	5.5	3.2	40T	ZYZYP		16.1	TCKGC0780	
180	30	5.5	3.2	40T	ZYZYP		16.1	TCKGC0781	
180	35	5.5	3.2	40T	ZYZYP		16.3	TCKGC0782	
180	30	6	3.2	40T	ZYZYP		16.1	TCKGC0790	
180	35	6	3.2	40T	ZYZYP		16.3	TCKGC0791	
200	30	3	2.2	40T	ZYZYP		16.5	TCKGC0800	
200	35	3	2.2	40T	ZYZYP		16.3	TCKGC0801	
200	30	3.5	2.2	40T	ZYZYP		16.5	TCKGC0810	
200	35	3.5	2.2	40T	ZYZYP		16.5	TCKGC0811	
200	30	4	3.0	40T	ZYZYP		16.5	TCKGC0820	
200	35	4	3.0	40T	ZYZYP		16.5	TCKGC0821	
200	30	4.5	3.0	40T	ZYZYP		16.5	TCKGC0830	
200	35	4.5	3.0	40T	ZYZYP		16.5	TCKGC0831	
200	30	5	3.0	40T	ZYZYP		16.5	TCKGC0840	
200	35	5	3.0	40T	ZYZYP		16.5	TCKGC0841	
200	30	5.5	3.2	40T	ZYZYP		16.5	TCKGC0850	
200	35	5.5	3.2	40T	ZYZYP		16.5	TCKGC0851	
200	30	6	3.2	40T	ZYZYP		16.5	TCKGC0860	
200	35	6	3.2	40T	ZYZYP		16.5	TCKGC0861	
250	30	4	3.0	40T	ZYZYP	2-10-60	16.8	TCKGC0900	
250	30	4.5	3.0	40T	ZYZYP	2-10-60	16.8	TCKGC0910	
250	30	5	3.0	40T	ZYZYP	2-10-60	16.8	TCKGC0920	
250	30	5.5	3.0	40T	ZYZYP	2-10-60	16.8	TCKGC0930	
250	30	6	3.6	40T	ZYZYP	2-10-60	16.8	TCKGC0940	
210	25.4	3	2.2	60T	ZYZYP		16.5	TCKGC0880	
250	30	4	3.0	60T	TP		10.8		TCKGE0130
250	30	4.5	3.0	60T	TP		10.8		TCKGE0140
250	30	5	3.0	60T	TP	2-10-60	10.7		TCKGE0150
250	30	5.5	3.6	60T	TP		10.7		TCKGE0160
250	30	6	5.0	60T	TP		10.8		TCKGE0170
300	30	5	3.0	72T	TP		17	TCKGC0960	
300	30	5.5	4.0	72T	TP		17	TCKGC0980	
300	30	4	3.0	96T	TP		17	TCKGC0950	
300	30	5	3.0	96T	TP		17	TCKGC0970	
300	30	5.5	4.0	96T	TP		17	TCKGC0990	

TCT Single-rip Saw Blade

Material

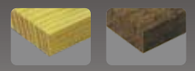
Machine: Edge trimmer and single rip-cut saw machine
Application: Single rip cut for solid wood or edge trimming before assembling
Feature: New CP technology reduces the friction between saw body and workpiece
Advantage: Special tooth shape (ATB with face bevel) enables fine cut



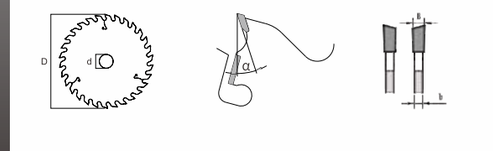
D	d	B	b	Z	TF	PH	α	K6+
305	25.4	4	3.2	48T	W		21	TCKSH0020
305	25.4	4	3.2	48T	W-V		21	TCKSH0022
305	30	3.2	2.5	48T	W		19	TCKSH0011
305	30	4	3.2	48T	W		21	TCKSH0021
305	30	4	3.2	48T	W-V		21	TCKSH0023
355	30	3.5	2.8	54T	W		19.2	TCKSH0030
355	50.8	4	3.0	70T	W	Ph24	15.2	TCKSH0040
355	50.8	5	3.8	70T	W	Ph24	15.2	TCKSH0050
405	50.8	5	3.8	70T	W		15.3	TCKSH0060
455	50.8	5	3.8	70T	W		15.2	TCKSH0070

TCT Multi-rip Saw Blade

Material



Machine: Multi rip cut machines
Application: It is mostly used for wet materials with a moisture content of more than 15%
Feature: Chrome plated surface treatment avoid glue and dust. Raker design decrease the friction
Advantage: Smooth cutting surface, high grade saw body provides stable cutting performance and good heat-resistance

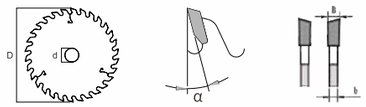


D	d	B	b	Z	TF	KW	α	K5+
150	45	2.2	1.7	24T+3T	W	2*32		TCKMF0010
160	50	2.5	2.0	24T+3T	W	2*50	16.1	TCKMF0020
180	50	2.5	2.0	24T+3T	W	2*50	16.3	TCKMF0030
205	50	2.5	2.0	30T+3T	W	2*50	16.5	TCKMF0040
230	40	2.2	1.7	30T+3T	W	2*72	16.7	TCKMF0050
230	40	2.5	2.0	30T+3T	W	2*50	16.7	TCKMF0060
230	45	2.2	1.7	30T+3T	W	2*32	16.7	TCKMF0051
230	50	2.5	2.0	30T+3T	W	2*50	16.7	TCKMF0061
255	50	2.5	2.0	30T+4T	W	2*50	16.8	TCKMF0070
305	50	3.0	2.4	36T+4T	W	2*50	17	TCKMF0080
305	70	3.0	2.4	36T+4T	W	2*147	17	TCKMF0081
355	60	3.2	2.5	36T+4T	W	2*98	17.1	TCKMF0090
405	60	3.4	2.7	36T+6T	W	2*72	17.3	TCKMF0100

TCT Edge Banding Saw Blade

Material

Machine: Automatic edge bander, straight or bent edge banding machine
Application: Suitable for all panels or solid wood banding
Feature: Alternate top bevel (W) and ATB+flat (ZYP) tooth
Advantage: Large hook angle design with super sharpness, high cutting quality

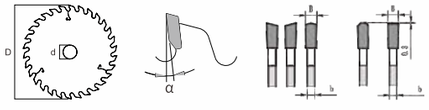


D	d	B	b	Z	TF	α	K5
104	22	3.0	2.0	30	W	9.1	TCKBE0012
115	22	3.0	2.2	22	W	12.3	TCKBE0030

TCT Track Saw Blade

Material

Machine: Festool track saw or other sawing equipment with sliding track, optimal spindle speed 3800-5200 RPM
Application: Hard wood, chipboard, plywood, MDF, etc.
Feature: The TP tooth design is selected for anti collapse

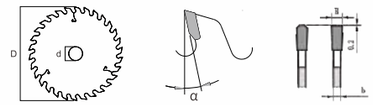


D	d	B	b	Z	TF	α	K5
160	20	1.8	1.2	42	WA	10	TCKKE0010
160	20	1.8	1.2	52	TP	-5	TCKKE0020

TCT Aluminum Saw Blade

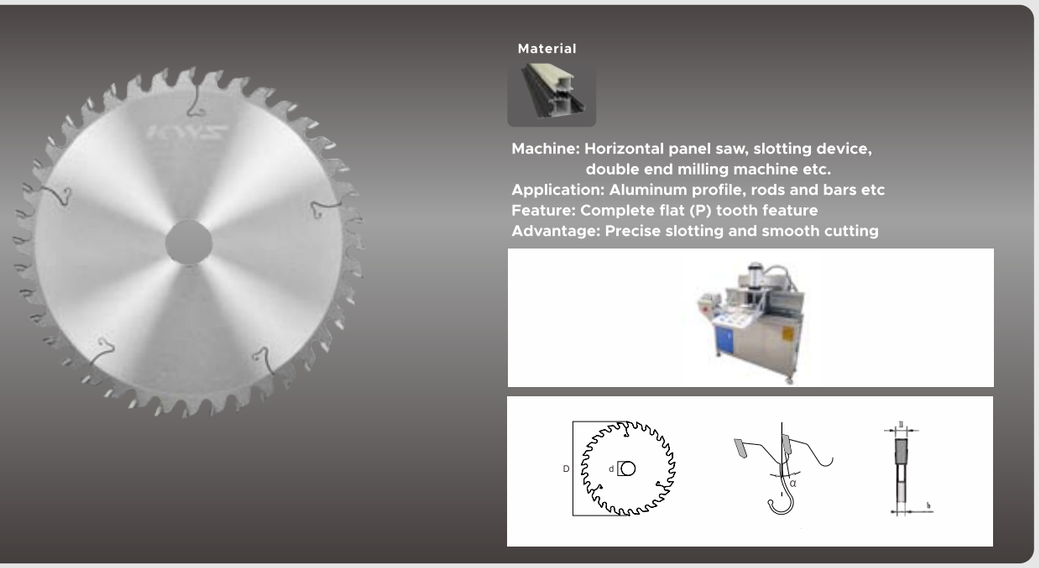
Material

Machine: Auto panel saw, double mitre saw, portable saw and other CNC machines etc.
Application: Suitable for cutting aluminum, reinforced plastic and non-ferrous metal etc.
Feature: Small or negative hook angle with triple chip flat (TP) tooth, low noise line applied
Advantage: Silence slot effectively reduce the noise. TP tooth design brings smooth cutting surface and free of burrs. Long service life



D	d	B	b	Z	TF	PH	α	3000	K5	K6+
255	25.4	2.8	2.2	100T	TP		9	TCKLC0010		TCKLH0010
255	25.4	2.8	2.2	100T	TP		5			TCKLH0011
255	25.4	2.8	2.2	120T	TP	2-10.5-60	9	TCKLC0020		TCKLH0020
255	25.4	2.8	2.2	120T	TP		5			TCKLH0021
255	30	2.8	2.2	100T	TP		9	TCKLC0011		TCKLH0012
255	30	2.8	2.2	120T	TP	2-10-60	9	TCKLC0021		TCKLH0022
255	30	2.8	2.2	120T	TP		5			TCKLH0023
305	25.4	3	2.4	120T	TP	2-10-60	9	TCKLC0030		TCKLH0040
305	25.4	3	2.4	120T	TP		5			TCKLH0041
305	25.4	3	2.4	130T	TP		5	TCKLC0040		
305	30	3	2.4	100T	TP		9			TCKLH0030
305	30	3	2.4	120T	TP	2-10-60	9	TCKLC0031		TCKLH0042
305	30	3	2.4	120T	TP		5			TCKLH0043
355	25.4	3.2	2.5	120T	TP	2-10-60	5.2		TCKLE0030	TCKLH0050
355	30	3.2	2.5	120T	TP	2-10-60	5.2		TCKLE0040	TCKLH0052
400	25.4	3.2	2.5	120T	TP	2-10-60	9.2			TCKLH0060
400	30	3.8	3.2	120T	TP		10.2			TCKLH0070
405	25.4	3.2	2.5	120T	TP		10.2		TCKLE0050	TCKLH0080
405	25.4	3.2	2.5	120T	TP		5			TCKLH0082
405	25.4	3.5	2.8	120T	TP	2-10-60	10.2		TCKLE0060	
405	25.4	3.5	2.8	120T	TP		10.2			TCKLH0090
405	30	3.5	2.8	120T	TP		10.2		TCKLE0062	TCKLH0092
405	30	3.8	3.2	120T	TP		10.2		TCKLE0070	TCKLH0100
450	30	4	3.4	120T	TP		10.3		TCKLE0080	TCKLH0110
500	30	4.4	3.8	120T	TP		10.4		TCKLE0090	TCKLH0120
500	32	4.4	3.8	120T	TP	2-11-63	10.4			TCKLH0130
500	80	4.4	3.8	120T	TP		9.4			TCKLH0132
550	30	4.6	4.0	120T	TP	2-10-60	10.5			TCKLH0150
550	30	4.6	4.0	144T	TP	2-10-60	10.5			TCKLH0160
550	32	4.6	4.0	120T	TP	2-10-60	9.5			TCKLH0152
600	30	4.8	4.2	144T	TP		10.5			TCKLH0170
600	38	4.8	4.2	144T	TP		9.5			TCKLH0172

TCT Aluminum Grooving Saw Blade



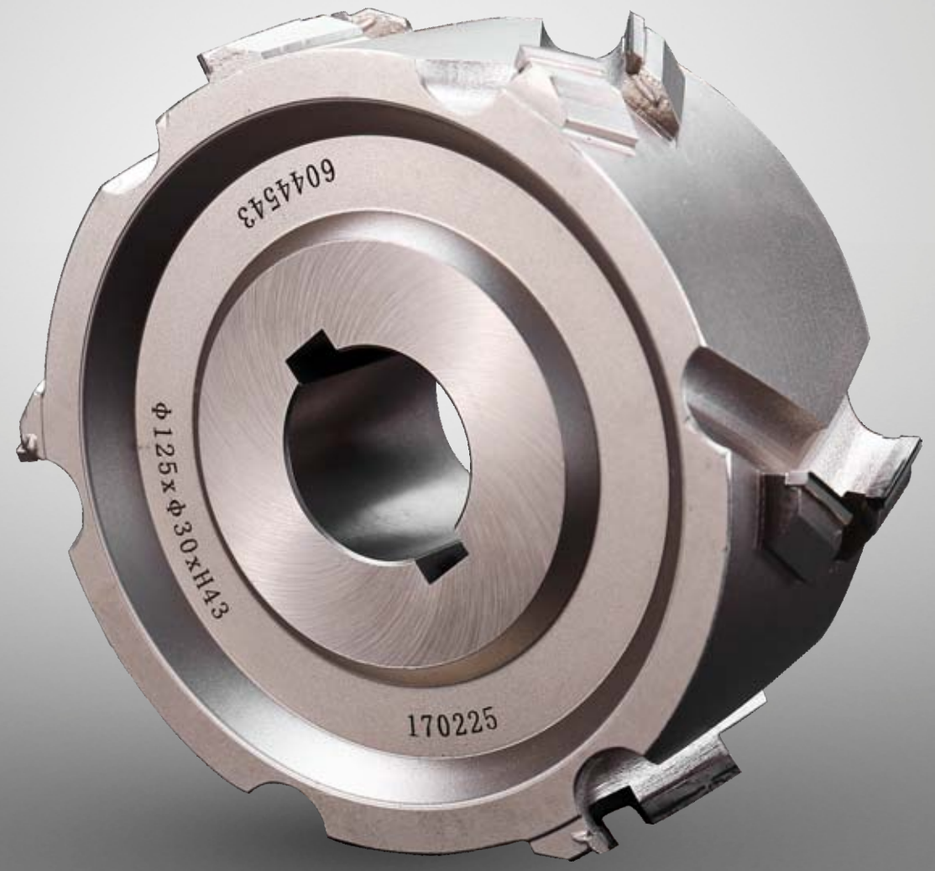
Material

Machine: Horizontal panel saw, slotting device, double end milling machine etc.
Application: Aluminum profile, rods and bars etc
Feature: Complete flat (P) tooth feature
Advantage: Precise slotting and smooth cutting

D	d	B	b	Z	TF	α	K5
160	32	5	3.8	30T	P	8	TCKEE0010
160	32	6	3.8	30T	P	8	TCKEE0020
160	32	6.5	3.8	30T	P	8	TCKEE0030
160	32	8	6.0	30T	P	8	TCKEE0040
160	32	10	8.0	30T	P	8	TCKEE0050
160	32	12	9.0	30T	P	8	TCKEE0060
200	32	5	3.8	36T	P	8.4	TCKEE0070
200	32	6	3.8	36T	P	8.4	TCKEE0080
200	32	6.5	3.8	36T	P	8.4	TCKEE0090
200	32	8	6.0	36T	P	8.4	TCKEE0100
200	32	10	8.0	36T	P	8.4	TCKEE0110
200	32	12	9.0	36T	P	8.4	TCKEE0120
250	32	3.5	2.5	40T	P	8.8	TCKEE0130
250	32	5	3.8	40T	P	8.8	TCKEE0140
250	32	6	5.0	40T	P	8.8	TCKEE0150
250	32	6.5	5.0	40T	P	8.8	TCKEE0160
250	32	8	6.0	40T	P	8.8	TCKEE0170
250	32	8.5	6.0	40T	P	8.8	TCKEE0180
250	32	10	6.0	40T	P	8.7	TCKEE0190
250	32	13	9.0	40T	P	8.8	TCKEE0200

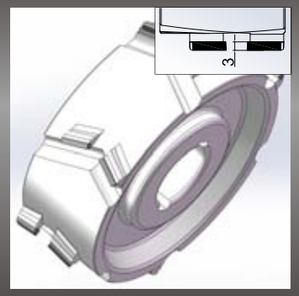
PCD PRE-MILLING CUTTER

Innovative overlay cutting

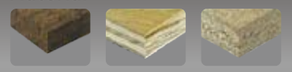


[PCD PRE-MILLING CUTTER]

PCD pre-milling cutter 25°-H3



Material



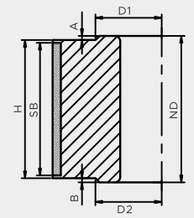
Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
1	60	20	48	3	(1+5)*3	DKN	25°	C3	DCN0AB021	DCN0AB020	
2	60	20	56	3	(1+6)*2	DKN	25°	C1	DCN0AB023	DCN0AB022	
3	60	25	50	3	(1+3)*3	DKN	25°	A2	DCN0AB025	DCN0AB024	
4	70	20	50	3	(1+3)*3	KN	25°	B1	DCN0AB041	DCN0AB040	
5	70	20	50	3	(1+4)*3	KN	25°	B1	DCN0AB047	DCN0AB046	
6	70	20	50	3	(1+4)*3	DKN	25°	B1	DCN0AB049	DCN0AB048	
7	80	20	35	3	(1+2)*3	DKN	25°	B1	DCN0AB071	DCN0AB070	
8	80	20	50	3	(1+4)*3	DKN	25°	B2	DCN0AB073	DCN0AB072	
9	80	30	48	3	(1+5)*3	DKN	25°	B1	DCN0AB077	DCN0AB076	
10	80	30	56	3	(1+6)*2	KN	25°	A1	DCN0AB079	DCN0AB078	
11	80	30	65	3	(1+5)*3	DKN	25°	B1	DCN0AB085	DCN0AB084	
12	100	20	48	3	(1+4)*3	DKN	25°	C1	DCN0AB099	DCN0AB098	
13	100	30	48	3	(1+4)*3	KN	25°	C1	DCN0AB101	DCN0AB100	Y
14	100	30	48	3	(1+4)*3	DKN	25°	C1	DCN0AB114	DCN0AB113	Y
15	100	30	65	3	(1+4)*3	DKN	25°	C1	DCN0AB131	DCN0AB130	Y
16	100	30	65	3	(1+7)*3	DKN	25°	C1	DCN0AB133	DCN0AB132	
17	100	30	65	3	(1+4)*5	DKN	25°	C1	DCN0AB135	DCN0AB134	
18	125	30	25	3	(1+1)*3	DKN	25°	D2	DCN0AB138	DCN0AB138	
19	125	30	35	3	(1+1)*3	KN	25°	D2	DCN0AB171	DCN0AB171	Y
20	125	30	35	3	(1+1)*3	DKN	25°	D2	DCN0AB176	DCN0AB176	Y
21	125	30	35	3	(2+2)*3	KN	25°	D2	DCN0AB140	DCN0AB140	Y
22	125	30	35	3	(2+2)*3	DKN	25°	D2	DCN0AB141	DCN0AB141	Y
23	125	30	43	3	(1+2)*3	KN	25°	D2	DCN0AB251	DCN0AB250	Y
24	125	30	43	3	(1+2)*3	DKN	25°	D2	DCN0AB261	DCN0AB260	Y
25	125	30	43	3	(2+2)*3	KN	25°	D2	DCN0AB271	DCN0AB271	Y
26	125	30	43	3	(2+2)*3	DKN	25°	D2	DCN0AB272	DCN0AB272	Y
27	125	30	50	3	(1+3)*3	DKN	25°	D2	DCN0AB291	DCN0AB290	Y
28	125	30	65	3	(1+4)*3	KN	25°	D2	DCN0AB321	DCN0AB320	Y
29	125	30	65	3	(1+4)*3	DKN	25°	D2	DCN0AB331	DCN0AB330	Y
30	125	30	65	3	(1+5)*3	KN	25°	D2	DCN0AB341	DCN0AB340	Y
31	125	30	65	3	(1+5)*3	DKN	25°	D2	DCN0AB361	DCN0AB360	Y
32	150	30	35	3	(1+1)*4	KN	25°	D2	DCN0AB390	DCN0AB390	Y
33	150	30	35	3	(1+1)*4	DKN	25°	D2	DCN0AB391	DCN0AB391	Y
34	150	30	43	3	(1+2)*4	KN	25°	D2	DCN0AB399	DCN0AB398	
35	150	30	43	3	(1+2)*4	DKN	25°	D2	DCN0AB401	DCN0AB400	Y
36	150	30	43	3	(2+2)*4	KN	25°	D2	DCN0AB405	DCN0AB405	
37	150	30	65	3	(1+4)*3	KN	25°	D2	DCN0AB422	DCN0AB423	Y
38	150	30	65	3	(1+4)*3	DKN	25°	D2	DCN0AB431	DCN0AB430	Y
39	150	30	65	3	(1+5)*3	KN	25°	D2	DCN0AB441	DCN0AB440	Y
40	150	30	65	3	(1+5)*3	DKN	25°	D2	DCN0AB451	DCN0AB450	Y

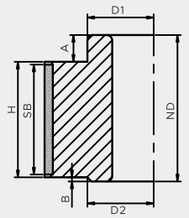
PCD pre-milling cutter 25°-H3

Body Diagram

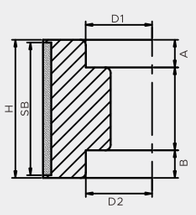
A1



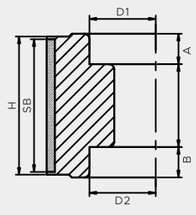
A2



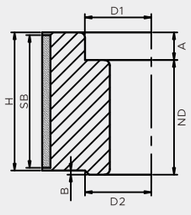
B1



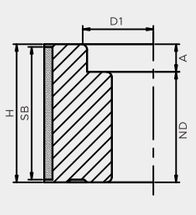
B2



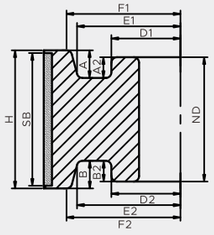
C1



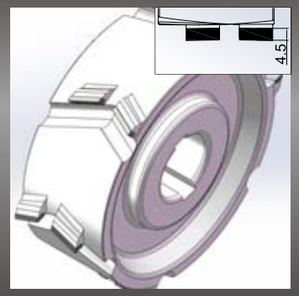
C3



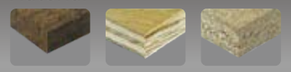
D2



PCD pre-milling cutter 25°-H4.5



Material

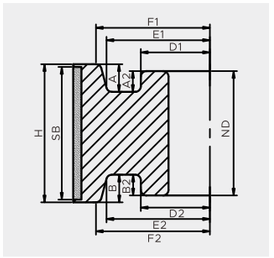


Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

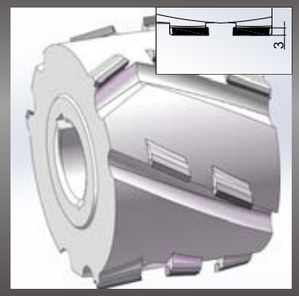
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	125	30	43	4.5	(2+2)*3	DKN	25°	D2	DCN0AF196	DCN0AF196	Y
02	125	30	65	4.5	(1+5)*3	DKN	25°	D2	DCN0AF361	DCN0AF360	Y
03	150	30	60	4.5	(1+4)*4	KN	25°	D2	DCN0AF449	DCN0AF448	
04	150	30	65	4.5	(1+5)*3	DKN	25°	D2	DCN0AF451	DCN0AF450	Y
05	150	30	75	4.5	(1+5)*5	DKN	25°	D2	DCN0AF461	DCN0AF460	

Body Diagram

D2



PCD pre-milling cutter 30°-H3



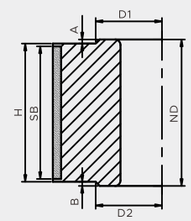
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

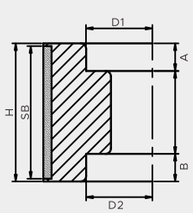
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	60	25	49	3	(1+4)*2	DKN	30°	C4	DCN0AB461	DCN0AB460
02	70	25	48	3	(1+4)*2	DKN	30°	C4	DCN0AB467	DCN0AB466
03	80	20	48	3	(1+5)*3	DKN	30°	C1	DCN0AB471	DCN0AB470
04	80	20	55	3	(1+3)*3	DKN	30°	B1	DCN0AB473	DCN0AB472
05	80	20	65	3	(1+4)*3	DKN	30°	B2	DCN0AB475	DCN0AB474
06	80	25	49	3	(1+4)*2	DKN	30°	C4	DCN0AB481	DCN0AB480
07	80	25	49	3	(1+5)*2	DKN	30°	C4	DCN0AB483	DCN0AB482
08	80	30	48	3	(1+5)*3	DKN	30°	D2	DCN0AB487	DCN0AB486
09	100	30	65	3	(1+4)*3	DKN	30°	A1	DCN0AB501	DCN0AB500
10	125	30	40	3	(1+2)*3	KN	30°	D2	DCN0AB521	DCN0AB520
11	125	30	46	3	(1+4)*3	DKN	30°	C1	DCN0AB527	DCN0AB526
12	125	30	48	3	(1+4)*3	KN	30°	D2	DCN0AB529	DCN0AB528
13	125	30	90	3	(1+7)*4	KN	30°	D2	DCN0AB531	DCN0AB530

Body Diagram

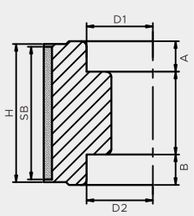
A1



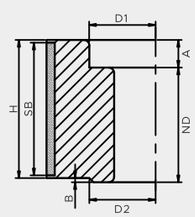
B1



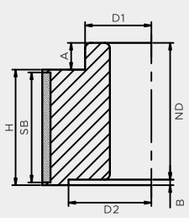
B2



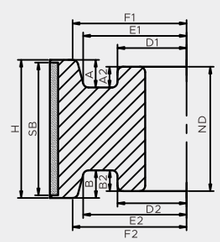
C1



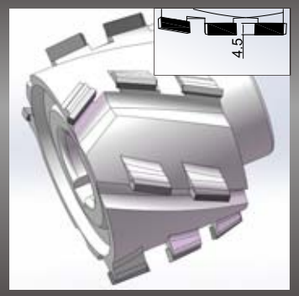
C4



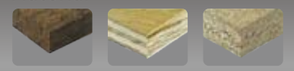
D2



PCD pre-milling cutter 30°-H4.5



Material

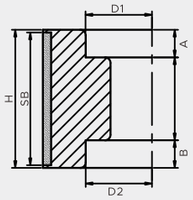


Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

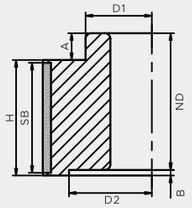
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	60	25	48	4.5	(1+4)*2	DKN	30°	C4	DCN0AF501	DCN0AF500
02	60	25	65	4.5	(1+5)*2	DKN	30°	B1	DCN0AF503	DCN0AF502
03	80	25	48	4.5	(1+4)*2	DKN	30°	C4	DCN0AF511	DCN0AF510
04	80	25	48	4.5	(1+4)*3	DKN	30°	C4	DCN0AF513	DCN0AF512
05	150	30	65	4.5	(1+5)*4	KN	30°	D2	DCN0AF591	DCN0AF590

Body Diagram

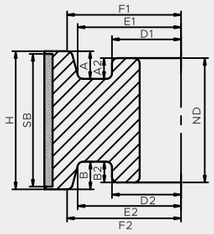
B1



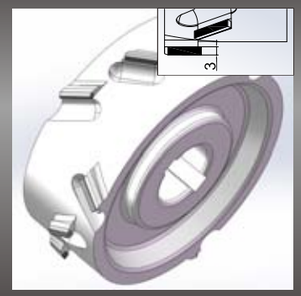
C4



D2



PCD pre-milling cutter 35°-H3



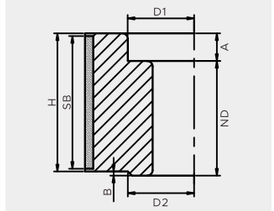
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

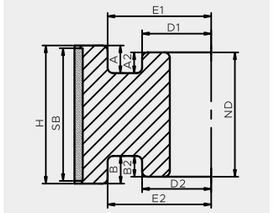
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	100	30	43	3	(1+3)*3	KN	35°	D1	DCN0AB611	DCN0AB610	
02	100	30	48	3	(1+4)*3	DKN	35°	C1	DCN0AB621	DCN0AB620	
03	125	30	43	3	(1+3)*3	KN	35°	D2	DCN0AB649	DCN0AB648	
04	125	30	43	3	(1+3)*3	DKN	35°	D2	DCN0AB652	DCN0AB650	Y
05	125	30	55	3	(1+4)*3	DKN	35°	D2	DCN0AB662	DCN0AB660	Y
06	125	30	63	3	(3+3)*3	DKN	35°	D2	DCN0AB669	DCN0AB669	
07	125	30	65	3	(1+5)*3	DKN	35°	D2	DCN0AB671	DCN0AB670	Y

Body Diagram

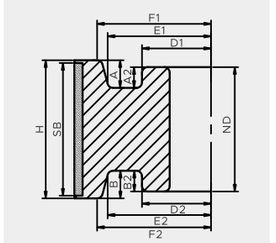
C1



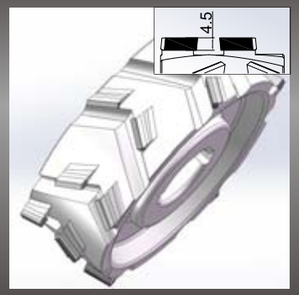
D1



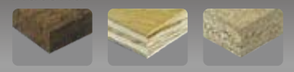
D2



PCD pre-milling cutter 35°-H4.5



Material

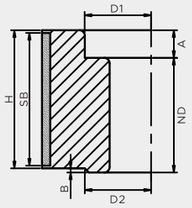


Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

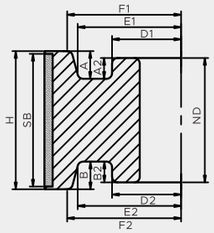
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	100	30	48	4.5	(1+5)*5	DKN	35°	C1	DCN0AF601	DCN0AF600
02	125	30	43	4.5	(2+2)*5	DKN	35°	D2	DCN0AF630	DCN0AF630
03	125	30	65	4.5	(1+5)*3	DKN	35°	D2	DCN0AF651	DCN0AF650

Body Diagram

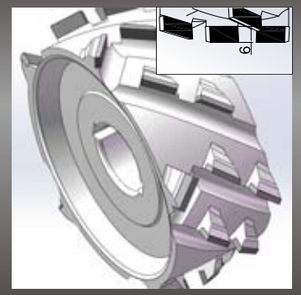
C1



D2



PCD pre-milling cutter 35°-H6



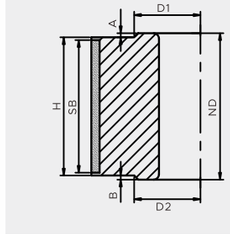
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

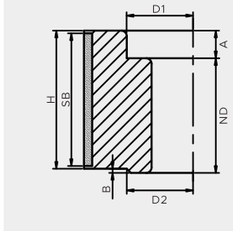
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	110	32	35	6	(1+1)*3		35°	A1	DCN0AF606	DCN0AF606
02	110	32	53	6	(1+2)*3	KN	35°	C1	DCN0AF609	DCN0AF608
03	125	30	40	6	(1+2)*3	DKN	35°	C1	DCN0AF629	DCN0AF628

Body Diagram

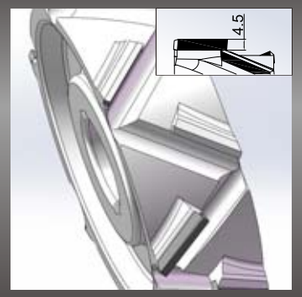
A1



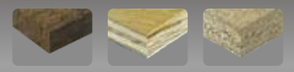
C1



PCD pre-milling cutter 40°-H4.5



Material



Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

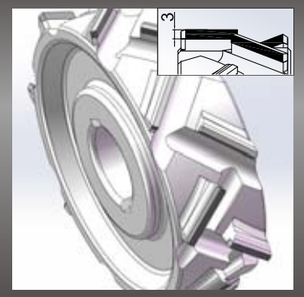
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	80	20	56	4.5	(3+3)*3	DKN	40°	B1	DCN0AF750	DCN0AF750
02	125	30	34	4.5	(1+1)*6	DKN	40°	D2	DCN0AF760	DCN0AF760
03	125	30	65	4.5	(1+5)*5	DKN	40°	D2	DCN0AF771	DCN0AF770

Body Diagram

B1

D2

PCD pre-milling cutter 45°-H3



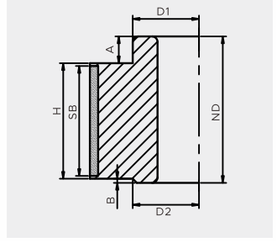
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

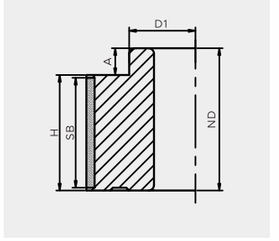
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	80	25	47	3	(1+4)*3	DKN	45°	A4	DCN0AB801	DCN0AB800	
02	80	25	65	3	(1+6)*3	DKN	45°	D1	DCN0AB805	DCN0AB804	
03	80	30	65	3	(4+4)*3	DKN	45°	B2	DCN0AB809	DCN0AB809	
04	80	30	65	3	(4+4)*3	DKN	45°	B1	DCN0AB808	DCN0AB808	
05	100	30	35	3	(1+2)*4	DKN	45°	A2	DCN0AB811	DCN0AB810	
06	100	30	48	3	(1+2)*5	DKN	45°	D1	DCN0AB821	DCN0AB820	Y
07	125	30	35	3	(1+1)*8	DKN	45°	D2	DCN0AB828	DCN0AB828	
08	125	30	43	3	(1+1)*8	DKN	45°	D2	DCN0AB835	DCN0AB835	
09	135	30	43	3	(2+2)*4	DKN	45°	D2	DCN0AB840	DCN0AB840	

Body Diagram

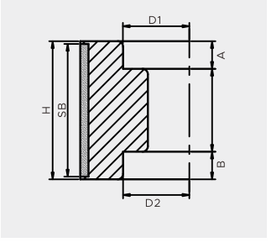
A2



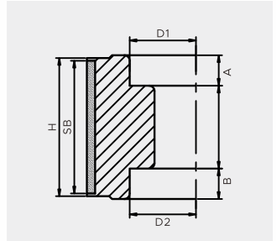
A4



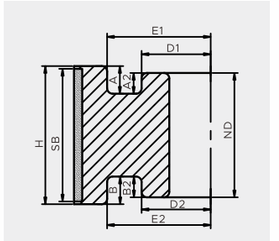
B1



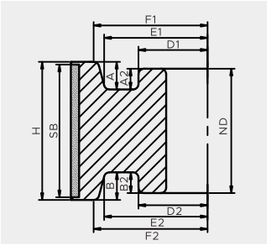
B2



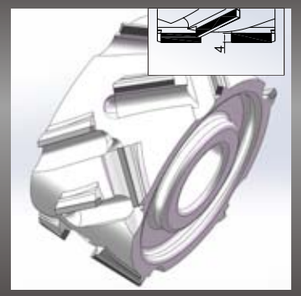
D1



D2



PCD pre-milling cutter 45°-H4



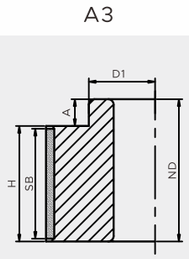
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

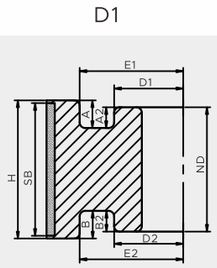
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	60	25	47	4	(1+4)*3	DKN	45°	A3	DCN0AB791	DCN0AB790
02	70	25	47	4	(1+4)*3	DKN	45°	A3	DCN0AB797	DCN0AB796
03	100	30	48	4	(1+2)*5	DKN	45°	D1	DCN0AB819	DCN0AB818

Body Diagram

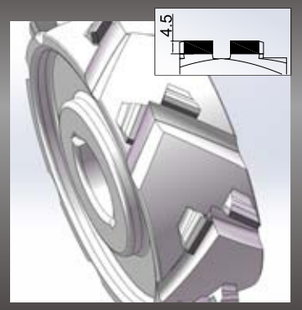
A3



D1



PCD pre-milling cutter 45°-H4.5



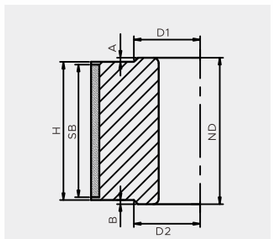
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

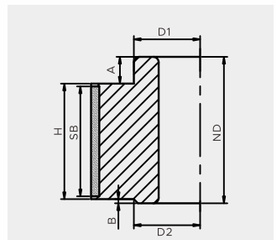
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	80	25	48	4.5	(1+5)*3	DKN	45°	A2	DCN0AF781	DCN0AF780	
02	80	30	42	4.5	(3+3)*3	DKN	45°	A1	DCN0AF782	DCN0AF782	
03	80	30	45	4.5	(3+3)*3	DKN	45°	A1	DCN0AF783	DCN0AF783	
04	80	30	64	4.5	(4+4)*3	DKN	45°	B1	DCN0AF784	DCN0AF784	
05	100	30	35	4.5	(2+2)*4	DKN	45°	D1	DCN0AF785	DCN0AF785	
06	100	30	43.6	4.5	(1+4)*3	DKN	45°	C1	DCN0AF787	DCN0AF786	
07	100	30	64	4.5	(1+7)*3	DKN	45°	C1	DCN0AF789	DCN0AF788	
08	125	30	18	4.5	(1+1)*8	DKN	45°	A1	DCN0AF826	DCN0AF826	
09	125	30	34	4.5	(2+2)*3	DKN	45°	D1	DCN0AF827	DCN0AF827	
10	125	30	35	4.5	(2+2)*4	DKN	45°	D2	DCN0AF829	DCN0AF829	Y
11	125	30	35	4.5	(1+1)*8	DKN	45°	D2	DCN0AF828	DCN0AF828	
12	125	30	43	4.5	(1+4)*3	DKN	45°	D2	DCN0AF833	DCN0AF832	
13	125	30	43	4.5	(2+2)*4	DKN	45°	D2	DCN0AF836	DCN0AF836	
14	125	30	43	4.5	(1+4)*4	DKN	45°	D2	DCN0AF840	DCN0AF841	Y

Body Diagram

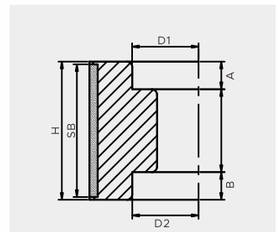
A1



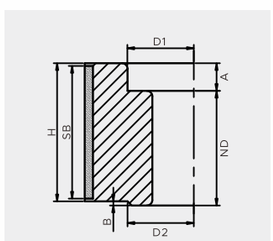
A2



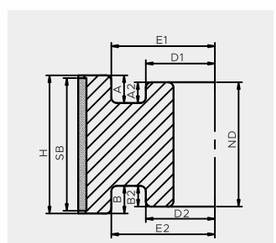
B1



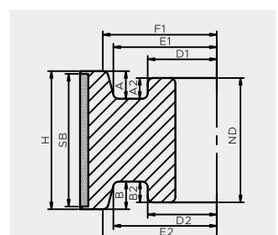
C1



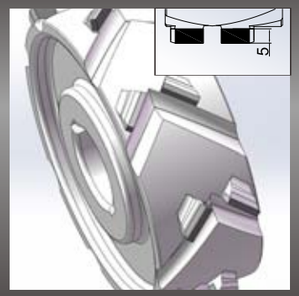
D1



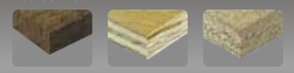
D2



PCD pre-milling cutter 45°-H5



Material



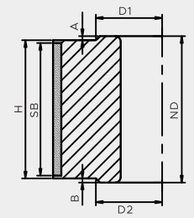
Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	80	25	65	5	(4+4)*3	DKN	45°	D1	DCN0AF860	DCN0AF860
02	80	30	45	5	(4+4)*5	DKN	45°	A1	DCN0AF861	DCN0AF861
03	80	30	65	5	(4+4)*3	DKN	45°	B2	DCN0AF862	DCN0AF862
04	80	30	65	5	(1+8)*4	DKN	45°	B1	DCN0AF865	DCN0AF864
05	80	30	65	5	(4+4)*5	DKN	45°	B1	DCN0AF868	DCN0AF868
06	100	30	30	5	(1+4)*5	DKN	45°	D2	DCN0AF873	DCN0AF872
07	100	30	43	5	(1+4)*4	DKN	45°	D1	DCN0AF875	DCN0AF874
08	100	30	43	5	(3+3)*4	DKN	45°	D1	DCN0AF876	DCN0AF876
09	100	30	45	5	(4+4)*5	DKN	45°	D2	DCN0AF877	DCN0AF877
10	100	30	65	5	(1+6)*3	DKN	45°	C1	DCN0AF879	DCN0AF878
11	100	30	65	5	(1+8)*4	DKN	45°	B1	DCN0AF881	DCN0AF880
12	100	30	65	5	(2+10)*4	DKN	45°	C3	DCN0AF885	DCN0AF884
13	125	30	34	5	(2+2)*4	DKN	45°	D1	DCN0AF890	DCN0AF890
14	125	30	43	5	(3+3)*4	DKN	45°	D1	DCN0AF891	DCN0AF891
15	150	30	34	5	(2+2)*4	DKN	45°	D2	DCN0AF895	DCN0AF895
16	150	30	43	5	(1+4)*5	DKN	45°	D2	DCN0AF897	DCN0AF896
17	150	30	43	5	(3+3)*4	DKN	45°	D2	DCN0AF899	DCN0AF899

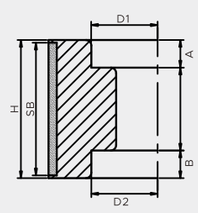
PCD pre-milling cutter 45°-H5

Body Diagram

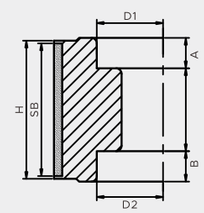
A1



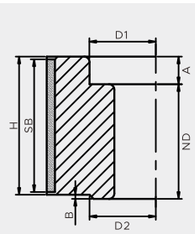
B1



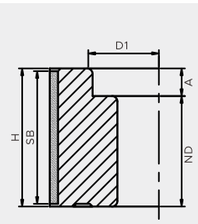
B2



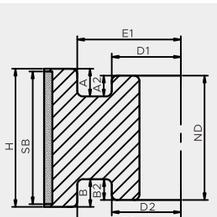
C1



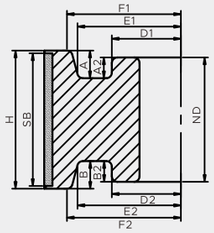
C3



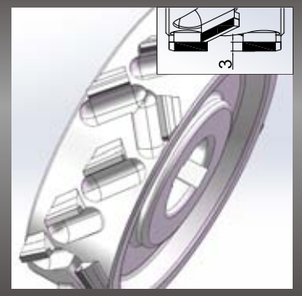
D1



D2



PCD pre-milling cutter 50°-H3



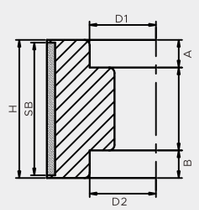
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

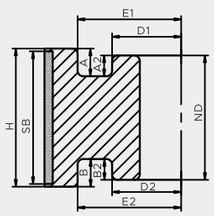
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	80	30	46	3	(3+3)*3	DKN	50°	B1	DCN0AB900	DCN0AB900	
02	80	30	55	3	(4+4)*3	DKN	50°	B1	DCN0AB901	DCN0AB901	
03	80	30	65	3	(4+4)*3	DKN	50°	B1	DCN0AB902	DCN0AB902	
04	100	30	48	3	(2+5)*3	DKN	50°	D1	DCN0AB911	DCN0AB910	Y
05	125	30	30	3	(1+2)*3	DKN	50°	D2	DCN0AB913	DCN0AB912	
06	125	30	35	3	(1+3)*5	DKN	50°	D2	DCN0AB918	DCN0AB915	Y
07	125	30	43	3	(1+4)*4	DKN	50°	D2	DCN0AB921	DCN0AB920	Y
08	125	30	43	3	(3+3)*5	DKN	50°	D2	DCN0AB931	DCN0AB931	Y
09	125	30	50	3	(1+4)*4	DKN	50°	D2	DCN0AB935	DCN0AB934	
10	125	30	55	3	(1+6)*3	DKN	50°	D2	DCN0AB937	DCN0AB936	
11	125	30	65	3	(1+7)*5	DKN	50°	D2	DCN0AB939	DCN0AB938	

Body Diagram

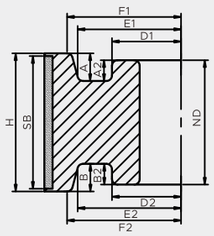
B1



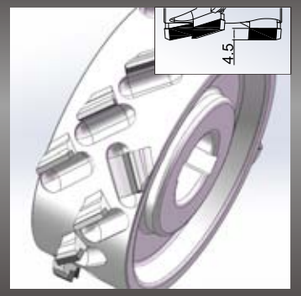
D1



D2



PCD pre-milling cutter 50°-H4.5



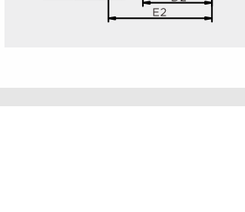
Material

Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

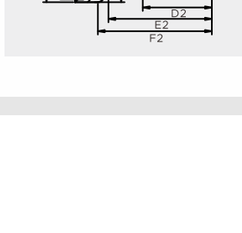
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L	STOCK
01	100	30	35	4.5	(1+4)*4	DKN	50°	D1	DCN0AF911	DCN0AF910	
02	100	30	48	4.5	(1+5)*3	DKN	50°	D1	DCN0AF913	DCN0AF912	
03	125	30	40	4.5	(1+4)*4	DKN	50°	D2	DCN0AF921	DCN0AF920	
04	125	30	43	4.5	(3+3)*5	DKN	50°	D2	DCN0AF933	DCN0AF933	Y

Body Diagram

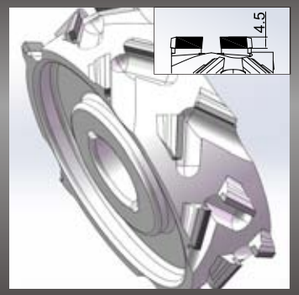
D1



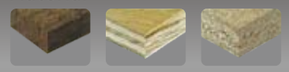
D2



PCD pre-milling cutter 55°-H4.5



Material

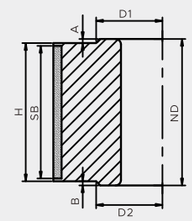


Equipment: Fully automatic edge banding machine
Application: Milling and flattening on fiberboard, particleboard, multi-layer board,etc.
Design: Up-cut and Down-cut oblique blade design can prevent board edge chipping and burring
Advantages: Fine finishing pre-milling

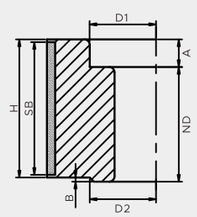
NO.	OD	ID	ND	H	Z	KW	Angle	Model	R	L
01	100	30	43.6	4.5	(1+5)*4	DKN	55°	C1	DCN0AF951	DCN0AF950
02	100	30	48	4.5	(1+5)*4	DKN	55°	C3	DCN0AF953	DCN0AF952
03	100	30	64	4.5	(1+7)*4	DKN	55°	C1	DCN0AF955	DCN0AF954
04	125	30	34	4.5	(2+2)*5	DKN	55°	D1	DCN0AF960	DCN0AF960
05	125	30	43	4.5	(1+4)*5	DKN	55°	A1	DCN0AF963	DCN0AF962
06	125	30	43	4.5	(1+4)*5	DKN	55°	D2	DCN0AF965	DCN0AF964
07	125	30	45	4.5	(1+5)*5	DKN	55°	D2	DCN0AF967	DCN0AF966
08	125	30	64	4.5	(1+8)*5	DKN	55°	C1	DCN0AF969	DCN0AF968

Body Diagram

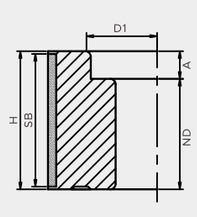
A1



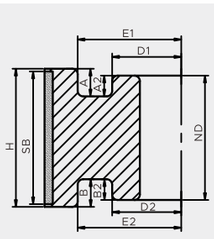
C1



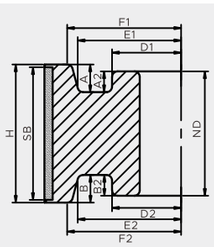
C3



D1



D2



[PCD Router Bit]

PCD Nesting Bits

Machine: Milling machine, machining centre, CNC centre
Application: Chipboard, MDF, composite, plastic and arcylic
Advantage: High hardness and wear resistance, optimized for pricise and fast cutting

Teeth Featuer

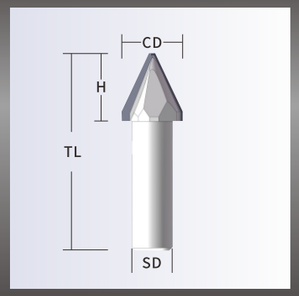
NO.	S	TL	Z(1+1)	H	α
01	10x44	70	2+1dia	2	10°
02	10x43	75	3+1dia	2	10°
03	10x43	75	3+1dia	2	12°
04	12x40	75	4+1dia	2.5	15°
05	12x41	75	4+1dia	2.5	15°
06	12x41	75	5+1dia	2	15°
07	12x40	85	5+1dia	2.5	15°
08	12x42	85	5+1dia	2.5	15°
09	16x42	85	5+1dia	2.5	20°
10	20x40	85	5+1dia	3	20°
11	20x40	85	5+1dia	3	20°
12	20x61.5	115	5+1dia	3	15°
13	12x43	84	6+1dia	2.5	15°
14	10x43	85	7+1dia	2	15°
15	12x43	93	7+1dia	2.5	15°
16	12x43	95	7+1dia	2.5	15°
17	16x52.5	105	7+1dia	2.5	20°
18	20x50	105	7+1dia	3	20°
19	25x50	105	7+1dia	3	20°
20	25x60	175	16+1dia	3	20°

NO.	S	TL	Z(2+2)	H	α
01	10x40	70	5+1dia	2	10°
02	12x40	75	5+1dia	2.5	15°
03	12x46	75	5+1dia	2.5	15°
04	12x40	70	7+1dia	2	15°
05	12x43	75	7+1dia	2.5	15°
06	12.7x40	70	7+1dia	2.5	15°
07	16x44	80	7+1dia	2.5	20°
08	20x50	96	7+1dia	3	20°
09	20x54.5	90	7+1dia	3	20°
10	12x43	84	11+1dia	2.5	15°
11	12x43	85	11+1dia	2.5	15°
12	20x51	105	11+1dia	3	20°
13	20x50	105	11+1dia	3	20°
14	16x40	95	13+1dia	2.5	20°
15	20x55	120	13+1dia	3	20°
16	20x60	130	13+1dia	3	20°
17	20x50	115	15+1dia	3	20°

NO.	S	TL	Z(3+3)	H	α
01	12x40	70	8+1dia	2.5	15°
02	12x46	75	8+1dia	2.5	15°
03	12x40	70	11+1dia	2.5	15°
04	12x40	75	11+1dia	2.5	15°
05	12x40	75	14+1dia	2.5	15°
06	12.7x40	75	14+1dia	2.5	15°
07	12x40	85	17+1dia	2.5	15°
08	20x50	106	20+1dia	3	20°
09	20x49	115	23+1dia	3	20°

NO.	S	TL	Z3	H	α
01	12x40	70	5+1dia	2.5	15°
02	12x40	70	8+1dia	2.5	20°
03	12x40	70	8+1dia	2.5	15°
04	12x40	75	8+1dia	2.5	15°
05	12x40	75	10+1dia	2.5	15°
06	9.525x45	75	11+1dia	2	15°
07	20x84	130	11+1dia	3	20°
08	12x40	80	14+1dia	2.5	15°
09	25x50	130	30+1dia	3	20°

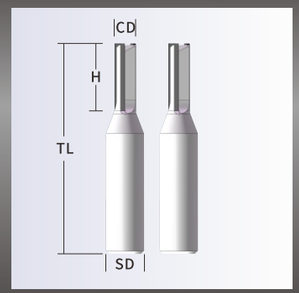
PCD V-shaped Knife



Machine: Milling machine, machining centre, CNC centre
Application: Density board, melamine board, solid wood, plywood
Advantage: Long lifespan and smooth cutting

NO.	CD	H	SD	TL	T	Note
01	18.8	18	12.7	61	2	50°
02	30	15	12	68	2	90°
03	40	11.55	12	64.55	2	120°

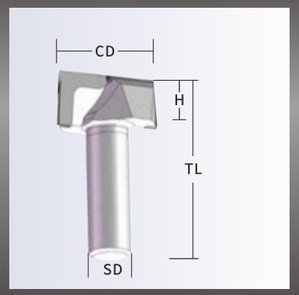
PCD Straight Bit



Machine: Milling machine, machining centre, CNC centre
Application: Density board, melamine board, solid wood, plywood
Advantage: Long lifespan and smooth cutting

NO.	CD	H	SD	TL	T
01	8	15	12.7	63	3
02	8	22	12.7	70	3
03	12	15	12	70.85	3
04	12	15	12	62	3
05	12	30	12.7	76	3
06	16	30	16	80	2

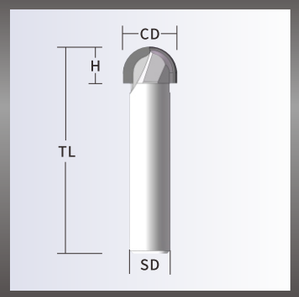
PCD Bottom Cleaning Bit



Machine: Milling machine, machining centre, CNC centre
Application: Density board, melamine board, solid wood, plywood
Advantage: Long lifespan and smooth cutting

NO.	CD	H	SD	TL	T
01	3	11	3	60	1
02	4	12	4	60	1
03	6	11	6	60	2
04	8	14	8	60	2
05	8	21	8	65	2
06	8	8	8	100	2
07	9	14	10	60	2
08	9	21	10	65	2
09	10	20	12.7	67	2
10	12	16	12.7	66	2
11	12	30	12.7	77	3
12	12	15	12	66	2
13	12	20	12.7	67	2
14	12.7	20	12.7	67	2
15	15	15	12.7	56	2
16	15	20	12.7	61	2
17	16	15	12	66	2
18	20	15	12	66	2
19	20	15	12.7	55.5	2
20	22	15	12	66	2
21	25	15	12.7	55.5	2
22	30	17	12.7	57	2
23	30	15	12	66	2
24	30	15	12.7	55.5	2
25	32	15	12.7	55.5	2
26	35	15	12.7	55.5	2
27	35	20	12.7	60.5	2
28	40	15	12	55.5	2
29	40	15	12.7	55.5	2

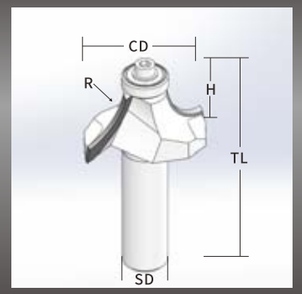
PCD Cove Box Bit



Machine: Milling machine, machining centre, CNC centre
Application: Density board, melamine board, solid wood, plywood
Advantage: Long lifespan and smooth cutting

NO.	CD	H	SD	TL	T	Note
01	12	9	12	61	2	R6
02	12	12	12	52	2	R6
03	16	11	12	61	2	R8
04	20	13	12	63	2	R10
05	24	15	12	65	2	R12

PCD Round Corner Chamfering Bit



Machine: Milling machine, machining centre, CNC centre
Application: Density board, melamine board, solid wood, plywood
Advantage: Long lifespan and smooth cutting

NO.	CD	H	SD	TL	T	Note
01	14	7	12	57	2	R2
02	16	8	12	58	2	R3
03	24	12	12	62	2	R6
04	25.4	13	12	58	2	R6.35
05	28	14	12	64	2	R8
06	34	16	12	66	2	R10
07	37	17	12.7	57	2	R12with bearing
08	38	18	12	68	2	R12

High Brightness And Precision Body

Fully Automatic Production Process

Rare Earth Element Alloys

Precision Grinded With 5 Axis CNC

[ROUTER BIT]

TCT Straight Bit-2T

Material

Machines: Engraving machine,
CNC machining center etc.
Application: Wood, MDF, bamboo
Features: Dual flute made of carbide alloy
Advantage: High quality alloy, unique welding process, excellent quality, super long life

No.	S	D	H	Z
1	1/2	2	6	2T
2	1/2	2.5	6	2T
3	1/2	3	12	2T
4	1/2	3.5	12	2T
5	1/2	4	12	2T
6	1/2	4	15	2T
7	1/2	4.5	15	2T
8	1/2	5	15	2T
9	1/2	5.5	15	2T
10	1/2	6	15	2T
11	1/4	2	6	2T
12	1/4	2.5	6	2T
13	1/4	3	12	2T
14	1/4	3.5	10	2T
15	1/4	4	12	2T
16	1/4	4	15	2T
17	1/4	4.5	15	2T
18	1/4	5	15	2T
19	1/4	5.5	15	2T
20	1/4	6	15	2T

TCT Straight Bit - 3T

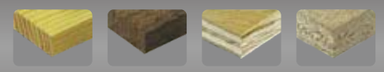
Material

Machine: CNC machine
Application: MDF, solid wood, plywood, chipboard
Advantage: 3 flute design, high cutting efficiency, longer life, smooth cutting edge.
With PVD coating, enlarge the life time and cutting performance

No.	S	D	H	Z	Remark
1	1/2	5	15	3T	without/with PVD coating
2	1/2	5	20	3T	without/with PVD coating
3	1/2	6	20	3/4T	without/with PVD coating
4	1/2	6	22	3T	without/with PVD coating
5	1/2	6	24	3T	without/with PVD coating
6	1/2	6	26	3T	without/with PVD coating
7	1/2	6	28	3T	without/with PVD coating
8	1/2	6	30	3T	without/with PVD coating
9	1/2	8	20	3T	without/with PVD coating
10	1/2	8	22	3T	without/with PVD coating
11	1/2	8	24	3T	without/with PVD coating
12	1/2	8	26	3T	without/with PVD coating
13	1/2	8	28	3T	without/with PVD coating
14	1/2	8	30	3T	without/with PVD coating
15	1/2	8	35	3T	without/with PVD coating
16	1/2	8	38	3T	without/with PVD coating
17	1/2	8	40	3T	without/with PVD coating
18	1/2	10	15	3T	without/with PVD coating
19	1/2	10	20	3T	without/with PVD coating
20	1/2	10	22	3T	without/with PVD coating
21	1/2	10	30	3T	without/with PVD coating
22	1/2	10	50	3T	without/with PVD coating
23	1/2	10	60	4T	without/with PVD coating

TCT Compression Bit

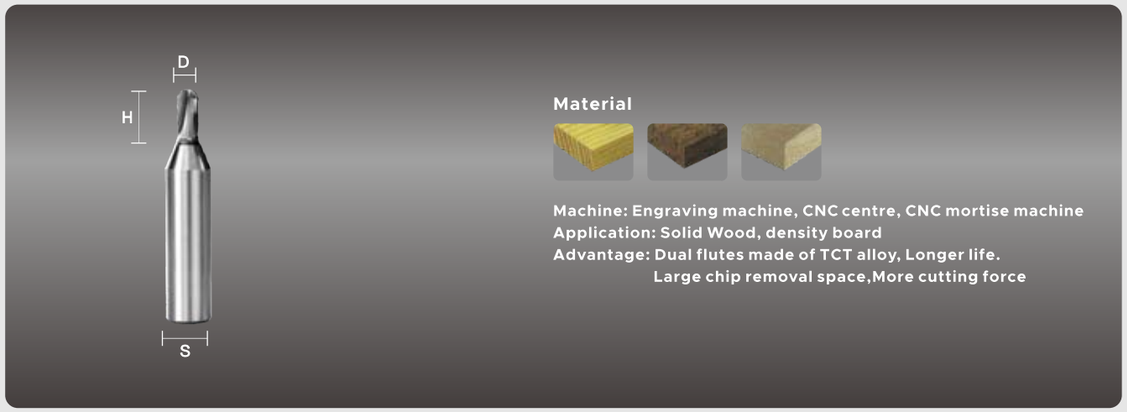
Material



Application: Sizing, trimming, slotting and drilling for MDF, chipboard, plywood and other boards
Advantage: Perfect finishing on both sides

No.	S	D	H	Z	Remark
1	1/2	6	20	2T	without/with PVD coating
2	1/2	6	22	2T	without/with PVD coating
3	1/2	6	24	2T	without/with PVD coating
4	1/2	6	26	2T	without/with PVD coating
5	1/2	8	20	2T	without/with PVD coating
6	1/2	8	22	2T	without/with PVD coating
7	1/2	8	24	2T	without/with PVD coating
8	1/2	8	26	2T	without/with PVD coating
9	1/2	8	28	2T	without/with PVD coating
10	1/2	6	20	3T	without/with PVD coating
11	1/2	6	22	3T	without/with PVD coating
12	1/2	6	24	3T	without/with PVD coating
13	1/2	6	26	3T	without/with PVD coating
14	1/2	8	20	3T	without/with PVD coating
15	1/2	8	22	3T	without/with PVD coating
16	1/2	8	24	3T	without/with PVD coating
17	1/2	8	26	3T	without/with PVD coating
18	1/2	8	28	3T	without/with PVD coating

TCT Cove Box Bit



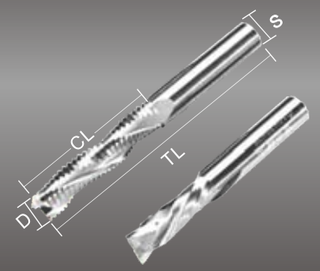
Material

Machine: Engraving machine, CNC centre, CNC mortise machine
Application: Solid Wood, density board
Advantage: Dual flutes made of TCT alloy, Longer life.
Large chip removal space,More cutting force

Stock: ● Yes ○ No

No.	S	D	H	K5
1	1/2	3	8	●
2	1/2	4	8	●
3	1/2	5	8	●
4	1/2	6	8	●

Solid Carbide Milling Bit



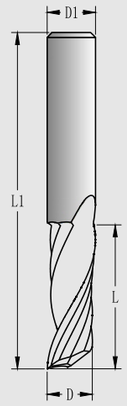
Material

Machine: Engraving machine, CNC machining center,
CNC tenon and grooving machine
Application: Trimming, mortise and groove, strip hole
Advantage: Sharp, durable, accuracy, stable quality

Stock: ● Yes ○ No

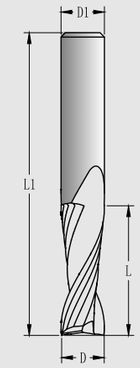
No.	S	D	CL	TL	Z	K5
1	8	8	50	100	3T	●
2	10	10	50	100	3T	●
3	12	12	50	100	3T	●
4	16	16	60	130	3T	●
5	16	16	55/105	165	3T	●
6	16	18	55/105	165	3T	●
7	18	18	55/105	165	3T	●
8	20	20	55/105	165	3T	●

Solid Carbide Spiral Bit-1Z



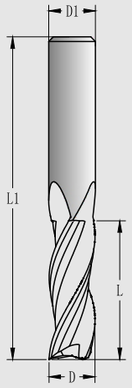
No.	Size	D1	D	L	L1
1	4x4x6x50-UP	4	4	6	50
2	4x4x6x50-DOWN	4	4	6	50
3	4x4x12x50-UP	4	4	12	50
4	4x4x12x50-DOWN	4	4	12	50
5	4x4x16x50-UP	4	4	16	50
6	4x4x16x50-DOWN	4	4	16	50
7	6 x6x14x 50-UP	6	6	14	50
8	6x6x14x50-DOWN	6	6	14	50
9	6x6x25x80-UP	6	6	25	80
10	6x6x25x80-DOWN	6	6	25	80
11	8x8x20x65-UP	8	8	20	65
12	8x8x20x65-DOWN	8	8	20	65
13	8x8x32x80-UP	8	8	32	80
14	8x8x32x80-DOWN	8	8	32	80
15	10x10x25x70-UP	10	10	25	70
16	10x10x25 x70-DOWN	10	10	25	70
17	10x10x40x90-UP	10	10	40	90
18	10x10x40 x90-DOWN	10	10	40	90
19	12x12x30 x75-UP	12	12	30	75
20	12x12 x30 x75-DOWN	12	12	30	75
21	12x12x40 x90-UP	12	12	40	90
22	12x12x40 x90-DOVVN	12	12	40	90

Solid Carbide Spiral Bit-2Z



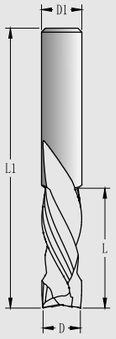
No.	Size	D1	D	L	L1
1	6X6x20x55-UP	6	6	20	55
2	6x6x20x55-DOWN	6	6	20	55
3	8x8x25x70-UP	8	8	25	70
4	8x8x25x70-DOWN	8	8	25	70
5	10x10x25x70-UP	10	10	25	70
6	10x10x25x70-DOWN	10	10	25	70
7	12x12x32x80-UP	12	12	32	80
8	12x12x32x80-DOWN	12	12	32	80
9	12x12x42x90-UP	12	12	42	90
10	12x12x42x90-DOWN	12	12	42	90
11	12x12x50x100-UP	12	12	50	100
12	12x12x50x100-DOWN	12	12	50	100

Solid Carbide Spiral Bit-3Z



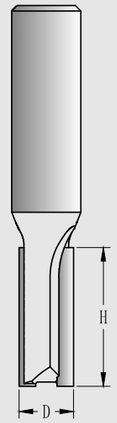
No.	Size	D1	D	L	L1
1	8X8X25X70-UP	8	8	25	70
2	8x8X25x70-DOWN	8	8	25	70
3	10x10x25x70-UP	10	10	25	70
4	10x10x25x70-DOWN	10	10	25	70
5	12x12x32x80-UP	12	12	32	80
6	12x12x32x80-DOWN	12	12	32	80
7	12x12x42x90-UP	12	12	42	90
8	12x12x42x90-DOWN	12	12	42	90
9	12x12x50x100-UP	12	12	50	100
10	12x12x50x100-DOMN	12	12	50	100
11	16x16x32x80-UP	16	16	32	80
12	16x16x32x80-DOMN	16	16	32	80
13	16x16x42x90-UP	16	16	42	90
14	16x16X42x90-DOMN	16	16	42	90
15	16x16x50x100-UP	16	16	50	100
16	16x16x50x100-DOMN	16	16	50	100

Carbide Cut Double Spiral Bit



No.	Size	D1	D	L	L1
1	6x6x20x55	6.0	6.0	20.00	55.00
2	8x8x25x70	6.0	6.0	25.00	70.00
3	10x10x25x70	10.0	10.0	25.00	70.00
4	10x10x30x75	10.0	10.0	30.00	75.00
5	12x12x30x75	12.0	12.0	30.00	75.00
6	12x12x40x90	12.0	12.0	40.00	90.00
7	12x12x50x100	12.0	12.0	50.00	100.00
8	16x16x30x75	16.0	16.0	30.00	75.00
9	16x16x40x90	16.0	16.0	40.00	90.00
10	16x10x50x100	16.0	16.0	50.00	100.00
11	1/2x1/2x1X3	12.7	12.7	25.40	76.20
12	1/2x1/2x1-1/8x3	12.7	12.7	28.60	76.20
13	1/2x1/2x1-3/8x3-1/2	12.7	12.7	34.90	88.90

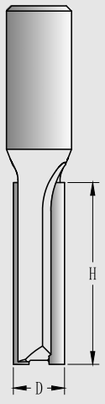
Straight Bit



No.	Size	Z	D	H
1	1/4x 1/4	2	6.35	20.00
2	1/4 x 5/16	2	7.96	25.00
3	1/4 x 3/8	2	9.52	30.00
4	1/4 x 1/2	2	12.70	30.00
5	1/4 x 5/8	2	15.90	30.00
6	1/2 x 1/4	2	6.35	20.00
7	1/2 x 5/16	2	7.96	25.00
8	1/2 x 3/8	2	9.52	30.00
9	1/2 x 1/2	2	12.70	30.00
10	1/2 x 5/8	2	15.90	30.00
11	1/2 x 3/4	2	19.05	30.00
12	1/2 x7/8	2	22.20	30.00
13	1/2 x1	2	25.40	30.00
14	1/2 x 1-1/8	2	28.60	30.00
15	1/2 x 1-1/4	2	31.75	30.00
16	1/2 x1-3/8	2	34.90	30.00
17	1/2 x1-1/2	2	38.10	30.00
18	1/2 x 1-3/4	2	44.45	30.00
19	1/2x2	2	50.80	30.00
20	1/2x6x12	2	6	12
21	1/2x6x15	2	6	15
22	1/2x6x20	2	6	20
23	1/2x6x22	2	6	22
24	1/2x6.5x20	2	6.5	20
25	1/2x7x15	2	7	15
26	1/2x7x20	2	7	20
27	1/2x7x22	2	7	22
28	1/2x7x25	2	7	25
29	1/2x8x15	2	8	15
30	1/2x8x20	2	8	20
31	1/2x8x25	2	8	25
32	1/2x8x30	2	8	30
33	1/2x9x15	2	9	15
34	1/2x9x20	2	9	20
35	1/2x9x25	2	9	25
36	1/2x10x15	2	10	15
37	1/2x10x20	2	10	20
38	1/2x10x25	2	10	25
39	1/2x10x30	2	10	30
40	1/2x11x30	2	11	30
41	1/2x12x20	2	12	20
42	1/2x12x25	2	12	25
43	1/2x12x30	2	12	30
44	1/2x13x15	2	13	15
45	1/2x13x20	2	13	20
46	1/2x13x25	2	13	25
47	1/2x13x30	2	13	30
48	1/2x14x15	2	14	15
49	1/2x14x30	2	14	30
50	1/2x15x30	2	15	30
51	1/2x16x30	2	16	30
52	1/2x17x30	2	17	30
53	1/2x18x30	2	18	30
54	1/2x19x30	2	19	30
55	1/2x20x20	2	20	20
56	1/2x20x30	2	20	30

No.	Size	Z	D	H
57	1/2x21x30	2	21	30
58	1/2x22x30	2	22	30
59	1/2x23x30	2	23	30
60	1/2x24x30	2	24	30
61	1/2x25x30	2	25	30
62	1/2x26x30	2	26	30
63	1/2x27x30	2	27	30
64	1/2x28x30	2	28	30
65	1/2x29x30	2	29	30
66	1/2x30x30	2	30	30
67	1/2x31x30	2	31	30
68	1/2x32x30	2	32	30
69	1/2x33x30	2	33	30
70	1/2x34x30	2	34	30
71	1/2x35x30	2	35	30
72	1/2x36x30	2	36	30
73	1/2x37x30	2	37	30
74	1/2x38x30	2	38	30
75	1/2x39x30	2	39	30
76	1/2x40x30	2	40	30
77	1/2x45x30	2	45	30
78	1/2x50x30	2	50	30

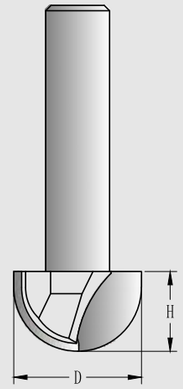
Long Blade Straight Bit



No.	Size	Z	D	H
1	1/4 x 1/4 x 1-1/4	2	6.35	31.75
2	1/4 x3/8 x 1-1/4	2	9.52	31.75
3	1/2 x 1/2 x 1-1/4	2	12.70	31.75
4	1/2 x 1/2 x 1-1/2	2	12.70	38.10
5	1/2 x 1/2 x 1-3/4	2	12.70	44.45
6	1/2x1/2x2	2	12.70	50.80
7	1/2 x 1/2 x2-1/2	2	12.70	63.50
8	1/2x1/2 x3	2	12.70	76.20
9	1/2 x5/8 x1-1/2	2	15.90	38.10

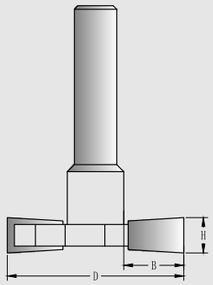
No.	Size	Z	D	H
1	1/2x10mmx35mm	2	10	35
2	1/2x10mmx38mm	2	10	38
3	1/2x12mmx35mm	2	12	35
4	1/2x12mmx38mm	2	12	38
5	1/2 x12mmx40mm	2	12	40
6	1/2x12mmx45mm	2	12	45
7	1/2x12mmx50mm	2	12	50
8	1/2x14mmx45mm	2	14	45
9	1/2x15mmx50mm	2	15	50

Cove Box Bit



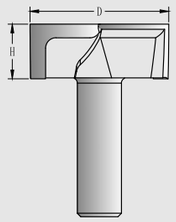
No.	Size	D	H
1	1/4x9	9	7.00
2	1/4x10	10	7.50
3	1/4x11	11	8.50
4	1/4x12	12	9.00
5	1/4x13	13	9.50
6	1/4x14	14	10.00
7	1/4x15	15	10.50
8	1/4x16	16	11.00
9	1/4x17	17	11.50
10	1/4x18	18	12.00
11	1/4x19	19	12.50
12	1/4x20	20	13.00
13	1/4x25	25	15.50
14	1/2x9	9	7.00
15	1/2x10	10	7.50
16	1/2x11	11	8.50
17	1/2x12	12	9.00
18	1/2x13	13	9.50
19	1/2x14	14	10.C0
20	1/2x15	15	10.50
21	1/2x16	16	11.C0
22	1/2x17	17	11.50
23	1/2x18	18	12.00
24	1/2x19	19	12.50
25	1/2x20	20	13.C0
26	1/2x25	25	15.50
27	1/2x30	30	17.50
28	1/2x35	35	21.00
29	1/2x40	40	24.00
30	1/2x45	45	26.50
31	1/2x50	50	28.50

"T" Type Slotting Bit



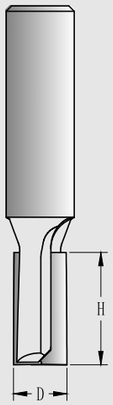
No.	Size	Z	D	H
1	1/4x2	2	31.5	2
2	1/4x2.5	2	31.5	2.5
3	1/4x3	2	31.5	3
4	1/4x3.5	2	31.5	3.5
5	1/4x4	2	31.5	4
6	1/4x4.5	2	31.5	4.5
7	1/4x5	2	31.5	5
8	1/4x6	2	31.5	6
9	1/4x6.5	2	31.5	6.5
10	1/4x7	2	31.5	7
11	1/4x8	2	31.5	8
12	1/4x9	2	31.5	9
13	1/2x2	2	31.5	2
14	1/2 x2.5	2	31.5	2.5
15	1/2 x2.5	2	37	2.5
16	1/2x3	2	31.5	3
17	1/2x3	2	37	3
18	1/2x3.5	2	31.5	3.5
19	1/2x3.5	2	37	3.5
20	1/2x4	2	31.5	4
21	1/2x4	2	37	4
22	1/2x4.5	2	31.5	4.5
23	1/2x4.5	2	37	4.5
24	1/2x5	2	31.5	6
25	1/2x5	2	40	5
26	1/2x6	2	31.5	6
27	1/2 x 6	2	40	6
28	1/2 x 6.5	2	31.5	6.5
29	1/2 x 6.5	2	40	6.5
30	1/2 x 7	2	31.5	7
31	1/2 x7	2	40	7
32	1/2 x 8	2	31.5	8
33	1/2 x8	2	40	8
34	1/2 x 9	2	31.5	9
35	1/2 x 9	2	40	9
36	1/2x 10	2	31.5	10
37	1/2 x 10	2	40	10
38	1/2 x 12	2	31.50	12
39	1/2 x12	2	40	12
40	1/2 x 14	2	31.50	14
41	1/2 x 14	2	40	14
42	1/2 x15	2	31.50	15
43	1/2 x 15	2	40	15
44	1/2 x 16	2	31.5	16
45	1/2x16	2	40	16

Cleaning Bottom Bit



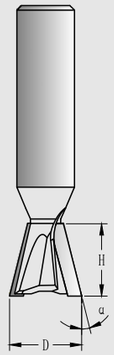
No.	Size	Z	D	H
1	1/4x9	2	9.00	9.00
2	1/4x 10	2	10.00	10.00
3	1/4x 11	2	11.00	10.00
4	1/4 x 12	2	12.00	10.00
5	1/4x14	2	14.00	13.00
6	1/4x15	2	15.00	13.00
7	1/4x17	2	17.00	13.00
8	1/4x18	2	18.00	13.00
9	1/4x20	2	20.00	13.00
10	1/4x 21	2	21.00	13.00
11	1/4x22	2	22.00	13.00
12	1/4x23	2	23.00	13.00
13	1/2x9	2	9.00	9.00
14	1/2x10	2	10.00	10.00
15	1/2x11	2	11.00	10.00
16	1/2x12	2	12.00	10.00
17	1/2x14	2	14.00	13.00
18	1/2x15	2	15.00	13.00
19	1/2x15	2	15.00	15.00
20	1/2x17	2	17.00	13.00
21	1/2x18	2	18.00	13.00
22	1/2x20	2	20.00	13.00
23	1/2x20	2	20.00	15.00
24	1/2x21	2	21.00	13.00
25	1/2x22	2	22.00	13.00
26	1/2x23	2	23.00	13.00
27	1/2x24	2	24.00	13.00
28	1/2x25	2	25.00	13.00
29	1/2x26	2	26.00	15.00
30	1/2x28	2	28.00	17.00
31	1/2x30	2	30.00	15.00
32	1/2x30	2	30.00	17.00
33	1/2x32	2	32.00	15.00
34	1/2x32	2	32.00	17.00
35	1/2x35	2	35.00	15.00
36	1/2x38	2	38.00	15.00
37	1/2x40	2	40.00	15.00
38	1/2x44	2	44.00	15.00
39	1/2x45	2	45.00	15.00
40	1/2x50	2	50.00	15.00

Long Blade Cleaning Bottom Bit



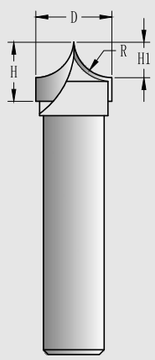
No.	Size	D	H
1	1/2x9mmx20	9.00	20.00
2	1/2x10mmx18	10.00	18.00
3	1/2x10mmx20	10.00	20.00
4	1/2x10mmx25	10.00	25.00
5	1/2x10mmx30	10.00	30.00
6	1/2x11mmx20	11.00	20.00
7	1/2x12mmx20	12.00	20.00
8	1/2x12mmx25	12.00	25.00
9	1/2x13mmx20	13.00	20.00
10	1/2x14mmx20	14.00	20.00
11	1/2x15mmx20	15.00	20.00
12	1/2x17mmx20	17.00	20.00
13	1/2x18mmx20	18.00	20.00
14	1/2x20mmx20	20.00	20.00
15	1/2x21mmx20	21.00	20.00
16	1/2x22mmx20	22.00	20.00
17	1/2x23mmx20	23.00	20.00
18	1/2x24mmx20	24.00	20.00
19	1/2x25mmx20	25.00	20.00
20	1/2x26mmx20	26.00	20.00
21	1/2x28mmx20	28.00	20.00
22	1/2x30mmx20	30.00	20.00
23	1/2x32mmx20	32.00	20.00
24	1/2x35mmx20	35.00	20.00
25	1/2x38mmx20	38.00	20.00
26	1/2x40mmx20	40.00	20.00
27	1/2x44mmx20	44.00	20.00
28	1/2x45mmx20	45.00	20.00
29	1/2x50mmx20	50.00	20.00

Dovetail Bit



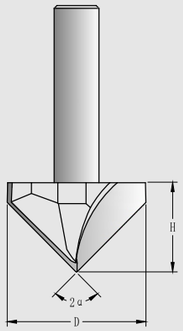
No.	Size	D	a	H
1	1/4X3/8	9.52	8°	10.00
2	1/4x1/2	12.70	8°	13.00
3	1/4x5/8	15.90	14°	16.00
4	1/4x3/4	19.05	14°	20.00
5	1/4x7/8	22 20	14°30′	23.00
6	1/2x3/8	9.52	8°	10.00
7	1/2x1/2	12.70	8°	13.00
8	1/2x5/8	15.90	14°	16.00
9	1/2x3/4	19.05	14°	20.00
10	1/2x7/8	22.20	14°30′	23.00
11	1/2x1	25.40	14°30′	26.00
12	1/2x1-1/8	28.60	14°30′	29.00
13	1/2x1-1/4	31.75	14°30′	30.00
14	1/2x1-1/2	38.10	14°30′	30.00

Carving Bit



No.	Size	D	R	H	H1
1	1/4x1/4	6.35	3.17	7.50	2.50
2	1/4x5/16	7.96	3.96	8.10	3.13
3	1/4x3/8	9.52	4.76	8.77	3.77
4	1/4x1/2	12.70	6.35	10.02	5.02
5	1/4x5/8	15.90	7.96	11.30	6.30
6	1/4x3/4	19.05	9.52	14.00	7.50
7	1/4x7/8	22.20	11.10	15.20	8.70
8	1/2x1/4	6.35	3.17	7.50	2.50
9	1/2x5/16	7.96	3.96	8.10	3.13
10	1/2x3/8	9.52	4.76	8.77	3.77
11	1/2x1/2	12.70	6.35	10.02	5.02
12	1/2x5/8	15.90	7.96	11.30	6.30
13	1/2x3/4	19.05	9.52	14.00	7.50
14	1/2x7/8	22.20	11.10	15.20	8.70
15	1/2x1	25.40	12.70	16.50	10.00
16	1/2x1-1/8	28.60	14.30	17.00	10.50
17	1/2x1-1/4	31.80	15.90	18.00	11.50
18	1/2x1-3/8	34.90	17.45	20.00	13.50
19	1/2x1-1/2	38.10	19.05	21.00	14.50
20	1/2x1-5/8	41.28	20.64	22.50	16.00
21	1/2x1-3/4	44.45	22.20	24.00	17.50
22	1/2x2	50.80	25.40	28.50	22.00

"V" Type Slotting Bit

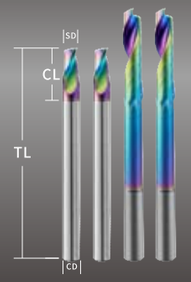


No.	Size	D	H	2α
1	1/2 x7/8	22.22	26.79	45°
2	1/2 x19/32	15.08	18.20	45°
3	1/4 x19/32	15.08	18.20	45°
4	1/4 x 1/2	12.70	10.90	60°
5	1/4 x9/16	14.28	12.36	60°
6	1/4 x5/8	15.90	13.76	60°
7	1/4 x 3/4	19.05	16.48	60°
8	1/2 x 1/2	12.70	10.90	60°
9	1/2 x 9/16	14.28	12.36	60°
10	1/2 x5/8	15.90	13.76	60°
11	1/2 x 3/4	19.05	16.48	60°
12	1/4x3/8	9.52	9.52	90°
13	1/4x1/2	12.70	12.70	90°
14	1/4x5/8	15.90	15.90	90°
15	1/4x3/4	19.05	17.50	90°
16	1/4x7/8	22.20	22.20	90°
17	1/2x3/8	9.52	9.52	90°
18	1/2x1/2	12.70	12.70	90°
19	1/2x5/8	15.90	15.90	90°
20	1/2x3/4	19.05	17.50	90°
21	1/2x7/8	22,20	22.00	90°
22	1/2x1	25.40	25.40	90°
23	1/2x1-1/8	28.60	26.00	90°
24	1/2x1-1/4	31.75	25.50	90°
25	1/2x1-3/8	34.90	25.00	90°
26	1/2x1-1/2	38.10	25.00	90°
27	1/2x1-3/4	44.50	30.00	90°
28	1/2x2	50.80	30.00	90°
29	1/2 x22	22.00	16.50	120°
30	1/2 x32	32.00	18.00	120°
31	1/2 x40	40.00	20.00	120°
32	1/2x50	50.00	17.00	150°
33	1/2 x50	50.00	22.00	120°
34	1/2x63	63.00	18.00	150°
35	1/2 x63	63.00	24.00	120°
36	1/2x22	22.00	13.00	150°
37	1/2x32	32.00	14.00	150°
38	1/2x42	42.00	16.00	150°

Engraving Bit

No.	Specification	TYPE
1	3.175*17*38	1-Flute Spiral (Wood)
2	4*22*45	1-Flute Spiral (Wood)
3	6*22*50	1-Flute Spiral (Wood)
4	3.175*30*0.2*33	V-point (Wood)
5	4*30*0.4*45	V-point (Wood)
6	6*30*0.4*50	V-point (Wood)
7	6*30*0.4*60	V-point (Wood)
8	3.175*22*45	Ballnose Tip Spiral (Wood)
9	4*22*45	Ballnose Tip Spiral (Wood)
10	6*22*50	Ballnose Tip Spiral (Wood)
11	3.175*17*38	2- Flute Spiral (Wood)
12	4*17*40	2- Flute Spiral (Wood)
13	4*22*45	2- Flute Spiral (Wood)
14	6*22*50	2- Flute Spiral (Wood)
15	3.175*22*45	Straight (Wood)
16	4*22*45	Straight (Wood)
17	6*22*50	Straight (Wood)
18	6*15*R0.5*60	Tapered Ball Tip Spiral (Wood)
19	6*15*R0.5*100	Tapered Ball Tip Spiral (Wood)
20	8*15*R0.5*80	Tapered Ball Tip Spiral (Wood)
21	8*15*R0.5*100	Tapered Ball Tip Spiral (Wood)
22	8*15*R0.5*120	Tapered Ball Tip Spiral (Wood)
23	3.175*22*45	1-Flute Spiral (Plastic & Acrylic)
24	4*22*45	1-Flute Spiral (Plastic & Acrylic)
25	6*22*50	1-Flute Spiral (Plastic & Acrylic)
26	3.175*22*45	2-Flute Spiral (Plastic & Acrylic)
27	4*22*45	2-Flute Spiral (Plastic & Acrylic)
28	6*22*50	2-Flute Spiral (Plastic & Acrylic)

Aluminum Milling Bit



Material

Machine: Gantry milling machine, CNC centre, engraving machine
Feature: Made from solid carbide alloy, featuring a single flute with large chip evacuation grooves
Advantage: Sharp edge, smooth chip evacuation, superior surface finish

NO.	SD	CD	CL	TL	Z
01	8	8	30/60	100	1F
02	8	8	30	100	1F
03	8	6	16/45	90	1F
04	8	6	16/45	100	1F
05	8	6	14	60	1F
06	8	5	16/45	100	1F
07	8	5	14/38	90	1F
08	8	5	14	60	1F
09	10	8	14	80	1F
10	10	10	35(45)	100	1F
11	10	10	30	100	1F
12	10	10	25	75	3F(U型槽)
13	10	10	14	120	1F

[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	●

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	●

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	○	●

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	●	●	○

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	●

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	●

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	●

[PROFILE CUTTER]

Panel Cutter

Material

Machine: Vertical milling machine, four side moulder

Application: Solid wood, MDF, Chipboard,

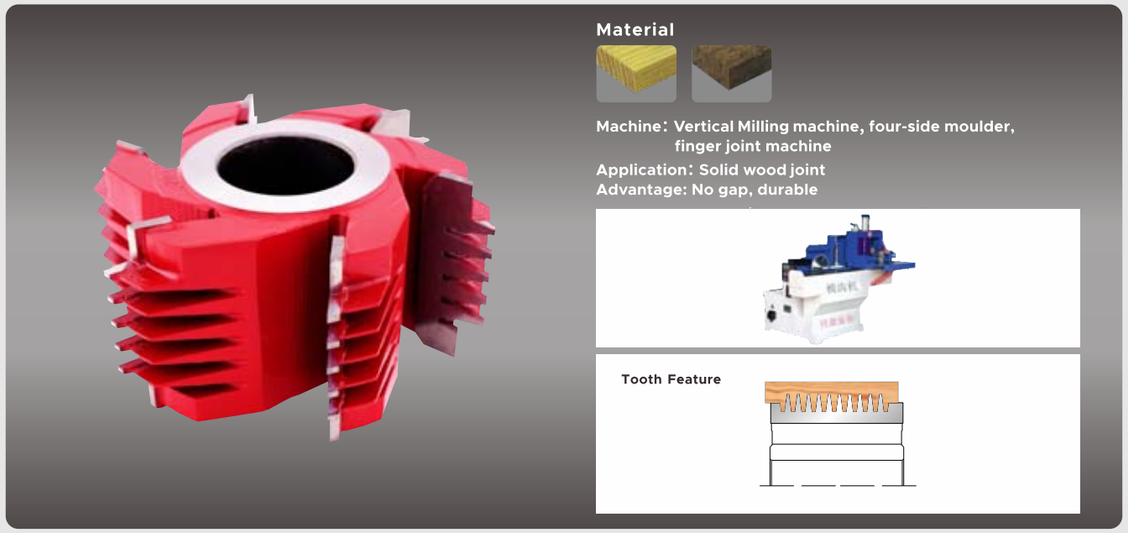
Feature: Chip conveyor design

Advantage: The processed surface is more smooth, long lifespan and endurance

Tooth Feature

No.	OD	ID	H	Z
1	90	35	40	4
2	90	35	50	4
3	90	35	60	4
4	90	35	70	4
5	90	35	80	4
6	90	35	90	4
7	90	35	100	4
8	90	35	120	4
9	125	40	40	4
10	125	40	60	4
11	125	40	80	4
12	125	40	100	4
13	125	40	120	4
14	125	40	40	6
15	125	40	60	6
16	125	40	80	6
17	125	40	100	6
18	125	40	120	6

Integrated Finger Joint Cutter



Material

Machine: Vertical Milling machine, four-side moulder, finger joint machine
Application: Solid wood joint
Advantage: No gap, durable

Tooth Feature

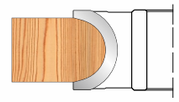
No.	OD	ID	H	Z	Finger
1	125	40/35	28	4	1F
2	125	40/35	36	4	2F
3	125	40/35	44	4	3F
4	125	40/35	52	4	4F
5	125	40/35	60	4	5F
6	125	40/35	68	4	6F
7	125	40/35	76	4	7F
8	125	40/35	84	4	8F
9	125	40/35	92	4	9F
10	125	40/35	100	4	10F
11	125	40/35	116	4	12F

Half Round Cutter

Material

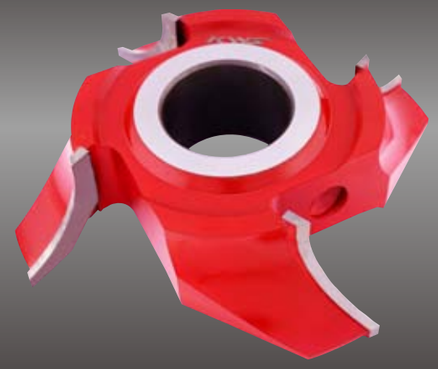
Machine: Vertical milling machine, four-side moulder
Application: Solid wood, MDF or edge chamfering
Feature: Small production tolerance

Tooth Feature

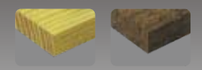


No.	OD	ID	R	Z
1	90	35	10	4
2	90	35	12	4
3	90	35	15	4
4	90	35	17.5	4
5	90	35	20	4
6	90	35	25	4

1/4 Corner Round Cutter

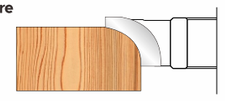


Material



Machine: Vertical milling machine, four-side moulder
Application: Edge chamfer of wood, MDF
Advantage: High quality alloy, more durable and longer lifespan

Tooth Feature



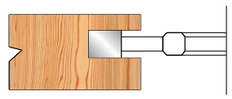
No.	OD	ID	R	Z	Shape
1	90	35	12	4	R
2	90	35	15	4	R
3	90	35	18	4	R
4	90	35	20	4	R
5	90	35	22	4	R
6	90	35	25	4	R
7	90	35	30	4	R
8	90	35	35	4	R
9	90	35	40	4	R

Grooving Cutter

Material

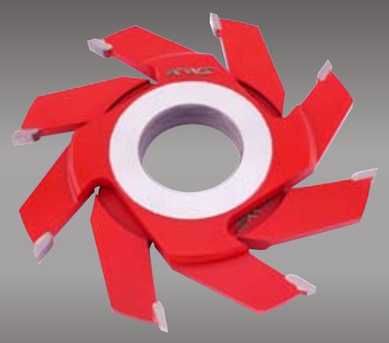
Machine: Vertical milling machine, four-side moulder
Application: Solid wood, MDF, chipboard etc
Advantage: High quality alloy, perfect chip conveyor design

Tooth Feature

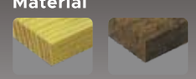


No.	OD	ID	Thickness	Z
1	125	35	3.0	6
2	125	35	4.0	6
3	125	35	5.0	6
4	125	35	6.0	6
5	125	35	7.0	6
6	125	35	8.0	6
7	125	35	9.0	6
8	125	35	10.0	6
9	125	35	12.0	6

Adjustable Grooving Cutter

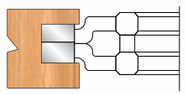


Material



Machine: Vertical milling machine, four side moulder
Application: Wood processing
Advantage: Combination design, great flexibility.
The required groove width can be adjusted according to requirements

Tooth Feature



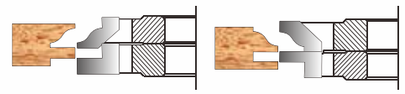
No.	D	d	H	Z
1	130	35	6	4
2	130	35	8	4
3	130	35	10	4

Cabinet Door Cutter

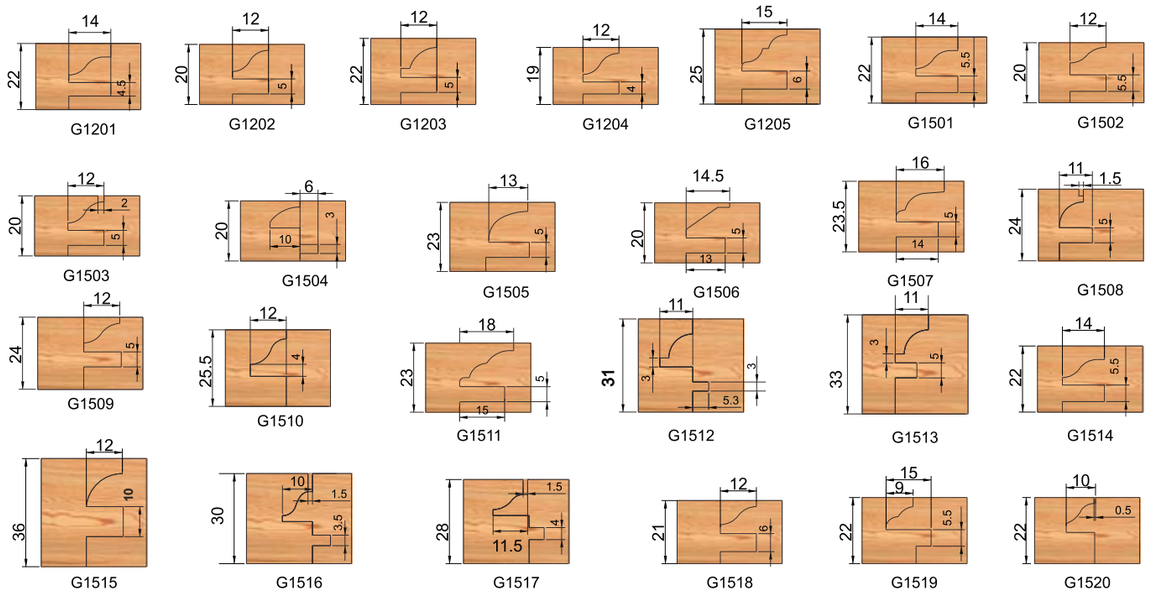
Material

Machine: Vertical milling machine, processing center
Application: Solid wood, door frame
Design: Two blades or four blades as combination
Advantage: Easy to adjust the mating of tenon and groove

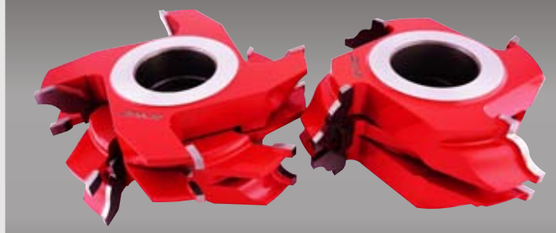
Tooth Feature



No.	OD	ID	R	Z	SPECIFICATION
1	114	15.2	35	4	G1502(4cutters/Set)
2	114	16	35	4	G1204(4cutters/Set)
3	114	16.5	35	4	G1202(4cutters/Set)
4	114	17	35	4	G1518(4cutters/Set)
5	114	17.5	35	4	G1203(4cutters/Set)
6	115	17	35	4	G1509(4cutters/Set)
7	118	15	35	4	G1201(4cutters/Set)
8	118	17.5	35	4	G1514(4cutters/Set)
9	118	18	35	4	G1501(4cutters/Set)
10	119	17.2	35	4	G1506(4cutters/Set)
11	120	15.3	35	4	G1519(4cutters/Set)
12	120	20	35	4	G1205(4cutters/Set)
13	122	18	35	4	G1507(4cutters/Set)
14	126	18	35	4	G1511(4cutters/Set)



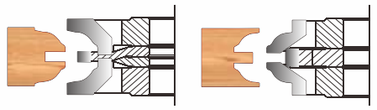
Door Frame Cutter



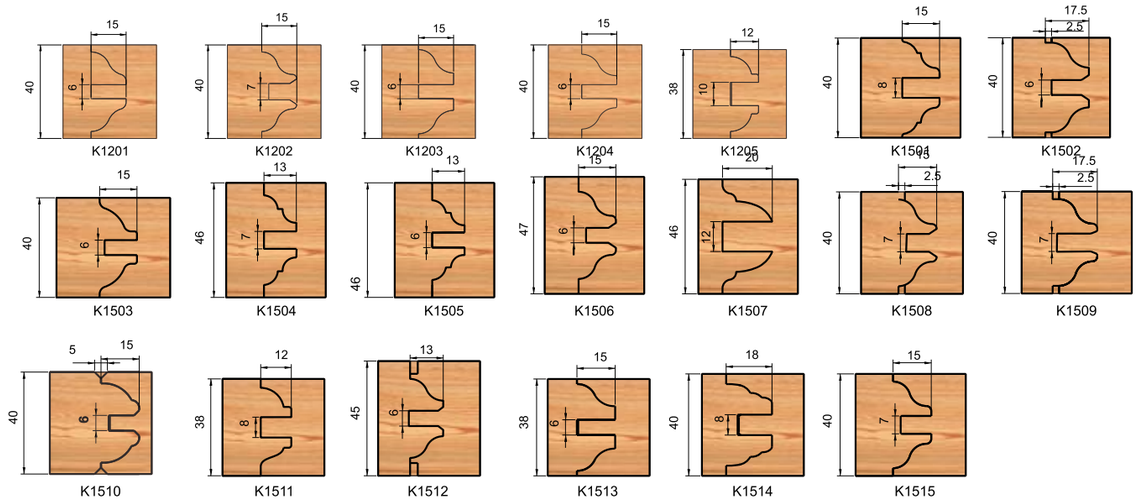
Material

Machine: Vertical milling machine, four-side moulder
Application: Solid wood, MDF
Feature: 2 cutters or 7 cutters as combination
Advantage: 7 blades combinations can make the linearity better coordinated

Tooth Feature

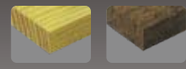


No.	OD	ID	R	Z	SPECIFICATION
1	112	23.8	35	4	K1504(7 cutters/Set)
2	114	22	35	4	K1511(7 cutters/Set)
3	114	29	35	4	K1205(7 cutters/Set)
4	116	22	35	4	K1505(7 cutters/Set)
5	117	10	35	4	K1512(7 cutters/Set)
6	120	19	35	4	K1204(7 cutters/Set)
7	120	20.5	35	4	K1506(7 cutters/Set)
8	120	21	35	4	K1203(7 cutters/Set)
9	120	21	35	4	K1513(7 cutters/Set)
10	120	21	35	4	K1515(7 cutters/Set)
11	120	22.5	35	4	K1202(7 cutters/Set)
12	120	23.5	35	4	K1201(7 cutters/Set)
13	120	23.5	35	4	K1508(7 cutters/Set)
14	120	23	35	4	K1501(7 cutters/Set)
15	120	24	35	4	K1503(7 cutters/Set)
16	125	21	35	4	K1502(7 cutters/Set)
17	125	22.5	35	4	K1509(7 cutters/Set)
18	126	21	35	4	K1514(7 cutters/Set)
19	130	24	35	4	K1507(7 cutters/Set)



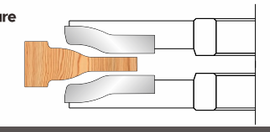
Door Plank Cutter

Material

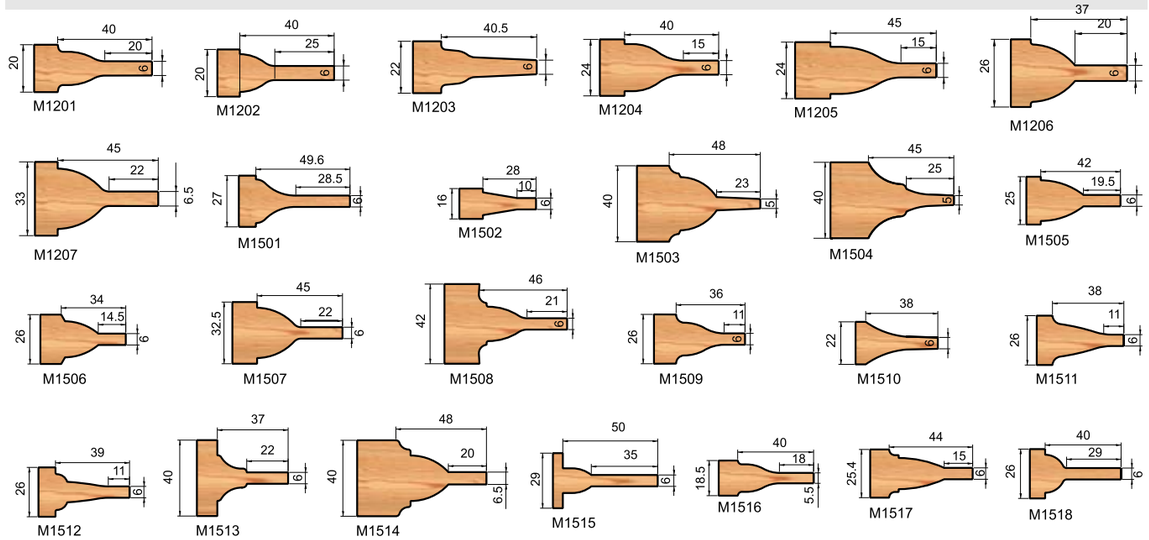


Machine: Vertical spindle milling machine, four-side moulder, double-end milling CNC machine.
Application: Processing solid wood.
Feature: The upper and down cutters can be used together or separately, the cutting width is adjustable

Tooth Feature



No.	OD	ID	R	Z	SPECIFICATION
1	146	35	14.5	4	M1502(2 cut ters/Set)
2	162.6	35	15	4	M1509(2 cut ters/Set)
3	164	35	15	4	M1206(2 cut ters/Set)
4	165.2	35	15.3	4	M1511(2 cut ters/Set)
5	170	35	13	4	M1201(2 cut ters/Set)
6	170	35	15	4	M1202(2 cut ters/Set)
7	170	35	15	4	M1204(2 cut ters/Set)
8	171	35	13	4	M1203(2 cut ters/Set)
9	171.6	35	17	4	M1516(2 cut ters/Set)
10	172	35	18.5	4	M1510(2 cut ters/Set)
11	174	35	15.6	4	M1505(2 cut ters/Set)
12	180	35	14.5	4	M1205(2 cut ters/Set)
13	180	35	18.3	4	M1207(2 cut ters/Set)
14	180	35	18.3	4	M1507(2 cut ters/Set)
15	180.8	35	24.5	4	M1504(2 cut ters/Set)
16	182	35	16.5	4	M1506(2 cut ters/Set)
17	184	35	18	4	M1508(2 cut ters/Set)
18	186.2	35	22.5	4	M1503(2 cut ters/Set)
19	186.4	35	21.2	4	M1514(2 cut ters/Set)
20	190	35	15.5	4	M1515(2 cut ters/Set)
21	190	35	16.5	4	M1501(2 cut ters/Set)
22	190	35	17	4	M1517(2 cut ters/Set)



Tenon Cutter

Material

Machine: Tenoning machine

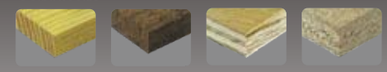
Application: 45°, 90°, 135° tenon shaping on solid wood

Advantage: Replaceable saw blade design

No.	Specification	Saw blade	Machine
1	100*70*25(Oblique blade)	Yes L	MAS MSZ2000
2	100*70*25(Oblique blade)	Yes R	MASMSZ2000
3	112*30	Yes	QCM MX3810B
4	123*30	Yes	QCM MX3815C
5	130*30(Oblique blade)	Yes	MAS MDK3113B1

Helical Cutter Block

Material



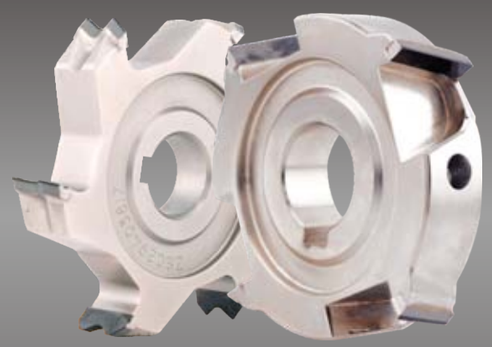
Machine: Vertical Milling machine, four-side moulder

Application: Wood， MDF, HDF

Advantage: High quality helix structure, inserts can be replaced high efficiency, silence

No.	OD	ID	Height	Z	Blade Angle	Type
1	90	35	60	6	30°	light duty
2	90	35	80	6	30°	light duty
3	90	35	100	6	30°	light duty
4	90	35	120	6	30°	light duty
5	100	35	60	6	30°	light duty
6	100	35	80	6	30°	light duty
7	100	35	100	4	30°	light duty
8	100	35	120	6	30°	light duty
9	125	40	60	6	30°	light duty
10	125	40	80	6	30°	light duty
11	125	40	100	6	30°	light duty
12	125	40	120	6	30°	light duty
13	125	40	150	6	37°	light duty
14	90	35	40	6	37°	heavy duty
15	90	35	60	6	37°	heavy duty
16	90	35	80	6	37°	heavy duty
17	90	35	100	6	37°	heavy duty
18	90	35	120	4	37°	heavy duty
19	90	35	130	6	37°	heavy duty
20	100	35/40	40	6	37°	heavy duty
21	100	35/40	60	6	37°	heavy duty
22	100	35/40	80	6	37°	heavy duty
23	100	35/40	100	6	37°	heavy duty
24	100	35/40	120	6	37°	heavy duty
25	125	40	60	6	37°	heavy duty
26	125	40	80	6	37°	heavy duty
27	125	40	100	6	37°	heavy duty
28	125	40	120	4	37°	heavy duty
29	125	40	150	6	37°	heavy duty
30	125	40	180	6	37°	heavy duty
31	125	40	200	6	37°	heavy duty
32	125	40	230	6		heavy duty

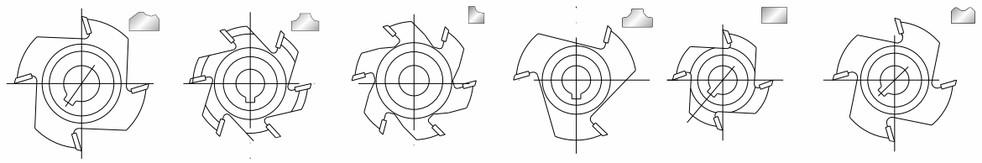
TCT/PCD Edge Banding Cutter



Material

Machine: Edge banding machine
Application: Edge trimming for MDF, chipboard, plywood.,etc.
Design: Standard R2/R3 with 4 blades or 6 blades
Advantage: Good dynamic balance ensures straight cutting at high speed, sharp blade makes the edge of the cut boards smooth
Remark: ODM/OEM is available

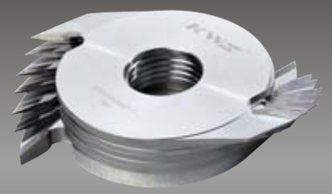
Teeth Featuer



No.	OD	ID	H	Z	R	R/L
1	56	16	14	4T		
2	56	16	14	6T		
3	56	20	14	4T		
4	56	20	14	6T		
5	80	20	21	6T		
6	58	16	12	6T	R2	L/R
7	60	16	11	6T	R2	
8	68	16	16	6T	R2	
9	69	16	13	4T	R1.5/2	
10	69	16	13	6T	R1.5/2	
11	69	20	13	4T	R2	
12	69	20	13	6T	R2	
13	75	20	16	6T	R1.5/2	L/R
14	70	16	16	3T	R2.5	
15	70	16	16	6T	R2.5	

[FINGER JOINT CUTTER]

Finger Joint Cutter



Material

Machine: Joint machine, vertical milling comb machine
Application: Wood jointing
Advantage: Easy installation, sharp, precise, durable

Stock: ● Yes ○ No

No.	D	d	T	Z	H	K5+
1	160	40/50/70	9.0	2	12mm	●
2	160	40/50/70	4.0	2	12mm	●
3	250	50	4.0	6	9mm	●
4	250	50	4.0	6	12mm	●

[KINFE & BLADE]

HSS Planer Knife

Machine: Planing machine, double-side planer, thicknesser
Features:
1. High-grade quality of raw materials
2. High stability, easy cutting, and better trimming
3. Super hard & longer lifespan
4. High efficiency
5. Application: Solid wood

Stock: ● Yes ○ No

No.	H	W	LH	K5
1	3	25	80	●
2	3	25	90	●
3	3	25	100	●
4	3	25	120	●
5	3	25	200	●
6	3	25	210	●
7	3	25	250	●
8	3	25	260	●
9	3	25	300	●
10	3	25	310	●
11	3	25	400	●
12	3	25	410	●
13	3	30	80	●
14	3	30	90	●
15	3	30	100	●
16	3	30	120	●
17	3	30	200	●
18	3	30	210	●
19	3	30	250	●
20	3	30	260	●
21	3	30	300	●
22	3	30	310	●
23	3	30	400	●
24	3	30	410	●
25	3	30	430	●
26	3	30	450	●
27	3	30	500	●
28	3	30	600	●
29	3	30	630	●
30	3	30	640	●
31	3	35	400	●
32	3	35	500	●
33	3	40	400	●
34	3	40	500	●
35	4	40	400	●
36	4	40	500	●
37	6	38	610	●
38	6	38	640	●

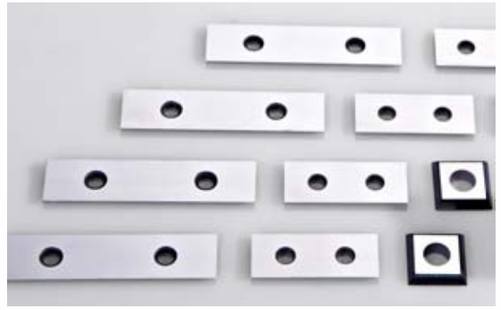
Carbide Inlaid Planer Knife

Machine: Planing machine, double-side planer, thicknesser
Features:
1. High-grade quality of raw materials
2. High stability, easy cutting, and better trimming
3. Super hard & longer lifespan
4. High efficiency
5. Application: Solid wood

Stock: ● Yes ○ No

No.	H	W	LH	CW	K5
1	3	25	80	10	●
2	3	25	90	10	●
3	3	25	100	10	●
4	3	25	120	10	●
5	3	25	200	10	●
6	3	25	250	10	●
7	3	25	260	10	●
8	3	30	80	10	●
9	3	30	90	10	●
10	3	30	100	10	●
11	3	30	120	10	●
12	3	30	200	10	●
13	3	30	250	10	●
14	3	30	300	10	●
15	3	30	400	10	●
16	3	30	300	10	●
17	3	30	300	10	●

Indexable Carbide Knife



Machine: Edge banding machine
Application: MDF, chipboard edge trimming, installed on the helical cutter block
Feature: Easy disassembly, high precision

Stock: ● Yes ○ No

No.	H	W	LH	R	K5
1	7.5	12	1.5		●
2	9.6	12	1.5		●
3	12	12	1.5		●
4	14	14	2	30°/37°	●
5	15	12	1.5		●
6	15	15	2.5	30°/37°	●
7	15	15	2.5	R50/R100/R150	○
8	20	12	1.5		●
9	22	19	2		●
10	30	12	1.5		●
11	30	12	1.5		●
12	30	12	1.5-4-1.5	5°	○
13	40	12	1.5		●
14	50	12	1.5		●
15	60	12	1.5		●
16	20	12		2R2/R3	●
17	16	17.5		2R2/2R3	●
18	16	17		2R2L/2R3R	●
19	16	17		2R3L/2R3R	●

[GRINDING WHEEL]

Grinding Wheel

Feature: Wear resistance, high efficiency, time and effort saving

Stock: ● Yes ○ No

No.	size	OD	d	wide	THK	3000(Bakelite)	3000(ALU)
1	PDX	80	13	7	1	●	○
2	PDX	100	13	7	1	○	●
3	PDX	100	16	7	1	●	●
4	PDX	100	20	7	1	●	●
5	PDX	125	13	9	1	●	●
6	PDK	125	16	9	1	●	●
7	PDX	125	25	9	1	●	●
8	PDX	125	32	9	1	●	●
9	PDK	150	32	9	1	●	○
10	Hook Angle	125	32	15	1	●	○
11	Top Angle	125	32	6	6	●	○