



ISO9001  
認証取得



蘇州サイリホイール株式会社  
SUZHOU SAILI PRECISION TOOLS CO.,LTD



## 会社案内

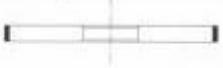
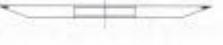
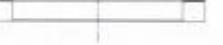
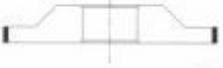
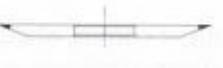
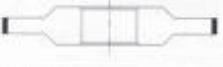
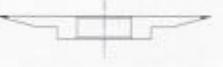
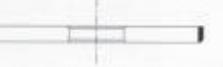
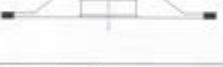
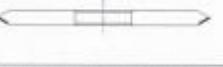
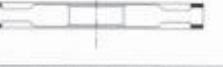
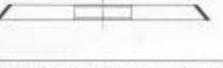
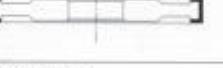
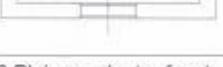
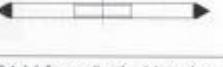
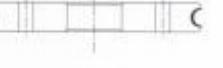
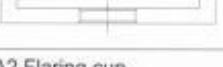
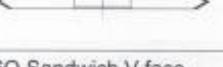
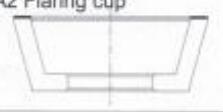
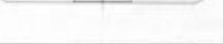
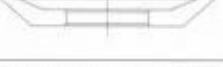
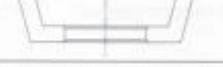
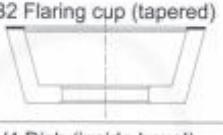
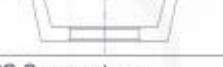
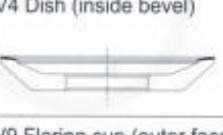
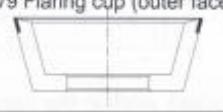


蘇州サイリホイール株式会社は中国国内で有数な精密ダイヤモンド&CBNホイール、極薄超精密ダイヤモンド&CBNホイールの製造会社です。製品の種類は高精度ダイヤモンド&CBNホイール(レジンボンド・ビトリファイドボンド・電着)、極薄超精密ダイヤモンド&CBNホイール(レジンボンド・メタルボンド)です。

ISO9001品質管理システム取得し、先進な生産設備と良好なアフターサービスを備え、ドイツ、イギリス、日本から先端技術と設備を継続的に取り入れているため、SAILIの砥石は工具研磨、金型製造、ベアリング製造、自動車部品加工、コンプレッサー加工、半導体業界、磁性材料及びガラス、セラミック研磨など色々な領域に浸透、お客様の高効率、低成本生産に貢献。中国国内では10箇所に事務所を設立しお客様へのサービスを行っております。また海外においても世界20カ国に輸出しているグローバルメーカーです。



# ダイヤモンド&CBNホイールの種類

Type	Type	Type
1A1 Straight	4B2 V face (with single right angle)	2A2 Disc
		
3A1 Straight (with single hub)	4K1 V face	1F1, 1FF1 Straight (with R)
		
14A1 Straight (with both hubs)	3B2 V face	1Q1 Round face (single)
		
1A1R Cutting	3K1 V face	1L1 Round face (both sides)
		
3A1R (3DIR)	1B5 V face (with single shaped)	9A3 Double cut
		
14A1R (14DIR)	1V1 V face (outer face shaped)	9U1 Straight (Periphery and side)
		
6A2 Plain cup	1E1 V face (both sides shaped)	1FF6Y, 1EE6Y 1LL6Y, 1DD6Y Pencil edge
		
6A9 Plain cup (outer face)	1EE1 V face (both sides shaped)	1A8, 1A1 Internal
		
11A2 Flaring cup	1E6Q Sandwich V face	DW Mounted internal
		
12A2 Dish	11C9 Flaring cup (L)	HH1 Handstone
		
11B2 Flaring cup (tapered)	11Y9 Flaring cup (L-shaped)	HHA2 Honing stone
		
12V4 Dish (inside bevel)	6A2S Segment cup	
		
11V9 Flaring cup (outer face)		
		

## ダイヤモンド&CBNホイールの型式

1A1 150x20x32x6x3 SDC 120/140 R 100 B



型番	寸法	砥粒の種類	粒度	結合度	集中度	ボンド
1A1	外径 X	D: 天然ダイヤモンド	粒度: 30/40~325/400	軟 L	Low 25%	B- レジンボンド
1A1R	X	SD: 合成ダイヤモンド		N	50%	M- メタルボンド
3A1	厚み X	SDC: コーティング ダイヤモンド	ミクロンサイズ: 40/60 ~ 0.5/3	P	75%	V- ビトリファイドボンド
4A2	X	CB: CBN		R	100%	P- 電着
6A2	内径 X	CBC: コーティング CBN		T	125%	
9A3	X			硬	150%	
11A2	幅 X				High	
11V9	X					
12A2	深さ					

## 砥石設計記入表

会社名		部署		お名前	
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型番	寸法	砥粒の種類	粒度	結合度	集中度	ボンドの種類	回転数

ワーク材質	名称		要求精度	表面粗さ	
	材質			その他	
	硬度				
加工条件	加工速度		ご要望		
	送り量				
	切込量				

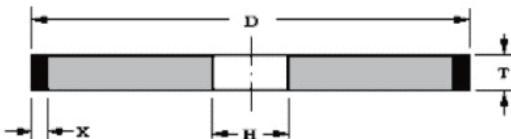
## レジンボンド ダイヤモンド&CBNホイール

### RESIN BONDED DIAMOND & CBN WHEELS

Resin bonded diamond & CBN wheels are widely used for the grinding, cutting, slotting of ferous materials such as Tungsten carbide, Quartz, Glass, Optics material, Silican, Composites, Ceramics and the nonferrous materials such as high speed steel, Bearing steel, Hardened steel, Heat treated alloys, etc. with the features of sharp, low infeed force, easy to be truing and dressing as well as high efficiency.

#### 1A1 外周・平面・端面研削

Suitable for all kinds of cylindrical grinding.

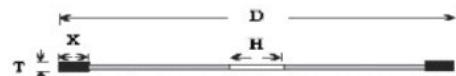


D	T	H	X
25	4,6,8,10,12,16,20	3	
30	10,12,16,20	3	
40	4,6,8,10,12,20	3	
50	4,6,8,10,12,16,20	3	
60	6,8,10,16,20	3,4,5	
75	3,4,6,8,10	3,4,5	
80	5,6,8,10,12,16,20	3,4,5	
100	3,4,5,6,8,10,12,16,20	3,4,5,6	
125	3,4,5,6,8,10,12,15,16,20	3,4,5,6	
150	3,4,5,6,8,10,12,15,16,20	3,4,5,6,8,10	
175	5,8,10,12,16,20	3,4,5,6,8,10	
200	5,6,8,10,12,15,16,20	3,4,5,6,8,10	
250	5,8,10,12,15,16,20,25,40,50,60	3,4,5,6,8,10,15	
300	8,10,12,16,20,25,32,40,50,60	3,4,5,6,8,10,15	
350	12,15,16,20,25,32,40,50,60	3,4,5,6,8,10,15	
400	10,12,15,16,20,25,32,40,50,60	3,4,5,6,8,10,15	
450	12,15,20,40,50,60	3,4,5,6,8,10,15	
500	12,15,20,40,50,60	3,4,5,6,8,10,15	

Any other size available upon request

## 1A1R 超硬合金・石英ガラス・液晶の切断など

Suitable for the cutting of materials, such as tungsten carbide, Quartz, Glass, LED,etc.

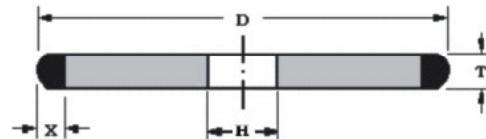


D	T/E				X
	0.8/0.6	1.0/0.6	1.2/0.8	1.4/1.0	
60	✓				5
80	✓				5
100	✓	✓	✓	✓	5
150	✓	✓	✓	✓	6
200		✓	✓	✓	6,8

Any other size available upon request

## 1F1 高精度曲面加工 曲率精度0.01mm以内

Suitable for the grinding of arc with the curvature 0.01mm.



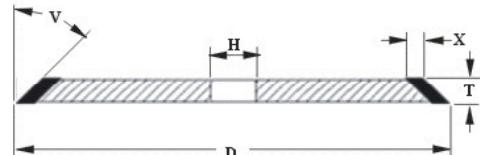
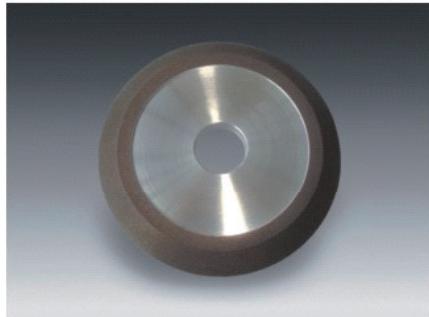
D	T/R	H	X
60	4/2		4
75	4.2/2.1		5
80	6/3		6
100	3/1.5, 6/3, 8/4, 10/5		3, 5, 6, 7
125	3/1.5, 6/3		3, 6

Any other size available upon request



## 1V1 精密深溝加工

Suitable for the precision and deep grooving.

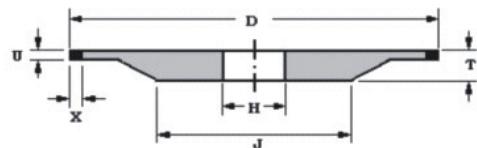


D	T	H	X	V
150	1.6			15°
150	3			20°
150	6			10°

其它規格按客戶要求提供  
Any other size available upon request

## 3A1 高精度切込加工・工学曲線加工・マイクロドリル研削 厚さ0.4mm 精度0.003以内

For high precision cut-in grinding, such as GP grinding, JG gridnign, micro drill grinding, etc. the thinnest thinckness can reach to 0.4mm within the run-out 0.003mm.

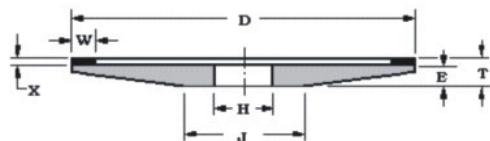
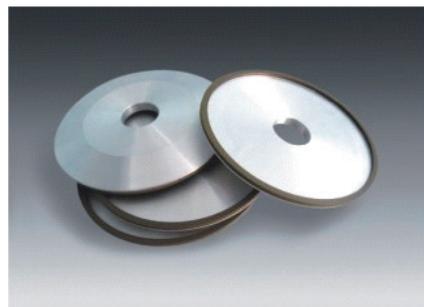


D	T	J	U	X
75	6	50	1.0	3
75	6	50	1.6	3
75	6	50	3	3
100	6	75	1.6	3
100	6	75	3	3
125	6	100	1.6	3
125	6	100	3	3
150	6	125	1.6	3
150	6	125	3	3
180	6	150	1.6	3
180	6	150	3	3
200	6	180	1.6	3
200	6	180	3	3

Any other size available upon request

## 4A2 広範な超硬工具の研削加工に対応

Widely used for the grinding of carbide tools. Different wheels, single abrasive, mixed abrasives, mixed grits, single grinding layer, double grinding layers and three grinding layers can be supplied.

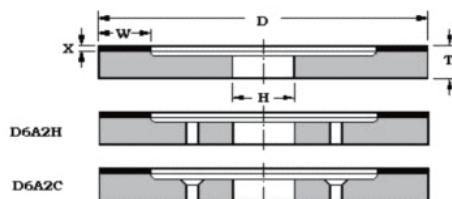


D	T	H	J	W	X
150	10		57	3	1.5
150	10		57	5	1.5
150	10		57	6	1.5
150	10		57	6	3
150	10		57	10	3
200	10		100	6	3
250	13		125	6	3

Any other size available upon request

## 6A2 各種平面・端面加工 精密工具加工

Suitable for the high-precision end/surface and cutter's grinding.



D	T	H	E	W	X
50	13		6	3, 5, 6	1.5
75	20		10	3, 5, 6, 10	3
100	20		10	6, 10, 12	3
125	20		10	6, 10, 12, 15, 20, 25	3
150	20		12	5, 6, 10, 12, 15, 20, 25, 30	3
175	20		12	5, 6, 10, 15, 20, 25	3
200	20		12	10, 15, 20, 25	3

Any other size available upon request



## 6A2T ダイヤモンド&CBNダブルディスクホイール コンプレッサー・ベアリング・磁性材料・セラミック加工

Diamond & CBN double grinding disc with the features of high accuracy, high efficiency and excellent durability. Used in the fields of compressor, bearing, magnetic materials and various ceramics.

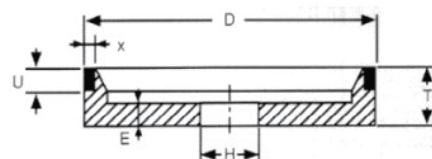
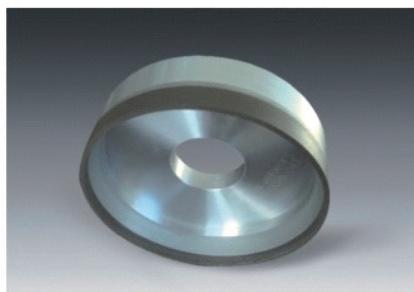


D	T	H	E	K	W	X
305	50	80			50	3.5
305	50	80			10	3.5
305	50	80			100	3.0
305	50	80			75	3.0
450	63	160			100	3.0

Any other size available upon request

## 6A9 超硬工具の精密加工 アルミボディ可能

Suitable for the high precision grinding of all kinds of carbide tools and cutters, wheels with aluminum-powder body can be supplied.

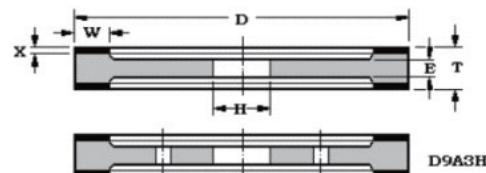


D	T	H	E	K	U	X
75	25		10		6, 10	3
100	30		10		6, 10	3
125	35		10		6, 10	3
150	35		13		6, 10	3
200	35		13		6, 10	3
250	50		13		6, 10	3

Any other size available upon request

## 9A3 外周研削・センターレス研削加工

Used for the cylindrical grinding, tool and cutters grinding, centerless grinding

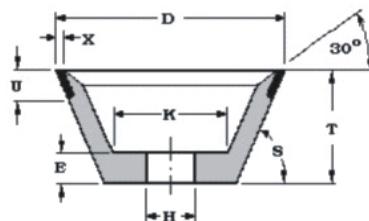
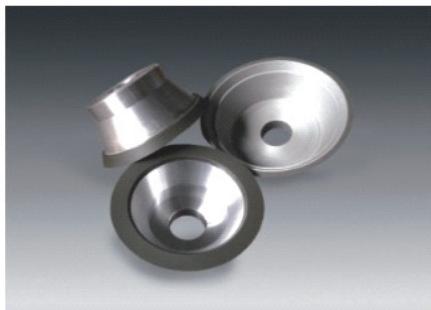


D	T	H	E	W	X
125	12		8	5	2
150	16		12	5	2
175	16		10	6	3
175	16		12	5	2
175	16		12	8	2
175	16		10	8, 10	3
230	12		8	10	2

Any other size available upon request

## 11V9 超硬工具の研削加工及び端面・平面加工 電着ボンド、アルミボディ可能

Suitable for the carbide tools, cutters grinding and the end/surface grinding as well as the electrochemical grinding,wheels with aluminum-powder body can be supplied.



D	T	H	E	K	S	U	X
50	25		6	12	5	5, 7	1.5, 2, 3
75	32		1/4	12	60,	7, 10	2, 3
90	35		10	56	70	7, 10	2, 3
100	40		10	56		7, 10	2, 3
125	40, 45		13	80		7, 10	2, 3
150	40, 45		13	80		7, 10	2, 3

Any other size available upon request

## レジンダイヤモンド&CBN ホイール

### CNC 5 軸研削盤用ダイヤ&CBN ホイール



Resin bond, High quality diamond , special technology, Used on 5-Axis CNC grinders for the grinding of tungsten carbide or HSS alloy steel tools.

### セラミック本体ダイヤ&CBN ホイール



Resin diamond/CBN wheels with ceramic body, mainly for die industry, excellent heat resistance, deep feed and high stock removal.

### プロファイル研削用ダイヤ&CBN ホイール



Profile diamond and CBN wheels for different materials such as hardened steels, tungsten carbide. Sharpness and accuracy, excellent form holding.

### 金型業界用ダイヤ&CBN ホイール



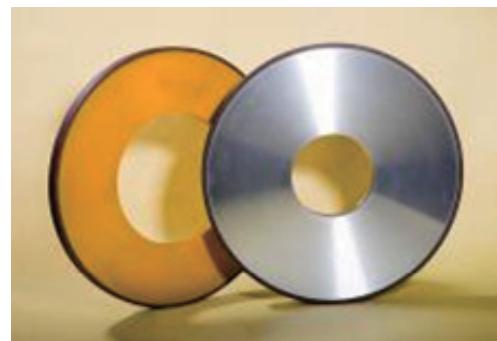
PG grinding wheel, mainly die industry, Slotting and Grooving of metal or nonmetal materials, optical curve grinding , JV Grinding and some other precision grinding.

### ダイヤ&CBN両端面研磨用ホイール



CBN Double-disc surface grinding wheel for bearing, gears, compressor parts, washers, Oil pump parts, Automobile parts, etc.

### 表面研削用ホイール



Diamond & CBN wheels for precision surface and cylindrical grinding with advanced grindability and long life.

ベースライト本体ダイヤモンドホイール



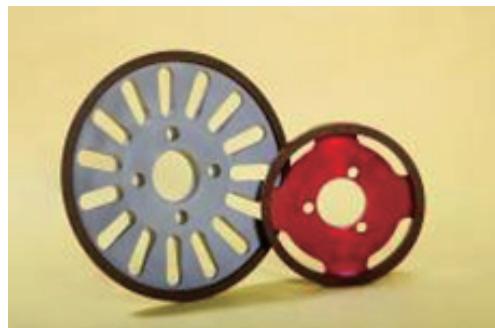
Diamond wheel with Bakelite body with good elasticity, used in woodworking industry, free cutting and long life.

切断用ダイヤモンドホイール



Diamond cutting wheels for tungsten carbide, alloys, quartz, ceramics, glasses, carbon fibre composites, fiberglass, etc.

紙工業用CBNホイール



CBN wheels for the grinding of blades used on paper manufacturing industry, HSS, hardened steel, alloy steel, etc.

木工用ホイール



Diamond/CBN wheels specially for woodworking industry and the grinding of flute, saw blade, drill, endmill, reamer, as well as HSS, sintered metals.

ベースライト本体ダイヤモンドホイール



Diamond wheel with Bakelite body for cylindrical grinding, elasticity, sharpness and accuracy.

センターレス研削用ダイヤ&CBN ホイール



Diamond & CBN centerless wheels for cutting tools, bearing parts, automobile parts, plungers, cylinders, engine valves.

## ビトリファイド ダイヤモンド&CBNホイール

自動車部品、コンプレッサー用内径研削用CBN砥石



Vitrified CBN wheels for the internal grinding of automobile parts and compressor parts.

軸受、歯車内径研削用CBN砥石



Vitrified CBN wheels for the internal grinding of bearing parts, gear parts, etc.

ビトリファイドブルーティングホイール



Vitrified diamond bruting wheel for the polishing and bruting of natural diamond. excellent performance, coarse and fine, porous and compact.

PCD、CBN研削用ビトリファイドホイール



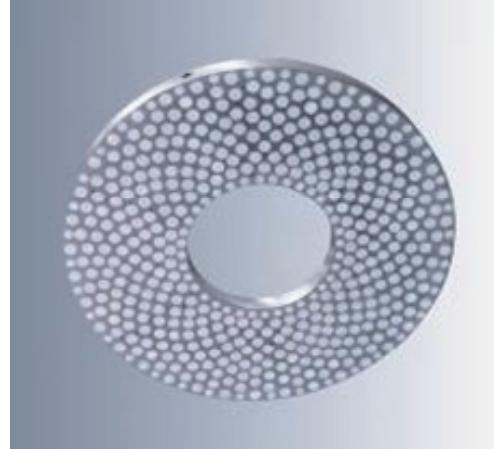
Vitrified diamond wheels for PCD and PCBN, sharpness and accuracy, porous and compact can be chosen.

クランクシャフト、カムシャフト研削用  
ビトリファイトホイール



Vitrified CBN wheels for the grinding of crankshaft and camshaft, automobile industry, high speed and high efficiency.

端面研磨用ホイール



Vitrified diamond/CBN double-disc for the grinding and lapping of tungsten carbide, glass, ceramics, HSS, tool steels, alloy steels, etc.

## 半導体工業用ダイヤモンドホイール

ダイヤモンドダイシングブレード



Diamond dicing blade for silicon wafer, ultra thin and precision, more rigidity, accuracy, prevent the operation from slant and vibration.

超薄&精密カッティングホイール



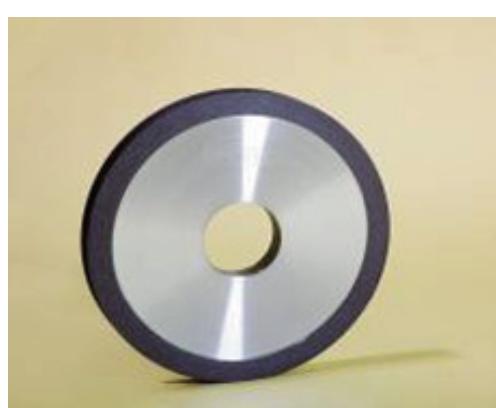
Diamond/CBN blades for the precision cutting of wafer, magnetic head, IC, LSI, optical fiber, etc. resin, metal and electroformed bonds.

ウェーハのバックグラインディング



Vitrified diamond wheel for the thinning and finishing of silicon wafer and other compound semiconductor wafers. Quality stability, Free Cutting.

レジン&メタル混合ホイール



Hybrid (resin and metal) diamond and CBN wheel, new technology, high stock removal, high heat resistance, excellent profile retention, fit on CNC grinders.

精密カッティングホイール



Metal bonded diamond wheels, ultra thin and precision, group application, excellent rigidity and accuracy, fit for deep and strong cutting.

電着ホイール



Electroplated diamond/CBN wheels for grinding, groove finishing, diamond polishing and other wheels with complicated profile for the application of metal and nonmetal.



ISO 9001: 2000



優秀サプライヤー証書

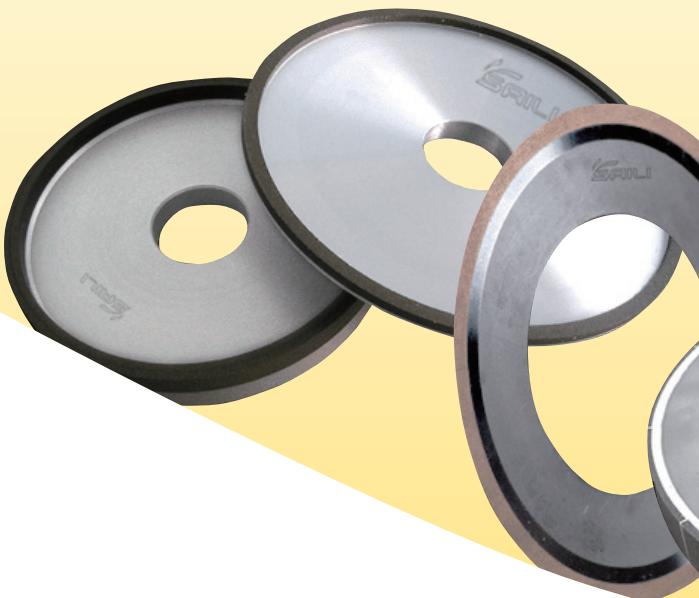


優秀サプライヤー証書



輸出製品品質認可書

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