

The image features two diamond saw blades, one in the foreground and one slightly behind it, both with a central hole and a serrated edge. In the background, there is a faint watermark of a diamond icon inside a circle, surrounded by a gear-like border. The entire scene is set against a dark green gradient background.

*HongDe*

The professional manufacturer  
of diamond tools & diamond powder

**WUXI HONGDE SUPERHARD MATERIAL CO.,LTD.**

# HONGDE Diamond Tool Division: Your valued partner for quality!!!

PRODUCTION CAREFULLY  QUALITY SERIOUSLY  SERVICE ACTIVELY

As an efficient diamond tools manufacturer for stone and construction processing industries, Hongde is producing various products since 1994 for almost any and every application using only updated production method. Our qualified products made HONGDE known as an excellent quality and service provider.

During the past 13 years, our policy of **using advanced equipment and latest technique** has never been stopped. Constantly, we create our own **R&D** (Research and develop) system to satisfy the market demand and follow the developing tendency.

Known the importance of "**stable quality**" means to our customers, Hongde always has favorable chance using and improving regularly quality control system in accordance with up-to-date technology. In order to keep outstanding standards and follow technology trend, Hongde have obtained the **ISO9001 certificated** manufacture in year 2002.

Till today, depend on actual capacity of production, we are proud of our **faithful quality** and **on-time delivery**.

In Hongde, we put emphasis on **customer service**, which enables us to serve your wishes individual, fast and flexible. Hongde team guarantee you that you will be delivered the high quality products for cutting, grinding and polishing application.

Since many years' productions of high quality tools is a guaranty for the successful activities of Hongde DiamondTool Division. Our largest demand thereby is not only supply **qualified tools** with **reasonable price** but also share our benefit with the buyer to have **Win-Win success**.

Furthremore, Hongde has based his R&D, production and know-how, also sales on a strong international base liaisons.

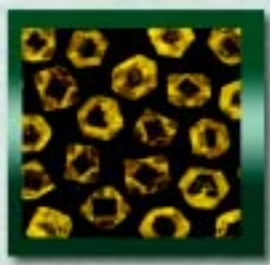
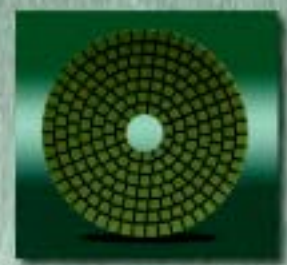
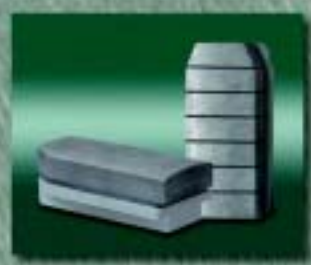
Hongde, always ready to provide customer satisfaction with own "**S.M.I.L.E**" formula.



**S.M.I.L.E**

- **STANDARD PRODUCTION**
- **MAX.-FLEXIBLE SERVICE**
- **INTEGRATED QCS (Quality Control Standard)**
- **LONG-TERM GUARANTEE**
- **EARLY DELIVERY**

**Welcome to cooperate with HONGDE TEAM!!!**



## Guide

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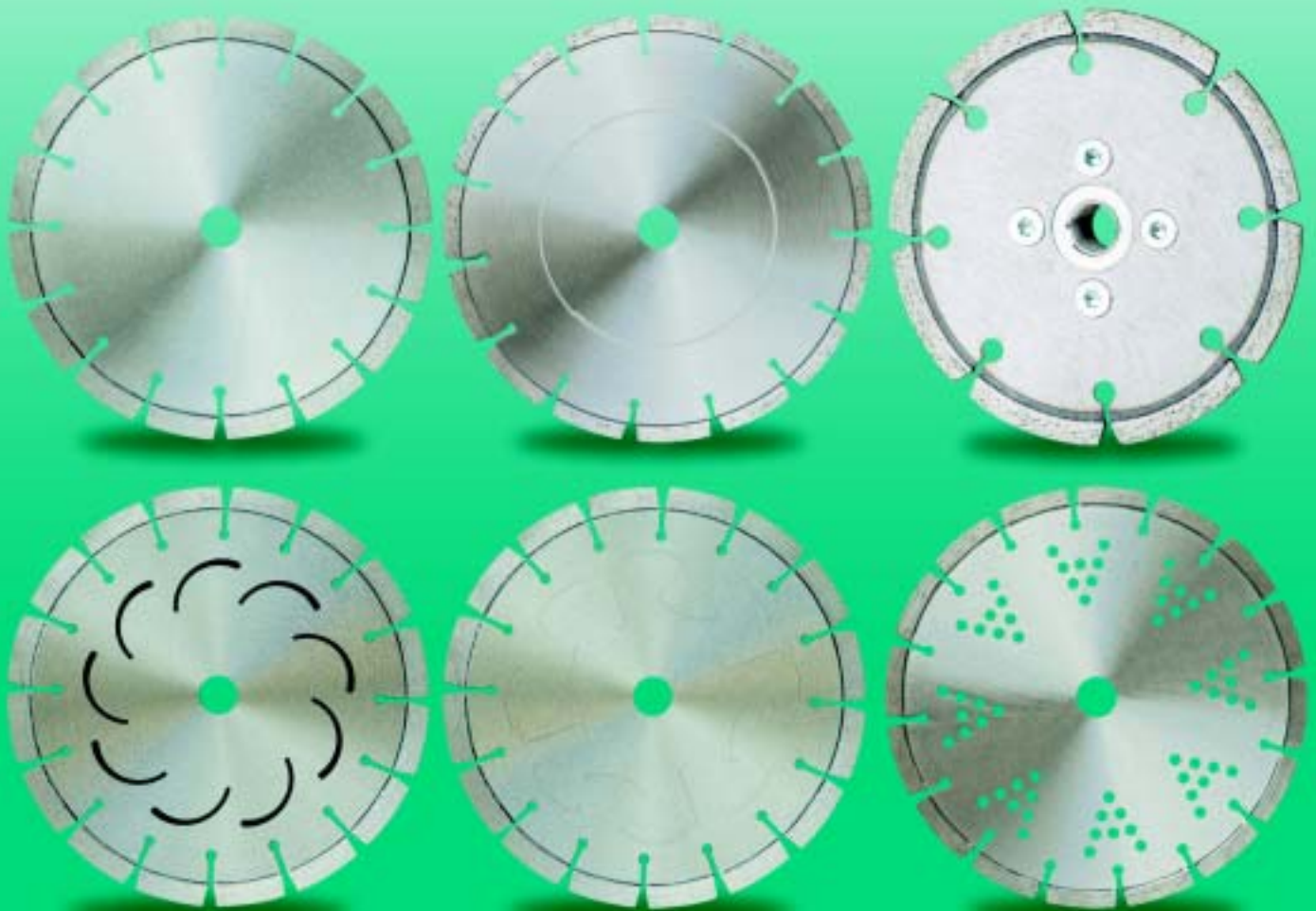


# Laser-TEC saw

Application	Granite	Green Concrete	Cured concrete	Asphalt	Wall	Abrasive	Brick
Art. No.	LGR	LCC	LCC	LAP	LWS	LAB	LBR

Bore and segment dimension size requirements are all available as request.  
**Low-noise** and **sandwich silent** steel blank are available as request.  
 Silver brazing TEC are available.

Art. No.	Diameter		Segment Height	Narrow slot style		Wide slot style	
	Inch	Metric (mm)		Segment Length	Qty. of Segment	Segment Length	Qty. of Segment
LGR	12"	300	10/15/20	40	21	20	36
	14"	350	10/15/20	40	25	20	42
	16"	400	10/15/20	40	28	20	48
	18"	450	10/15/20	40	32	20	54
	20"	500	10/15/20	40	36	20	60
	24"	600	10/15/20	40	42	20	72
	28"	700	10/15/20	40	42	20	84
	32"	800	10/15/20	40	46	20	90



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# Laser-TEC saw



Art. No.	Diameter		Segment dimension(mm)		Arbor hole / Flange
	Inch	Metric (mm)	thickness	height	
LGR LCG LCC LBR	4.5"	115	2.2	8/10/12	Hole 22.23mm or Flange M14, 22.23mm as request
	5"	125	2.2	8/10/12	
	6"	150	2.6	8/10/12	
	7"	180	2.6	8/10/12	
	9"	230	2.8	8/10/12	



**LCG SERIES**  
**CONCRETE**

Art. No.	Diameter		Segment Dimension(mm)	Qty. of Segment
	Inch	Metric (mm)	Length × Width × Height	
LCG LCC LAP	12"	300	40 × 3.0 × 12	21
	14"	350	40 × 3.2 × 12	24
	16"	400	40 × 3.4 × 12	28
	18"	450	40 × 3.5 × 12	32
	20"	500	40 × 4.0 × 12	36
	24"	600	40 × 4.5 × 12	42
	26"	650	40 × 4.5 × 12	42
	28"	700	40 × 4.5 × 12	46
	30"	750	40 × 4.5 × 12	46
	36"	900	23 × 4.5 × 12	64
	40"	1000	23 × 4.5 × 12	70
48"	1200	23 × 4.5 × 12	80	



**LAP SERIES**  
**ASPHALT**

Art. No.	Diameter		Segment Dimension(mm)	Qty. of Segment
	Inch	Metric (mm)	Length × Width × Height	
LWS	18"	450	40 × 3.5 × 12	32
	20"	500	40 × 4.0 × 12	36
	24"	600	40/20 × 4.5 × 12	36/72
	26"	650	40/20 × 4.5 × 12	36/72
	32"	800	40/20 × 4.5 × 12	46/92
	40"	1000	40/20 × 4.5 × 12	54/108
	48"	1200	20 × 4.5 × 12	65/130



**LWS SERIES**  
**WALL SAW**

Art. No.	Diameter		Segment Dimension(mm)	Qty. of Segment
	Inch	Metric (mm)	Length × Width × Height	
LAB	25"	625	40 × 4.5 × 12	39
	26"	650	40 × 4.5 × 12	39
	28"	700	40 × 4.5 × 12	42
	34"	860	23 × 4.5 × 12	64
	36"	900	23 × 4.5 × 12	64
	40"	1000	23 × 4.5 × 12	70

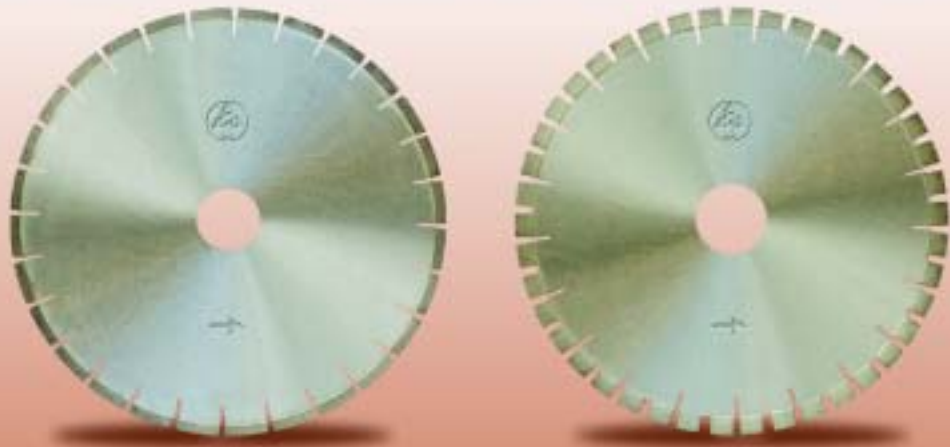


**LAB SERIES**  
**ABRASIVE CONSTRUCTION**

# Silver TEC saw for stone

Art. No.	Diameter		Segment Height	Narrow slot style		Wide slot style	
	Inch	Metric (mm)		Segment Length	Qty. of Segment	Segment Length	Qty. of Segment
SGR	12"	300	10/15/20	40	21	20	36
	14"	350	10/15/20	40	25	20	42
	16"	400	10/15/20	40	28	20	48
	18"	450	10/15/20	40	32	20	54
	20"	500	10/15/20	40	36	20	60
	24"	600	10/15/20	40	42	20	72
	28"	700	10/15/20	40	42	20	84
	32"	800	10/15/20	40	46	20	90

**Application:**  
granite, basalt quartz,  
sandstone, limestone etc.



Art. No.	Inch	Metric (mm)	Segment Dimension (mm)			Qty. of Segment
			Length	Thickness	Height	
SMA	12"	300	42	2.8	10	21
	14"	350	42	2.8	10	25
	16"	400	42	3.2	10	29
	18"	450	40	3.5	10	32
	20"	500	40	3.6	10	36
	24"	600	40	4.0	10	42
	28"	700	40	5.0	10	42
	32"	800	40	5.5	10	46

**Application:**  
marble, travertine.



Bore and segment dimension size requirements are all available as request.  
**Low-noise** and **sandwich silent** steel blank are available as request.  
Segment only is available.

# Ceramic tool

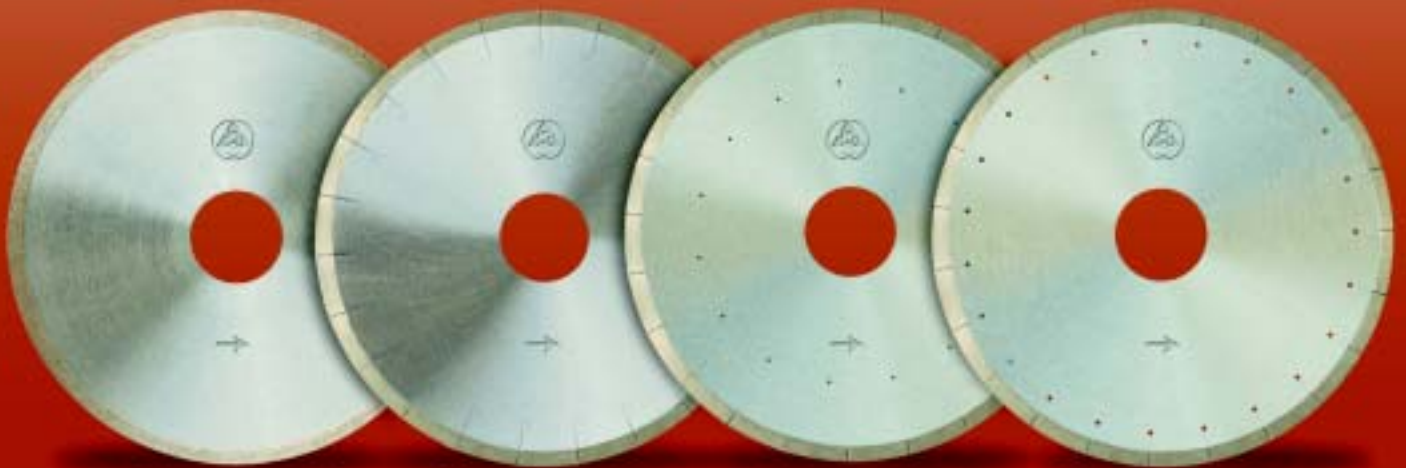


**Application:**  
ceramic, porcelain, tile,  
mosaic etc.

Art. No.	Machine System
ROL	PEDRINI, CEMAR etc. depend on different machine system

Art. No.	Diameter (mm)	Machine system
FGW	150	ANCORA,
	200	BMR,
	250	CEMAR,
	300	PEDRINI, etc.

Art. No.	Type	F.E.P.A. grain	Thickness of rim(mm)	Height of rim(mm)	Diameter (mm)
CSR	Segment rim	D302, D252, D213, D181, D151, D126	1.6~6	7/ 8 /10	180 300 200 350 250 400
CCR	Continuous rim	D252, D213, D181, D151, D126, D107, D91, D76, D64	1.8 2.0 2.2 2.4	10/12	250 300 350



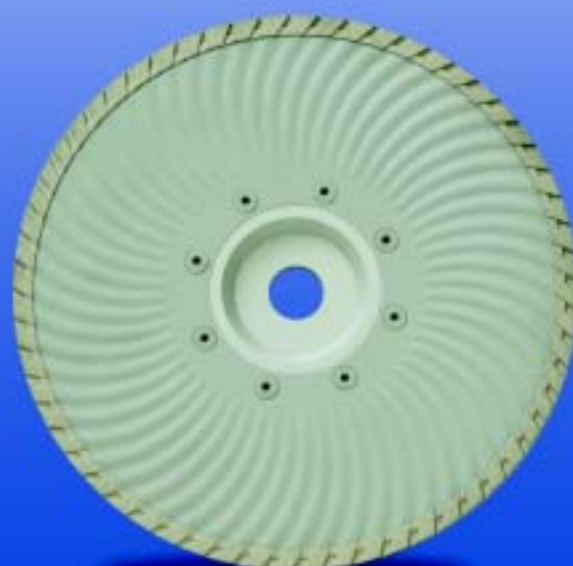
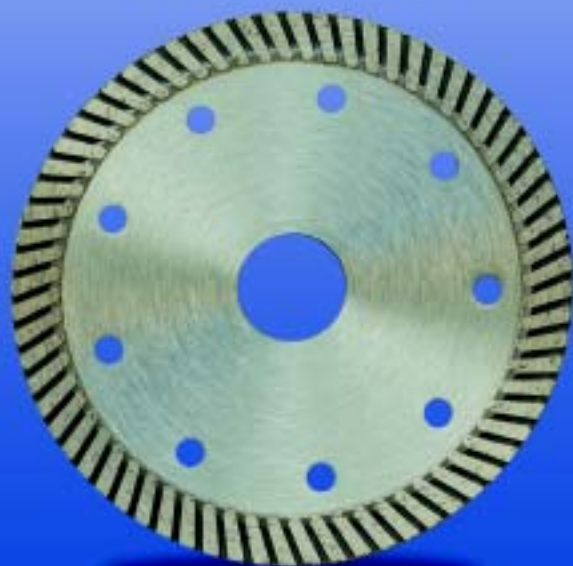
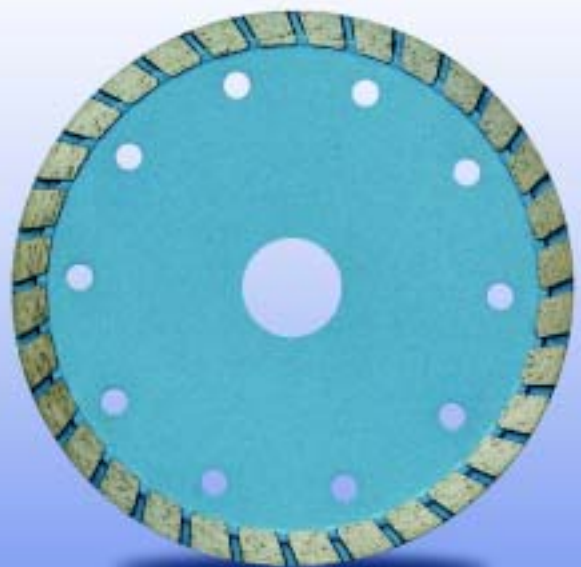
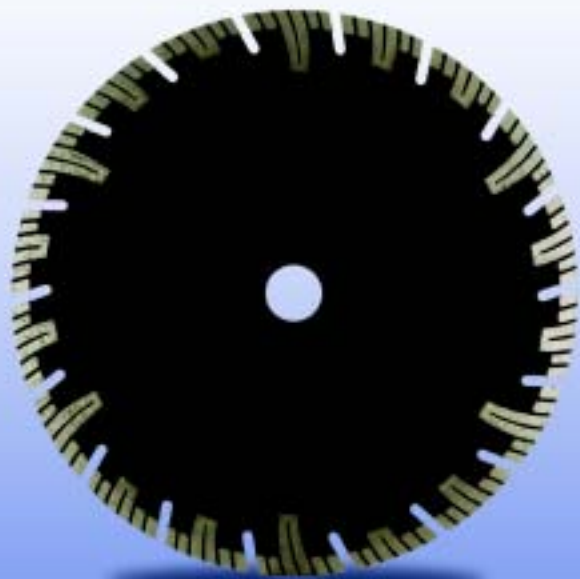
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# Sinter TEC Saw

## Application:

marble, ceramic, granite  
concrete, brick etc.

Diameter (mm)	100/105, 110/115, 125, 150, 180, 200, 230, 250, 300, 350.
Bore	hole 22.23, 50, 60mm or others as request.
Flange	M14, M16, H22.23mm as request.
Steel core/blank	normal, wave, low noise are all available.
Segment style	normal, turbo, continuous rim, reinforce segment as request

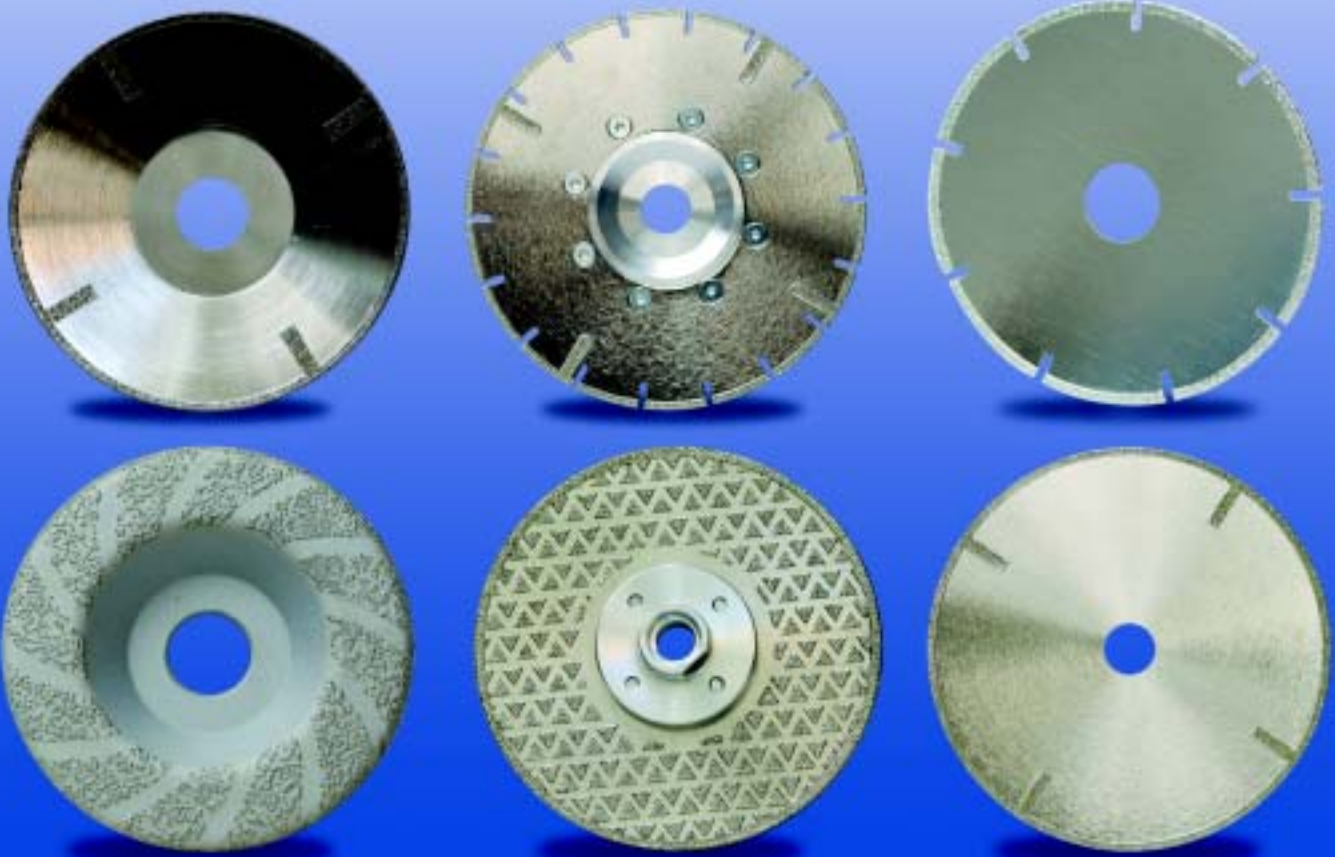


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# *Electroplated tool*



**Application:**  
marble, glass, soft  
stone, granite  
(vacuum brazing) etc.



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# Dia-Segment

- Any segment dimension size is available as request.
- Other segment such as concrete, asphalt , abrasive material etc are available.
- Laser welding segment is available.

## For saw blade cutting granite block

Art. No.	Diameter (mm)	Segment Dimension (mm)			Qty.of segment
		Length	Thickness	Height	
DSG	900	24	7/6	15	64
	1000	24	7.5/6.5	15	70
	1200	24	7.5/6.5	15	80
	1400	24	8.5/7.5	15/20	92
	1600	24	9.5/8.5	15/20	108
	1800	24	10.0/9.0	15/20	120
	2000	24	11.0/10.0	15/20	128
	2200	24	11.0/10.0	15/20/30	132
	2500	24	12.0/11.0	15/20/30	140
	2700	24	13.0/12.0	15/20/30	140
3000	24	13.0/12.0	15/20/30	160	

- **Application:**  
for granite, sandstone, limestone, brick, refractory material etc.
- **Segments type:**  
block, sandwich block, sandwich taper, sandwich pagoda as request are available.
- Other sizes as request are available.

## For saw blade cutting marble block

Art. No.	Diameter (mm)	Segment Dimension (mm)			Qty.of segment
		Length	Thickness	Height	
DSM	900	24	7.5	12	64
	1000	24	7.5	12	70
	1200	24	8.0	12	80
	1400	24	8.0	12	92
	1600	24	9.0	12	108
	1800	24	9.0	12	120
	2000	24	10.5	15	128
	2200	24	11.0	15	132
	2500	24	12.0	15	140

- **Application:**  
for for marble, travertine, soft stone etc.
- **Segments type:**  
block, sandwich block as request are available.
- Other sizes as request are available.





Art. No.	Diameter (mm)
RP	100 150
RR	125
RRP	250 300 400

Roller only is available.  
Other mechanical part as request.



RP Series



RR Series



RRP Series

# Grinding tool

## Grind cup wheel

Art. No.	Application	Available diameter	Adapter
TB	Stone / Concrete	4" (100) / 5" (125)	Hole 22.23, M14, M16, 5/8"-11F or other are available for special purpose
SR	Concrete / Stone	4" (100) / 5" (125) / 7"(180)	
DR	Concrete / Stone	4" (100) / 5" (125) / 7"(180)	
SW	Concrete / Stone	4" (100) / 5" (125) / 7"(180)	



SW



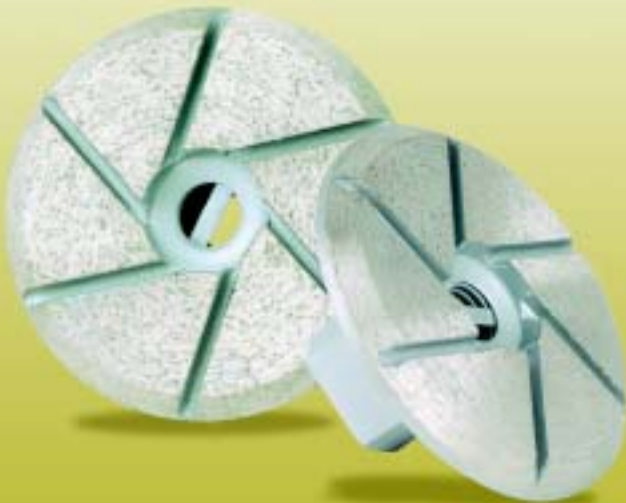
SR



DR



TB



### CNC Grinder

Grinding wheel for CNC system is available.



Brick





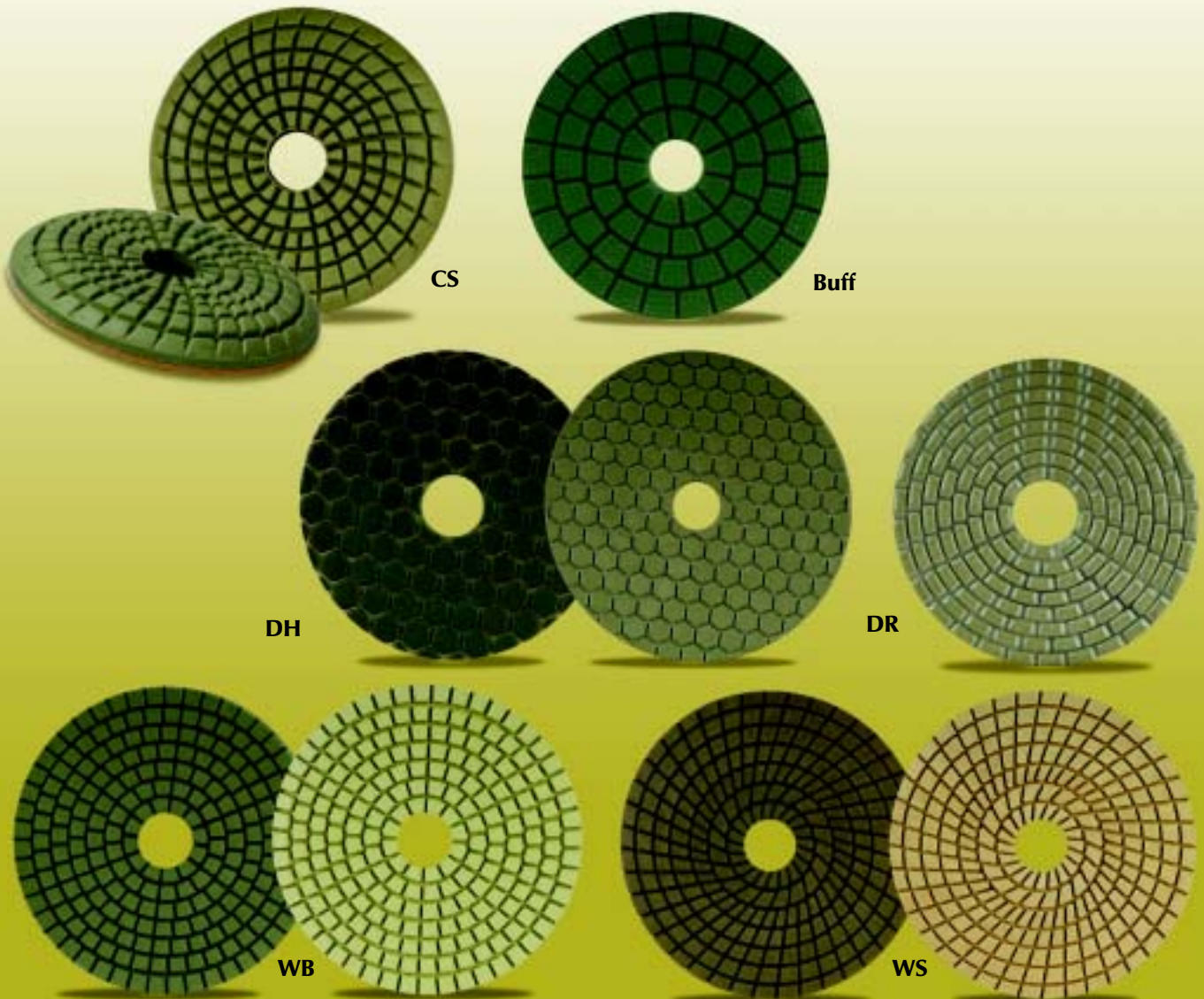
# Polishing tool



Frankfurt

DiaFLX polishing pad

Art. No.	Application	Available diameter	Grit
WS	 WET	3" (80) / 4" (100) / 5" (125)	50#, 100#, 200#, 400#, 800#, 1500#, 3000#, BUFF (green), or other grit such as 60#, 1200#, 2000#, 5000# all are available for special purpose
WB		3" (80) / 4" (100) / 5" (125)	
CS		3" (80)	
DH	 DRY	3" (80) / 4" (100) / 5" (125)	
DR		3" (80) / 4" (100) / 5" (125)	



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# Profile tool



**Demi Bullnose**



**Knoll**



**Ogee**



**Dupont**



**Shape O**



**Full Bullnose**





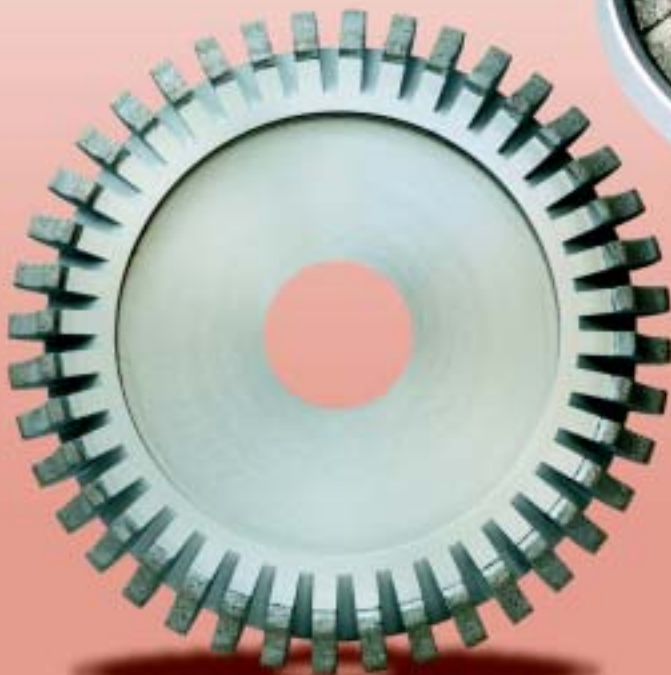
**Round Groove**



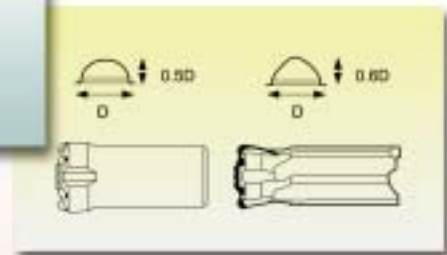
**Straight**

Style available	Electroplated-TEC	Vacuumed brazing-TEC	Sintered segment-TEC
Application	marble, glass, ceramic etc.	marble, soft granite	granite, marble, ceramic etc.

Diameter (mm)	Connection way	Machine system
300 or 350	hole 50 or 60mm or as request	bridge cutter system 
80-100	adapter M14 or as request	handing grinder 



# Wire & bead



Application	quarry or factory
Diameter specification	9 / 9.5 / 10.5 / 11 mm
Connection	rubber / plastic / spring mounting
R.P.M	18-36m / sec
No. of beads	certain number beads per meter as request
Application	granite, marble, concrete or other materials as requested
Length	as requested

**Bit**



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# WUXI HONGDE

**WUXI HONGDE SUPERHARD MATERIAL CO.,LTD.**

Dingchang Bridge Lixi Road Wuxi, Jiangsu 214074-China

Tel: 0086-510-85110042 Fax: 0086-510-85101515

<http://www.hongder.com>

E-mail: [sales@hongder.com](mailto:sales@hongder.com) [hongde@wst.net.cn](mailto:hongde@wst.net.cn)