

# Diamond Lapidary and Glass Tool



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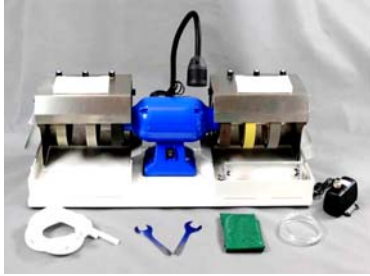
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# CABBING GRINDER

## 8" Lapidary Cabochon Cabbng Grinder

This Cabbng Grinder Machine with 1" stainless steel shafts and ball bearings, 7pcs Aluminums



Spacers and Flanges and locknut It also has a 3/4HP Thermal protected ball bearing motor, the Hood process by 304 stainless steel. We also can supply a adjustable drip water system with 8 shut off valves for each wheel. The shaft is tapped for a 1/4-20 spin-on polish head at right ends and tapped for a 1/2" Aluminum lap or

Diamond Facet Laps at left ends. Accepts silicon carbide or diamond wheels or rubber expandable drums.

### Features:

- ◆ Durable, direct drive 3/4HP, 1800RPM motor
- ◆ 220/240/110V optional
- ◆ Independently controlled drip water cooling system
- ◆ Stainless steel, removable, independent hood.
- ◆ Rust free, easy to clean, drip pans can be set up for forward or rear drainage
- ◆ Separate Mute submersible water pump
- ◆ Water drainage system to eliminate constantly draining drip pans
- ◆ Two Hood Splash Guard
- ◆ Four Wheel Splash Guard
- ◆ 2pcs Plastic Stone Boxes
- ◆ One Waterproof Pinafore
- ◆ One Hand Rest
- ◆ A Couple Water pipe
- ◆ One LED lamp
- ◆ Motor noise is less than 62 db
- ◆ 5/8" shafts and ball bearings With 1" alloy aluminum shaft sleeve, Versatile shaft which can accept a variety of 1" arbor wheels

- ◆ Each One of 8"x1.5" 280,600,1200,3000 Grit Diamond Soft Grinding Wheels
- ◆ One 8"x1.5" 80 ,220 Diamond Hard Grinding Wheel
- ◆ One 8"x1/2" 360Grit Diamond Standard Faceting Lap
- ◆ One 8" 14000 Diamond Prepolishing Pad

### **6" Lapidary Cabochon Cabbing Grinder**

This Cabbing Grinder Machine made by our company, with 5/8" shafts and ball bearing. With



1" alloy aluminum shaft sleeve suit for 1 " hole wheel and expandable drums, 7pcs Aluminums Spacers and Flanges (Suit for two type popular wheel) and locknut It also has a 1/4 HP Thermal protected ball bearing motor, the Hood process by Alloy aluminum and powder coating, The Cover has two U-Slot for easy remove, We

also supply a adjustable drip water system with 8 shut off valves for each wheel. The shaft is tapped for a 1/4-20 spin-on polish head at right ends and tapped for a 1/2" Aluminum master lap or Diamond Facet Laps at left ends.

Accepts silicon carbide or diamond wheels or rubber expandable drums.

Features:

- ◆ Durable, direct drive 1/4 HP, 1800RPM motor
- ◆ 220/240/110V optional
- ◆ Independently controlled drip water cooling system
- ◆ Alloy aluminum, removable, independent hood.
- ◆ Rust free, easy to clean, drip pans can be set up for forward or rear drainage
- ◆ Separate Mute submersible water pump
- ◆ Water drainage system to eliminate constantly draining drip pans
- ◆ Two Hood Splash Guard
- ◆ Four Wheel Splash Guard
- ◆ Two Plastic Stone Boxes
- ◆ One Waterproof Pinafore
- ◆ One Hand Rest

- ◆ A Couple Water pipe
- ◆ One LED lamp
- ◆ Motor noise is less than 62 db
- ◆ 5/8"shafts and ball bearings With 1"alloy aluminum shaft sleeve, Versatile shaft which can accept a variety of 1" arbor wheels
- ◆ Each One of 6"x1.5" 280Grit,600Grit,1200Grit,3000Grit Diamond Soft Grinding Wheels
- ◆ One 6"x1.5" 80Grit ,220Grit Diamond Hard Grinding Wheel
- ◆ One 6"x1/2" 360Grit Diamond Standard Faceting Lap
- ◆ One 6" 14000Grit Diamond Prepolishing Pad

### **6X6 Stainless Steel Arbor**

This machine made by Our Company in an all 304 grade stainless steel construction, 3/4"



stainless steel shafts and ball bearings. It also has a rear mounting plate and motor hood, We also can supply a adjustable drip water system with 6 valves for each wheel. Water system mounts are on the back of the machine. The Cover has four hold down screws for easy removal, the shaft is tapped for a 1/4-20 spin-on polish head at

both ends, the machine comes with only a right hand spin on head and features a front drain valve. accepts silicon carbide or diamond wheels or rubber expandable drums.

Features:

- ◆ 3/4" stainless steel shafts and protected ball bearing
- ◆ Ø 220/240/110V optional
- ◆ Machine Dimensions – 660mm W x 330mm L x 215mm H
- ◆ 1 year warranty on machine and motor (motor can ships separately)
- ◆ Machine without motor wt.
- ◆ Motor with centrifugal switch wt.
- ◆ Drip Water Tank
- ◆ includes spacers, flanges each 12pcs and motor pulley
- ◆ Each one of 6"x1.5" 280 Grit,600 Grit,1200 Grit,3000 Grit Diamond Soft Grinding Wheels

- ◆ One 6"x1.5" 80 Grit,220 Grit Diamond Hard Grinding Wheel
- ◆ One 6"x1/2" 360 Grit Diamond Standard Faceting Lap
- ◆ One 6" 14000 Grit Diamond Prepolishing Pad

## **DIAMOND TRIM SAW**

### **8 Inch Combination Lapidary Trim Saw**



Sealed ball bearings mounted in rubber for quiet and smooth operation, Completely mounted on Lam-I-Cushion base; Spray plating Rust-proof metal castings, Continuous variable speed control, Quick change hood and buff, Adjustable cab and wheel rest

6"x0.3x3/4" hole diamond saw blade and 6"x1"x3/4" Diamond Wheel 180Grit did not supply with machine. Life has cool bath and control valve in back of bath. adjustable drip water system ,Diamond Plastic or Steel Hub Diamond Grinding Wheel,1/3 HP, 220v,230v or 110v motor, cord, switch, belt and belt guard The shaft is tapped for a 1" spin-on polish head at right ends. Features a front drain valve.

### **10 Inch Diamond Lapidary Slab Saw**



Hold down hook for keeping material firmly in place, Easy to use for hand trimming material, Adjustable blade guard, Power feed with

over-running clutch and auto off switch,1/3 H.P. motor, Steel hood  
 10" x .040" x 5/8" Blade

### Completed Machine Price list

Products	Order No.
8" Grinder 220V 1" Shaft	DGC-8-220
8" Grinder 220V 1" Shaft	DGC-8-110
6" Grinder 110V 5/8" Shaft	DGC-6-110
6" Grinder 220V 5/8" Shaft	DGC-6-220
6" Stainless Steel Arbor none motor	SSL6-None
8" Combine Rim Saw 220V	CRS-8-220
10" Slab Saw 220V	SS-10-220

Saw O.D	8"-10"	Note
Saw Arbor	5/8"	N/A
Speed	2000RPM	N/A
Power	1/3HP	N/A
Volt	220V	N/A
Dimension	450×370×800mm	N/A

# DIAMOND GRINDING WHEEL

## Resin Diamond Soft Grinding Wheels

Diamond Resin Bond Grinding Wheel has lasts 3-4 times longer than imported wheels



guaranteed Performance Excellent Softness, Compare to others company wheels, Our Lapidary Diamond Soft Wheels consist of a hard plastic hub with a layer of foam between the hub and belt. This wheel will perform very aggressively and has a slight drape to eliminate scratching and flat spots. Fast, sanding and

polishing stones doesn't have to be a tiresome battle with flat spots and scratches. Our Lapidary Diamond Soft Grinding Wheels get results fast. The diamonds are embedded within a tough, flexible plastic resin and backed by soft, thick sponge. This soft, flexible construction enables the surface of the Soft Wheel to conform to your stones, eliminating flat spots and scratches. Must be used with water. Our wheel has steel ring and plastic core, it has a 1" arbor comes with bushings to adapt to 1/2, 5/8 or 3/4 inch shafts. Available in a variety of grits and sizes, all wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.

6" x1.5 Diamond Resin Grinding Wheels	DRSW6	60
8" x1.5 Diamond Resin Grinding Wheels	DRSW8	140-325
		600-50000
		60
8"x2" Diamond Resin Grinding Wheels	DRSW82	140-325
		600-50000
		60
6" x1.5 Diamond Resin Grinding Wheels	DRSW6	140-325
		600-50000
		60

## Diamond Premium REZ Soft Wheel

Diamond Resin Premium REZ Wheels are aggressive resin wheels used for Cabbing, forming, contour grinding and pre-polishing stone, glass, synthetic material and even some metals. They



are efficient wheels and well-suited for high volume commercial Cabbing. Our Diamond Resin Premium Wheels are an excellent choice for high volume commercial Cabbing. Using a proprietary technique, commercial grade diamonds are locked

into a specially formulated resin-bonded belt that is mounted on a medium density foam backing with plastic center core. The medium density foam backing absorbs pressure and provides a cushion so that the wheel conforms to your stone. Due to their napped nature, these wheels require a break-in period prior to working on your jewelry pieces. All wheels have 1" arbor holes and come with bushings to accommodate 1/2", 5/8" and 3/4" arbors.

Products	Order Code	Grit Size
6" x1.5 Diamond Resin Grinding Wheels	DNRSW6	60
		140-325
		600-50000
8" x1.5 Diamond Resin Grinding Wheels	DNRSW8	60
		140-325
		600-50000
8"x2" Diamond Resin Grinding Wheels	DNRSW82	60
		140-325
		600-50000

## Diamond Flat Grinding Wheel

Lapidary Diamond Wheel and Lapidary Rock Grinding Polishing Wheel for cabochon machine, Lapidary equipment, lapidary supplies for rock-hounds and hobbyists, such as Cabbing



Machines, Faceting Machines, cab lapidary machine and Lapidary Grinder Polisher that is did Clean Fast. The premium lapidary wheel for general use in grinding and sanding gemstones, rocks, ceramics or glass. The nickel bonded is

electroplated diamond on the peripheral surface of a precision turned, seamless, steel rim. They are particularly well suited for glass beveling, cold glass working and lapidary working, We also have wheels for your Titan machine with steel ring and plastic core Arbor is 1" and comes with bushings to adapt to 1/2, 5/8 or 3/4 inch shafts. Available in a variety of Grits and sizes.

Products	Order Code	Grit Size
6" x1.5 Plastic Hub Grinding Wheels	DGW6	45Grit
		60-100Grit
		180-1200Grit
8" x1.5 Plastic Hub Grinding Wheels	DGW8	45Grit
		60-100Grit
		180-1200Grit
6" x1.5 Steel Hub Grinding Wheels	DSGW6	45Grit
		60-80Grit
		100-1200Grit
8" x1.5 Steel Hub Grinding Wheels	DSGW8	45Grit
		60-80Grit
		100-1200Grit



## Diamond Textured Grinding Wheels

These Wheels are made with a cross hatch pattern that allows for fast grinding. the new textured



design also prevents chipping of Lapidary  
We offer both metal and plastic hubs. The  
are heavier which means more grinding  
Excellent quality as the regular diamond  
with a grooved texture, the interrupted  
surface improves the rate of stock



and Glass.  
metal hubs  
force.  
wheels, but  
texture  
removal

and keeps the cutting action clean, fast and free. all wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.

Products	Order Code	Grit Size
6" x1.5 Plastic Hub Diamond Textured Grinding Wheels	DTWC6	45Grit
		60-100Grit
		180-1200Grit
8" x1.5 Plastic Hub Diamond Textured Grinding Wheels	DTWC8	45Grit
		60-100Grit
		180-1200Grit
6" x1.5 Steel Hub Diamond Textured Grinding Wheels	DSTWC6	45Grit
		60-80Grit
		100-1200Grit
8" x1.5 Steel Hub Diamond Textured Grinding Wheels	DSTWC8	45Grit
		60-80Grit
		100-1200Grit

## Diamond Spherical Grinding Wheels

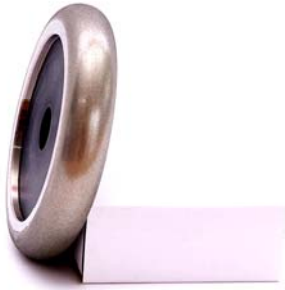
Diamond Radius and Spherical Surface Grinder Grinding Wheel made with a light weight wheel featuring a seamless steel rim. It is a fantastic tool for both removing punty marks and carving designs and lenses into your work. Placed into a bench grinder this wonderful little tool is limited only by your imagination with what it can accomplish for you. They provide a high visibility at the point of contact and are excellent for the quick removal of punty marks. All wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.



Products	Order Code	Grit Size
6" x1.5 Plastic Hub Diamond Spherical Grinding Wheels	DSWC6	45Grit
		60-100Grit
		180-1200Grit
8" x1.5 Plastic Hub Diamond Spherical Grinding Wheels	DSWC8	45Grit
		60-100Grit
		180-1200Grit
6" x1.5 Steel Hub Diamond Spherical Grinding Wheels	DSSWC6	45Grit
		60-80Grit
		100-1200Grit
8" x1.5 Steel Hub Diamond Spherical Grinding Wheels	DSSWC8	45Grit
		60-80Grit
		100-1200Grit

## Diamond U-Shape Grinding Wheels

The Diamond U Shape Profile Wheel is Rounded Face Curved tool when doing carving, intarsia, channel work, stained glass and other applications that require curved edges. Use the 1/4" and 1/2" widths for narrow grooves and the 1" wide for larger ones. Four wheel diameters increase your choices., Available in a variety of grits and sizes. All wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits



and sizes.

Products	Order Code	Grit Size
4"x1"Diamond U Shape Carving Grinding Wheels	DUSGW4	60 Grit -600Grit
6"x1"Diamond U Shape Carving Grinding Wheels	DUSGW6	60 Grit -600Grit

## Diamond V-Shape Grinding Wheels

The V Shape is a Profile Wheel made with high quality nickel plated diamond on steel can carve intarsia, channel work, stained glass and other applications that require curved edges. Any specifications are available according to customer's requirements. Welcome to customize by supplying samples and polishing workpiece! .All wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.



Products	Grit Size	Order Code
4"x1"x1"	30Grit-600Grit	DCWSS41
4"x1"x1/2"	30Grit-600Grit	DVSGW412
4"x1"x1/4"	30Grit-600Grit	DVSGW414
4"x1"x1/8"	30Grit-600Grit	DVSGW418
6"x1"x1"	30Grit-600Grit	DVSGW61
6"x1"x1/2"	30Grit-600Grit	DVSGW612
6"x1"x1/4"	30Grit-600Grit	DVSGW614
6"x1"x1/8"	30Grit-600Grit	DVSGW618
8"x1"x1"	30Grit-600Grit	DVSGW81
8"x1"x1/2"	30Grit-600Grit	DVSGW812
8"x1"x1/4"	30Grit-600Grit	DVSGW814
8"x1"x1/8"	30Grit-600Grit	DVSGW818

## Diamond Convex Carving Wheels



Our Diamond convex carving wheels have special shapes and sizes for helping the sculptor grind those difficult grooves and curves in stone. Use these rounded-faced carving wheels when doing carving, intarsia, channel work, stained glass and other applications that require curved edges. Use the 1/4" and 1/2" widths for narrow grooves and the 1" wide for larger ones.

Hub widths vary between wheel diameters (2", 4", 6" and 8"), but not between wheel widths (1/4", 1/2" and 1") Hub width for all 2" dia. carvers is 3/4"; for 4" dia. is 1 1/4"; for 6" dia. is 1"; and for 8" dia. is 1 1/2". all wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.

Order Code	Products	Grit Size
DCWSS41	4"x1"x1"	30Grit-600Grit
DCWSS412	4"x1"x1/2"	30Grit-600Grit
DCWSS414	4"x1"x1/4"	30Grit-600Grit
DCWSS418	4"x1"x1/8"	30Grit-600Grit
DCWSS61	6"x1"x1"	30Grit-600Grit
DCWSS612	6"x1"x1/2"	30Grit-600Grit
DCWSS614	6"x1"x1/4"	30Grit-600Grit
DCWSS618	6"x1"x1/8"	30Grit-600Grit
DCWSS81	8"x1"x1"	30Grit-600Grit
DCWSS812	8"x1"x1/2"	30Grit-600Grit
DCWSS814	8"x1"x1/4"	30Grit-600Grit
DCWSS818	8"x1"x1/8"	30Grit-600Grit

## Diamond Concave Grinding Wheels



It works well in gemstone grinding, also for construction material, furniture, jewelry etc. hard and brittle materials, metal material, hard alloy materials outline process, electrochemical grinding. With the feature fine machined surface and long service life etc., mainly applicable for grinding and polishing gemstone, jewelry, marble, glass, HSS, carbide, tungsten steel, stones, concrete, ceramic, asphalt and so on. Specially for gemstone grinding. All wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.

Order Code	Products	Grit Size
DCGW41	4"x1"x1"	30Grit-600Grit
DCGW412	4"x1"x1/2"	30Grit-600Grit
DCGW414	4"x1"x1/4"	30Grit-600Grit
DCGW418	4"x1"x1/8"	30Grit-600Grit
DCGW61	6"x1"x1"	30Grit-600Grit
DCGW612	6"x1"x1/2"	30Grit-600Grit
DCGW614	6"x1"x1/4"	30Grit-600Grit
DCGW618	6"x1"x1/8"	30Grit-600Grit
DCGW81	8"x1"x1"	30Grit-600Grit
DCGW812	8"x1"x1/2"	30Grit-600Grit
DCGW814	8"x1"x1/4"	30Grit-600Grit
DCGW818	8"x1"x1/8"	30Grit-600Grit

## Diamond Sintered Grinding Wheels

When you've got to make more cabs than you can count, it's time to go sintered. The longest lasting wheels on the market today, with a full 5 mm of diamond matrix, and solid aluminum cores; you won't believe how long these wheels last. Sintered wheels will also cut just as aggressively on the first cab as the last. If you haven't used sintered wheels before, we recommend you order one Grit size larger for sintered diamond tools as compared to plated or brazed parts. Reducer rings available to fit most machines. all wheel arbor is 1" comes with reducing bushing in 3/4", 5/8", and 1/2". Available in a variety of Grits and sizes.



Products	Grit Size	Wholesale Price
4"x1.5" Diamond Sintered Grinding Wheels	60 Grit -600Grit	US\$110.00
6" x1.5" Diamond Sintered Grinding Wheels	60 Grit -600Grit	US\$250.00
8" x1.5" Diamond Sintered Grinding Wheels	60 Grit -600Grit	US\$330.00

# POLISHING LAP and PAD

## Diamond Full Face Faceting Lap

Our full face diamond flat laps are manufactured using the highest quality diamonds to provide you a longer grinding life and clean, faster cutting. They are nickel electroplated using commercial grade diamonds uniformly onto a 1mm thick steel plate. That steel plate can be bonded to a 1/4" thick aluminum base with a 1/4"-20 thread on the backside. Since these full face laps do not arbor holes in the middle of them like most laps do, this allows you more surface area to grind larger pieces. We offer a variety of different grits, ranging from 60 to 3,000. They screw into the right shaft of the 6" Lapidary Cabbng machine and the 8" Lapidary Cabbng machine. You can also use them on other Cabbng machine brands that accept a 1/4"-20 thread.



Diameter	Backing + Hole	Grit Size
6 inch	1/4"-20 thread	60Grit-3000Grit
8 inch	1/4"-20 thread	60Grit-3000Grit



## Diamond Channel Faceting Laps

Diamond Channel Laps have a textured surface which allows for more contact of the diamond surface since the debris is whisked away through the channels. For Faster, Cleaner Cutting. A premium metal bonded diamond lap with island type plateaus separated by channel depressions. The lap come with a standard pre attached aluminum master lap. Can be used for general cutting purposes. They are similar to Regular laps except that the surface of the lap has randomly spaced channels surrounding diamond impregnated "islands." The channel depressions allow cutting debris to be quickly flushed away. The result is quick cutting action. 1/2" Standard Hole size.



Diameter	Backing	Grit Size	Order No.
6 inch	Aluminum Master	60Grit-3000Grit	DCFL-6
8 inch	Aluminum Master	60Grit-3000Grit	DCFL-8

## Diamond Ripple Faceting Lap

These laps have a textured surface which allows for more contact of the diamond surface since the debris is whisked away through the channels. The lap come with a standard pre attached aluminum master lap. Cut even faster than Channel laps. The 100 grit lap cuts like a 40 grit and the 180 cuts like a 60 grit lap. Fresh diamond continues to be exposed as the ripple sections of the lap wear down. If you want to remove material really fast, this is the lap for you. 1/2" Standard Hole size.



Diameter	Backing	Grit Size
6 inch	Aluminum Master	60Grit-3000Grit
8 inch	Aluminum Master	60Grit-3000Grit

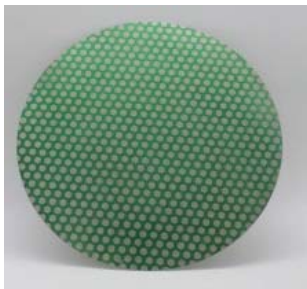
## Diamond Standard Lap



Diamond Standard Lap was Quality diamond replacement disks 6", 8" Facet Lap Machine or other lapidary equipment using a 6" Master Lap. Available in a comprehensive series of grits for all your sanding, shaping and polishing needs. Secured to a master lap by mechanically clamping them. They are not pressure sensitive backs. Grinding and shaping lapidary cabochons; Grinding and shaping stone for intarsia projects; Create gemstone perform Sanding and pre-polishing. 1/2" Standard Hole size.

Diameter	Backing	Grit Size
6 inch	Aluminum Master	60Grit-3000Grit
8 inch	Aluminum Master	60Grit-3000Grit

## Diamond Dot Faceting Disc



Diamond Dot Electroplated Abrasives are precision abrasives. This product is a thin solid sheet of springy metal, with dots of diamond abrasive electroplated directly to the base sheet. We use 100% diamonds electroplated onto the surface with nickel. This creates a highly durable, rust free disk for all your grinding needs. The back of the disk has a rubberized Master lap applied to it which allows for easy application to flat laps in 1/2" arbor shaft.

Diameter	Backing	Grit Size
6 inch	Aluminum Master	60Grit-3000Grit
8 inch	Aluminum Master	60Grit-3000Grit

## Diamond Top Plates Disc

The perfect tool for the commercial cutter or serious hobbyist. Diamond top plates just 1.0mm thickness is easy to apply to backing plates. All diamond top plates can come with PSA, Magnetic and Without Backing. Diamond discs are available in a wide range of mesh sizes for rough grinding and fine grinding of all precious gem material applications include performing rough and fine grinding on faceting material plus general lapidary grinding when precision is required. A controlled concentration of diamond bonded onto a precision backing plate ensures consistent grinding and surface finishes. Diamond discs are bonded to a precision ground with precision 1/2" Hole.



Products	Order Code	Grit Size
6" x1/2" Diamond Flat Lap Disc	DDTPN6	60
		80-100
		180-280
		360-3000
8" x1/2" Diamond Flat Lap Disc	DDTPN8	60
		80-100
		180-280
		360-3000
10" x1/2" Diamond Flat Lap Disc	DDTPN10	45
		60-100
		180-280
		360-3000
12" x1/2" Diamond Flat Lap Disc	DDTPN12	45
		60-100
		180-280
		360-3000
14" x1/2" Diamond Flat Lap Disc	DDTPN14	60
		80-100
		180-280
		360-600
16" x1/2" Diamond Flat Lap Disc	DDTPN16	60

		80-100
		180-280
		360-600
18" x1/2" Diamond Flat Lap Disc	DDTPN18	60
		80-100
		180-280
		360-600
24" x1/2" Diamond Flat Lap Disc	DDTPN24	60
		80-100
		180-280
		360-600

## Diamond Magnetic Disk

These diamond plated laps are manufactured exclusively for Glassworks right here in CHINA.



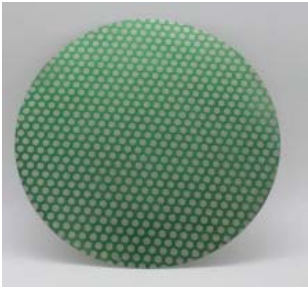
We use 100% natural DeBeers diamonds electroplated onto the surface with nickel. This creates a highly durable, rust free disk for all your grinding needs. The back of the disk has a rubberized magnetic applied to it which allows for easy application to the metal wheel head of your grinder. This magnetic system makes changing from one Grit to the next extremely easy. Diamond Disk only 2.3mm thickness with

magnetic backing, It easily rectify the distortion of disc and flat attach it to plates of grinder

Products	Backing	Order Code	Grit Size
6" None Hole Diamond Flat Lap Disc	Magnetic Plate	DDTPN6	60
			80-100
			180-280
			360-3000
8" None Hole Diamond Flat Lap Disc		DDTPN8	60
			80-100
			180-280
			360-3000
10" None Hole Diamond Flat Lap Disc		DDTPN10	45
			60-100
			180-280
			360-3000
12" None Hole Diamond Flat Lap Disc		DDTPN12	45
			60-100
			180-280
			360-3000
14" None Hole Diamond Flat Lap Disc	DDTPN14	45	
		60-100	
		180-280	
		360-600	

16" None Hole Diamond Flat Lap Disc	DDTPN16	45
		60-100
		180-280
		360-600
18" None Hole Diamond Flat Lap Disc	DDTPN18	45
		60-100
		180-280
		360-600
24" None Hole Diamond Flat Lap Disc	DDTPN24	45
		80-100
		180-280
		360-600

## Diamond Dot Lap Disc



Diamond Dot Electroplated Abrasives are precision abrasives. This product is a thin solid sheet of springy metal, with dots of diamond abrasive electroplated directly to the base sheet. We use 100% diamonds electroplated onto the surface with nickel. This creates a highly durable, rust free disk for all your grinding needs. The back of the disk has a rubberized Master lap applied to it which allows for easy application to flat laps in 1/2" arbor shaft.

Diameter	Backing	Grit Size
6inch	Magnetic	60Grit-3000Grit
8inch	Magnetic	60Grit-3000Grit
10inch	Magnetic	60Grit-3000Grit
12 inch	Magnetic	60Grit-3000Grit
14 inch	Magnetic	60Grit-3000Grit
16 inch	Magnetic	60Grit-3000Grit
18 inch	Magnetic	60Grit-3000Grit
24inch	Magnetic	60Grit-3000Grit

## Diamond Smoothing Pads

Diamond Soft Pads/smoothing Discs(nova Laps) ensure rapid removal of grinding marks and



high spots on **gemstones, glass** and **Glass eye** etc. The key to the fast smoothing action of the discs is diamond resin bonded to a flexible **surface. Diamond** Smoothing pads are guaranteed to out-perform silicon carbide discs and diamond compound finishing systems. All discs come with a pressure sensitive adhesive Magnetic backing. They will adhere to most lags or

backing plates. This state of the art finishing system can be used with almost any machine. This is the same finishing system used on the Heavy Duty Grinder and Polishing Machine and the Hi-Tech All-U-Need Cabbing unit.

Diameter	Backing	Grit Size	Diameter	Backing	Grit Size
6 inch	Sponge +Magnetic	60-100000Grit	16 inch	Sponge +Magnetic	60-100000Grit
8 inch	Sponge +Magnetic	60-100000Grit	18 inch	Sponge +Magnetic	60-100000Grit
12 inch	Sponge +Magnetic	60-100000Grit	24inch	Sponge +Magnetic	60-100000Grit
14 inch	Sponge +Magnetic	60-100000Grit			



## Flexible Diamond Sanding Pad

### Technical Data

Grain Type	Diamond
Backing Material	special cloth
Grit Size	251 $\mu\text{m}$ (60 – 80) , 126 $\mu\text{m}$ (120), 91 $\mu\text{m}$ (180), 64 $\mu\text{m}$ (240 – 320), 46 $\mu\text{m}$ (400) , 30 $\mu\text{m}$ (600) , 20 $\mu\text{m}$ (800) , 15 $\mu\text{m}$ (1200) , 12 $\mu\text{m}$ (1800)
Bonding:	galvanic-bonded
Fabricated width	320 mm
Pattern	Dot,Arrow and Wave
Recommended applications Material	Non-metallic materials, e.g. tungsten carbide, titanium carbide, glass, ceramic, plastic fibre glass, GRP, natural stone, Kevlar fibre etc.
Workpiece:	rolls (paper industry, foil and wire manufacturing), tubes coated with hard material, extruder screws, glass edges, turbine blades, blades and knives grinding, ceramic and ceramic coated parts, GRP rotor blades, PUR lacquer coatings, components of high-pressure controls, marble and granite plates
Operation	automatic grinding, robotic grinding, backstand grinding, grinding by hand

Quick release discs for grinding natural and synthetic stones, glass, ceramics and hard metals.



Colour coded for easy grade identification. These quick released (Velcro) flexible diamond discs are for hand and fixed machine polishing. They should be used wet. All sizes and grades available. All other backings and fixings available including M14, snail lock, self adhesive, plastazote and magnetic. Quick release diamond flexible

material for wet grinding and polishing glass, ceramics, hard metals, natural stone including

granite, marble and sandstone, and synthetic stone such as engineered stone. These diamond discs are color coded in green, black, red, yellow, white, blue and orange for easy grade identification.

Diameter	Backing	Grit Size	Order Code
6 inch	None	60Grit-3000Grit	FDMD6
8 inch	None	60Grit-3000Grit	FDMD8
10inch	None	60Grit-3000Grit	FDMD10
12 inch	None	60Grit-3000Grit	FDMD12
14 inch	None	60Grit-3000Grit	14 FDMD
16 inch	None	60Grit-3000Grit	16 FDMD
18 inch	None	60Grit-3000Grit	18 FDMD
24inch	None	60Grit-3000Grit	24 FDMD

## Diamond Sharpening Disc

Diamond Sanding Pad Set Grinding wheels Grinding wheel for sanding and polishing natural stone, granite, marble, glass, velcro, Polishing wheels set



Product Specifications:

Name: Diamond grinding pad

Size: 170 \* 75mm

Grit: 80 # / 120 # / 150 # / 180 # / 240 # / 320 # / 400 # / 600 #  
/ 800 # / 1000 # / 1200 # / 1500 # / 2000 # / 2500 # / 3000 #

Advantages: efficient, wear-resistant, safe

Uses: Suitable for wet granite polishing and wet marble polishing.

These Diamond Polishing Pads are made of diamond dust and resin powder, which are durable and long life

Suitable for stone, granite, glass, marble, ceramics, crystal, ceramic stone, concrete, terrazzo, travertine and slate

Dimension	Grit	Grit	Order Code
170x75mm	80	800	DSFP
	120	1000	
	150	1200	
	180	1500	
	240	2000	
	320	2500	
	400	3000	
	600		

## Cerium Oxide Resin Disc

The Cerium Oxide polishing was a messy process involving slurry and the cleanup and filtration issues related to slurry use. Hans Diamond Cerium Products such as cerium oxide sanding pad, eliminate the waste while providing a long lasting and durable solution to industrial and lapidary polishing. The cloth backing provides a strong, flexible base for the resin bonded cerium, while resisting heat deformation caused by the heat generated by the very aggressive cerium media.



Order Code	Backing	Wholesale Price	Order Code	Backing
COPP6	None	US\$10.00	COPP14	None, PSA, Magnetic
COPP8	None	US\$20.00	COPP16	None, PSA, Magnetic
COPP10	None	US\$25.00	COPP18	None, PSA, Magnetic
COPP12	None	US\$45.00	COPP24	None, PSA, Magnetic

## Polyurethane (PU) Cerium Oxide Polishing Pads

Polyurethane Cerium Oxide Polishing Pad is a natural hydrophobic polyurethane material.



Polyurethane polishing pad is designed for polishing critical surfaces requiring high accuracy. This polished to have a very rapid ability while generating heat and friction is much smaller than the synthetic mat. These Polyurethane Polishing Pad can be called Polishing cloth, Abrasive pads, Polyurethane polishing piece, Cerium pads, Cerium oxide pad, etc. It is

the material of choice for precision optics, ophthalmic lenses, silicon wafers, and any polishing application demanding unique contours and more critical tolerances. Polishing and finishing of glass, LCD/LED substrates, precision optics, hard disk, metal and semiconductor wafer surfaces.

Order Code	Backing	Wholesale Price	Order Code	Backing
COP6	None	US\$10.00	COP14	None, PSA, Magnetic
COP8	None	US\$15.00	COP16	None, PSA, Magnetic
COP10	None	US\$20.00	COP18	None, PSA, Magnetic
COP12	None	US\$25.00	COP24	None, PSA, Magnetic

## Sintered Diamond Lap

Full 5mm deep diamond matrix exposes new Cutting points as the wheels are used. Sintered laps can be dressed to expose additional crystals for a more aggressive cut, but dressing is not always needed if you follow a "side to side" pattern when grinding to ensure even wear. Dynamic balancing at the factory ensures concentricity for smooth and quiet grinding. 4" diamond matrix width is 40mm, 6" diamond matrix width is 55mm, 8" diamond matrix width is 75mm, 10" diamond matrix width is 100mm, 12" diamond matrix width is 115mm.



Diameter	Diamond Matrix	Grit Size	Order Code
4 inch	40mm	60Grit-600Grit	DSL4
6 inch	55mm	60Grit-600Grit	DSL6
8inch	75mm	60Grit-600Grit	DSL8
10inch	75mm	60Grit-600Grit	DSL10
12inch	75mm	60Grit-600Grit	DSL2

## Diamond Hand Pads

100% Diamond grinding surface cuts with superior speed and consistency. Diamonds are



bonded by nickel plating or resin bonding. Hand Laps are versatile - excellent for all hard-to-cut materials. Lightweight, easy to handle. Foam-based Hand Laps are comfortable - for flexibility on a variety of surfaces. Use wet or dry.

Try these high quality diamond belts on your upright belt sander and you'll never go back. Manufactured

by Abrasive Technology, the plated diamond belts are the same high quality material the the Expanding Drum Diamond belts are made of. Long lasting with a high cut rate and consistent surface, these belts will give you a reliable surface. The joints on these belts are guaranteed for life and will be repaired if they fail from normal use.

Diameter	Size	Grit Size	Order Code
Resin	90x55mm	60Grit-8000Grit	DRHP
Plated	90x55mm	60Grit-600Grit	DPHP

## Diamond Profile Hand Polishing Pad



These Diamond Profile Hand Polishing Pad offer a unique solution for customers who want to achieve a professional finish on their granite, marble, glass, or stone countertops. Designed to work in tandem with limited positions of Manual or CNC profile tools, these pads allow for precision polishing of specific areas of the profile.

With their electroplated and resin bond construction, these Pad are durable and long-lasting, ensuring that you get the most out of your investment. They come in

V20 and V30 profiles, making them suitable for a range of applications, including sharp edge bullnose finishing.

Whether you prefer to work wet or dry, these pads can be used in all positions to achieve a full gloss finish. Their unique shape allows for easy maneuverability, making it easy to get into tight corners and hard-to-reach areas.

In summary, these Diamond Profile Hand Polishing pads are the perfect tool for achieving a professional finish on your countertop. With their durable construction, versatile use, and unique shape, they are a must-have for any DIY enthusiast or professional contractor.

Diameter	Size	Grit Size	Note
V20 V30 V40	20mm 30mm 40mm	60Grit-8000Grit	Full Bullnose Hand Pads
V20 V30 V40	20mm 30mm 40mm	60Grit-600Grit	"F" Ogee Hand Pads
V20 V30 V40	20mm 30mm 40mm	60Grit-600Grit	"A" Eased Hand Pads
V20 V30 V40	20mm 30mm 40mm	60Grit-600Grit	"B" Demi Bullnose
V20 V30 V40	20mm 30mm 40mm	60Grit-600Grit	"H" Dupont Hand Pads

### 5inch Twin Spin Grinder Disc

Only disc with a diamond coated outer edge for fast grinding and shaping. Use the diamond coated disc top for grinding, thinning, shaping and beveling. All Inland discs are measured for trueness before any diamond is applied. This insures they will spin properly on the motor shaft. 5" diamond grinding discs are available in 3 Grits: standard, Fine Grit, and Superfine Grit. Use the disc top to straight edge grind and remove flares. Quickly grind and shape using the disc outer edge. Miter and bevel edges for flat and 3-D projects. Perfect for





shaping all types of glass, tile, stone, and other hard materials. Improve the fit of your projects for a more finished, professional look. Shape ceramic, tile, and stone for home and hobby projects. Use standard Grit discs for general purpose work on most glass types Use the Fine Grit disc for a finer edge and to reduce chipping on more delicate glass and materials.

Diameter	Grit Size	Order Code
5inch	60Grit-3000Grit	TSGD

### Diamond Flap Wheel Disc

Coated Diamond Abrasive flap wheels are the ideal choice for light grinding, blending, graining



and scale removal on a variety of metals. The abrasive flaps offer a long lasting supply of fresh abrasives and load resistant design.



Available in both flange mounted

and spindle mounted constructions with general purpose CBN or diamond abrasive grain.

Diameter	Grit Size	Order No.
4 inch	60Grit-600Grit	DFWD4
4.5inch	60Grit-600Grit	DFWD4.5
5inch	60Grit-600Grit	DFWD5
6inch	60Grit-600Grit	DFWD6
7inch	60Grit-600Grit	DFWD7

## Copper Flat Laps

Copper faces with 1mm rolled copper laminated to a 6mm thick aluminum master lap turned true. Traditional lap for charging with diamond powder, These laps are used for pre-polishing or final polishing and are suitable to use with most types of polishing compounds. They comprise of a disk of copper permanently bonded to an aluminum master lap. Both parts are manufactured by us. The copper disk is 1mm thick and can be re-machined if it becomes damaged, contaminated or worn with used.



Diameter	Thickness	Retails Price
6inch x1/2" hole	1mm copper+Master	US\$25 .00
8inch x1/2" hole	1mm copper+Master	US\$35 .00
6inch x1/2" hole	3mm copper+Master	US\$65 .00
8inch x1/2" hole	3mm copper+Master	US\$85 .00

## Diamond Sharpening Stone

Fast - Hardest Material: Most efficient sharpening abrasive. Unique interrupted surface. Easy - Light pressure produces a sharp edge with just a few strokes  
 Clean - Use water for lubrication - no oil, no mess! Versatile - Honed ALL hard materials: Carbide, steel, etc.  
 Durable - Stays flat. 6"length x 2" width,0.5"+-0.005" thickness



Diameter	Thickness	Order Code
Diamond Stone 6"x2"	1/2"+ Tolerance +-.005",	DSSP

## Felt Polishing Discs



Felt's porosity accepts fine abrasive particles and continually presents an even, sharp, cutting action. The resiliency of felt helps to conform the polishing surface to the part. As felt wears, it always presents an identical medium for polishing compounds. The ability to machine felt to close tolerances makes it possible to offer the exact felt profile required to match the profile of the part. Boston Felt offers one of the widest selections of wheel styles and sizes in the world. In addition, all wheels are available in six stocked densities: soft, medium, hard, rock hard, flint hard, and diamond hard. Custom profiles and sizes can be manufactured. Use with Cerium Oxide

Diameter	Backing	Order Code
6inch	Magnetic	FPDM6
8inch	Magnetic	FPDM8
12inch	Magnetic	FPDM12
14inch	Magnetic	FPDM14
16inch	Magnetic	FPDM16
18inch	Magnetic	FPDM18
24inch	Magnetic	FPDM24

## Canvas Polishing Pad



The Canvas polishing pad can be comes without or with Aluminum back plate with 1-1/4"-20 thread bolt that will fit the GENIE and other machines designed for such attachments. Canvas pad has a thick foam rubber backing so it will conform to the shape of your stone and Canvas pads may be used with diamond compound or other polishes.

Diameter	Backing	Order Code
6inch	Velcro	CPPV
8inch	Velcro	CPPV
6inch	1/4"-20 Master Lap	CPPM
8inch	1/4"-20 Master Lap	CPPM

## Leather Polishing Discs

These leather polishing discs are used for polishing with any type of oxide compounds.



They are ideal for soft stones and suitable for general polishing tasks, including cabochons, glass, and more. Made from top grain cowhide, they are 1/4 inch thick and feature one smooth side.

Order No.	Backing
LPD6	None
LPD8	None
LPDM6	Magnetic
LPDM8	Magnetic
LPDV6	Velcro
LPDV8	Velcro

## Thin Mini Diamond Cutting Disc

Diamond discs are integral in the fabrication, contouring, and shaping of dental restorative materials. Spring Health offers discs in a variety of sizes for fabrication, contouring, and shaping of dental restorative materials as well as for cutting ceramics and metal. As with all spring products, these discs are of the highest quality. Diamond Cutting Disc 12pcs disc+1pcs Mandrel Dental Ultra-thin Double Sided for Separating Polishing Ceramic Crown Plaster or Jade Dental Material Products. Ultra-thin diamond cutting disc, double-sided diamond cutting fast and good elasticity. For cut and polished porcelain teeth, metal alloys, gold and silver jewelry jade timber,



Shape	Size
Diagonal Serrated Disc	22mmx1.6x0.4mm
Solid Rim Cutting Disc	22mmx1.6x0.45mm
Perforated Cutting Disc	22mmx1.6mmx0.25mm
Solid Rim Cutting Disc	22mmx1.6x0.25mm
Diagonal Serrated Disc	30x1.6x0.25mm
Straight Toothing Vented Cutting Disc	32*1.6*0.25mm
Sieve cutting Disc	22*1.6*0.25mm
vented disc, oblique slotted disc	22*1.6*0.25mm
Diagonal Serrated vented Disc	50*1.6*0.3mm
Solid Rim Cutting Disc	30*1.6*0.5mm
Titanium Solid Rim Cutting Disc	<b>22*1.6*0.4mm</b>
Diagonal Serrated vented Disc	<b>50*1.6*0.25mm</b>
Diagonal Serrated Disc	22*1.6*0.2mm

Molded Shape	Usage
A / Am	solid disc; for ceramics, gold, steel, plastic veneers, all chrome-cobalt alloys including vitallium;
B / Bm	perforated disc, 8 holes, in standard diamond grit; for rough pre-cutting, separating and contouring of ceramics, model preparation;
C / Cm	diagonal serrated disc; for separating ceramic, plaster, acrylics, resin veneers;
E / Em	vented disc, oblique slotted disc, high removal capacity, high flexibility, provides good visibility, avoids grinding-facets;
F	disc with oval shaped perforations, provides good visibility; for the separation and contouring of ceramics; soft work at high levels of material removal, high flexibility;
H / Hm	sieve disc; for separating and contouring of ceramics, acrylics and plaster; flexible, with good vision result; high material reduction and smooth grinding performance;
I / Im	straight tothing, spindle perforated; provides good visibility; higher cutting efficiency achieved with using toothed cutting edge configuration;
J / Jm	diagonal serrated, vented disc; peripheral and distal cutting, good visibility;
N	mini saw disc; for separating ceramic, plaster, acrylics, resin veneers; high cutting efficiency.

## Zinc Alloy Polishing Lap

Solid Zinc Polishing Lap has long been the lap of choice for professional cutters. Zinc laps are harder than tin and produce flat facets quickly on the hardest of colored stones. Zinc laps can produce a good polish on a wide range of stones from hard to soft. These versatile laps are easy to use and if desired are easily scored with a knife or hacksaw blade. This solid full thickness zinc alloy lap is rigid enough to serve as a single solid lap, without bonding to a base plate or require a master lap base, and can be re-machined if the need arises. These laps are preferred for polishing some of the harder gems such as corundum and cubic zirconia. The new polishing disc needs to add water and use 60-80# sandpaper, polish from the outer edge to the inside, until no scratches are seen, and then polish it with 240# sandpaper, and the same processing procedure after the old disc is repaired. The polishing powder should be moistened with diamond oil to form a paste, and continue polishing on 50-150# sandpaper. The disc needs to maintain a certain humidity. The polishing powder should be applied evenly and polished until the surface is black, then it can be used.



Order Code	Thickness	Order Code
6"x10	10mm	ZINC610
6"x15	15mm	ZINC615
8"x10	10mm	ZINC810
8"x15	15mm	ZINC815

## Tin Polishing Lap

The Tin lapping Polishin Lap is a specialized tool used in the manufacturing and finishing processes of various materials, particularly in the field of optics and precision machining. It is a flat, circular plate made of tin or another soft and malleable material, such as copper or cast iron, with a highly polished surface.



The primary purpose of a Tin lapping Polishin Lap is to provide a smooth and flat surface

for lapping and polishing operations. Lapping is a precision machining process used to achieve extremely tight tolerances and fine surface finishes on materials like glass, ceramics, metals, and semiconductors. During lapping, abrasive materials, such as diamond paste or abrasive slurry, are applied to the lapping plate's surface,

and the workpiece is rubbed against it in a controlled manner. This abrasive action helps remove imperfections and irregularities from the workpiece's surface, resulting in a high degree of flatness and smoothness.

Tin lapping Polishin Lap are valued for their ability to provide a uniform and consistent surface for lapping, which is essential in applications like lens manufacturing, semiconductor wafer processing, and precision optics. The use of tin or other soft materials allows the lapping plate to conform to the shape of the workpiece, ensuring even material removal and preventing damage to delicate or brittle materials.

The Tin lapping Polishin Lap is a classic part of the faceting kit. They work great for carrying both diamond and oxide polishes, and have ideal hardness and friction characteristics for working a very wide range of gem materials from hardness 4 or less to 9.

Order Code		Order Code
6"		TIN6
8"		TIN8



# DIAMOND CORE DRILL

## Sintered Core Drill Bits

Diamond Core Drills made with our exclusive metal bond developed for high strength and longevity, metal bond diamond core drills are the finest core drills manufactured in the world. Diamonds held in a metal matrix bond for core drilling glass, alumina quartz, ruby yag, silicon and other hard abrasive non-metallic ceramics. Sintered diamond drill bits are heavy-duty bits designed for long life. Generally, sintered bits will have a long life of 20 to 30 or more times the life of a bonded diamond drill bit, if used properly.



The heavy-duty design provides long life when drilling in very hard materials such as porcelain tile, granite and hard stones. However, there are some disadvantages. Sintered bits are much more expensive than bonded diamond bits and the thick heavy-duty tip causes them to drill more slowly than thin-wall bonded diamond drill bits.

Order Code	Diameter	Order Code	Diameter	Order Code	Diameter
SCDB3	3mm	SCDB36	36mm	SCDB69	69mm
SCDB4	4mm	SCDB37	37mm	SCDB70	70mm
SCDB5	5mm	SCDB38	38mm	SCDB71	71mm
SCDB6	6mm	SCDB39	39mm	SCDB72	72mm
SCDB7	7mm	SCDB40	40mm	SCDB73	73mm
SCDB8	8mm	SCDB41	41mm	SCDB74	74mm
SCDB9	9mm	SCDB42	42mm	SCDB75	75mm
SCDB10	10mm	SCDB43	43mm	SCDB76	76mm
SCDB11	11mm	SCDB44	44mm	SCDB77	77mm
SCDB12	12mm	SCDB45	45mm	SCDB78	78mm
SCDB13	13mm	SCDB46	46mm	SCDB79	79mm
SCDB14	14mm	SCDB47	47mm	SCDB80	80mm
SCDB15	15mm	SCDB48	48mm	SCDB81	81mm
SCDB16	16mm	SCDB49	49mm	SCDB82	82mm
SCDB17	17mm	SCDB50	50mm	SCDB83	83mm
SCDB18	18mm	SCDB51	51mm	SCDB84	84mm
SCDB19	19mm	SCDB52	52mm	SCDB85	85mm

SCDB20	20mm	SCDB53	53mm	SCDB86	86mm
SCDB21	21mm	SCDB54	54mm	SCDB87	87mm
SCDB22	22mm	SCDB55	55mm	SCDB88	88mm
SCDB23	23mm	SCDB56	56mm	SCDB89	89mm
SCDB24	24mm	SCDB57	57mm	SCDB90	90mm
SCDB25	25mm	SCDB58	58mm	SCDB91	91mm
SCDB26	26mm	SCDB59	59mm	SCDB92	92mm
SCDB27	27mm	SCDB60	60mm	SCDB93	93mm
SCDB28	28mm	SCDB61	61mm	SCDB94	94mm
SCDB29	29mm	SCDB62	62mm	SCDB95	95mm
SCDB30	30mm	SCDB63	63mm	SCDB96	96mm
SCDB31	31mm	SCDB64	64mm	SCDB97	97mm
SCDB32	32mm	SCDB65	65mm	SCDB98	98mm
SCDB33	33mm	SCDB66	66mm	SCDB99	99mm
SCDB34	34mm	SCDB67	67mm	SCDB100	100mm
SCDB35	35mm	SCDB68	68mm		

## Diamond Starred Hole Saw



Features diamond coating on this hole saw give superior performance and longer life. Excellent for making clean and accurate hole on glass, and tile. provides exceptional performance and effective cutting action on non-metallic's and other difficult to cut materials. Diamond edge saws produce clean, accurate cuts and offer extended life well beyond that of conventional tools.

Works better with a electric drill(here is not included).Diamond drill bits ,or diamond core drill bits, diamond hole saw or bonded diamond drill bits. They are often referred to as glass drill or tile drill, but since they are used to drill glass, ceramic, porcelain, tile, ceramic tile, limestone, Slate, marble, granite, stone and glass fiber light, so they are more general.

Order Code	Diameter	Order Code	Diameter	Order Code	Diameter
SCHB3	3mm	SCHB36	3.6	SCHB69	69mm
SCHB4	4mm	SCHB37	37mm	SCHB70	70mm
SCHB5	5mm	SCHB38	38mm	SCHB71	71mm
SCHB6	6mm	SCHB39	39mm	SCHB72	72mm
SCHB7	7mm	SCHB40	40mm	SCHB73	73mm
SCHB8	8mm	SCHB41	41mm	SCHB74	74mm
SCHB9	9mm	SCHB42	42mm	SCHB75	75mm
SCHB10	10mm	SCHB43	43mm	SCHB76	76mm
SCHB11	11mm	SCHB44	44mm	SCHB77	77mm
SCHB12	12mm	SCHB45	45mm	SCHB78	78mm
SCHB13	13mm	SCHB46	46mm	SCHB79	79mm
SCHB14	14mm	SCHB47	47mm	SCHB80	80mm
SCHB15	15mm	SCHB48	48mm	SCHB81	81mm
SCHB16	16mm	SCHB49	49mm	SCHB82	82mm
SCHB17	17mm	SCHB50	50mm	SCHB83	83mm
SCHB18	18mm	SCHB51	51mm	SCHB84	84mm
SCHB19	19mm	SCHB52	52mm	SCHB85	85mm
SCHB20	20mm	SCHB53	53mm	SCHB86	86mm
SCHB21	21mm	SCHB54	54mm	SCHB87	87mm
SCHB22	22mm	SCHB55	55mm	SCHB88	88mm

SCHB23	23mm	SCHB56	56mm	SCHB89	89mm
SCHB24	24mm	SCHB57	57mm	SCHB90	90mm
SCHB25	25mm	SCHB58	58mm	SCHB91	91mm
SCHB26	26mm	SCHB59	59mm	SCHB92	92mm
SCHB27	27mm	SCHB60	60mm	SCHB93	93mm
SCHB28	28mm	SCHB61	61mm	SCHB94	94mm
SCHB29	29mm	SCHB62	62mm	SCHB95	95mm
SCHB30	30mm	SCHB63	63mm	SCHB96	96mm
SCHB31	31mm	SCHB64	64mm	SCHB97	97mm
SCHB32	32mm	SCHB65	65mm	SCHB98	98mm
SCHB33	33mm	SCHB66	66mm	SCHB99	99mm
SCHB34	34mm	SCHB67	67mm	SCHB100	100mm
SCHB35	35mm	SCHB68	68mm		

## Diamond Core Drills

Electroplated diamond core drill For use with a rubber-base ring in tripod and suction-cup style drilling machine. A suitable coolant is recommended to extend drill life. The plated diamond core drill bits are the most inexpensive of all diamond drill bits. They are the most durable-style drills and have been machined from solid steel. All drills have a 3/8" shank, which fits in virtually any drill press with a chuck. These bits are made with a single layer of diamond and, therefore, cannot be dressed. Typical drill life is 200-300 holes in 1/4" glass.



Order Code	Diameter	Order Code	Diameter	Order Code	Diameter
SCHB3	3mm	SCHB36	3.6	SCHB69	69mm
SCHB4	4mm	SCHB37	37mm	SCHB70	70mm
SCHB5	5mm	SCHB38	38mm	SCHB71	71mm
SCHB6	6mm	SCHB39	39mm	SCHB72	72mm
SCHB7	7mm	SCHB40	40mm	SCHB73	73mm
SCHB8	8mm	SCHB41	41mm	SCHB74	74mm
SCHB9	9mm	SCHB42	42mm	SCHB75	75mm
SCHB10	10mm	SCHB43	43mm	SCHB76	76mm
SCHB11	11mm	SCHB44	44mm	SCHB77	77mm
SCHB12	12mm	SCHB45	45mm	SCHB78	78mm
SCHB13	13mm	SCHB46	46mm	SCHB79	79mm
SCHB14	14mm	SCHB47	47mm	SCHB80	80mm
SCHB15	15mm	SCHB48	48mm	SCHB81	81mm
SCHB16	16mm	SCHB49	49mm	SCHB82	82mm
SCHB17	17mm	SCHB50	50mm	SCHB83	83mm
SCHB18	18mm	SCHB51	51mm	SCHB84	84mm
SCHB19	19mm	SCHB52	52mm	SCHB85	85mm
SCHB20	20mm	SCHB53	53mm	SCHB86	86mm
SCHB21	21mm	SCHB54	54mm	SCHB87	87mm
SCHB22	22mm	SCHB55	55mm	SCHB88	88mm
SCHB23	23mm	SCHB56	56mm	SCHB89	89mm
SCHB24	24mm	SCHB57	57mm	SCHB90	90mm
SCHB25	25mm	SCHB58	58mm	SCHB91	91mm

SCHB26	26mm	SCHB59	59mm	SCHB92	92mm
SCHB27	27mm	SCHB60	60mm	SCHB93	93mm
SCHB28	28mm	SCHB61	61mm	SCHB94	94mm
SCHB29	29mm	SCHB62	62mm	SCHB95	95mm
SCHB30	30mm	SCHB63	63mm	SCHB96	96mm
SCHB31	31mm	SCHB64	64mm	SCHB97	97mm
SCHB32	32mm	SCHB65	65mm	SCHB98	98mm
SCHB33	33mm	SCHB66	66mm	SCHB99	99mm
SCHB34	34mm	SCHB67	67mm	SCHB100	100mm
SCHB35	35mm	SCHB68	68mm		

## Diamond Wire Hollow Drills

These diamond drill bits are perfect for your Hobby drill, Mini drill or Dermal drill .They are a great addition to any bead kit and can be used for opening up holes when bead stringing.



Diamond drill bits machined perfectly straight Diamond tipped drill bit with a diamond coated end Use for drilling gem stones as stone drills, drilling beads, drilling pebbles, drilling glass, drilling jewels etc. A great jewelry making tool and Dermal accessory. The length can be

60mm and 45mm These diamond drill bits should be run at 7000 - 10,000 RPM; this is approximately the slowest speed on your Dermal. Start the hole by tilting the diamond drill and then gradually moving the diamond drill to the vertical position once the hole has been started. Always use the diamond drills with water (and washing up liquid optional) and use gentle pressure throughout. Repeatedly moving the drill up and down enables the water to circulate and removes excess debris.

Order Code	Diameter	Shaft Size
SDCD10	1.00mm	35mm
SDCD125	1.25 mm	35mm
SDCD15	1.50mm	35mm
SDCD175	1.75 mm	35mm
SDCD20	2.00 mm	35mm
SDCD2.5	2.50 mm	35mm
SDCD30	3.00 mm	45mm
SDCD3.5	3.50 mm	45mm
SDCD40	4.00 mm	45mm
SDCD45	4.50 mm	45mm

## Belgium Sintered Core Drills

Sintered diamond core drills are unlike your typical diamond core drill in the fact that the entire tip of the drill is impregnated with diamond. This means that when the drill begins to lose aggressiveness, you can drill into an aluminum oxide dressing stick and it will strip off the layer of used diamond and expose new diamonds underneath. This makes a sintered core drill infinitely more useful than your typical plated core drill. These drills work best with a center water fed like our Drill Head Assembly where water can be pumped through the center of the drill at all times. They can also be used with a straight shank adaptor.



Order Code	Diameter	Diameter	Diameter
BSDCD	3mm	19mm	34mm
	4mm	20mm	35mm
	5mm	21mm	36mm
	6mm	22mm	37mm
	7mm	23mm	38mm
	8mm	24mm	39mm
	9mm	25mm	40mm
	10mm	26mm	41mm
	11mm	27mm	42mm
	12mm	28mm	43mm
	13mm	28mm	44mm
	14mm	29mm	45mm
	15mm	30mm	46mm
	16mm	31mm	47mm
	17mm	32mm	48mm
	18mm	33mm	49mm
			50mm



# DIAMOND DRILL BIT

## Diamond Cylinder Wire Bits

Diamond Solid Cylinder Dremel Drill Bit Point are a high-speed cutter made of steel tipped with diamond particles. Ideal for fine detail work on wood, jade, ceramic, glass, hardened steel



and other hard materials. Removes material quickly and easily. For curved surfaces. Made from galvanic ally bonded diamond impregnated steel. Ideal for carving hard or soft materials such as glass, stones, bone, ivory, ceramics, and all metals. Diamond cylinder

bits are a high-speed cutter made of steel tipped with diamond particles. Ideal for fine detail work on wood, jade, ceramic, glass, hardened steel and other hard materials.

Order Code	Diameter
DCP10	1.00mm
DCP125	1.25 mm
DCP15	1.50mm
DCP175	1.75 mm
DCP20	2.00 mm
DCP25	2.50 mm
DCP30	3.00 mm
DCP35	3.50 mm
DCP40	4.00 mm
DCP45	4.50 mm

## Diamond Twist Drill Bit

These top quality diamond coated twist drills from Deistic are especially suited for drilling holes in very hard non-metallic materials. They can be used in all high speed rotary tools such as Dremel, Foredoom, Proxxon, Ryobi, Fuller and Ozito etc. This economical yet durable set of twist drills have a medium-fine grit diamond coating. Used for drilling stone, glass, ceramic, and other hard non-metallic surfaces. Diamond twisted diamond drills are typically used for drilling pearls and enlarging/reaming holes in large variety of other materials. These drills provide faster drilling speeds, than most other type of diamond drills. And are frequently used together with diamond flat bottom cylinder diamond solid thin drills. Also very popular for drilling pearls. Typically used to enlarge existing size holes. Also recommended for drilling pearls. Ceramic, tile & related materials advanced ceramics glass & quartz optical materials composites natural & synthetic stone semi-precious & precious stone many other materials.



Order Code	Diameter	Order Code	Diameter
DPT075	0.75mm	DPT30	3.00 mm
DPT10	1.00mm	DPT35	3.50 mm
DPT125	1.25 mm	DPT40	4.00 mm
DPT15	1.50mm	DPT45	4.50 mm
DPT175	1.75 mm	DPT50	5.00 mm
DPT20	2.00 mm	DPT55	5.50 mm
DPT25	2.50 mm	DPT60	6.00 mm

## Diamond Bead Reamer Sets

These little steel tools are encrusted with industrial grade diamonds and are usually used to make bead holes larger or to remove unwanted burrs from bead holes before stringing. They are also perfect for sanding, filing, engraving and accessing the difficult little nooks and crannies in metal clay projects. This four piece set has all the shapes and widths you will need.



BR4-1



BR4-2



BR4-3

Order Code	
BR4-1	
BR4-2	
BR4-3	

## Diamond Sintered Points/Burs

The technology of sintered diamond tools was created in CHINA exclusively for use In the space industry to process the hardest materials. Starting from 90's that new technology has produced a new generation of sintered diamond Bur. They differ from other instruments in that the diamond grains are not mechanically fixed by pressure, but by the formation of a strong adhesive binding with the 2.5 times higher grain concentration so that diamond grains fill the whole volume of the tool.



Order Code	Name	Grit Size
H012	Sintered Round Shape Burs	70,100,170/320,600
H011	Sintered Drum Shape Burs	70,100,170/320,600
H010	Sintered Inverted Cone Burs	70,100,170/320,600
H009	Sintered Conical Pointed Shape Burs	70,100,170/320,600
H008	Sintered Flame Shape Burs	70,100,170/320,600
H007	Sintered Pearl Shape Burs	70,100,170/320,600
H006	Sintered Sharp Flame Burs	70,100,170/320,600
H005	Sintered Round End Cylinder Burs	70,100,170/320,600
H004	Sintered Taper Round End Burs	70,100,170/320,600
H003	Sintered Inverted Cone Burs	70,100,170/320,600
H002	Sintered Tapered Cylinder Burs	70,100,170/320,600
H001	Sintered Flat End Burs	70,100,170/320,600

## Diamond Donut Burs Bit

Nickel electroplated diamond grit donuts burs. Designed for to grind simple and quick a donut.



On the top are holes which allows water flow through to keep the working surface well and properly lubricated. Step one, drill the middle hole, step 2 use the donuts tool, the middle hole who you drill before will you guide. Shank size 6mm, best in use with drill press.

Order No. Coarse and Fine Grit	Shaft	Size	Order No.	Size	Shaft
DHBP12	6mm	20mm	DHBP35	35 mm	6mm
DHBP14	6mm	22mm	DHBP40	40 mm	6mm
DHBP18	6mm	26mm	DHBP45	45 mm	6mm
DHBP20	6mm	20mm	DHBP35	35 mm	6mm
DHBP22	6mm	22mm	DHBP40	40 mm	6mm
DHBP24	6mm	32 mm	DHBP60	60 mm	6mm
DHBP26	6mm	26mm	DHBP45	45 mm	6mm
DHBP28	6mm	28mm	DHBP50	50 mm	6mm
DHBP30	6mm	30 mm	DHBP55	55 mm	6mm
DHBP32	6mm	32 mm	DHBP60	60 mm	6mm



Order No.	Shaft	Size	Order No.	Size	Shaft
DHBPN8	6mm	8mm	DHBPN24	24mm	6mm
DHBPN12	6mm	12mm	DHBPN25	25mm	6mm
DHBPN14	6mm	14mm	DHBPN26	26mm	6mm
DHBPN16	6mm	16mm	DHBPN28	28mm	6mm
DHBPN18	6mm	18mm	DHBPN30	30mm	6mm
DHBPN20	6mm	20mm	DHBPN40	40mm	6mm
DHBPN22	6 mm	35mm			

## Diamond Countersink Drill Bits



Electroplated Diamond Conical Countersink Drill Bit series of tapered grinding heads are forged from high-quality 45-gauge steel. The surface is made of high-strength synthetic diamonds, which are wear-resistant and highly efficient. This product is suitable for boring high hardness metals, such as hard alloys, quenching or nitriding tools, alloy steel knives, mold deburring, shaping, chamfering, polishing, and fixtures.

It can also be used for hardness. Processing of high and brittle non-metallic materials such as glass, ceramics, jewelry and jade.

Shaft	Order No.	Size	Order No.	Shaft
6mm	DCCP20	20mm	DCCP45	45mm
Angel	DCCP25	25mm	DCCP50	50mm
45°	DCCP30	30mm	DCCP55	55mm
60°	DCCP35	35mm	DCCP60	60mm
90°	DCCP40	40mm		

## Diamond Dome Sharpening Bur



Order No. Fine Grit	Shaft	Size
DDEB8	6mm	8mm
DDEB10	6mm	10mm
DHBP12	6mm	12mm
DHBP14	6mm	14mm
DHBP16	6mm	16mm
DHBP18	6mm	18mm
DHBP20	6mm	20mm

## Sand Suction Eye Socket Bead Grinding Head

Use diamond bits for fine detailing, cutting, carving, engraving, touch-up and finishing on wood, glass, ceramics, jade, hardened steel, semi-precious stones, and other ultra-hard materials. Diamond bits have a diamond grit coating. A smaller grit number is more course and removes more material at once



Order No.	Head Size	Head Size	Head Size	Price	Head Size
DHBC Coarse Grit	3mm	15mm	27mm	US\$1.53	39mm
	4mm	16mm	28mm	US\$1.60	40mm
	5mm	17mm	29mm	US\$1.75	41mm
	6mm	18mm	30mm	US\$1.84	42mm
	7mm	19mm	31mm	US\$1.94	43mm
	8mm	20mm	32mm	US\$2.30	44mm
	9mm	21mm	33mm	US\$2.42	45mm
	10mm	22mm	34mm	US\$2.55	50mm
	11mm	23mm	35mm	US\$2.67	
	12mm	24mm	36mm	US\$2.79	
	13mm	25mm	37mm	US\$2.93	
	14mm	26mm	38mm	US\$3.13	
Order No.	Head Size	Head Size	Head Size	Price	Head Size
DHBF Fine Grit	3mm	15mm	27mm	US\$3.25	39mm
	4mm	16mm	28mm	US\$3.42	40mm
	5mm	17mm	29mm	US\$3.52	41mm
	6mm	18mm	30mm	US\$3.61	42mm
	7mm	19mm	31mm	US\$3.68	43mm
	8mm	20mm	32mm	US\$3.88	44mm
	9mm	21mm	33mm	US\$4.07	45mm

10mm	22mm	34mm	US\$4.27	50mm
11mm	23mm	35mm	US\$4.44	
12mm	24mm	36mm	US\$4.61	
13mm	25mm	37mm	US\$4.90	
14mm	26mm	38mm	US\$5.04	

### Diamond Needle Drill Bits

Diamond Drill Bits Coated Lapidary Solid Bits Needle for Jewelry Necklaces Earrings



Pendants Bracelets Agate Suitable for agate jade ball beads barrel beads diamond punching. Use the pliers to cut off a little bit before using it. If you don't feel sharp, just drill the grinding wheel (that is, the grinding wheel of the iron). When you hit it, try to shorten the needle first. First, fix the positioning hole on both sides of the bead. Then clip a little longer and drill directly.

Applicable machine: special high-speed drilling machine please pay attention when using: speed above 5000; waterproof cooling and appropriate pressure, pay attention to light pressure and more advance and retreat. Excessive force can break.

Order No.	No.	Head Size
DNHB	6#	0.9mm
	5#	1mm
	4#	1.2mm
	3#	1.5mm
	2#	1.8mm
	1#	2.0mm
	0#	2.5mm



## Diamond Concave Round Grinding Bead

Cheap Concave Diamond Abrasive Wheel Glass Round Grinding Bead Bracelet Ring Jade Carving Polishing Wheel Wholesale. Buy Quality Abrasive Tools Directly From LPaladin Abrasive Tools Store Suppliers.



Order No.	Head Size	Shaft	Order No.	Head Size	Shaft
DNHB-80Grit	4mm	2.35mm	DNHB-240Grit	4mm	2.35mm
	5mm	2.35mm		5mm	2.35mm
	6mm	2.35mm		6mm	2.35mm
	8mm	2.35mm		8mm	2.35mm
	10mm	2.35mm		10mm	2.35mm

## Diamond Round Flat Shape Tipped Drill Bit

Cheap Concave Diamond Abrasive Wheel Glass Round Grinding Bead Bracelet Ring Jade Carving Polishing Wheel Wholesale. Buy Quality Abrasive Tools Directly From Paladin Abrasive Tools Store Suppliers.



Order No.	Head Size	Width	Order No.	Head Size	Width
DNHB-80Grit	16mm	9mm	DNHB-240Grit	16mm	9mm
	18mm	9mm		18mm	9mm
	20mm	13mm		20mm	13mm
	25mm	15mm		25mm	15mm
	30mm	15mm		30mm	15mm
	35mm	15mm		35mm	15mm
	40mm	18mm		40mm	18mm
	45mm	18mm		45mm	18mm
	50mm	23mm		50mm	23mm



Diameter	Concave Wide	Grit	Diameter	Concave Wide	Grit
4mm	9mm	Fine	4mm	9mm	Coarse
5mm	9mm	Fine	5mm	9mm	Coarse
6mm	10mm	Fine	6mm	10mm	Coarse
8mm	12mm	Fine	8mm	12mm	Coarse
10mm	12mm	Fine	10mm	12mm	Coarse
12mm	15mm	Fine	12mm	15mm	Coarse

### Diamond Flat Disc Burr

Diamond flat disc-shaped diamond burs are perfect for carving, grinding and pre-forming



both hard and soft material such as glass, stones, ceramics, bone and metals. They conveniently fit into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, 1 mm through 10 mm. Diamond flat disc diamond bur is

evenly electroplated with 120# diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Burs are sold individually.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-K	0.5mm	2.35mm	8mm	3mm
	1.0mm	2.35mm	10mm	3mm
	1.5mm	2.35mm	12mm	3mm
	2.0mm	2.35mm	14mm	3mm
	2.5mm	2.35mm	16mm	3mm
	3.0mm	2.35mm	16mm	3. 175mm
	4mm	2.35mm	18mm	3. 175mm
	5mm	2.35mm	20mm	3. 175mm
	6mm	2.35mm	22mm	3. 175mm
	7mm	2.35mm	25mm	3. 175mm
	8mm	2.35mm	30mm	3. 175mm
	10mm	2.35mm		

### Diamond Conical Point Shape Point Burr

Diamond Needle-shaped diamond burs are perfect for carving, grinding and pre-forming



both hard and soft material such as glass, stones, ceramics, bone and metals. They conveniently fit into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Diamond ball diamond bur is evenly electroplated diamond grit and

impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Please note: The diameter size refers to the approximate maximum width of the bur. On smaller bur diameters, the shape is less defined due to the small size. Shank size: 3/32"

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-D 2.35mm Shaft	0.4mm	2.35mm	1.5mm	2.35mm
	0.5mm	2.35mm	2.0mm	2.35mm
	0.8mm	2.35mm	2.5mm	2.35mm
	1.0mm	2.35mm	3.0mm	2.35mm
	1.2mm	2.35mm	4mm	2.35mm

Order No.	Head Size	Shaft
DHB-D-1200Grit	0.8mm	2.35mm
	1.0mm	2.35mm
	1.5mm	2.35mm
	2.0mm	2.35mm
	2.5mm	2.35mm
	3.0mm	2.35mm
	4.0mm	2.35mm

### Diamond Ball Point Burr

Diamond ball-shaped diamond burs are perfect for carving, grinding and pre-forming both



hard and soft material such as glass, stones, ceramics, bone and metals. They conveniently fit into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Diamond ball diamond bur is evenly electroplated diamond grit and impregnated onto steel,

providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Please note: The diameter size refers to the approximate maximum width of the bur. On smaller bur diameters, the shape is less defined due to the small size. Shank size: 3/32"

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-F	0.5mm	2.35mm	3.0mm	2.35mm
	0.6mm	2.35mm	4.0mm	2.35mm
	0.8mm	2.35mm	5.0mm	2.35mm
	1.0mm	2.35mm	6.0mm	2.35mm
	1.2mm	2.35mm	8.0mm	2.35mm
	1.5mm	2.35mm	5.0mm	3.0mm
	1.8mm	2.35mm	6.0mm	3.0mm
	2.0mm	2.35mm	8.0mm	3.0mm
	2.5mm	2.35mm	10mm	3.0mm

Order No.	Head Size	Shaft	Grit	Grit
DHB-F	1.0mm	2.35mm	1200Grit	
	1.5mm	2.35mm	1200Grit	
	2.0mm	2.35mm	1200Grit	600Grit
	2.5mm	2.35mm	1200Grit	600Grit
	3.0mm	2.35mm	1200Grit	600Grit
	4.0mm	2.35mm	1200Grit	600Grit

Order No.	Head Size	Order No.	Head Size
DHB-D-60Grit 6mm Shaft	8mm	DHB-D-240Grit 6mm Shaft	8mm
	10mm		10mm
	12mm		12mm
	14mm		14mm
	16mm		16mm
	20mm		20mm
	25mm		25mm
	30mm		30mm
	35mm		35mm
	40mm		40mm
	45mm		45mm
	50mm		50mm

## Diamond Cylinder Flat End Point Burr

Diamond cylinder-shaped diamond burs are perfect for carving, grinding and pre-forming



both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur had a 1-1/2" long mandrel shank that's 3/32" diameter and conveniently fits into a Foredom, Dremel with 3/32" collet, or any flex shaft hand piece that accepts 3/32"

diameter shank. Diamond cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Round Size	Shaft	Round Size	Shaft
DHB-A	0.4mm	2.35mm	2.0mm	2.35mm
	0.5mm	2.35mm	2.5mm	2.35mm
	0.6mm	2.35mm	3.0mm	2.35mm
	0.7mm	2.35mm	4.0mm	2.35mm
	0.8mm	2.35mm	5.0mm	2.35mm
	0.9mm	2.35mm	6.0mm	2.35mm
	1.0mm	2.35mm	8.0mm	2.35mm
	1.2mm	2.35mm	5mm	3.0mm
	1.3mm	2.35mm	6mm	3.0mm
	1.5mm	2.35mm	8mm	3.0mm
	1.6mm	2.35mm	10mm	3.0mm
	1.8mm	2.35mm		

Order No.	Head Size	Shaft	Grit	Grit
DHB-A	1.0mm	2.35mm	1200Grit	600Grit
	1.5mm	2.35mm	1200Grit	
	2.0mm	2.35mm	1200Grit	600Grit
	2.5mm	2.35mm	1200Grit	
	3.0mm	2.35mm	1200Grit	600Grit
	4.0mm	2.35mm	1200Grit	600Grit



Achieve precise cuts and smooth finishes with our Cylinder Flat End Shape Diamond Carving Bur. The flat end design allows for controlled material removal and shaping, making it perfect for shaping edges and contours.

Order No.	Head Size	Order No.	Head Size
DHB-A 400Grit Shaft 2.35mm	1.0mm	DHB-A 1200Grit Shaft 2.35mm	1.0mm
	1.5mm		1.5mm.
	2.0mm		2.0mm
	2.5mm		2.5mm
	3.0mm		3.0mm
	4.0mm		4.0mm
	5.0mm		5.0mm
	6.0mm		6.0mm

## Diamond Short Cylinder Flat End Point Burr

Diamond cylinder-shaped diamond burs are perfect for carving, grinding and pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur had a 1-1/2" long mandrel shank that's 3/32" diameter and conveniently fits into a Foredom, Dremel



with 3/32" collet, or any flex shaft hand piece that accepts 3/32" diameter shank. Diamond cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked

into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-AN	0.4mm	2.35mm	1.0mm	2.35mm
	0.5mm	2.35mm	1.5mm	2.35mm
	0.6mm	2.35mm	1.8mm	2.35mm
	0.7mm	2.35mm	2.0mm	2.35mm
	0.8mm	2.35mm	2.5mm	2.35mm



## Diamond Length Cylinder Flat End Point Burr

Diamond cylinder-shaped diamond burs are perfect for carving, grinding and pre-forming



both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur had a 1-1/2" long mandrel shank that's 3/32" diameter and conveniently fits into a Foredom, Dremel with 3/32" collet, or any flex shaft hand piece that accepts 3/32" diameter shank. Diamond cylinder diamond bur is evenly electroplated with diamond grit and

impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-AL Diamond Area 15mm	0.6mm	2.35mm	1.2mm	2.35mm
	0.7mm	2.35mm	1.5mm	2.35mm
	0.8mm	2.35mm	2.0mm	2.35mm
	1.0mm	2.35mm	2.5mm	2.35mm
Order No.	Head Size	Shaft	Head Size	Shaft
DHB-AL Diamond Area 30mm	1.2mm	3.0mm	2.5mm	3.0mm
	1.5mm	3.0mm	3.0mm	3.0mm
	1.8mm	3.0mm		
	2.0mm	3.0mm		

## Tapered rounded cylinder bur

Diamond tapered rounded cylinder-shaped diamond burs are perfect for carving, grinding and pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet, or any flex shaft hand piece that accepts 3/32" diameter shank. Diamond tapered rounded cylinder diamond bur is evenly electroplated with 120# diamond



grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-B	0.8mm	2.35mm	3.0mm	2.35mm
	1.0mm	2.35mm	4.0mm	2.35mm
	1.2mm	2.35mm	5.0mm	2.35mm
	1.5mm	2.35mm	6.0mm	2.35mm
	2.0mm	2.35mm	8.0mm	2.35mm
	2.5mm	2.35mm		

Order No.	Head Size	Shaft	Grit	Grit
DHB-B	1.0mm	2.35mm	600Grit	1200Grit
	1.5mm	2.35mm	600Grit	1200Grit
	2.0mm	2.35mm	600Grit	1200Grit
	2.5mm	2.35mm	600Grit	1200Grit
	3.0mm	2.35mm	600Grit	1200Grit
	4.0mm	2.35mm	600Grit	1200Grit

## Tapered inverted cylinder diamond bur

Tapered inverted cylinder-shaped diamond burs are perfect for carving, grinding and



pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different

diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-I	0.8mm	2.35mm	2.5mm	2.35mm
	1.0mm	2.35mm	3.0mm	2.35mm
	1.2mm	2.35mm	4.0mm	2.35mm
	1.5mm	2.35mm	5.0mm	2.35mm
	2.0mm	2.35mm	6.0mm	2.35mm

## Diamond Inverted Cone Hollow Burr

Tapered inverted cone hollow-Shaped diamond burs are perfect for carving, grinding and



pre-forming both hard and material such as glass, ceramics, bone and metals. bur has a 1-1/2" long



soft stones, Each mandrel

柄径：6mm  
外径：10/12/14/16/18/20/22

shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-Q	0.6mm	2.35mm	2.5mm	2.35mm
	0.8mm	2.35mm	3.0mm	2.35mm
	1.0mm	2.35mm	4.0mm	2.35mm
	1.2mm	2.35mm	5.0mm	2.35mm
	1.5mm	2.35mm	6.0mm	2.35mm
	1.8mm	2.35mm	8.0mm	2.35mm
	2.0mm	2.35mm		

Order No.	O. D	I. D	Shaft	Length
DHB-Q-10	10mm	8mm	6mm	61mm
DHB-Q-12	12mm	10mm	6mm	61mm
DHB-Q-14	14mm	12mm	6mm	61mm
DHB-Q-16	16mm	14mm	6mm	61mm
DHB-Q-18	18mm	16mm	6mm	61mm
DHB-Q-20	20mm	18mm	6mm	61mm
DHB-Q-22	22mm	20mm	6mm	61mm
DHB-Q-25	25mm	23mm	6mm	61mm

## Diamond Flame Burr

Flame-Shaped diamond burs are perfect for carving, grinding and pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long



mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond

grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-FJ	0.8mm	2.35mm	2.5mm	2.35mm
	1.0mm	2.35mm	3.0mm	2.35mm
	1.2mm	2.35mm	4.0mm	2.35mm
	1.5mm	2.35mm	5.0mm	2.35mm
	2.0mm	2.35mm	6.0mm	2.35mm

## Cylinder Flat End Bur

Cylinder Flat-shaped diamond burs are perfect for carving, grinding and pre-forming both hard



and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond

bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-EP	2.0mm	2.35mm	5.0mm	2.35mm
	2.5mm	2.35mm	6.0mm	2.35mm
	3.0mm	2.35mm	8.0mm	2.35mm
	4.0mm	2.35mm	10.0mm	2.35mm

Order No.	Head Size	Shaft	Grit
DHB-FP	1.0mm	2.35mm	1200Grit
	1.5mm	2.35mm	1200Grit
	2.0mm	2.35mm	1200Grit
	2.5mm	2.35mm	1200Grit
	3.0mm	2.35mm	1200Grit
	4.0mm	2.35mm	1200Grit

## Diamond Tapered Inverted Cylinder Burr

Tapered-inverted-cylinder-Shaped diamond burs are perfect for carving, grinding and



pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted

cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-C7	0.5mm	2.35mm	3.0mm	2.35mm
	0.8mm	2.35mm	4.0mm	2.35mm
	1.0mm	2.35mm	5.0mm	2.35mm
	1.2mm	2.35mm	6.0mm	2.35mm
	1.5mm	2.35mm	8.0mm	2.35mm
	2.0mm	2.35mm	10.0mm	2.35mm
	2.5mm	2.35mm		

Order No.	Head Size	Shaft	Grit	Grit
DHB-C7	1.0mm	2.35mm	1200Grit	600Grit
	1.5mm	2.35mm	1200Grit	
	2.0mm	2.35mm	1200Grit	600Grit
	2.5mm	2.35mm	1200Grit	
	3.0mm	2.35mm	1200Grit	600Grit
	4.0mm	2.35mm	1200Grit	600Grit

## Flat End Tapered Bur

Flat End Tapered-shaped diamond burs are perfect for carving, grinding and pre-forming both



hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered

inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Head Size
DHB-EX 2.35mm Shaft	1mm	4.0mm
	1.2mm	5.0mm
	1.5mm	6.0mm
	2.0mm	8.0mm
	2.5mm	10.mm
	3.0mm	10.mm

Order No.	Head Size
DHB-EX 3mm Shaft	6.0mm
	8.0mm
	10.0mm
	12mm
	14mm
	16mm



## Diamond Round Drum Burr

Drum tip-shaped diamond burs are perfect for carving, grinding and pre-forming both hard and



soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different

diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-EY	2.0mm	2.35mm	8.0mm	2.35mm
	2.5mm	2.35mm	10.0mm	2.35mm
	3.0mm	2.35mm		
	4.0mm	2.35mm		
	5.0mm	2.35mm		
	6.0mm	2.35mm		

## Diamond Countersink Bur

Countersink-Shape diamond burs are perfect for carving, grinding and pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.



Order No.	Head Size	Shaft	Grit	Grit
DHB-CB	6mm	2.35mm	Fine	Coarse
	8mm	3.0mm	Fine	Coarse
	10mm	3.0mm	Fine	Coarse
	12mm	3mm	Fine	Coarse
	14mm	3mm	Fine	Coarse
	16mm	3mm	Fine	Coarse

## Diamond Hollow Tip Burr

Hollow tip-shaped diamond burs are perfect for carving, grinding and pre-forming both hard



and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder

diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals.

The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-X	1.0mm	2.35mm	2.0mm	2.35mm
	1.2mm	2.35mm	2.5mm	2.35mm
	1.5mm	2.35mm	3.0mm	2.35mm
	1.8mm	2.35mm	4.0mm	2.35mm
	1.5mm	2.35mm	5.0mm	2.35mm
	1.8mm	2.35mm	6.0mm	2.35mm

## Diamond Egg-Shape Bur

Egg-Shape diamond burs are perfect for carving, grinding and pre-forming both hard and soft



material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond bur is

evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-EG	0.6mm	2.35mm	3.0mm	2.35mm
	0.8mm	2.35mm	4.0mm	2.35mm
	1.0mm	2.35mm	5.0mm	2.35mm
	1.2mm	2.35mm	6.0mm	2.35mm
	1.5mm	2.35mm	5.0mm	3mm
	1.8mm	2.35mm	6.0mm	3mm
	2.0mm	2.35mm	8.0mm	3mm
	2.5mm	2.35mm	10mm	3mm

## Diamond Tapered Conical Nail Bur

These Diamond Nail-shape Burrs are electroplated with diamond grit to help you carve and sculpt stone and glass. The shape allows for a more robust burr making them ideal for top faceting work. Suitable for use in rotary drills, pendant drills, micro motors and flexible shafts. Please check the technical details below as shank sizes vary depending on diameter head size chosen. Use at approximately 12,000RPM and always wear sufficient face mask and eye wear.



Order No.	Head Size	Shaft	Head Size	Shaft
DHB-H	0.5mm	2.35mm	2.5mm	2.35mm
	0.6mm	2.35mm	3.0mm	2.35mm
	0.8mm	2.35mm	4.0mm	2.35mm
	1.0mm	2.35mm	5.0mm	2.35mm
	1.2mm	2.35mm	6.0mm	2.35mm
	1.5mm	2.35mm	8.0mm	2.35mm
	1.8mm	2.35mm	10.0mm	2.35mm
	2.0mm	2.35mm		

Order No.	Head Size	Shaft	Grit	Grit
DHB-H-600 DHB-H-1200	1.0mm	2.35mm	600Grit	1200Grit
	1.2mm	2.35mm	600Grit	1200Grit
	1.5mm	2.35mm	600Grit	1200Grit
	2.0mm	2.35mm	600Grit	1200Grit
	2.0mm	2.35mm	600Grit	1200Grit
	2.5mm	2.35mm	600Grit	1200Grit
	3.0mm	2.35mm	600Grit	1200Grit
	4.0mm	2.35mm	600Grit	1200Grit

## Diamond C3 Nail Bur

These Diamond Nail-shape Burrs are electroplated with diamond grit to help you carve and



sculpt stone and glass. The shape allows for a more robust burr making them ideal for top faceting work. Suitable for use in rotary drills, pendant drills, micro motors and flexible shafts. Please check the technical details below as shank sizes vary depending on diameter head size chosen. Use at approximately 12,000RPM and always wear sufficient face mask and eye wear.

Order No.	Head Size	Shaft	Head Size	Shaft
DHB-C3	0.5mm	2.35mm	2.5mm	2.35mm
	0.6mm	2.35mm	3.0mm	2.35mm
	0.8mm	2.35mm	4.0mm	2.35mm
	1.0mm	2.35mm	5.0mm	2.35mm
	1.2mm	2.35mm	6.0mm	2.35mm
	1.5mm	2.35mm	8.0mm	2.35mm
	1.8mm	2.35mm	10.0mm	2.35mm
	2.0mm	2.35mm		

Order No.	Head Size	Shaft	Grit	Head Size	Shaft	Grit
DHB-C3-600	1.0mm	2.35mm	600Grit	1.0mm	2.35mm	1200Grit
	1.5mm	2.35mm	600Grit	1.5mm	2.35mm	1200Grit
	2.0mm	2.35mm	600Grit	2.0mm	2.35mm	1200Grit
DHB-C3-1200	2.5mm	2.35mm	600Grit	2.5mm	2.35mm	1200Grit
	3.0mm	2.35mm	600Grit	3.0mm	2.35mm	1200Grit
	4.0mm	2.35mm	600Grit	4.0mm	2.35mm	1200Grit

## Diamond C2 Nail Bur

These Diamond Nail-shape Burrs are electroplated with diamond grit to help you carve and sculpt stone and glass. The shape allows for a more robust burr making them ideal for top faceting work. Suitable for use in rotary drills, pendant drills, micro motors and flexible shafts. Please check the technical details below as shank sizes vary depending on diameter head size chosen. Use at approximately 12,000RPM and always wear sufficient face mask and eye wear.



Order No.	Head Size	Shaft	Head Size	Shaft
DHB-C2	0.5mm	2.35mm	4.0mm	2.35mm
	0.6mm	2.35mm	5.0mm	2.35mm
	0.8mm	2.35mm	6.0mm	2.35mm
	1.0mm	2.35mm	8.0mm	2.35mm
	1.2mm	2.35mm	10.0mm	2.35mm
	1.5mm	2.35mm	6mm	3mm
	1.8mm	2.35mm	8mm	3mm
	2.0mm	2.35mm	12mm	3mm
	2.5mm	2.35mm	14mm	3mm
	3.0mm	2.35mm	16mm	3mm

## Diamond Bullet Shape Burrs

**Bullet-Shape** diamond burrs are perfect for carving, grinding and pre-forming both hard and soft material such as glass, stones, ceramics, bone and metals. Each bur has a 1-1/2" long mandrel shank that's 3/32" in diameter and conveniently fits into a Foredom, Dremel with 3/32" collet or any flex shaft hand piece that accepts 3/32" diameter shank. Choose from ten different diameter sizes, Diamond tapered inverted cylinder diamond bur is evenly electroplated with diamond grit and impregnated onto steel, providing excellent quality for carving, grinding and pre-forming glass, stones, ceramics, bone and metals. The diamonds are locked into place to provide an extremely aggressive grinding rate. Simply lubricate with clean water before and during use.



Order No.	Head Size	Shaft	Head Size	Shaft
DHB-J	0.8mm	2.35mm	4.0mm	2.35mm
	1.0mm	2.35mm	5.0mm	2.35mm
	1.2mm	2.35mm	6.0mm	2.35mm
	1.5mm	2.35mm	8.0mm	2.35mm
	2.0mm	2.35mm	10.0mm	2.35mm
	2.5mm	2.35mm	6mm	3mm
	3.0mm	2.35mm		



## Mini Diamond Cutting Disc

Diamond cutting wheel kit includes 40pcs diamond cutting wheels, 8pcs mandrels and 2pcs screwdriver. With high cutting efficiency, the kit is suitable for most rotary and flying tools cut stones, glass, ceramics and porcelain. The cutting wheels are made of high quality diamonds. With high cutting efficiency, high durability, stable quality, etc. Diamond cutting disc is evenly coated with diamond particles, sharp and sturdy. Suitable for most rotary and cutting tools. Perfect for cutting gemstones, glass, ceramics and porcelain.



**Features:** Includes 10pcs cutting wheels wheel ,2pcs mandrels.

### Diamond Point Bur

### Nova

Hole Disc	Shaft Size	Gold Coated Rim Disc	Shaft Size
20mm	2.35/3mm	16mm	2.35/3mm
22mm	2.35/3mm	18mm	2.35/3mm
25mm	2.35/3mm	20mm	2.35/3mm
30mm	2.35/3mm	22mm	2.35/3mm
Rim Cutting Disc	Shaft Size	25mm	2.35/3mm
16mm	2.35/3mm	30mm	2.35/3mm
18mm	2.35/3mm	40mm	2.35/3mm
20mm	2.35/3mm	50mm	2.35/3mm
25mm	2.35/3mm	60mm	2.35/3mm
30mm	2.35/3mm	Gold Coated Hole Disc	Shaft Size
35mm	2.35/3mm	20mm	2.35/3mm
40mm	2.35/3mm	22mm	2.35/3mm
45mm	2.35/3mm	25mm	2.35/3mm
50mm	2.35/3mm	35mm	2.35/3mm
60mm	2.35/3mm		
Full Face Dis	Shaft Size		
20mm	2.35/3mm		
25mm	2.35/3mm		
30mm	2.35/3mm		
35mm	2.35/3mm		
40mm	2.35/3mm		
50mm	2.35/3mm		

The Diamond Pacific Nova Point, also known as a resin diamond burr or resin diamond bit, is a tool widely used in various industries and crafts for Diamond Pacific Nova Points, grinding, and shaping hard materials such as glass, stone, ceramics, and metals. It comprises a metal shafts with a resin bond that securely holds diamond particles or grits in place.



The resin bond is a robust adhesive material that ensures the retention of the diamond particles on the tool's surface. This bond enables the diamond points to

maintain their shape and cutting effectiveness even under high-speed rotation and pressure.

Diamond Pacific Nova Point find common applications in tasks demanding precision and intricate detailing, such as jewelry making, carving elaborate designs, engraving, and shaping gemstones. They come in various shapes and sizes, including Rounded cylinder, Bullet and Flat End with each design tailored for specific purposes.

When using Diamond Pacific Nova Point, it's essential to wear appropriate safety gear like goggles and gloves to protect yourself from debris and potential injuries. Furthermore, it's crucial to use them at the correct speed and pressure to prevent overheating and damage to the material being worked on.

Order Code	Grit	Bullet Shape Head	Round Cylinder Head
DNPB	60,140,280,325,600,1200, 3000,8000,14000,50000Grit	DNPBB	DNPR

# DIAMOND SAW BLADES

## Plated Coarse Cut Notched Blades

It is a professional quality blade manufactured using a high concentration of premium grade



industrial diamonds. These blades will cut faster than regular notched rim blades and the smaller size

thin core blades can be used when cutting valuable materials to minimize loss of material. A full

diamond sintered blade, the blades can be used with rust inhibiting water coolants although oil coolants will result in longer blade life.

Order Code	Dimension	Hole Size
PCCNB150	6"x0.08"x0.020"	25mm
	6"x0.985"x0.20"	25mm
PCCNB200	8"x0.0985"x0.020"	25mm
	8"x0.0985"x0.024"	25mm
	8"x0.0985"x0.028"	25mm
	8"x0.0985"x0.032"	25mm
	8"x0.0985"x0.040"	25mm
PCCNB2512	10"x0.032"x0.044"	3/4"+1/2"
PCCNB3015	12"x0.04"x0.06"	3/4"+1/2"

## Economical Sapin Sintered Continues Rim Blades

These new blades have diamond throughout the edge and cut aggressively. blades also last a long



time, because the diamond isn't just plated on top of the rim. Instead, diamond particles are incorporated into the actual metal of the rim. Cut blades up to 10" in diameter work great with water, but we advise using an additive such as Lube Cool 4800. If you use oil, these long-lasting blades will last even longer! Cut blades have a continuous rim. Specially used in cutting jade ,crystal, jewel, optical glass, ceramic, silicon, marble,

granite, tile, magnetic material, refractory etc.

Order Code	Dimension	Order Code	Dimension
KP10161	100x16x1.0mm	KP20321	200x32x1.0mm
KP10201	100x20x1.0mm	KP25251	250x25x1.0mm
KP11161	110x16x1.0mm	KP30251	300x25x1mm
KP11201	110x20x1.0mm	KP32321	300x32x1mm
KP15205	150x20x0.5mm	KP352512	350x25x1.2mm
KP15255	150x25x0.5mm	KP353212	350x32x1.2mm
KP15251	150x25x1.0mm	KP402512	400x25x1.2mm
KP16208	160x20x0.8mm	KP403212	400x32x1.2mm
KP15258	160x25x0.8mm	KP452512	450x25x1.2mm
KP20251	200x25x1.0mm	KP453212	450x32x1.2mm

## Red Thin Rim Sintered Saw Blade

These thin rim sintered diamond saw blades last longer than notched blades. The diamonds are secured into a metal bond that extends the full depth of the rim.



Diamonds are continuously exposed as the edge of the blade wears away cut after cut. They offer a long life and clean, thin cuts. Click to enlarge the image to see a close-up of the diamonds secured in the rim. All saw blades come with 1/2" arbor bushings. **Important Note:** These blades must be run with a lubricant such as water or oil. Never

run dry!

Order Code	Dimension	Hole Size
TRSSB435	4"x0.12x0.024"	3/4"+1/2"
TRSSB446	4"x0.012x0.020"	3/4"+1/2"
TRSSB535	5"x0.012"x0.024"	3/4"+1/2"
TRSSB546	5"x0.012x0.020"	3/4"+1/2"
TRSSB634	6"x0.012"x0.020"	3/4"+1/2"
TRSSB635	6"x0.016"x0.024"	3/4"+1/2"
TRSSB636	6"x0.016"x0.020"	3/4"+1/2"
TRSSB868	8"x0.024"x0.032"	3/4"+1/2"
TRSSB1081	10"x0.030"x0.040"	3/4"+1/2"
TRSSB12912	12"x0.036"x0.048"	3/4"+1/2"

## Plated Continues Rim Blades

Diamond Continuous Rim Saw Blades is a professional quality blade manufactured using a high concentration of premium grade industrial diamonds. These blades will cut faster than regular notched rim blades and the smaller size thin core blades can be used when cutting valuable materials to minimize loss of material. A full diamond sintered blade, The BD 303 blades can be used with rust inhibiting water coolants although oil coolants will result in longer blade life.



Order Code	Dimension	Hole Size	Order Code	Dimension	Hole Size
PCRB1010	4"x0.008"	3/4"+1/2"	PCRB 1012	6"x0.012"	3/4"+1/2"
PCRB 1012	4"x0.012"	3/4"+1/2"	PCRB 1516	6"x0.014"	3/4"+1/2"
PCRB 1516	4"x0.014"	3/4"+1/2"	PCRB 2016	6"x0.016"	3/4"+1/2"
PCRB 2016	4"x0.016"	3/4"+1/2"	PCRB1010	8"x0.008"	3/4"+1/2"
PCRB1010	5"x0.008"	3/4"+1/2"	PCRB 1012	8"x0.012"	3/4"+1/2"
PCRB 1012	5"x0.012"	3/4"+1/2"	PCRB 2016	8"x0.016"	3/4"+1/2"
PCRB 2016	5"x0.014"	3/4"+1/2"	PCRB 2016	10"x0.048"	3/4"+1/2"
PCRB1010	5"x0.016"	3/4"+1/2"	PCRB 2016	12"x0.052"	3/4"+1/2"

## Diamond Super Slicer Saw Blade

Super Slicer blades are a great replacement for Pro-Slicer blades, made with the strongest spring steel, super tough nickel alloy bond and maximum diamond concentration. Cuts twice as fast as ordinary blades, and with little effort you get the thinnest cuts available. They are thin-core fast-cutting blades. These Diamond Super Slicer Electroplated Diamond Saw Blade, electroplated saw blades use a specialized electroplated process to give you the best quality. They are the thinnest blades we offer and make clean, thin cuts. These saw blades are designed for cutting a variety of stone, most suited for sapphire, ruby and emerald. Recommended Operating Speeds Below are the recommended operating speeds for these diamond saw blades. Abide by these speeds to enhance the performance and life span of these blades. Diameter X Core X Kerfs X Arbor



Order Code	Dimension	Hole Size
SFSB4115	4"x0.004"x0.006"	3/4"+1/2"
SFSB434	4"x0.012"x0.0160"	3/4"+1/2"
SFSB6225	6"x0.080"x0.010"	3/4"+1/2"
SFSB634	6"x0.012"x0.0160"	3/4"+1/2"
SFSB668	6"x0.024"x0.032"	3/4"+1/2"
SFSB834	8"x0.012"x0.0160"	3/4"+1/2"
SFSB878	8"x0.028"x0.032"	3/4"+1/2"

## Precision Sintered Saw Blade



Sintered Precision Rim Blade. Diamond saw blades incorporate diamonds into the blade edges to cut to help make fast, clean cuts through glass. The Professional will provide smooth surface finish and is designed for cutting all types of lapidary materials (precious & semi precious stones) when waste must be held to a minimum and speed of cut is essential. Diamond saw blades incorporate diamonds into the blade edges to cut to help make fast, clean cuts through glass, Lapidary, ceramic, tile, concrete, brick and other hard materials, There are many types of diamond blade, and they have many uses, including cutting stone, concrete, asphalt, bricks, coal balls, glass, and ceramics in the construction industry; cutting semiconductor materials in the IT industry; and cutting gemstones, including diamonds, in the gem industry.

Order Code	Dimension	Hole Size
PCRB1010	4"x0.0120"	3/4"+1/2"
PCRB 1012	6"x0.008"x0.032"	3/4"+1/2"
PCRB 1516	6"x0.016"x0.044"	3/4"+1/2"
PCRB 2016	6"x0.020"x0.06"	3/4"+1/2"



## Replacement Diamond Band Saw Blade

Have proven is an effective diamond machining tools on a large variety of materials and



applications. Diamond Blades are diamond coated for wet cutting stone, glass, marble, and tile, ceramic and other mineral based materials.

### Product Description:

1. The Blade is made of seamless strong stainless steel Selected for its resistance to corrosion and rust.
2. The Blades are coated with finest diamond abrasive.
3. The Diamond is bonded to stainless steel using techniques developed are proven for over fifteen years.
4. The Blade coated tine diamond allows to cutting cleanly and easily all kinds of glass and other mineral materials, minimizing grinding time and saving precious materials.

Order No.	Size	Grit	Order No.	Size	Grit
HNS940317	940*3.17	60-600	HNS23910	2390*10	60-600
HNS960317	960*3.17	60-600	HNS239083	2390*8.3	60-600
HNS1511317	1511*3.17	60-600	HNS2398-2	2390*8.3	60-600
HNS151163	1511*6.3	60-600	HNS239045	2390*4.5	60-600
HNS1575317	1575*3.17	60-600	HNS1750317	1750x3.17	60-600
HNS157563	1575*6.3	60-600	HNS2530317	2530x3.17	60-600
HNS157063	1570*6.3	60-600	HNS253063	2530x6.3	60-600
HNS15745	1570*4.5	60-600	HS212065	2120x6x0.4	60-600
HNS2375317	2.375*3.17	60-600	HS253064	2530x6x0.4	60-600
HNS237563	2.375*6.3	60-600	HS5100156	5100x15x0.6	60-600
HNS2375127	2.375*12.7	60-600	HS2530104	2530x10x0.4	60-600
HNS2667317	2.667*3.17	60-600	HS5650257	5650x25x0.7	60-600
HNS2667363	2.667*6.3	60-600	HS5250257	5250x25x0.7	60-600
HNS2667127	2.667*12.7	60-600	HS253066	2530x6x0.6	60-600

## Ring Saw Replacement Diamond Blade

Master craft seamless, stainless steel diamond coated replacement blade Ring Saw Replacement



Blade is a kind of super-thin seamless saw blade. Its surface is electroplating diamond, and it is widely using in cutting various stones, glass, marble, tiles, ceramics and other mineral materials. It is flexible for use and easy to carry. Mesh: 70Grit up to 270Grit.

Product description:

1. Steel wire saws adopts high-strength stainless steel seam that is resistant to corrosion and rust.
2. All surfaces of steel wire saws adopt the best diamond abrasive electroplating.
3. The combination technology development and test of diamonds with stainless steel are over 15 years.
4. The steel wire saws can cut from different directions.
5. When use small diamond electroplating saws can cleanly and easily cut grinding glass, mineral materials and so on and it saves the grinding time and save the valuable materials as well.

Order Code	Dimension
RRSB534	5-3/4"

## Diamond Frame Blades Saw

We offer high quality diamond-coated saw blades. Diamond Coated Frame Blades Tool




Lapidary Jade Amber Sapphire Cutting Saw Blades Made by electroplating diamond particles onto piano wire, our diamond blades are the best quality available at prices well below the competition. Our manufacturer offers a generous supply of diamond for long life and quick cutting. Great for cutting glass, ceramic, stones, fiberglass reinforced plastics, epoxy resins, composite materials and more.

Order Code	Dimension	Hole Size
DFBS1.2	1.2mm	16" length, Diamond Area 12" Length.
DFBS1.5	1.5mm	16" length, Diamond Area 12" Length.
DFBS1.8	1.8mm	16" length, Diamond Area 12" Length.
DFBS2.0	2.0mm	16" length, Diamond Area 12" Length.

## Blades Busing Washer Ring

This precision bushing is designed to reduce the arbor size of saw blades. Saw Blade Bushing Set Saw Blade Adapter Ring Saw Blade Spacer, For lapidary saw blade, diamond Saw Blade, stone diamond saw blade and Marble Blade Inner Hole Conversion,

Blade Thickness	Blade Arbor	Bushing	Bushing	Bushing	Bushing	Bushing
0.8mm	32mm	25.4mm	252mm	19mm	16mm	12.7mm
1.0mm	32mm	25.4mm	252mm	19mm	16mm	12.7mm
1.2mm	32mm	25.4mm	252mm	19mm	16mm	12.7mm
1.5mm	32mm	25.4mm	252mm	19mm	16mm	12.7mm
Blade Thickness	Blade Arbor	Bushing	Bushing	Bushing		
0.15mm	25mm	19mm	16mm	12.7mm		
0.18mm	25mm	19mm	16mm	12.7mm		
0.20mm	25mm	19mm	16mm	12.7mm		
0.25mm	25mm	19mm	16mm	12.7mm		
0.30mm	25mm	19mm	16mm	12.7mm		
0.5mm	25mm	19mm	16mm	12.7mm		
0.6mm	25mm	19mm	16mm	12.7mm		
0.8mm	25mm	19mm	16mm	12.7mm		
0.9mm	25mm	19mm	16mm	12.7mm		
1.0mm	25mm	19mm	16mm	12.7mm		
1.2mm	25mm	19mm	16mm	12.7mm		
Blade Thickness	Blade Arbor	Bushing	Bushing	Bushing		
0.3mm	20mm	19mm	16mm	12.7mm		
0.4mm	20mm	19mm	16mm	12.7mm		
0.5mm	20mm	19mm	16mm	12.7mm		
0.6mm	20mm	19mm	16mm	12.7mm		
0.8mm	20mm	19mm	16mm	12.7mm		
0.9mm	20mm	19mm	16mm	12.7mm		
1.0mm	20mm	19mm	16mm	12.7mm		
1.2mm	20mm	19mm	16mm	12.7mm		

# DIAMOND WIRE LOOP

## Diamond Tire Section Cutting Wire Saw



The Diamond wire Loop cutting with high speed (25-60m/s), so that the wire cutting fracture surface is smooth without burr and the slice thickness could be controlled, which is benefit for the physical and chemical analysis of the tire slices. Hans offer a complete technical and long term support for the needs of our customers, including the personalized recommendations. Hans Diamond Tire Section Cutting Wire Saw for Tire Section Wire Cutter, Tire cutter machine, Tire cutting machine and Tire Section Cutting Machine made with high speed (25-60m/s), so that the wire cutting fracture surface is smooth without burr and the slice thickness could be controlled, which is benefit for the physical and chemical analysis of the tire slices. high quality diamond grit, have a good lifetime. ,Tire section cutting machine is self developed according to the requirements of many tire plants. It is mainly used for tire section cutting by tire manufacturers. The machine is controlled by cnc system, we use dual-saw in cutting process, it can reduce the vibration in sampling and also improve the efficiency because it can cut both two section and get one sample a time. It is an essential equipment for tire section structure sampling. It is designed for the tire industry, automotive industry and quality inspection agency to cut tire section samples. The equipment uses steel wires as cutting instrument. The cut section does not require secondary burnishing. Other features are low operation noise, low power consumption, high-efficiency, no cooling system needed, safety and environmental friendly, and easy to operate.

## Photovoltaic Silicon Cutting Loop Wire Saw

When diamond wire cutting the silicon materials, the Loop Diamond Wire could be worked under high speed and the cutting not easy to produce the chatter, with better surface finish. For silicon cutting, the surface finish is among  $0.328\text{-}0.6\mu\text{m}$ , the total thickness variation is about  $10\mu\text{m}$ .



## Sapphire Cutting Loop Wire Saw

Commonly, the sapphire cutting using the fine diamond wire (not loop), reciprocating movement, and the speed is very low. Such as  $0.3\text{mm}$  wire diameter, cutting 2-3 inches sapphire, need 3-4 hours. But for the Loop diamond wire  $0.7\text{mm}$  diameter and  $4000\text{ mm}$  length could be worked under  $20\text{m/s}$  speed, the cutting just need 30 mins and the surface finish is among  $0.473\text{-}0.7\mu\text{m}$ ; We offer a complete technical and long term support for the needs of our customers, including the personalized recommendations.



## Ceramic Cutting Loop Wire Saw

Ceramic Cutting With Continuous Diamond Wire Such as using the  $0.7\text{mm}$  OD Loop Diamond Wire for ceramics,  $\varphi 250$ , dry cutting, cutting speed  $40\text{-}70\text{m/s}$ , feed speed  $30\text{-}70\text{mm/min}$ , the Ra could be up to  $0.5\text{-}0.7\mu\text{m}$  and the life of diamond wire is  $1.6\text{-}2.1\text{ M}^2$ .



## Graphite Cutting Loop Wire Saw

Graphite can be used as electrodes, targets, etc., in some cases, with different shapes; Loop diamond wire can be used for cutting any shape of the work piece (the cutting thickness  $100\text{-}200\text{mm}$ ), In addition, the cutting speed is high,  $50\text{-}60\text{m/s}$ , feed speed can reach  $80\text{mm/min}$ , dry cutting.



## Marble Cutting Loop Wire Saw

The surface finish of Marble is affected by the Endless Diamond Wires cutting speed, feed speed and tensile strength.



Wire Diameter: 0.75mm      Cutting Material: Marble

Workpiece Specification: 120mm\*120mm\*400mm

Cutting speed: 30m/s    Feed speed: 15mm/min

Tensile strength:150N    Cutting Effect: the Ra could be up to 0.7 $\mu$ m.

### **Metal Cutting Loop Wire Saw**

For our Loop Diamond Wire, it could be used for cutting the hybrid materials, such as ceramic mixed with iron, when cutting, the iron chips will be adhered onto the diamond surface, but at the same time, the ceramic materials will carry off the iron chip, so the hybrid materials is ok. If cutting the pure metal, after cutting some distance, the iron will be adhered onto the diamond surface and stop the diamond further cutting, so it is not fit for the big area cutting, small area pure metal is ok.



### **Products Specifications**

Hans delivers cutting wires, Diamond and CBN coated; With different grain sizes; With customized length. The selection of diamond or CBN wire loop diameters depends, among other things, on the size of the cutting surface of the workpiece/sample. For fine surfaces, small grains make the most sense, and a lower grain density should be used for soft cutting materials.

### **Diamond Wire Loop Products Properties**

High efficiency cutting Fast speed cutting from 40m/s to 60m/s Self strong cutting ability High precision cutting One-way cutting Tiny thickness variation Compared with other diamond cutting tools, the Loop diamond wire is a flexible tool:

1. Not only can be used for straight line cutting, but also curved surface cutting;

2. Not subject to the shape of the surface of the object;

3. The workplace requires simply, but large area cutting can be carried on;

4. The use of diamond wire saw can improve resource utilization and reduce environmental pollution. Due to the above advantages, the market shares of diamond wires are getting bigger and bigger, and the scope of application is getting wider and wider.

**Loop diamond wire specifications:**

Wire Diameter(mm)	Length(mm)	Tensile Strength(N)
0.60	100-10000	100
0.80	100-10000	110
2.00	100-10000	200
2.50	100-10000	300



Grit	Diameter	Length	Unit	Grit	Diameter	Length	Unit	
270/325	0.35	840	mm	200/230	0.45-0.5	840	mm	
		1600	mm			1600	mm	
		1870	mm			1870	mm	
		2000	mm			2000	mm	
		2100	mm			2100	mm	
		3000	mm			3000	mm	
		4000	mm			4000	mm	
		4430	mm			4430	mm	
170/200	0.55-0.6	840	mm	140/170	0.65/0.8	840	mm	
		1600	mm			1600	mm	
		1870	mm			1870	mm	
		2000	mm			2000	mm	
		2100	mm			2100	mm	
		3000	mm			3000	mm	
		4000	mm			4000	mm	
		4430	mm			4430	mm	
70/80	1.8/2	840	mm	NOTE: The above quotation includes tax price starting from order 200 pieces/time, according to the above price, the price is less than 200 pieces/time, and the price is increased by 5% April 12, 2023				
		1600	mm					
		1870	mm					
		2000	mm					
		2100	mm					
		3000	mm					
		4000	mm					
		4430	mm					

# DIAMOND SANDING BELT

## Diamond Resin Sanding Belt

Resin Bonded Diamond Polishing System with polyester backing, wear resistant joint, a flexible belt, wet use only. Our premier line of resin bond belts offers an aggressive solution to your cutting and polishing needs, Diamond Belts For Expanding Drums is resin bonded giving a nice smooth finish, especially after working a few stones. Our professional people tell us they are the longest lasting belts they have ever used. In fact, under normal use, our belts will last 50 to 100 times longer than silicon carbide abrasives! Of course, we back these belts with our 100% satisfaction guarantee.



Order Code	Dimension	MM Size	Grit Size	Order Code	Dimension	MM Size	Grit Size
DRSB615	1.5"x6"	480mmx38mm	60-100000Grit	DRSB3132	3"x132"	75mmx3353mm	60-100000Grit
DRSB625	2.5"x6"	480mmx64mm	60-100000Grit	DRSB421	4"x21"	100mmx533mm	60-100000Grit
DRSB83	3"x8"	640mmx75mm	60-100000Grit	DRSB422	4"x22"	100mmx560mm	60-100000Grit
DRSB321	3"x18"	75mmx457mm	60-100000Grit	DRSB424	4"x24"	100mmx610mm	60-100000Grit
DRSB321	3"x21"	75mmx533mm	60-100000Grit	DRSB4132	4"x36"	100mmx915mm	60-100000Grit
DRSB324	3"x24"	75mmx610mm	60-100000Grit	DRSB437	4" x 37-15/16"	100mmx964mm	60-100000Grit
DRSB336	3"x36"	75mmx915mm	60-100000Grit	DRSB4132	4"x132"	100mmx3353mm	60-100000Grit
DRSB34112	3"x41-1/2"	75mmx1055mm	60-100000Grit				

## Flexible Diamond Sanding Belts

High quality performance portable glass edge grinding and polishing sanding small nickel belts for handhold machine Often complex 3D parts coated with HVOF Tungsten Carbide or Ceramics will benefit from finishing with small belt machines. This includes removal of overspray from the powder spaying process. If used with care, exceptional life, compared to Silicon Carbide Belts, can be achieved. Vanity drums Belt, expanding rubber drums Belt and mandrels are available, together with ancillary equipment for grinding, shaping and polishing applications on contoured and hard to reach areas and are ideal on granite, marble, engineered stone and glass. 1. Intersection abrasive belt grinding machine 2. Electronic glass's grinding and renovate.



Order Code	Dimension	mm	Grit Size	Order Code	Dimension	mm	Grit Size
DESB615	1.5"x6"	480mmx38mm	60-1800Grit	DESB421	4"x21"	100mmx533mm	60-1800Grit
DESB625	2.5"x6"	480mmx64mm	60-1800Grit	DESB422	4"x22"	100mmx560mm	60-1800Grit
DESB83	3"x8"	640mmx75mm	60-1800Grit	DESB424	4"x24"	100mmx610mm	60-1800Grit
DESB321	3"x18"	75mmx457mm	60-1800Grit	DESB4132	4"x36"	100mmx915mm	60-1800Grit
DESB321	3"x21"	75mmx533mm	60-1800Grit	DESB437	4" x 37-15/16"	100mmx964mm	60-1800Grit
DESB324	3"x24"	75mmx610mm	60-1800Grit	DESB4132	4"x132"	100mmx3353mm	60-1800Grit
DESB336	3"x36"	75mmx915mm	60-1800Grit	DESB648	6"x48"	150mmx1200mm	60-1800Grit
DESB34112	3"x41-1/2"	75mmx1055mm	60-1800Grit	DESB689	6"x89"	150mmx2260mm	60-1800Grit
DESB3132	3"x132"	75mmx3353mm	60-1800Grit				

## Silicon Carbide Sanding Belt

Lapidary silicon carbide abrasive products and associated products, Silicon Carbide Sanding belts have been the long time standard sanding of lapidary materials. Silicon carbide offers value and lasting performance. These silicon carbide belts are waterproof and made to exacting standards. provides an even cut and works great for wet or dry sanding and polishing marble, granite, glass, rubber, fiberglass, automotive paint removal, and finish removal. Use in wet/dry applications.



6"x1.5" silicon carbide abrasive belts is 1.5" width x 18-15/16" Length

6"x2.5" silicon carbide abrasive belts is 2.5" width x 18-15/16" Length

8"x3" silicon carbide abrasive belts is 3" width x 25-7/32" Length

Order Code	Dimension	mm	Grit Size
SCSB615	1.5"x6"	480mmx38mm	60-1000Grit
SCSB 625	2.5"x6"	480mmx64mm	60-1000Grit
SCSB 83	3"x8"	640mmx75mm	60-1000Grit

## Cerium Oxide Sanding Belts

Cerium Oxide Resin-Bonded Belts Go green while saving time and materials with our Cerium



Oxide Resin-Bonded belts .The cloth backing provides more friction allowing for more aggressive polishing. The high concentration of cerium oxide particles in these diamond belts ensures an extraordinarily smooth finish. The discs will not develop unwanted notches or jagged

edges that cause nicks and other imperfections during the polishing process. These Cerium Oxide Sanding belts have a strong flexible fabric backing that will not crack or lose pliancy after repeated use.

Order Code	Dimension	mm	Grit Size	Order Code	Dimension	mm	Grit Size
CORB615	1.5"x6"	480mmx38mm	1um and 50nm	DESB421	4"x21"	100mmx533mm	1um and 50nm
DESB625	2.5"x6"	480mmx64mm	1um and 50nm	DESB422	4"x22"	100mmx560mm	1um and 50nm
DESB83	3"x8"	640mmx75mm	1um and 50nm	DESB424	4"x24"	100mmx610mm	1um and 50nm
DESB321	3"x18"	75mmx457mm	1um and 50nm	DESB4132	4"x36"	100mmx915mm	1um and 50nm
DESB321	3"x21"	75mmx533mm	1um and 50nm	DESB437	4" x 37-15/16"	100mmx964mm	1um and 50nm
DESB324	3"x24"	75mmx610mm	1um and 50nm	DESB4132	4"x132"	100mmx3353mm	1um and 50nm
DESB336	3"x36"	75mmx915mm	1um and 50nm	DESB648	6"x48"	150mmx1200mm	1um and 50nm
DESB34112	3"x41-1/2"	75mmx1055mm	1um and 50nm	DESB689	6"x89"	150mmx2260mm	1um and 50nm
DESB3132	3"x132"	75mmx3353mm	1um and 50nm				

## Flexible Diamond Expanding Belts

Top quality flexible diamond belts with great price-performance ratio for a manufacturing environment, Wet grinding and polishing discs for manual angle grinders. The high concentration of diamond particles in these diamond belts ensures an extraordinarily smooth finish. These diamond belts have a strong flexible fabric backing that will not crack or lose pliancy after repeated use. diamond abrasive belts is ideal for blending and finishing contours on thermal sprays, ceramics, carbides, composites, chilled iron, non-ferrous metals, and other hard to grind materials. The high flexibility of the backing is excellent for lighter duty applications such as blending and finishing, even on extreme contours.



Length mm	Width(s) mm	Grit(s)
75	38	40-600
75	50	40-600
100	38	40-600
150	38	40-600
150	65	40-600
200	40	40-600
200	65	40-600
200	75	40-600

# DIAMOND SANDING PAPER

## Technical Data

Grain Type	Diamond
Backing Material	special cloth
Grit Size	251 $\mu\text{m}$ (60 – 80) , 126 $\mu\text{m}$ (120), 91 $\mu\text{m}$ (180), 64 $\mu\text{m}$ (240 – 320), 46 $\mu\text{m}$ (400) , 30 $\mu\text{m}$ (600) , 20 $\mu\text{m}$ (800) , 15 $\mu\text{m}$ (1200) , 12 $\mu\text{m}$ (1800)
Bonding:	galvanic-bonded
Fabricated width	320 mm
Pattern	Dot,Arrow and Wave
Recommended applications Material	Non-metallic materials, e.g. tungsten carbide, titanium carbide, glass, ceramic, plastic fibre glass, GRP, natural stone, Kevlar fibre etc.
Workpiece:	rolls (paper industry, foil and wire manufacturing), tubes coated with hard material, extruder screws, glass edges, turbine blades, blades and knives grinding, ceramic and ceramic coated parts, GRP rotor blades, PUR lacquer coatings, components of high-pressure controls, marble and granite plates
Operation	automatic grinding, robotic grinding, backstand grinding, grinding by hand

## Diamond Emery Paper



Diamond emery paper and tapes, seamless diamond abrasive strips and diamond paper for fabric sueding machine( LAFER / CARU /UNITECH ) are single layer strip resists heat and prevents stretching Precise diamond pellet placement and concentration for best swarf removal and cool performance can be fitted to any vertical, horizontal, or drum sueding industry machines reduces down time for up to 25% increase in throughput increase tool life produces a perfect finish and eliminates fiber strain. also textile sueding eliminate breakage at the seam, allowing for continuous textile sueding production without interruption for strip replacement. Strips will completely wear before needing replaced, resulting in increased, predictable performance and production. There are many machinery types for which we can fit our diamond sueding abrasives. The machinery names are, in alphabetical order: Broma, Caru, Comet Unitec, Curtin-Hebert, Danti Paolo, Haining, HAS Lafer-Turk, Lafer, Lamperti, Lisa, Mario Crosta, MCS, Memnum, Sanwa, Sperotto, Sucker Muller, Xetma. The bold names are by far the most popular throughout the world as Italians somewhat dominate the market.\*Available Grits: 220, 400, 600 Available

Dimension	Grit
3"x270" (75mm x 6900mm)Means 350 mm from both the ends without diamond coating	220,400,600
3"x264" (75mm x 6700mm)200 mm from both the ends without diamond coating	220,400,600
75mmx50000mm Tapes	220,400,600
50mmx400000mm Tapes	220,400,600
1900mmx230mm	220,400,600



## Diamond Sheet and Paper

The electroplated hand polishing sheet are designed for hand polishing of stone and glass edge.



it is sharp and flexible. We manufactured the Super Flexible Diamond-impregnated Abrasive Polishing Cloths Sheet Paper for polishing all surface contours. Flexible material can be supplied in sheets of various sizes and backings, which can be easily cut with

scissors to make customized tooling. Use for polishing all hard materials such as Hard metals, Stone, Glass, Ceramic, Marble, Granite and also Woods such as Ebony and Pink Ivory.

Grit: 60 120 240 400 600 800 1200 1500 1800#

Order Code	Dimension	Order Code	Dimension
DSSP55	50x50mm	DSSP2010	200x100mm
DSSP515	50x150mm	DSSP2030	200x300mm
DSSP510	50x100mm	DSSP3030	300x300mm
DSSP1010	100x100mm	DSSP2823	280x230mm
DSSP1218	120x180mm	DSSP3029	300x290mm
DSSP1515	150mmx150mm		

## Abrasive Sandpaper

Sanding is an important step in making jewelry. Be sure you know about and purchase the



correct sandpaper To smooth metal to a fine finish, Lapidary and Jewelry sandpaper is needed. The most common types of jewelry sandpaper is made from diamond, emery, silicon carbide, and aluminum oxide.

Order Code	Grit Size
SISP911	60-1000

# DIAMOND GRINDER HEAD

## Diamond Grinder Ripple Head Bit

The grooved shape of the 1" Diamond Glass Grinder Reducing Bit tapers the glass edges and removes any irregularities in thickness. Especially useful when working with ripple or textured glass. A smooth and even edge is important for proper foil fit. Silver Bullet bits are chrome hardened for performance, strength and durability. Bit fits all Diamond Tech Max grinders. Also fits Inland and Glastar glass grinders, except Glastar G-5 and G-8. Size: 1",3/4".



## Diamond Grinder Fast Head Bit

For quick glass removal and for large areas with minimal chipping. Silver Bullet bits are chrome hardened for performance, strength and durability. Bit fits all Diamond Tech Max grinders. Also fits Inland and Glastar glass grinders, except Glastar G-5. Size: 1",3/4".



## Diamond Grinder Radius Edger Head Bit

This Diamond Glass Grinder Radius Edger Bit head combines a flat and radius (rounded) edger. Select this for mosaics or when working with exposed glass edges. Use the fine grit radius head to virtually eliminate chipping on decorative mirror edging. Standard 100 grit. Made with a patented diamond bonding process for extra long life. Fits Glastar G3, G4, G7, G12, G14 and all Inland Grinders. Size: 1",3/4".



## Diamond Grinder Radius Angle Head Bits

This hourglass shaped bit is designed to grind lamp pieces that have to fit on an angle. This two-sided bit offers a 9-degree and 18-degree edge for panel lamps. Smooth, mitered edges are important in lamp construction to assure a consistent fit for



foiling and soldering. Silver Bullet bits are chrome hardened for performance, strength and durability. Bit fits all Diamond Tech Max grinders. Also fits Inland and Glastar glass grinders, except Glastar G-5 and G-8. First lamp created by Delphi Glass Expert Keturah Esch. This hourglass shaped bit is designed to grind lamp pieces that have to fit on an angle. This two-sided bit offers a 9-degree and 18-degree edge for panel lamps. Smooth, mitered edges are important in lamp construction to assure a consistent fit for foiling and soldering. Silver Bullet bits are chrome hardened for performance, strength and durability. Bit fits all Diamond Tech Max grinders. Also fits Inland and Glastar glass grinders, except Glastar G-5 and G-8. First lamp created by Delphi Glass Expert Keturah Esch. Size: 1",3/4".

### **Diamond Grinder Adapter Head Bit**

Made with a patented diamond bonding process for extra-long life. Fits Glastar G5, G6, and G8 grinders for grinding small, tight areas. Fits Inland and Glastar G7 grinders with bit adapter. For extra control and support when grinding with this bit use the Glastar Universal Mini Table.1/8" and 1/4" For drilling holes and grinding small inside cuts. Size:1/4",1/8".



### **Diamond Grinder Cap Head Bit**

The Grinder Shop carries the most used and popular glass grinder bits available today. Bit fits all grinders, for quick glass removal and for large areas with minimal chipping. Diamond grinder bits come in a different grits for working on a diverse range of glass. An ultra-fine or fine grinder bit is best for mirror, antique or diachronic glass because of their delicate natures. The fine grits are excellent at finishing edges on fusion pieces and eliminate virtually all chipping. Rougher grinder bits standard or regular grits will quickly and effectively shape glass. The rougher bits maximize the bite while still providing a uniform grind. Diamond Grinder Bits is a steel substrate and chrome hardened for performance, strength and durability. High-quality diamond grinder bits use for grinding or engraving electric machine, gemstones, glass and so on. Having a range of grinder bits in your stained glass supplies allows for quick, aggressive grinding and for making the



delicate finishing touches on the end product. These bits slide over the top of the shaft on all Inland, Glastar, Gryphon and red Diamond Tech grinders. Size: 1/4", 1/8".

### **Diamond Grinder Standard Head Bit**

Diamond standard glass grinder bit is used for shaping and grinding the edges of glass pieces. If you're a glass artist, these grinder bits are essential. We have a large variety of different grits available in sizes that fit 3/8" and 5/16" arbors. Size: 1", 3/4"



### **Diamond Grinder Helix Head Bit**

Helix design allows water to be pulled up to grinding surface without the use of a sponge, or use your sponge and always be sure you're getting water to the bit. All glass grinder bits are electroplated by our factory. Because we plate our own diamond products we can offer the absolute best drums at better prices than anyone else. The diamond coating on your HANS drum will never peel from the drum or we'll replace it for free for the life of the diamonds. And to help you find the right bits for your machine and the task at hand, HANS bit suit for the Glastar, Inland, Gryphon, Twofers, Mika Elite and Durabits glass grinder machine. Size: 1", 3/4".



### **Diamond Grinder Jewelry Bit**

Use the Groove Edge to create a groove around the outside of fused glass pieces, beads, stones, cabochons and more. Diamond Groove Jewelry Grinder Bit is used for shaping and grinding the edges of glass pieces and creating grooves in stained glass for wire wrapping. If you're a glass artist, these grinder bits are essential. We have a large variety of different grits available in sizes. All grinder bits are 1.4mm in thickness and come with a set-screw Allen wrench and square-shaped sponge to keep your glass piece cool while you work. This specialty bit is used for grooving glass edges to hold silver wire in jewelry making. It is supplied in Standard grade only. Size: 1/4" and 1/8"



## Diamond Grinder Reducing Head Bit

The grooved shape of the 1" Diamond Glass Grinder Reducing Bit tapers the glass edges and removes any irregularities in thickness. Especially useful when working with ripple or textured glass. A smooth and even edge is important for proper foil fit. Silver Bullet bits are chrome hardened for performance, strength and durability. Bit fits all Diamond Tech Max grinders. Also fits Inland and Glastar glass grinders, except Glastar G-5 and G-8. Combination head with a tapered channel for heavily textured glass. Simplifies foiling and fitting this type of glass into lead or zinc came. Size: 1", 3/4"



## Diamond Grinder Bit Adapter

Description The easy way to drill precision holes and create fine details without having to remove your 3/4" or 1" grinding head! 300 Series Adapter, Inland no. 40317 is required to use individual drilling drums Fits .312" (7.92 mm) arbor TIR <.0025" (.0635 mm).



Required for use with 1/8" (3 mm), 1/4" (6mm), and 3/8" (10mm) drilling bits. Standard 100 Grit for multi-task use. Works right on top of larger diamond drums, no need to change or remove your 3/4" or 1" drum before using. The brass cores are manufactured on "Swiss precision" machinery for consistent and accurate tolerances. Measured for true before the diamond is applied, so they spin properly on the motor shaft.

## Diamond Grinder Head Bit

Order Code	Products	Size
DRHGB01	Diamond Grinder Ripple Head Bit	1" and 3/4"
HBFB	Diamond Grinder Fast Head Bit	1" and 3/4"
DRHGB02	Diamond Grinder Radius Edger Head Bit	1" and 3/4"
DGGB	Diamond Grinder Radius Angel Head Bits	1" and 3/4"
DGB	Diamond Grinder Adapter Head Bit	1/8" and 1/4"
DSGB01	Diamond Grinder Cap Head Bit	1/8" and 1/4"
DSGB	Diamond Grinder Standard Head Bit	1" and 3/4"
DTGB	Diamond Grinder Helix Head Bit	1" and 3/4"
DJGB	Diamond Grinder Jewelry Bit	1/8" and 1/4"
DRHGB03	Diamond Grinder Reducing Head Bit	1" and 3/4"
GBA	Diamond Grinder Bit Adapter	1" and 3/4"

## Diamond Polishing Paste

If you want to get a mirror finish or remove scratches and marks on lapidary, glass, stone or hard metals then our diamond polishing lapping paste compound is a must. Available in fine to coarse grades. You can take a relatively coarse and grained looking piece of work down to a superb mirror finish in no time. The diamond grinding paste is mixed with a water soluble oil and comes in an easy to apply 50g container so the paste is ready to use and is easy to apply. Use on glass, metals, ceramic and mineral surfaces to give a superfine mirror finish.



- 0.25 - 3 micron for final polishing
- 6 - 14 micron for lapping and pre-polishing
- 25 - 90 micron for rapid stock removal



Our diamond paste puts a fast, beautiful polish on your gemstones. Use it to charge your lapidary tools, polishing pads and buffing pads. The paste is made with a strong concentrate of high quality diamonds suspended in an oil-based carrier

Order No.	Weight	Grit	Order No.	Weight	Grit
DPCP	50G	400	DPCP	5G	400
		600			600
		800			800
		1000			1000
		1200			1200
		2000			2000
		3000			3000
		8000			8000
		10000			10000
		15000			15000
		30000			30000
		80000			80000
		60-600			60-600
		60-600			60-600

# Master Lap

## Plastic Master Lap

A base lap used as a support. This uncharged plastic lap is used as a base for other laps such as Ultralaps and Lop Tops. Precisely ground flat and parallel with 1/2" arbor hole. Approximately 1/4" thick.



Order Code	Dimension
PML6	6"x1/2" hole

## Precision Master Laps

The ground flat and parallel laps, It's used as a base plate for other laps. 1/4" thick and are not charged with abrasive.



Order Code	Dimension
PAML6	6"x1/2" hole
PAML8	8"x1/2" hole



## Economical Aluminum Master Laps

The ground flat and parallel laps, It's used as a base plate for other laps. 1/4" thick and are not charged with abrasive. Our master lap made with the aluminum and plastic materials, it is a lightweight backing used in conjunction with diamond flat laps an disc. The standard sized backing is available to support both 6 and 8 standard discs.



Order Code	Dimension
EAML6	6"x1/2" hole
EAML8	8"x1/2" hole
EAML12	12"x1/2" hole
EAML14	12"x1/2" hole

## Precision Master Screwback Lap in 1/4"-20



The ground flat and parallel Lap. It is used as a base plate for other laps. Master Lap is 1/4" thick and are not charged with abrasive in 1/4"-20 right thread.

Order Code	Dimension
EMSL6	6"x1/2" hole
EMSL8	8"x1/2" hole

## Economical Master Screwback Lap in 1/4"-20

The ground flat and parallel Lap. It is used as a base plate for other laps. Master Lap is 1/4" thick and are not charged with abrasive in 1/4"-20 right thread.



Order Code	Dimension
EMSL6	6"x1/2" hole
EMSL8	8"x1/2" hole

## ZINC Alloy Faceting Lap

Solid Zinc Polishing Lap has long been the lap of choice for professional cutters. Zinc laps are harder than tin and produce flat facets quickly on the hardest of colored stones. Zinc laps can produce a good polish on a wide range of stones from hard to soft. These versatile laps are easy to use and if desired are easily scored with a knife or hacksaw blade. This solid full thickness zinc alloy lap is rigid enough to serve as a single solid lap, without bonding to a base plate or require a master lap base, and can be re-machined if the need arises. These laps are preferred for polishing some of the harder gems such as corundum and cubic zirconia.

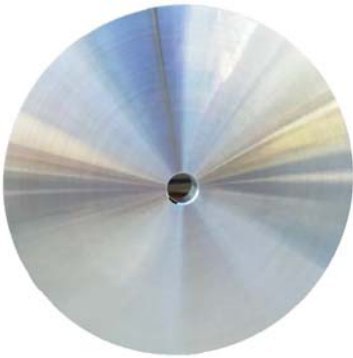


The new polishing disc needs to add water and use 60-80# sandpaper, polish from the outer edge to the inside, until no scratches are seen, and then polish it with 240# sandpaper, and the same processing procedure after the old disc is repaired. The polishing powder should be moistened with diamond oil to form a paste, and continue polishing on 50-150# sandpaper. The disc needs to maintain a certain humidity. The polishing powder should be applied evenly and polished until the surface is black, then it can be used.

Order Code	Dimension
ZLFD6	6"x1/2"
ZLFD8	8"x1/2"

## Tin Faceting Flat Laps

An 10mm thick Tin Lapping Polishing Faceting lap will not develop an orange peel surface common with some other tin laps. 1/2" arbor hole. Tin and its alloys are a class of materials, which have recrystallization temperatures below room temperature. This means that they do not work harden at room temperature. This is very important for embedding diamond into a lapping plate because the lapping material will not work harden during the charging process, thus allowing the diamond to embed into the lapping plate. The problem with most of these low recrystallization metals and alloys is that they do not effectively hold the diamond. The tin TAC-3000 and tin-antimony lapping plates get around this problem by having a very tightly controlled grain structure. As a result the embedded diamond gets pinned at the grain boundaries, which prevents the diamond from smearing and rolling. Thus the tin and tin-antimony lapping plates produce a fixed diamond lapping process. Fixed diamond lapping processes have lower cutting profiles, are more efficient cutters (energy is applied to cutting vs. rolling), produce less wear on the lapping plates, and cut .The result is more characteristic of a polished surface.



Order Code	Dimension
TIN6	6"x1/2"
TIN8	8"x1/2"

## Expandable Drums

Angled expansion slots through the heavy rubber rim allow the drum to expand when rotated; thereby locking the belt in place. Belts can be quickly changed by stopping the machine, slipping of the old one and sliding on the new. In use, the resilient drum surface flexes to the gemstones contour to quickly remove grinding flats. The convex shaped drum provides the cutting action necessary to remove scratches. Sold without belt.



Maximum recommended speed is 1800 RPM. CAUTION: Do not run the drum without belts in place as damage to the rubber rim may result.

Order Code	Dimension
ED615	6"X1.5
ED625	6"X2.5"
ED83	8"X3"

## Magnetic Backer

This magnetic system makes changing from one grit to the next extremely easy, the magnetic base platen stays in place, while the support plates are quickly and easily changed during the grinding/polishing sequence. It can use with Iron or steel support plate except the Aluminum support lap(Plate).Important!



(1) If aluminum or other Non-Ferris Backing Plate the adhesive sticker will permanently adhere to your Plate.

(2) If metal or iron master lap the non adhesive style is may be used.. The magnet will do its job holding firmly in place.

Order Code	Dimension	Order Code	Dimension
MBP6	6"	MBP16	16"
MBP8	8"	MBP18	18"
MBP10	10"	MBP18	20"
MBP12	12"	MBP24	24"
MBP14	14"		

### Polishing Head Pad

Our can save money on this item when you purchase several at a time. The table below shows the minimum quantities required to benefit from this offer and how much they'll cost. Left and right Adapters: 1/2"-20, 5/8"-18, 3/4"-16, 1"-12.



Diameter	Adapter	Diameter	Adapter
6inch	1"-12 Right	8inch	1"-12 Right
6inch	1/2"-20 Right	8inch	1/2"-20 Right
6inch	3/4"-16 Right	8inch	3/4"-16 Right
6inch	5/8"-18 Right	8inch	5/8"-18 Right
6inch	1"-12 left	8inch	1"-12 left
6inch	1/2"-20 left	8inch	1/2"-20 left
6inch	3/4"-16 left	8inch	3/4"-16 left
6inch	5/8"-18 left	8inch	5/8"-18 left

## Phenolic Faceting Laps

Phenolic Faceting Laps are indispensable tools in the gemstone industry, specially crafted for



achieving precise cuts and impeccable finishes. Designed with high-quality phenolic material, these laps provide exceptional stability and durability during the faceting process. Their



unique grooved surface ensures efficient distribution and retention of diamond compounds, guaranteeing consistent results on various gemstone types. Trusted by professionals worldwide, Phenolic Faceting Laps are the ultimate choice for achieving superior faceted gemstones.

Diameter	Hole
6inch Double Cab Faceting Laps	1/2"
8inch Double Cab Faceting Laps	1/2"
6inch Star Cab Faceting Laps	1/2"
8inch Star Cab Faceting Laps	1/2"

## Metal Backing Plate for Magnetic Disc

The Metal Upper Thin Plate is a versatile and reliable product that can be used for both Aluminum master lap and plastic master lap. It is designed to used the diamond laps comes on the without metal master laps, It comes with comes with a self-adhesive backing that makes it easy to stick to the aluminum or plastic master lap. One of the key benefits of this product is that it comes with none diamond, which means that it can be used with our magnetic backed diamond disks. This makes it an ideal choice for those who need to work with diamond disks on



a regular basis, as it allows for easy and efficient use of these disks. Another advantage of the Metal Upper Thin Plate is plated by nickel without diamond to save more money, that it can be 6 inch and 8 inch diameter without hole or full face. This means that you can use it with different hole size of master lap heads, depending on your specific needs and preferences. Overall, the Metal Upper Thin Plate is a high-quality product that is designed to provide reliable and

efficient performance. Whether you are a professional lapidary or a hobbyist, this product is sure to meet your needs and help you achieve the best possible results in your work. So if you are looking for a top-quality Metal Upper Thin Plate, be sure to check out our range of products today! Backing: Pressure Sensitive Adhesive Self-adhesive Backing (PSA),Magnetic Backing, Aluminum Master Lap,1/4"-20 Screwback Master Lap

Diameter	Hole	Order Code
6inch	1/2"	SMBP6
6inch	None	SMBPN6
8inch	1/2"	SMBP8
8inch	None	SMBPN8
10inch	None	SMBPN10
12inch	None	SMBP12

# ACCESSORIES

## Water Cooling System



This complete water cooling system, including brass fittings, easily move Fittings to the hole of arbors.

Order Code	Dimension
WCS615	6" Stainless Steel

## Diamond Dresser Wheel

The fastest, easiest way to dress a grinding wheel! Avoid all of the inaccuracies and difficulties of single point dressing tools! This nickel-plated dresser has long lasting, 46-grit diamond chips for fast resurfacing or shaping. Uniform reconditioning of your wheels is as simple as placing the dresser on your tool rest and contacting the wheel. No more frustration from futile attempts to accurately guide a single point, diamond tip across the face of your grinding wheel.



Products	Grit Size
Diamond Dresser Wheel	45Grit

## Wheel Spacers

These Hans aluminum wheel spacers can be purchased in addition to the standard ones that come with your cabbng machine. They are used in-between the wheels to give you the wheel spacing you desire. They are compatible on both the Hans 6inch and 8inch Grinder Machine. Order Code: LWS





## Led Light

Hans LED lamps are available for the 6" and 8" capping machine. This lamp is very popular for Hans owners with older machines that were manufactured with a halogen light bulb. Get longer light life and prevent heat build-up with the LED light bulb installed in this flexible, gooseneck lamp. Order Code: LED



## Hand Rest Part

This part can let your wrist and hand have more support when you polishing and grinding stone, sometimes when you work a long times you need let your hand rest, so the hand rest part can help you. Order Code: HRP



## Water Control Shut Off Valves

This is the on/off shut off valves knob that controls the water flow to your wheels. Each water control shut off valves is sold separately and compatible with both 6" and 8" Grinder(4pcs in one set) Order Code: CSOV



## Drip Pan Tubing

Lapidary Grinder Drip Pan Tubing the Hans drip pan tubing is an essential part of our clean water circulatory system. They drain all of the used, dirty water collected in the drip pans on the 6" capping machine and the 8" capping machine. These drip pan tubes connect to the back of the drip pans and include the clasps (as shown in the picture). Order Code: DPT



## Replacements Water Pumps



Replacement Hans water pushing pumps are available for the Hans and others lapidary Cabbng machines.

Order Code: RWP

## Grinder Quickly Change Shafts

Extra Hans 6inch quickly changed shafts can according to you requirements to create your own



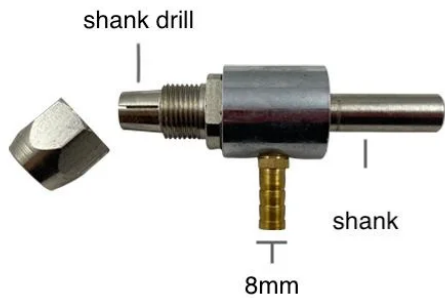
combination grit of wheels, that can easily be wrapped out versus changing individual wheels on the Hans 6inch lapidary grinder machine

Order Code: GQCS

Order Code	Machine
LWS	6" and 8"
LED	6" and 8"
HRP	6" and 8"
CSOV	6" and 8"
DPT	6" and 8"
RWP	6" and 8"
GQCS	6" and 8"

# Water Swivel Chunk

These water feeding swivel adaptors are for supplying water or coolant through the center of a 10mm shank core drill bit such as our range of sintered diamond core drills. This will help cool the drill bit and the material you are drilling preventing overheating and therefore prolonging the life of your drill bit. Furthermore this will help prevent cracks forming in your material.



- Choose either 6mm,10mm arbor or 12mm arbor to fit

into your drilling equipment

- Collet opens to hold 6mm,8mm 10mm shank core or hollow drill bits
- 8mm water feed for connecting to a water hose or pipe

Water Chuck Shaft	Core Drill Shaft
6mm	6mm
6mm	8mm
6mm	10mm
10mm	10mm
12mm	10mm

## Belgium Thread Water Swivel Chuck

Water Swivels for Diamond Core Drills are manufactured with pressure-sealed ball bearings, precision machined stainless steel spindles, and lightweight aluminum bodies. All Water Swivels are made with precision ground shafts for ultimate performance and longevity. The water swivels is mounted into the tool holder of the machine and coolant is injected through the water swivel traveling down into the core of the core drill to which it is mounted. All core drills come with an adaptor that assures a secure fit to



prevent run-out. Water swivels are available with different threads and mounts and are designed to give worry free performance. Several models are available in stock. Special size Water Swivels can be made upon request. Provides a constant water flow for drilling with wet core bits, water fed Drill Head Assembly is used with our sintered diamond core drills to provide a water flow through the center of the core drill for easy flushing of ground glass from your piece as you drill. The Drill Head Assembly chucks into your drill press and is used with a submersible pump to provide water directly to the attached core drill.

Water Chuck Shaft	Diamond Core Drill Shaft
1/2 Gas	Belgium Therad

### Tapered Water Swivel Chuck

Provides a constant water flow for drilling with wet core bits, water fed Drill Head Assembly is



used with our sintered diamond core drills to provide a water flow through the center of the core drill for easy flushing of ground glass from your piece as you drill. The Drill



Head Assembly chucks into your drill press and is used with a submersible pump to provide water directly to the attached core drill. These water feeding swivel adaptors are for supplying water or coolant through the center of a 10mm shank core drill bit such as our range of sintered diamond core drills. This will help cool the drill bit and the material you are drilling preventing overheating and therefore prolonging the life of your drill bit. Furthermore this will help prevent cracks forming in your material. For 10mm Tapered Diamond Core Drill.

Water Chuck Shaft	Diamond Core Drill Shaft
12mm A	Tapered Shaft
12mm B	Tapered Shaft

## Water Swivel Adapter

Water Swivel Adapters (also known as drill head assemblies) are to supply high water, coolant, or air through the center of your diamond drills. Water Swivel Adapters/Drill Head Assemblies cools both diamond drills and material in zone of drilling. Water swivel adapters fit just about any type of drilling equipment and available with different length and mountings.



Products	Size	45# Steel Price	Stainless Steel Price
Water Chuck Adapter	35mm		
	45mm		
	55mm		
	60mm		
	65mm		
	75mm		
Lengthening Adapter	37mm Length		
	40mm Length		