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EQUIPMENT



Roll-N-Tumble Gem Tumblers

Roll-N-Tumble Gem Tumbler Features:

- Solid EVA Barrel
- Cast aluminum chassis
- Powder coated frame and belt guard
- Steel support shafts
- DuPont nylon bearings
- Fan cooled motor

Covington's **Rolling Tumblers** are stout American-made machines built to last. These quiet running tumblers utilize raised ridges inside the barrel which prevent sliding and promote a faster grind. The proper rotary speed is preset in factory to ensure maximum abrasion and polishing action. The barrels can be removed easily for inspection or cleaning. All tumbling units ship complete with a belt guard, instructions, and product guarantee.

Model #	Barrel Size	Capacity	Motor	Motor Size	Motor #	Weight	Dimensions	Price
251TUM	Single Gallon	12 lbs.	110V, 60Hz	1/21hp	MTR618	20 lbs.	23" x 14" x 10"	\$370.00
2512TM			220V, 50Hz		MTR552			\$380.00
*252TUM	Double Gallon	24 lbs.	110V, 60Hz	1/6hp	MTR580	32 lbs.	30" x 14" x 10"	\$495.00
*253TUM	Triple Gallon	36 lbs.	110V, 60Hz	1/6hp	MTR580	38 lbs.	40" x 14" x 10"	\$595.00
254TUM	Single 1/2-Gallon	6 lbs.	110V, 60Hz	1/21hp	MTR618	18 lbs.	16" x 12" x 10"	\$325.00
2542TM			220V, 50Hz		MTR552			\$335.00
255TUM	Double 1/2-Gallon	12 lbs.	110V, 60Hz	1/21hp	MTR618	22 lbs.	23" x 14" x 10"	\$415.00
2552TM			220V, 50Hz		MTR552			\$425.00
*256TUM	Triple 1/2-Gallon	18 lbs.	110V, 60Hz	1/6hp	MTR580	32 lbs.	30" x 14" x 10"	\$545.00
257TUM	Single Quart	3 lbs.	110V, 60Hz	1/21hp	MTR618	15 lbs.	16" x 12" x 10"	\$305.00
2572TM			220V, 50Hz		MTR552			\$315.00
258TUM	Double Quart	6 lbs.	110V, 60Hz	1/21hp	MTR618	19 lbs.	16" x 12" x 10"	\$395.00
2582TM			220V, 50Hz		MTR552			\$405.00
259TUM	Triple Quart	9 lbs.	110V, 60Hz	1/21hp	MTR618	22 lbs.	23" x 14" x 10"	\$475.00
2592TM			220V, 50Hz		MTR552			\$485.00

*220V, 50Hz models not available but can be used with transformer



Single Gallon Barrel		
Order #	Dimensions	Price
BAR251	6" x 11-1/2"	\$85.00



Single 1/2-Gallon Barrel		
Order #	Dimensions	Price
BAR254	6" x 7-1/4"	\$75.00



Single Quart Barrel		
Order #	Dimensions	Price
BAR257	6" x 4"	\$65.00



Roll-N-Tumble Gem Tumblers

ROLL-N-TUMBLE GEM TUMBLERS



Single Gallon Tumbler 

Model #	Dimensions	Price
251TUM	23" x 14" x 10"	\$370.00
2512TM		\$380.00



Double Gallon Tumbler 

Model #	Dimensions	Price
252TUM	30" x 14" x 10"	\$495.00



Triple Gallon Tumbler 

Model #	Dimensions	Price
253TUM	40" x 14" x 10"	\$595.00



Single 1/2-Gallon Tumbler 

Model #	Dimensions	Price
254TUM	16" x 12" x 10"	\$325.00
2542TM		\$335.00



Dbl. 1/2-Gallon Tumbler 

Model #	Dimensions	Price
255TUM	23" x 14" x 10"	\$415.00
2552TM		\$425.00



Triple 1/2-Gallon Tumbler 

Model #	Dimensions	Price
256TUM	30" x 14" x 10"	\$545.00



Single Quart Tumbler 

Model #	Dimensions	Price
257TUM	16" x 12" x 10"	\$305.00
2572TM		\$315.00



Double Quart Tumbler 

Model #	Dimensions	Price
258TUM	16" x 12" x 10"	\$395.00
2582TM		\$405.00



Triple Quart Tumbler 

Model #	Dimensions	Price
259TUM	23" x 14" x 10"	\$475.00
2592TM		\$485.00



TIP: Using Old Miser® with your tumbler will save time and money. This compound helps bind grit to the workpiece while prohibiting the water from washing the grit away. This process speeds up the grinding stages and conserves grit. Use 4-teaspoons of Old Miser® per 1-pound of grit.

Note: Do not use Old Miser® during polishing stages.

Deluxe Tumbler



Deluxe Tumbler Features:

- Unique 3-way tumbling action
- Solid polyvinyl barrel
- Powder coated cast aluminum chassis
- DuPont nylon bearings
- Fan cooled motor

The Covington **Deluxe Tumbler** features a unique 3-way tumbling action that quickly tumbles material. A Covington exclusive, the hexagonal barrel aids in abrasion by:

- 1.) Tumbling in the bottom corner of the barrel with criss-cross and side-to-side action.
- 2.) Forcing the pieces to change position six times per revolution.
- 3.) Moving a portion of the pieces gently up and down while rotating.

The slanted barrel allows easy access for checking progress. This unit is ideal for tumbling gold and silver castings, glass, and gemstones. The tumbler comes complete with instructions and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
250TUM	110V, 60Hz	MTR618	23" x 14" x 10"	20 lbs.	\$445.00
2502TM	220V, 50Hz	MTR552			\$455.00



40-lb. Production Tumbler



**Excellent for Tumbling Brass!*

40-lb. Production Tumbler Features:

- 1/3hp motor
- Powder coated steel chassis
- Heavy-duty sealed ball bearings
- Powder coated hexagonal barrel with rubber liner
- Dual driven, rubber covered, 5/8" steel support shafts

The **40-lb. Production Tumbler** is a commercial-sized unit designed for extended heavy use. The tumbler barrel turns on rubber covered roller shafts in an enclosed frame preventing it from falling off the support rods. This unit ships complete with a belt guard, instructions, and product guarantee.

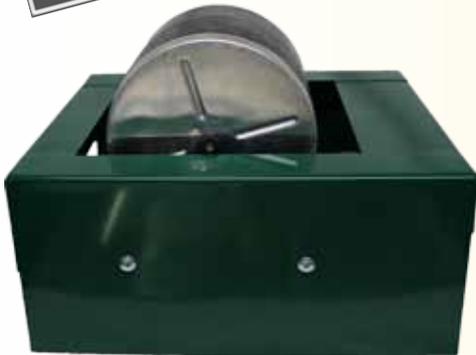
40-lb. Production Barrel		
Order #	Dimensions	Weight
BAR268	16" x 16" x 16"	27 lbs.

**Barrel Ships Separately*

Model #	Motor	Motor #	Dimensions	Weight	Price
268TUM	110V, 60Hz	MTR534	25" x 25" x 16"	57 lbs.	\$849.95
2682TM	220V, 50Hz	MTRH81			\$899.95



New!



Production Tumbler Mini

Covington's New Production Tumbler Mini Features:

- 1/6hp motor
- Powder coated steel chassis
- Sealed ball bearings
- Imported rubber barrel with hexagonal inside to promote tumbling action
- 1/2" steel support shafts

Covington's newest addition to the tumbler family, the **Production Tumbler Mini** is a low-cost miniature alternative to the 40 lb. Production Tumbler. This small economical unit has a nine pound, one gallon capacity. The enclosed powder coated steel chassis prevents the barrel from fall off the turning support rods. This unit ships complete with tumbler base, barrel, and instructions. Covington Engineering supplies a full one year warranty on the tumbler base. The barrel is not covered under warranty. The base unit is made in USA, the barrel is an import.

Replacement Barrel	
Model #	Price
BAR275	\$65.00

Production Tumbler Mini					
Model #	Motor	Motor #	Dimensions	Weight	Price
275TUM	110V, 60Hz	MTR580	20" x 20" x 15"	30 lbs.	\$299.95

Replacement Tumbler Parts & Kits



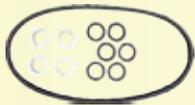
40-lb. Production Barrel		
Order #	Dimensions	Price
BAR268	16" x 16" x 16"	\$395.00



Liner & Head Gasket		
Order #	Dimensions	Price
TLB268	16" x 16" x 16"	\$224.00
BHG268	12" x 12" x 1"	\$30.00

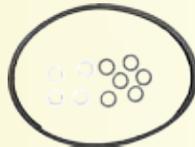


Deluxe Barrel		
Order #	Dimensions	Price
BAR250	23" x 14" x 10"	\$165.00



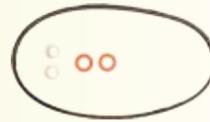
1/21hp Tumbler Kit Includes Washers, Bearings, & V-Belt
*Pulley Not Included

1/21hp Tumbler Kit	
Order #	Price
TRK121	\$9.25



1/6hp Tumbler Kit Includes Washers, Bearings, & V-Belt
*Pulley Not Included

1/6hp Tumbler Kit	
Order #	Price
TRK116	\$13.25



250 Tumbler Kit Includes Washers, Bearings, & V-Belt
*Pulley Not Included

250 Tumbler Kit	
Order #	Price
TRK250	\$13.50



Driven Pulley		
Order #	Unit	Price
PUL300	1/21hp	\$8.50
PUL300	1/6hp	\$8.50
PUL350	250	\$8.75



Motor Pulley		
Order #	Unit	Price
PUL459	1/21hp	\$6.50
PUL098	1/6hp	\$5.25
PUL459	250	\$6.50



V-Belt		
Order #	Unit	Price
MVB180	1/21hp	\$6.50
MVB220	1/6hp	\$8.05
MVB200	250	\$6.50



Wear Washer		
Order #	Unit	Price
FWW912	1/21hp	\$0.35
FWW912	1/6hp	\$0.35
FWW734	250	\$0.35



Nylon Bearing		
Order #	Unit	Price
DNB012	1/21hp	\$1.50
DNB012	1/6hp	\$1.50
DNB038	250	\$1.50



Small Sphere Machine



**Covington's Small Sphere Machine is an excellent choice for restoring marbles to original condition.*

Small Sphere Machine Features:

- Dual 1/21hp motors
- Automatic grit application
- Spring loaded cutting head
- Cutting angle adjustment
- Powder coated aluminum castings

The **Small Sphere Machine** makes spheres from 1/4" to 1" in size. This precision based unit will grind a rough, round shape to a perfect polished sphere. The downward slant of the cutter cups and shafts run the sphere in a continuous bath of grit eliminating the need to constantly dab grit on with a brush, and causing the grit slurry to run away from the bearings. Increase the angle of the cutting cups as the rough corners of the sphere grind off; a spring loaded head makes continuous adjustment unnecessary. Unit comes complete with one (1) grit pan, instructions, product guarantee, and one pair of 1/4", 3/8", 5/8", and 7/8" cutter cups.

Model #	Motor	Motor #	Dimensions	Weight	Price
382SSM	110V, 60Hz	MTR618	23" x 14" x 10"	26 lbs.	\$549.95
3822SM	220V, 50Hz	MTR552			\$599.95



Large Sphere Machine



**Large Sphere Machine must ship common carrier. Call for a freight quote today.*

Large Sphere Machine Features:

- Dual 1/3hp motors
- Automatic grit application with slurry bowl
- Spring loaded cutting heads
- Cutting angle adjustment
- Shielded arbor shafts and bearings
- Large powder coated metal cabinet with shelf

The **Large Sphere Machine** makes spheres ranging from 1-1/4" to 9" in size. The downward slant of the shafts run the sphere in a bath of grit, eliminating the need to constantly dab grit on with a brush, and causing the grit slurry to run away from the bearings. Increase the angle of the cutting cups as the rough corners of the sphere grind off. Both heads are spring loaded so continuous adjustment is unnecessary. This unit comes complete with two (2) polishing buffs, two (2) grit pans, instructions, product guarantee, and choice of one pair (2) of cutter cups. *Please state cup size when ordering.

Model #	Motor	Motor #	Dimensions	Weight	Price
381LSM	110V, 60Hz	MTR916	43" x 19" x 43"	250 lbs.	\$1,650.00
3812LM	220V, 50Hz			300 lbs.	\$1,700.00



Three-Headed Sphere Machine



Three-Headed Sphere Machine Features:

- Three 1/6hp, heavy-duty gear motors
- Available in 110V, 60Hz or 220V, 50Hz
- 161rpm with 60 in-lbs. torque, 220V, 50Hz motor 134rpm
- Each motor is independently mounted on a swivel base
- Stands 36" high with water tower and grit feed
- Heavy steel frame and guides provide years of use

Covington's **Three-Headed Sphere Machine** makes spheres ranging from 2-1/2" to 10" in size. The water supply and grit dispenser are mounted so the sphere runs constantly with a fresh supply of grit and water. All three heads are spring loaded, work independently from one another, and adjust quickly with large spin handles. Unit comes complete with one (1) grit catch pan, instructions, product guarantee, and choice of one set of three (3) cutter cups. *Please state cup size when ordering.

Model #	Motor	Motor #	Dimensions	Weight	Price
383TSM	110V, 60Hz	MTR383	43" x 39" x 21"	255 lbs.	\$2,750.00
3832TM	220V, 50Hz			305 lbs.	



**Three-Headed Sphere Machine must ship common carrier. Call for a freight quote today.*

Cast Iron Cutter Cups



Covington's Cast Iron Cutter Cups are designed to provide maximum grinding surface contact while allowing for imperfections in the preformed spheres. The soft cast iron material allows the grit to embed itself in the cutter cup, promoting a faster grind. These high quality cups are preferred and used by many lapidary and glass artists.

		Set of 2		Set of 3		
Size	Order #	Weight	Price	Order #	Weight	Price
1"	LSM201	3 lbs.	\$22.00	LSM301	4 lbs.	\$33.00
1-3/8"	LSM202	4 lbs.	\$27.00	LSM302	5 lbs.	\$40.50
2-3/8"	LSM203	5 lbs.	\$33.00	LSM303	9 lbs.	\$49.50
3-3/8"	LSM204	9 lbs.	\$45.00	LSM304	13 lbs.	\$76.50
4-3/8"	LSM205	12 lbs.	\$54.00	LSM305	16 lbs.	\$81.00

All sizes available in 3/4" Pipe Thread at no additional cost



Diamond Cutter Cups



The 4" Diamond Cutter Cups grind faster than conventional silicon carbide cutter cups. The Sintered Diamond Cutter Cups, manufactured in house, are aggressive without being harsh and accommodate spheres from 3-3/4" to 6-1/2". The Resin Bonded Diamond Cutter Cups provide better control and grind quickly. These are designed for finishing spheres. All cutter cups come with 3/4" National Pipe Thread.

Sintered Diamond Cutter Cups			
Order #	Description	Weight	Price
DC4405	Coarse, Red 40/50g	3 lbs.	\$125.00 each
DC4112	Medium, Green 100/120g		
DC4182	Fine, Yellow 180/200g		
Resin Bonded Diamond Cups			
DC4100	Coarse, Black 100g	2 lbs.	\$60.00 each
DC4220	Medium, Purple 220g		
DC4320	Medium/Fine, Brown 320g		
DC4600	Fine, Red 600g		
DC4120	Extra Fine, Blue 1,200g		

Not available in 1"-8RH National Coarse Thread



Sphere Machine Tools



#PTS381: Set of two (2) shafts convert 1"-8RH thread to 3/4" pipe thread.



#PTA383: Set of three (3) adapters convert 1"-8RH thread to 3/4" pipe thread.



#SAC001: Set of three (3) angle cutters for holding cubed rock from 2-1/2" to 6".



#SMT001: Set of eight (8) templates to pre-mark stones for an easy to follow guide. 1/2" increments from 2" to 5-1/2".

Order #	Weight	Price
SMT001	4 lbs.	\$15.75
SAC001	5 lbs.	\$29.00
PTA383	4 lbs.	\$52.50
PTS381	5 lbs.	\$35.00



Sphere Cutting Tool Kit



The Sphere Cutting Tool Kit will make spheres from 1-1/4" to 4" in size. Cups have a 1"-8RH threaded bore to fit horizontal lap arbors. This kit consists of a special splashguard and one (1) each: 1", 1-3/8", and 2-3/8" cutter cups. Sphere cutting on this unit is simple, just hold the rough sphere with a gloved hand and grind it on the proper size sphere cutter cup.

Order #	Dimensions	Weight	Price
SCK339	10" x 10" x 4"	9 lbs.	\$73.50



Small Sphere Machine Cutter Cups

Small Sphere Machine Cutter Cups



Small Sphere Machine Cutter Cups are manufactured at the Covington facility.

Order #	Size	Weight	Price
SSM001	1/4"	1 lb.	\$5.00
SSM002	3/8"	1 lb.	\$5.50
SSM003	5/8"	1 lb.	\$6.00
SSM004	7/8"	1 lb.	\$6.50
SSM005	Set of 2 ea.	1 lb.	\$20.50



Wet Belt Sanders & Polishers

Wet Belt Sander Features:

- Upright bearing support casting mounted on a cast aluminum tank or a heavy 16-gauge steel tank
- All sanders are available in 220V, 50Hz for use outside of the United States
- Unobstructed access to work area
- Quick change belt system
- Powder coated hood, base, and bearing support
- Single control alignment to keep belt running true
- Shielded bearings, double sealed and greased for life
- Adjustable back plate sands flat surfaces



NOTE: Covington's Horizontal Sanders are designed for heavy grinding purposes. It is difficult to polish on these units as the belt runs very close to the bottom of the pan.

The #762 Commercial Horizontal Wet Belt Sander is designed for large production work. This sander comes complete with a 1/2hp, motor mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. The supported back plate gives user a 3" x 13" working space for grinding long flat surfaces. This wet belt sander uses 3" x 41-1/2" sanding belts increasing grinding surface and extending belt life. This model ships with the motor attached ready to plug in and operate.

Back Plates		
Order #	Size	Price
CSBP02	2"	\$18.95
CSBP04	4"	\$26.95
CSBP13	13"	\$47.25



The #464 Basic Wet Belt Sander is a high quality, affordable, "build-your-own" style machine; it is ideal for those who already own a motor and are interested in creating their own sander. This sander uses 3" x 24" size belts. This unit comes complete with a product guarantee. *Please note that this model is sold without a motor, base, belt guard, water valve, and spray nozzle.

Basic Wet Belt Sander			
Model #	Dimensions	Weight	Price
464WBS	12" x 10" x 16"	18 lbs.	\$399.00



Commercial Horizontal Wet Belt Sander					
Model #	Motor	Motor #	Dimensions	Weight	Price
762WBS	110V, 60Hz	MTR199	25" x 25" x 12"	70 lbs.	\$865.00
7622WS	220V, 50Hz				\$900.00



The #764 Large Basic Wet Belt Sander is a high quality, affordable, "build-your-own" style machine; it is an excellent choice for those who already own a motor and are interested in creating their own sander. This sander uses 3" x 41-1/2" size belts. This unit ships complete with a product guarantee. *Please note that this model is sold without a motor, base, belt guard, water valve, and spray nozzle.

Large Basic Wet Belt Sander			
Model #	Dimensions	Weight	Price
764WBS	23" x 13" x 10"	28 lbs.	\$549.00



The #466 Mounted Wet Belt Sander has 6" of workspace and is designed to sand, grind, and polish small items. This unit comes complete with a 1/3hp motor and belt guard mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. This model ships with the motor attached, ready to plug in and operate.

Mounted Wet Belt Sander					
Model #	Motor	Motor #	Dimensions	Weight	Price
466WBS	110V, 60Hz	MTR534	24" x 12" x 20"	45 lbs.	\$595.00
4662WS	220V, 50Hz	MTRH81			\$645.00



Wet Belt Sanders & Polishers



The #760 Commercial Wet Belt Sander is designed for large production work. 3" x 41-1/2" size belts provide greater sanding surface and an extended belt life. This unit comes complete with a 4" high back plate, 1/3hp motor, belt guard, rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. This sander ships with the motor attached, ready to plug in and operate.

Commercial Wet Belt Sander					
Model #	Motor	Motor #	Dimensions	Weight	Price
760WBS	110V, 60Hz	MTR534	27" x 27" x 14"	52 lbs.	\$746.25
7602WS	220V, 50Hz	MTRH81			\$788.25



The #460 Horizontal Wet Belt Sander is designed for grinding flat surfaces such as tiles. This sander uses 3" x 25-7/32" sanding belts and comes complete with a 1/3hp motor mounted on a rustproof aluminum-topped Lam-I-Cushion base, a water valve and spray nozzle for water supply hookup, 3" x 6" backing plate, instructions, and product guarantee. This machine ships with the motor attached, ready to plug in and operate.

Horizontal Wet Belt Sander					
Model #	Motor	Motor #	Dimensions	Weight	Price
460WBS	110V, 60Hz	MTR534	24" x 12" x 10"	43 lbs.	\$585.00
4602WS	220V, 50Hz	MTRH81			\$625.00



The #761 Deluxe Commercial Wet Belt Sander is designed for high production work. This machine sands, grinds, and polishes large or heavy pieces. The deluxe sander is equipped with a 1/2hp motor, a 13" high back plate, a 4" high back plate, belt guard, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. The 13" high back plate makes it possible to wet sand flat surfaces vertically. This unit ships with the motor attached, ready to plug in and operate.

Deluxe Commercial Wet Belt Sander					
Model #	Motor	Motor #	Dimensions	Weight	Price
761WBS	110V, 60Hz	MTR199	27" x 27" x 14"	67 lbs.	\$866.25
7612WS	220V, 50Hz				\$908.25



The #465 Combination Wet Belt Sander and Muslin Buff Polisher works with plastics and jewelry. This sander comes complete with a dual-shafted 1/3hp motor and belt guard mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. Water valve and spray nozzle are built in for easy hookup. The valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. With 6" of belt workspace and an arbor that mounts two (2) 6" muslin buffs, this model will grind and polish stones and burnish metal settings making it an ideal fit for jewelry designers.

Combo Sander & Muslin Buff Polisher					
Model #	Motor	Motor #	Dimensions	Weight	Price
465WBS	110V, 60Hz	MTR465	24" x 12" x 20"	50 lbs.	\$745.00
4652WS	220V, 50Hz				\$790.00

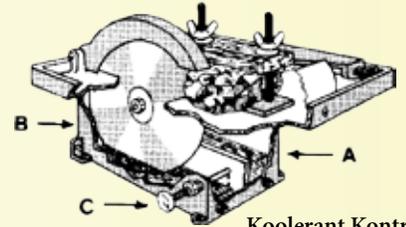


10" Trim Saws



Trim Saw Features:

- Cross feed permits 3-1/2" of material to be slabbed without reclamping
- Bulldog vise grip holds all rock shapes and swings away for hand trimming
- Hold down hook runs under the tabletop so work piece can't climb blade or jam
- 1/3hp motor mounts directly on back of tank casting
- Front shield protects operator from cutting waste
- 5/8" steel arbor shaft
- Covington Gold Series blade
- *All units now come with Lam-I-Cushion base*



Koolerant Kontrol

Covington's 10" Trim Saws cut rocks, minerals, and glass. Ball bearing arbor assembly has grit slinger to protect precision bearings. Trim saws feature Covington's unique "Koolerant Kontrol" valve which virtually eliminates splash. Valve "C" adjusts the flow from reservoir "A" into blade compartment "B" to maintain proper coolant levels. Excess coolant from cutting area returns to the reservoir. Twin drains allow easy cleaning of sump. Weight feed accessories include nylon cord and scale to determine weight on vise feed. All units ship assembled with motor, aluminum topped Lam-I-Cushion base, operating instructions, and product guarantee. Covington's "Complete" unit includes power feed, and hood. The hood ships separately.

10" Trim Saw Weight Feed Model					
Model #	Motor	Motor #	Dimensions	Weight	Price
1510WF	110V, 60Hz	MTR534	28" x 18" x 15"	60 lbs.	\$799.00
15102W	220V, 50Hz	MTRH81			\$849.00



10" Trim Saw Power Feed Model					
Model #	Motor	Motor #	Dimensions	Weight	Price
1510PF	110V, 60Hz	MTR534	28" x 18" x 15"	60 lbs.	\$975.00
15102P	220V, 50Hz	MTRH81			\$1,025.00



10" Trim Saw Complete w/ Power Feed & Hood					
Model #	Motor	Motor #	Dimensions	Weight	Price
1510TS	110V, 60Hz	MTR534	28" x 18" x 15"	60 lbs.	\$1,049.00
15102S	220V, 50Hz	MTRH81			\$1,099.00



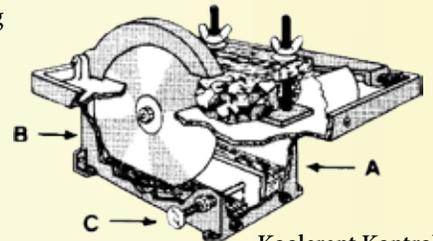
10" Glass Trim Saws



5115TS
Pictured

Glass Trim Saw Features:

- 1/3hp motor mounts directly on back of tank casting
- Neoprene sealed ball bearings, greased for life
- Powder coated tank, table top, and blade guard
- Adjustable blade guard
- Choice between Covington's Platinum Resin Glass blade and Covington's Ultimate Glass blade



Koolerant Kontrol

The 10" Glass Trim Saws produce smooth clean cuts with minimal chipping and a prolonged blade life. Open table space permits ample room for free trimming. All glass trim saws feature Covington's unique "Koolerant Kontrol" valve which virtually eliminates splash. Valve "C" adjusts the flow from reservoir "A" into blade compartment "B" to maintain proper coolant levels. Excess coolant from cutting area returns to the reservoir. Twin drains permit quick cleaning of sump. All units ship fully assembled with a diamond blade, aluminum topped Lam-I-Cushion base, 1/3hp motor, Koolerant Kontrol valve, operating instructions, and product guarantee.

10" Glass Trim Saw w/ Ultimate Glass Blade					
Model #	Motor	Motor #	Dimensions	Weight	Price
5110TS	110V, 60Hz	MTR534	28" x 18" x 15"	56 lbs.	\$749.00
51102S	220V, 50Hz	MTRH81			\$799.00



10" Glass Trim Saw w/ Platinum Resin Glass Blade					
Model #	Motor	Motor #	Dimensions	Weight	Price
5115TS	110V, 60Hz	MTR534	28" x 18" x 15"	56 lbs.	\$865.00
51152S	220V, 50Hz	MTRH81			\$915.00



Caution: Platinum Resin Glass Blade is extremely fragile!

Plexiglas™ Hood



TSH164 Pictured

Covington's Trim Saw Hood fits inside the 8" and 10" trim saw table edge and sets into place, no drill holes required. The clear Plexiglas™ design makes viewing and trimming easy. Roomy hand holes on each side provide ample room for free cutting movement. This hood reduces splash and minimizes misting.

Now available: fully enclosed hood without hand holes.

*#TSH164 is designed for use with Trim Saw Models #1508TS and #1510TS.

*#TSH165 is designed for use on Glass Trim Saw Models #5008TS, #5010TS and #5110TS.

*#TSH166 is designed for use with powerfeed models.

Order #	Dimensions	Weight	Price
TSH164	20" x 14" x 12"	6 lbs.	\$99.00
TSH165	20" x 14" x 12"	6 lbs.	\$99.00
TSH166	20" x 14" x 12"	6 lbs.	\$99.00

New!



10" Trim Saw Kit



CAR13R Pictured Above

TSK186 Pictured Above

10" Trim Saw Kit Features:

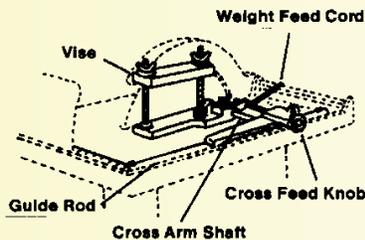
- Cast aluminum table and blade guard
- Sealed, ball bearing arbor
- Splash shield

The 10" Trim Saw Kit is a low cost alternative to buying a complete trim saw. This "build-your-own" style kit requires the user to construct a saw box and assemble the pieces. The kit includes a 16" x 10-1/2" cast aluminum table, blade guard, splash shield, Covington's #CAR13 x 5/8" RH arbor which mounts to the underside of the table, instructions, and product guarantee. Motors, pulleys, belts, and blades can be ordered elsewhere in this catalog. Refer to the index for locations and prices.

Order #	Dimensions	Weight	Price
TSK186	18" x 14" x 8"	9 lbs.	\$175.00



Trim Saw Vise & Cross Feed Kit



The Trim Saw Vise and Cross Feed are designed to slab small work samples. The vise jaws hold up to a 3-1/2" rock and grip the work piece without blocks or shims. The cross feed adjusts 3-1/2" before repositioning the stone in the vise. The end of the cross arm shaft has a "no bind" roller bearing and hook which ensures a smooth feed and prevents rocks from "riding up" the blade. This kit comes complete with a vise assembly, cross arm shaft, cross feed, knob, weight feed cord, and scales. *Please note that this kit does not fit on #TSK186.

Order #	Dimensions	Weight	Price
TSV159	16" x 12" x 10"	6 lbs.	\$145.00



10" Chop Saw

New!



**10" Chop Saws must ship common carrier. Call for a freight quote today.*

10" Chop Saw Features:

- 1-1/2hp Baldor TEFC motor
- 18" x 16-1/2" Husqvarna patented sliding platform
- Optional leg stand available
- **Now modified to cut at a slower speed!**

The Husqvarna Tilematic TS 250 X3 is a professional grade chop saw designed for cutting glass. The 1-1/2hp Baldor TEFC motor is designed specifically for use on this unit. The 18" x 16-1/2" platform uses Husqvarna's patented technology and slides with the utmost ease. With a 10" blade capacity, this saw can cut glass with a depth of 3-3/4" and up to 24" in length. Covington Engineering has worked closely with Husqvarna to modify the cutting speed of this saw from 2,760rpm to 1,971rpm in order to reduce chipping when cutting glass. Please note that some assembly is required and that the leg stand is sold separately.



Order #	Dimensions	Weight	Price
HCS250	44" x 28" x 22"	155 lbs.	\$1,408.00
CSTAND	45" x 24" x 4"	26 lbs.	\$135.00

Trim Saw Vise



The Trim Saw Vise is designed to work on the model #457, #494, #495, #496, & #497. The vise opens up to 1-5/8" and firmly grips rock.

Order #	Dimensions	Weight	Price
TSV695	6" x 5" x 5"	2 lbs.	\$36.50



6" Faceter's Saw & Grinder



6" Faceter's Saw and Grinder Features:

- Powder coated cast aluminum tank
- Cast aluminum table top
- 1/2" shaft with 2 sealed ball bearings, greased for life
- Adjustable cast aluminum blade/wheel guard

The 6" Faceter's Saw and Grinder is a "build-your-own" style machine designed to cut and grind small work pieces. This unit mounts either a 6" diamond blade or a 6" x 1/2" grinding wheel. An adjustable guard fits both the grinding wheel and the blade. The blade and wheel are easy to change. This unit requires a 1/4hp or 1/3hp motor. *Please note that the motor, grinding wheel, and saw blade are not included.

Order #	Dimensions	Weight	Price
FGS496	14" x 12" x 9"	12 lbs.	\$266.00



6" Trim Saw & Grinder



6" Trim Saw Features:

- Powder coated tank and belt guard
- Cast aluminum table, blade guard, and tank

The Mounted 6" Saw and Grinder is designed to cut and grind small gemstones. This unit ships complete with a 1/3hp motor, switch cord, 6" Covington Gold Series diamond blade, a 6" x 1/2" silicon carbide grinding wheel (100g), instructions, and product guarantee. The blade and wheel are easy to change, and an adjustable guard fits both. *Trim Saw Vise sold separately.*

Model #	Motor	Motor #	Dimensions	Weight	Price
497FSM	110V, 60Hz	MTR534	24" x 12" x 10"	39 lbs.	\$499.95
4972FM	220V, 50Hz	MTRH81			\$541.95



MADE FROM GRADE
A RUSSIAN JADE
ARTIST: JOE SHEEHAN

Combination Slab Saw

Combination Slab Saws Feature:

- 1/2hp motor, ships separately
- Power feed option available
- Sawmill type carriage glides on steel ways
- 4" cross feed adjusts 1/16" per turn for uniform slabbing
- Weight feed action utilizes scales, cord, and weight
- Light enough to be moved easily, yet heavy-duty enough for everyday use
- Easily converts from slab saw to trim saw with drop-in table
- Rigid grip vise: steel jaw tongue contacts full length of vise, holding jaw square so it can't bind

Motors Ship Separately		
Order #	Dimensions	Weight
MTR199	16" x 9" x 11"	18 lbs.



**Combination Slab Saws must ship common carrier. Call for a freight quote today.*

Order #	Description	Dimensions	Weight	Price
SLS184	Leg Stand	36" x 15" x 5"	27 lbs.	\$175.00



Weight Feed Table Top Model							
Model #	Motor	Description	#2 Vise	Blade	Dimensions	Weight	Price
1132WF	110V, 60Hz	12" Saw	5"	CP3112	37" x 26" x 26"	130 lbs.	\$1,725.00
11322W	220V, 50Hz						\$1,767.00
1152WF	110V, 60Hz	14" Saw	6"	CP3114	37" x 26" x 26"	130 lbs.	\$1,800.00
11522W	220V, 50Hz						\$1,842.00
1172WF	110V, 60Hz	16" Saw	7"	CP3116	37" x 26" x 26"	130 lbs.	\$1,875.00
11722W	220V, 50Hz						\$1,917.00

Power Feed Table Top Model							
Model #	Motor	Description	#2 Vise	Blade	Dimensions	Weight	Price
1132PF	110V, 60Hz	12" Saw	5"	CP3112	37" x 26" x 26"	130 lbs.	\$1,910.00
11322P	220V, 50Hz						\$1,952.00
1152PF	110V, 60Hz	14" Saw	6"	CP3114	37" x 26" x 26"	130 lbs.	\$1,985.00
11522P	220V, 50Hz						\$2,027.00
1172PF	110V, 60Hz	16" Saw	7"	CP3116	37" x 26" x 26"	130 lbs.	\$2,060.00
11722P	220V, 50Hz						\$2,102.00

Complete Model With Power Feed and Leg Stand							
Model #	Motor	Description	#2 Vise	Blade	Dimensions	Weight	Price
1132CS	110V, 60Hz	12" Saw	5"	CP3112	37" x 26" x 26"	130 lbs.	\$2,035.00
11322S	220V, 50Hz						\$2,077.00
1152CS	110V, 60Hz	14" Saw	6"	CP3114	37" x 26" x 26"	130 lbs.	\$2,110.00
11522S	220V, 50Hz						\$2,152.00
1172CS	110V, 60Hz	16" Saw	7"	CP3116	37" x 26" x 26"	130 lbs.	\$2,185.00
11722S	220V, 50Hz						\$2,227.00



Heavy-Duty Slab Saws

**All Heavy Duty Slab Saws must ship common carrier. Call for a freight quote today.*

Heavy Duty Slab Saws Feature:

- Powder coated, heavy welded, steel chassis
- Separately welded frame eliminates warping
- Six-speed power feed with automatic shut-off
- Quick return system allows carriage to be manually returned to any position
- Over-running clutch automatically adjusts from soft to hard rock
- Cross feed permits 8" of material to be slabbed without reclamping
- One piece arbor and flange mounted in housing
- Heavy-duty ball bearings, neoprene sealed, and greased for life
- Completely assembled with vise, motor, and Covington's Best Diamond Blade
- One-piece vise carriage mounted on a solid key stock with channel guide provides rigidity and strength for fast cuts with heavy loads



18" Heavy Duty Slab Saw								
Model #	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
703HDS	110V, 60Hz	MTR199	1/2	9"	CP3118	42" x 39" x 49"	325 lbs.	\$4,300.00
7032HS	220V, 50Hz						375 lbs.	\$4,500.00



20" Heavy Duty Slab Saw								
Model #	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
707HDS	110V, 60Hz	MTR376	3/4	10"	CP3120	46" x 39" x 49"	345 lbs.	\$4,600.00
7072HS	220V, 50Hz						395 lbs.	\$4,800.00



24" Heavy Duty Slab Saw								
Model #	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
712HDS	110V, 60Hz	MTR321	1	12"	CP3324	64" x 42" x 58"	395 lbs.	\$5,750.00
7122HS	220V, 50Hz	MTR409					675 lbs.	\$6,050.00
717HDS	110V, 60Hz	MTR321	1	18"	CP3324	64" x 42" x 58"	425 lbs.	\$5,950.00
7172HS	220V, 50Hz	MTR409					675 lbs.	\$6,250.00



30" Heavy Duty Slab Saw								
Model #	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
198HDS	*220V, 60Hz	MTR198	1-1/2	18"	CP3330	67" x 44" x 60"	675 lbs.	\$8,250.00
1982HS	220V, 50Hz						775 lbs.	\$8,400.00
*United States model is sold in 220V, 60Hz only								



36" Heavy Duty Slab Saw								
Model #	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
199HDS	*220V, 60Hz	MTR107	2	26"	CP3336	90" x 48" x 64"	1200 lbs.	\$12,000.00
1992HS	220V, 50Hz						1300 lbs.	\$12,300.00
*United States model is sold in 220V, 60Hz only								



Rigid Grip Slab Saw Vise #2



This book-end type vise holds work pieces of any shape tightly, but quick-release feature allows an easy, no-bind return. The steel jaw tongue contacts the full length of the vise, holding the jaw square so it can't bind. The end grips have a hardwood facing. A cross shaft is included with each vise.

Order #	Vise Size	Weight	Price
SV1132	5"	20 lbs.	\$259.00
SV1152	6"	22 lbs.	\$269.00
SV1172	7"	24 lbs.	\$279.00
SSV703	9"	35 lbs.	\$425.00
SSV707	10"	40 lbs.	\$475.00
SSV712	12"	45 lbs.	\$525.00
SSV717	18"	55 lbs.	\$575.00
SSV199	26"	75 lbs.	\$900.00



Heavy Duty Slab Saw Dolly

**Order a dolly with your saw and they will ship together in the same crate and save on shipping costs*



Slab Saw Dollies are designed for easy movement of saw. They come with two locking swivel wheels and two stationary wheels for easy saw manipulation.

Order #	Dolly For	Dimensions	Weight	Price
CSD110	1100 Series	37" x 26" x 8"	25 lbs.	\$145.00
CSD703	703HDS	41" x 39" x 10"	45 lbs.	\$170.00
CSD707	707HDS	43" x 39" x 10"	55 lbs.	\$175.00
CSD717	712HDS & 717HDS	60" x 39" x 10"	75 lbs.	\$200.00
CSD198	198HDS	67" x 40" x 10"	100 lbs.	\$220.00
CSD199	199HDS	89" x 48" x 20"	140 lbs.	\$275.00



Carriage Slab Saw Kits

**Carriage Slab Saw Kits (except 1100 series) must ship common carrier. Call for a freight quote today.*



The Carriage Slab Saw Kit is a "build-your-own" style unit that requires the user to construct a tank. This kit comes complete with a saw frame, carriage and vise assembly, arbor, blade guard, rock catcher, and power feed assembly. The carriage assembly ships mounted on the guide ways within the saw frame.

Please note that this unit is sold without a saw tank, motor, or blade.

Order #	Saw	Blade Size	Arbor Size	#2 Vise	Required hp	Dimensions	Weight	Price
SK1100	1172CS	12", 14", 16"	5/8"	7"	1/2	37" x 26" x 15"	50 lbs.	\$1,110.00
SSK703	703HDS	18"	1"	9"	1/2	41" x 39" x 18"	215 lbs.	\$2,012.50
SSK707	707HDS	20"	1"	10"	3/4	43" x 39" x 18"	225 lbs.	\$2,262.50
SSK712	712HDS	24"	1"	12"	1	60" x 39" x 20"	235 lbs.	\$2,762.50
SSK717	717HDS	24"	1"	18"	1	60" x 39" x 20"	240 lbs.	\$3,012.50
SSK198	198HDS	30"	1"	18"	1-1/2	67" x 40" x 20"	360 lbs.	\$3,590.00
SSK199	199HDS	36"	1"	26"	2	89" x 48" x 20"	600 lbs.	\$5,815.00



8" Deluxe Combination Unit

With 10" Trim Saw & Diamond Blade

**All 8" Deluxe Combination Units must ship common carrier. Call for a freight quote today.*

8" Deluxe Combination Unit Features:

- Five work stations
- Adjustable cab and wheel rest
- 1/3hp, heavy-duty, high torque motor
- Levermatic speed control with 8 rpm-changes
- Powder coated aluminum castings, hood, and belt guard
- Two drive motors, one for the saw and one for the grinder
- *All units now come standard with power feed!*



Enjoy the convenience of finishing gemstone material on one machine with Covington's 8" Deluxe Combination Unit. Two motors drive the 10" trim saw and grinding station separately.



The #446 8" Deluxe Silicon Carbide Unit is a lower cost option that comes complete with levermatic speed control, two (2) 8" x 1-1/2" silicon carbide grinding wheels (100g & 220g), one (1) 8" lever lock drum with silicon carbide sand cloth (400g), one (1) 8" muslin buff, one (1) 8" x 1"-14RH aluminum head with leather disc attached, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee. A 1/3hp motor drives the saw and a 1/3hp high-torque motor drives the grinding unit. The hood removes easily for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for a pressure system. Spray nozzles under the hood wet the entire wheel face. The 10" trim saw features a Covington Gold Series diamond blade. This unit ships fully assembled and mounted on an aluminum-topped Lam-I-Cushion base.

Cabinet stand is sold and shipped separately.

The #447 8" Deluxe Diamond Unit comes complete with levermatic speed control, two (2) 8" x 1-1/2" metal bonded diamond grinding wheels (100g & 220g), one (1) 8" lever lock drum with silicon carbide sand cloth (400g), one (1) 8" x 1"-14RH aluminum head with diamond disc attached (1200g), one (1) 8" x 1"-14RH aluminum head with leather disc attached, 5-gram syringe of 50,000 mesh diamond compound, 2-ounce bottle of extender fluid, a book about using diamond abrasives, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee. A 1/3hp motor drives the saw and a 1/3hp high-torque motor drives the grinding unit. The hood removes easily for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for a pressure system. Spray nozzles under the hood wet the entire wheel face. The 10" trim saw features a Covington Gold Series diamond blade. This unit ships fully assembled and mounted on an aluminum-topped Lam-I-Cushion base.

Cabinet stand is sold and shipped separately.

Small Cabinet Stand			
Order #	Dimensions	Weight	Price
SCS467	37" x 26" x 16"	50 lbs.	\$131.25



8" Deluxe Silicon Carbide Combination Unit						
Model #	Motor	Motor #	Motor-2 #	Dimensions	Weight	Price
446DSC	110V, 60Hz	MTR534	MTR853	55" x 27" x 17"	160 lbs.	\$2,300.00
4462SC	220V, 50Hz	MTRH81				\$2,385.00



8" Deluxe Diamond Combination Unit						
Model #	Motor	Motor #	Motor-2 #	Dimensions	Weight	Price
447DDC	110V, 60Hz	MTR534	MTR853	55" x 27" x 17"	160 lbs.	\$2,500.00
4472DC	220V, 50Hz	MTRH81				\$2,585.00

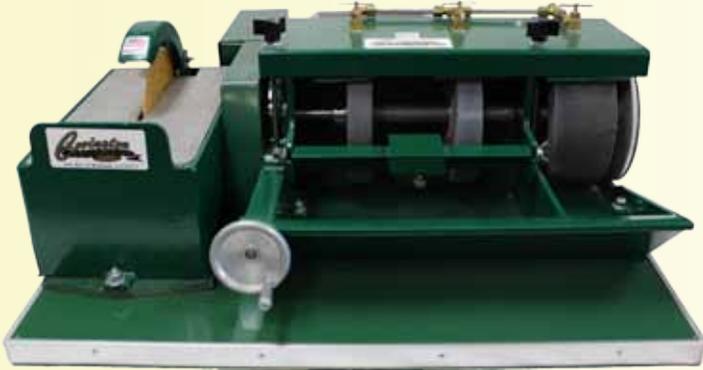


6" Combination Unit

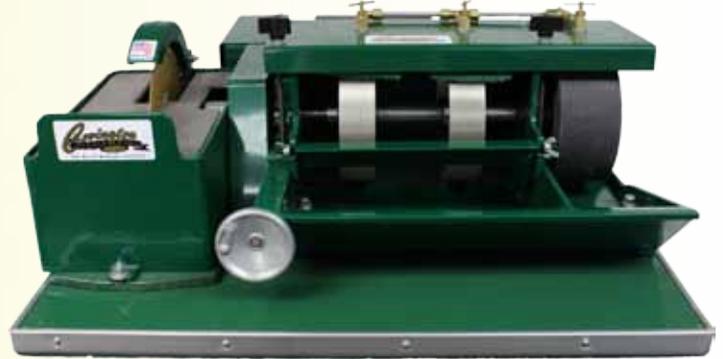
6" Combination Unit Features:

- Sealed ball bearings mounted in rubber for quiet and smooth operation
- Mounted on rustproof aluminum-topped Lam-I-Cushion base
- Stainless steel main shaft resists rust
- Powder coated aluminum castings, hood, and belt guard
- Continuous variable speed control from 800rpm to 1725rpm
- Quick change hood and polishing buff
- Adjustable cab and wheel rest
- *All units come with a trim saw vise!*

The 6" Combination Unit saws, grinds, sands, and polishes gemstone material all on one machine. This unit is designed to take small work pieces from a rough stone to a polished finish.



The #494 6" Silicon Carbide Unit is a lower cost option that comes complete with one (1) 6" Covington Gold Series diamond blade, slab vise, water valves, drains, two (2) 6" x 1" silicon carbide grinding wheels (100g & 220g), one (1) 6" expandable drum, one (1) 6" x 5/8"-18RH aluminum head with leather disc attached, 1/3hp motor, switch cord, belt guard, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee.



The #495DCU 6" Diamond Unit comes complete with one (1) 6" Covington Gold Series diamond blade, slab vise, water valves, drains, two (2) 6" x 1-1/2" metal bonded diamond grinding wheels (100g & 220g), one (1) 6" expandable drum, one (1) 2-1/2" x 18-15/16" diamond sanding belt (1200g), five (5) 2-1/2" x 18-15/16" silicon carbide sanding belts (400g), one (1) 6" x 5/8"-18RH aluminum head with leather disc attached, 5-gram syringe of 50,000 mesh diamond compound, 2-ounce bottle of extender fluid, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), a book about using diamond abrasives, 1/3hp motor, switch cord, belt guard, instructions, and product guarantee.

6" Silicon Carbide Combination Unit



Model #	Motor	Motor #	Dimensions	Weight	Price
494SCU	110V, 60Hz	MTR534	25" x 25" x 14"	76 lbs.	\$1,125.00
4942SC	220V, 50Hz	MTRH81			\$1,167.00

6" Diamond Combination Unit



Model #	Motor	Motor #	Dimensions	Weight	Price
495DCU	110V, 60Hz	MTR534	25" x 25" x 14"	76 lbs.	\$1,350.00
4952DC	220V, 50Hz	MTRH81			\$1,392.00



JADE, TIGER'S EYE, & RAINBOW CALSILICA CABACHONS
ARTIST: UNKNOWN

Horizontal Combination Unit

Horizontal Combination Unit Features:

- Heavy cast aluminum chassis
- 3" saw cross feed
- Portable and easy to store
- Precision ball bearings, neoprene sealed and greased for life
- Everything needed to go from rough rock to a finished piece
- Motor ships separately

Motors Ship Separately		
Order #	Dimensions	Weight
MTR282	13" x 8" x 9"	17 lbs.
MTR409		

The **Horizontal Combination Unit** is designed to cut, grind, shape, and polish, all on one machine.



The #690 8" Horizontal Combination Unit comes complete with one (1) 8" Covington Gold Series diamond blade, one (1) 8" x 5/8" silicon carbide grinding wheel (100g), one (1) 8" x 5/8" smooth bore aluminum head with sand disc attached (220g), one (1) 8" x 5/8" smooth bore aluminum head with leather disc attached, 3-3/4" rock vise, drip can water system, weight feed cord and scales, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), carry handle, instructions, and product guarantee.

The #691 10" Horizontal Combination Unit comes complete with one (1) 10" Covington Gold Series diamond blade, one (1) 10" x 3/4" silicon carbide grinding wheel (100g), one (1) 10" x 5/8" smooth bore aluminum head with sand disc attached (220g), one (1) 10" x 5/8" smooth bore aluminum head with leather disc attached, 3-3/4" rock vise, drip can water system, weight feed cord and scales, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), carry handle, instructions, and product guarantee.

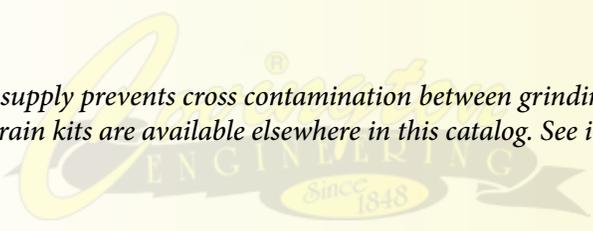


Model #	Motor	Motor #	Dimensions	Weight	Price
690HCU	110V, 60Hz	MTR534	23" x 14" x 10"	30 lbs.	\$825.00
6902HC	220V, 50Hz	MTRH81			\$875.00

Model #	Motor	Motor #	Dimensions	Weight	Price
691HCU	110V, 60Hz	MTR534	23" x 14" x 10"	30 lbs.	\$899.00
6912HC	220V, 50Hz	MTRH81			\$949.00



TIP: Using a fresh water supply prevents cross contamination between grinding and polishing steps. Water supplies and drain kits are available elsewhere in this catalog. See index for locations.



Automatic Vibrating Laps

Automatic Vibrating Lap Features:

- Removable pan for easy cleaning
- Grooved plate surface promotes faster cut
- Pad insert provides polishing capabilities
- Abrades and polishes with minimal assistance
- Now Available in 220V, 50Hz model

**Check on pieces periodically for progress.
Reapply grit and water as necessary.*

The **Automatic Vibrating Lap** is designed to abrade and polish on its own. This unit takes all the work out of lapping, just load, start, and walk away. The inertia of the heavy rock slab holds it relatively still while the lap pan vibrates underneath. This action replaces the circular rotation used by conventional lapping machines. One tri-knob screw releases the pan for easy cleaning. This unit comes complete with motor, polish pad, bumper ring, instructions, and product guarantee.



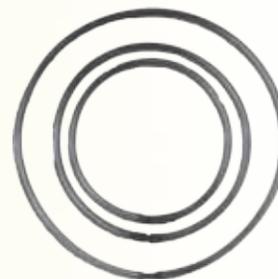
10" Vibrating Lap 		
Order #	Dimension	Price
392AVL	12" x 12" x 10"	\$375.00
3922AL		\$385.00



12" Vibrating Lap 		
Order #	Dimension	Price
394AVL	14" x 14" x 10"	\$425.00
3942AL		\$435.00



16" Vibrating Lap 		
Order #	Dimension	Price
396AVL	18" x 18" x 10"	\$495.00
3962AL		\$505.00



Extra Lap Pan 		
Order #	Size	Price
ELP010	10"	\$80.00
ELP012	12"	\$99.00
ELP016	16"	\$140.00



Extra Polish Pad 		
Order #	Size	Price
EPP010	10"	\$6.25
EPP012	12"	\$7.95
EPP016	16"	\$10.00



Extra Bumper Ring 		
Order #	Size	Price
EBR010	10"	\$6.25
EBR012	12"	\$6.75
EBR016	16"	\$7.95



Model #	Pan Size	Motor	Motor #	Dimensions	Weight	Price 
392AVL	10"	110V, 60Hz	MTR004	12" x 12" x 10"	18 lbs.	\$375.00
3922AL		220V, 50Hz	MTR001			\$385.00
394AVL	12"	110V, 60Hz	MTR004	14" x 14" x 10"	22 lbs.	\$425.00
3942AL		220V, 50Hz	MTR001			\$435.00
396AVL	16"	110V, 60Hz	MTR004	18" x 18" x 10"	32 lbs.	\$495.00
3962AL		220V, 50Hz	MTR001			\$505.00

Rociprolap®

Covington's Rociprolap® Features:

- Heavy-duty sealed ball bearings
- Heavy cast iron base and lap plate
- Now with a new heavy-duty 1/2hp motor
- Splash guard
- *We no longer charge a crating fee!*

**All Rociprolaps® must ship common carrier. Call today for a freight quote.*

Covington's Rociprolap® is a precision built machine designed to eliminate the labor-intensive work of lapping and polishing. The lap plate revolves slowly and reciprocates 575 times per minute. It is balanced and does not need to be bolted down (except 36" model). This unit is extremely quiet in operation and built to industrial standards. This heavy-duty unit is constructed entirely of cast iron and steel. The lap plate's surface is machined flat to a very close tolerance. The lap plate also has 3/16" x 1/2" pockets to maintain fresh grit and lubrication reservoirs. The Rociprolap® will lap rock, wood, metal, glass or any material which must be ground flat. Each unit is sold complete with a splash guard, bumper ring, motor, one set of twelve (12) nylon ball bearings, one set of six (6) steel discs, polish pad, and instructions. Covington Engineering guarantees the machines for one year from the date of purchase against any defects.

*This excludes the nylon thrust bearings, steel discs, and leveling feet.



20" Rociprolap	
Order #	Price
5200RL	\$2,199.00
52002R	\$2,299.00



24" Rociprolap	
Order #	Price
5240RL	\$2,399.00
53402R	\$2,499.00



30" Rociprolap	
Order #	Price
5300RL	\$2,899.00
53002R	\$2,999.00



36" Rociprolap	
Order #	Price
5360RL	\$3,699.00
53602R	\$3,899.00

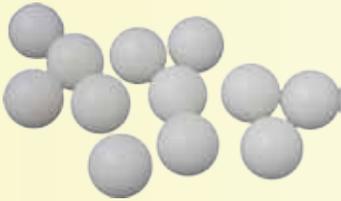
Model #	Description	Motor	Motor #	Box 1		Box 2		Price
				Dimensions	Weight	Dimensions	Weight	
5200RL	20" Rociprolap	110V, 60Hz	MTRW12	32" x 32" x 23"	250 lbs.	-	-	\$2,199.00
52002R		220V, 50Hz			300 lbs.			\$2,299.00
5240RL	24" Rociprolap	110V, 60Hz	MTRW12	32" x 32" x 23"	280 lbs.	-	-	\$2,399.00
52402R		220V, 50Hz			330 lbs.			\$2,499.00
5300RL	30" Rociprolap	110V, 60Hz	MTRW12	32" x 32" x 23"	275 lbs.	36" x 36" x 9"	180 lbs.	\$2,899.00
53002R		220V, 50Hz			325 lbs.		230 lbs.	\$2,999.00
5360RL	36" Rociprolap	110V, 60Hz	MTRW12	32" x 32" x 23"	300 lbs.	45" x 45" x 9"	310 lbs.	\$3,699.00
53602R		220V, 50Hz			MTRW34		350 lbs.	360 lbs.



NOTE: The Covington Plate Dresser is an excellent tool to keep your Rociprolap® plate running true. The sintering on the diamond dresser provides fast removal of uneven spots on the plate. This dresser also works well on other plate machines.

GLASS BOWL
ARTIST: STEVE SCHLANSER

Rociprolap® Accessories



12 Precision Nylon Ball Bearings	
Order #	Price
CRL212	\$12.00



6 Precision Ground Steel Bearings	
Order #	Price
CRL206	\$19.00



Replacement Shaft 	
Order #	Price
CRLS01	\$175.00



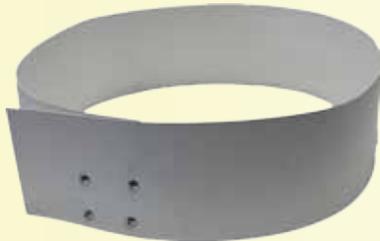
Leveling Foot	
Order #	Price
CRL001	\$9.00



Rociprolap Plate Dresser 	
Order #	Price
RPD115	\$225.00



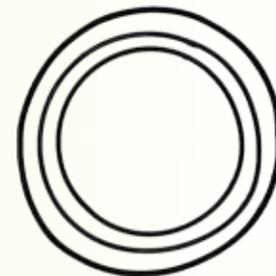
Replacement Bearings		
Order #	Size	Price
CRLB01	Plate	\$12.50
CRLB02	Shaft	\$13.50



Extra Splash Guard 		
Order #	Size	Price
CRL220	20"	\$35.00
CRL224	24"	
CRL230	30"	
CRL236	36"	



Extra Polish Pad 		
Order #	Size	Price
CRL520	20"	\$19.50
CRL524	24"	\$23.50
CRL530	30"	\$29.50
CRL536	36"	\$35.50



Extra Bumper Ring 		
Order #	Size	Price
CRL320	20"	\$19.00
CRL324	24"	
CRL330	30"	
CRL336	36"	



Perferated Grinding Discs 		
Order #	Size	Price
CRLP20	20"	\$25.00
CRLP24	24"	\$32.00
CRLP30	30"	\$55.00
CRLP36	36"	\$75.00



Extra Rociprolap Pan 		
Order #	Size	Price
CRL120	20"	\$595.00
CRL124	24"	\$785.00
CRL130	30"	\$1,295.00
CRL136	36"	\$2,250.00



VERTI FAN #31
ARTIST: SIDNEY HUTTER

Maxi Laps

Maxi Lap Series Features:

- No arbor hole cutting discs
- Water manifold assembly
- Unobstructed access to work surface
- 1/3hp motor ships separately
- Compact and portable
- Three (3) quick change aluminum heads



Covington's **Maxi Laps** are excellent units for grinding, shaping, and polishing small work pieces. All models have a cast aluminum body, three (3) quick-change aluminum heads (no hole) with hard or soft rubber, 1/3hp heavy-duty motor with a carrying handle, water manifold for easy water hook-up, instructions, and product guarantee. The aluminum head turns at 1410rpm. There are four (4) different 8" models: #5070, #5071, #5072 and #5075. There are two (2) 10" models: #5073 and #5076.

The #5071 **8" Standard Diamond Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's faster cutting diamond abrasive system. The faster cutting diamond abrasive system includes: two (2) 8" x no arbor hole resin bonded diamond sanding discs (220g & 1200g), a book about using diamond abrasives, and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. All discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

Motor Ships Separately		
Order #	Dimensions	Weight
MTR534	13" x 8" x 9"	17 lbs.
MTRH81		

8" Standard Diamond Maxi Lap					
Model #	Motor	Motor #	Dimensions	Weight	Price
5071ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$899.00
50712M	220V, 50Hz	MTRH81			\$941.00



The #5070 **8" Standard Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fast cutting silicon carbide abrasive system. The standard kit includes: two (2) 8" x no arbor hole silicon carbide sanding discs (100g & 400g), and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. All discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.



The #5072 **8" Super Diamond Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 8" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and an 8" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 8" x no arbor hole cork polishing disc, 1-lb. of 2F pumice, and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. The cork and felt discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

8" Standard Maxi Lap					
Model #	Motor	Motor #	Dimensions	Weight	Price
5070ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$799.00
50702M	220V, 50Hz	MTRH81			\$841.00

8" Super Diamond Maxi Lap					
Model #	Motor	Motor #	Dimensions	Weight	Price
5072ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$1,275.00
50722M	220V, 50Hz	MTRH81			\$1,317.00



Maxi Laps



The #5073 10" Super Diamond Maxi Lap comes with three (3) 10" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 10" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and a 10" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 10" x no arbor hole cork polishing disc, 1-lb. of 2F pumice, and one (1) 10" x no arbor hole 1/8" thick felt polishing disc. The cork and felt discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

10" Super Diamond Maxi Lap

Model #	Motor	Motor #	Dimensions	Weight	Price
5073ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$1,575.00
50732M	220V, 50Hz	MTRH81			\$1,617.00



The #5076 10" Super Diamond Lapidary Maxi Lap comes with three (3) 10" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 10" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and a 10" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 10" x no arbor hole diamond polishing disc (1200g), and one (1) 10" x no arbor hole leather disc. The diamond and leather discs are affixed to a soft rubber face with "Stick-N-Peel" adhesive.

10" Super Diamond Lapidary Maxi Lap

Model #	Motor	Motor #	Dimensions	Weight	Price
5076ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$1,575.00
50762M	220V, 50Hz	MTRH81			\$1,617.00



The #5075 8" Super Diamond Lapidary Maxi Lap comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system consists of three (3) 8" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and an 8" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 8" x no arbor hole diamond disc (1200g), and one (1) 8" x no arbor hole leather disc. The diamond and leather discs are affixed to a soft rubber face with "Stick-N-Peel" adhesive.

8" Super Diamond Lapidary Maxi Lap

Model #	Motor	Motor #	Dimensions	Weight	Price
5075ML	110V, 60Hz	MTR534	23" x 14" x 10"	27 lbs.	\$1,275.00
50752M	220V, 50Hz	MTRH81			\$1,317.00



GLASS SPHERE
ARTIST: BOB STEPHAN

16" Single Speed Lap



**All 16" Horizontal Laps must ship common carrier. Call for a freight quote today.*

16" Single Speed Horizontal Lap Features:

- 1/3hp motor
- Heavy welded steel chassis
- 16" blanch and ground steel plate
- 1" steel shaft with welded flange
- Removable grit catch pan and splash guard
- Heavy-duty ball bearings, neoprene sealed, greased for life
- Water can, valve, holder and grit chute

The 16" Single Speed Horizontal Lapidary Unit laps, grinds, sands, and polishes large or flat surfaces. This unit is an excellent choice for producing glass bevels, working stone bookends, or producing clock faces. A water can and drip valve slowly feed abrasive grit to the wheel surface. The solid steel plate turns at 220rpm and is reversible. Pieces over 8" can be abraded by turning the work piece. This unit ships complete with a 1/3hp motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5030HL	110V, 60Hz	MTR534	23" x 23" x 35"	115 lbs.	\$1,325.00
50302L	220V, 50Hz	MTRH81			\$1,367.00



16" Two-Speed Lap



**All 16" Horizontal Laps must ship common carrier. Call for a freight quote today.*

16" Two-Speed Horizontal Lap Features:

- 1/3hp, heavy-duty motor
- Heavy welded steel chassis
- Removable grit catch pan
- Removable splash guard
- 16" blanch and ground steel plate
- 1" steel shaft with welded flange
- Heavy-duty ball bearings, neoprene sealed, greased for life

The 16" Horizontal Two-Speed Lapidary Unit laps, grinds, sands, and polishes large or flat surfaces. This unit is perfect for working stone book ends or clock faces. The solid steel plate turns at 220rpm and is reversible. CAUTION: Do NOT run the steel lap plate at high speed. Pieces larger than 8" can be abraded by turning the work piece. This multi-featured unit includes a 1/3hp motor, an adapter and wrench, a splash guard, a 10" aluminum head with sand disc attached (220g), a 10" aluminum head with a leather polishing disc, a water feed, a 16" steel plate, instructions and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
350TSL	110V, 60Hz	MTR534	23" x 23" x 35"	150 lbs.	\$1,750.00
3502TL	220V, 50Hz	MTRH81			\$1,792.00



Horizontal Lap Accessories

See index for additional accessories and replacement parts for #350, #370, #5030, and #5033.

Order #	Description	Weight	Price
WSG332	Splash Guard	10 lbs.	\$47.25
BGP316	16" Face Plate (No Taper)	50 lbs.	\$195.00
AS5034	Extra Arbor Shaft	10 lbs.	\$156.00
WC5035	Grit Feed Station	8 lbs.	\$80.00



Automatic Lap Kit

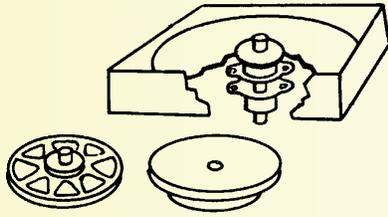


The Auto Lap Kit is designed to take the labor out of lapping. This device mounts directly to lap unit and holds the work piece on the turning plate for the user. The kit includes swivel, 1/2" diameter x 16" length extension arm, adjustable steel plate, dop wax, and instructions.

Order #	Dimensions	Weight	Price
ALK330	16" x 8" x 6"	5 lbs.	\$39.00



16" Two-Speed Lap Kit



Two-Speed Lap Kit Features:

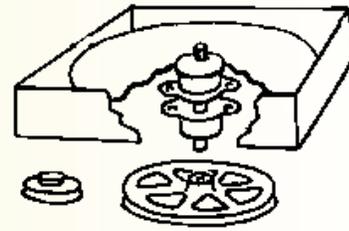
- Galvanized metal splash pan
- Two-step motor drive v-pulley
- Two-step machine drive v-pulley
- 1" steel shaft with welded flange and 1"-8RH thread
- 16" tapered steel plate (wheel) with 1"-8RH thread
- Two heavy duty 1" Sealmaster® bearings, with flange

The 16" Two-Speed Lap Kit is a low cost "build-your-own" style machine that requires the user to construct a frame. This kit comes with the basic supplies needed to manufacture a 16" horizontal lapidary unit.

Order #	Dimensions	Weight	Price
TLK370	25" x 25" x 20"	46 lbs.	\$675.00



16" Single-Speed Lap Kit



Single-Speed Lap Kit Features:

- 1" steel shaft with welded flange and 1"-8RH thread
- 16" tapered steel plate (wheel) with 1"-8RH thread
- Two heavy-duty 1" Sealmaster® bearings, with flange
- Galvanized metal splash pan
- 10" machine drive v-pulley

The Single Speed Lap Kit is a "build-your-own" style machine designed for beveling glass. This unit requires the user to create a frame and assemble the unit. The lap kit includes basic supplies for building a single-speed lapidary unit.

Order #	Dimensions	Weight	Price
LK5033	25" x 25" x 20"	46 lbs.	\$955.00



Horizontal Beveler/Grinder Plates



Covington's Horizontal Beveler/Grinder Plates feature a 1" hole in the center and four countersunk holes for securing the plate to 1" shaft and flange. Each plate is OD turned and machined true.

Horizontal Grinder/Beveler Plates				
Order #	Size	Dimensions	Weight	Price
CHGP12	12"	14" x 14" x 5"	15 lbs.	\$375.00
CHGP16	16"	18" x 18" x 5"	40 lbs.	\$500.00
CHGP18	18"	20" x 20" x 5"	55 lbs.	\$562.50
CHGP24	24"	27" x 27" x 5"	100 lbs.	\$750.00



16" Horizontal Beveler/Grinder

Coming Soon!

16" Horizontal Beveler/Grinder Will Feature:

- Variable speed and single speed options
- A 16" blanded and precision ground steel plate
- Heavy-duty powder coated steel chassis
- Stainless steel shaft with through shaft water feed available
- The ability to use 16" diamond discs for grinding and polishing
- Heavy duty ball bearings
- **Look for this new unit Fall 2014!!**

12" Horizontal Beveler/Grinder

12" Horizontal Beveler/Grinder Features:

- Aluminum water manifold controls fluid flow
- Heavy welded steel chassis with stainless steel catch pan
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8" -11RH male accessories
- 1" stainless steel shaft with welded flange
- Heavy-duty ball bearing

**This unit must ship common carrier.
Call today for a freight quote.*



The 12" Variable Speed Beveler/Grinder is a versatile unit designed to cold-work pieces of glass. With the appropriate accessories this unit will grind, shape, and polish small work pieces. Flat diamond discs are the cleanest, fastest way to make glass bevels. There are several features built into this variable-speed lapping unit, including a water sleeve that allows water to come up through the shaft center and disperse from the middle of the plate, and an overhead loc-line® water supply. It also has a 5/8"-11RH female thread that accepts a variety of different diamond finishing tools. An optional male-to-male brass fitting for female threads is also available. The 1hp, 3 phase, wash down motor and speed controller allow speed ranges from 200rpm to 1100rpm. The bearings have been set 11" apart on the shaft to give rigidity and stability to the blanching and precision ground 12" plate. A wash-down motor and controller are perfect for wet environments. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. Comes with a full 1-year warranty on parts.

The 12" Single Speed Grinder/Beveler is a versatile unit designed to grind, shape, and polish small pieces of glass. Flat diamond discs are the cleanest, fastest way to make glass bevels. The single speed unit features a 3/4hp motor that runs at 545rpm or 1080rpm and includes a 12" blanching and micro ground plate allowing a magnet to be securely attached. A 1" brass centering pin aligns magnet easily. The brush and removable stainless steel splashguard allow larger pieces to be worked while keeping water splash to a minimum. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. The side panels are easy to remove making maintenance and lubrication simple. This unit is now available with an optional shaft center water feed system. This machine accepts 5/8"-11RH male threading tools and adapters. This model comes with a full 1-year warranty on parts.



12" Variable Speed Horizontal Beveler/Grinder					
Model #	Motor	Motor #	Dimensions	Weight	Price
5045HG	110V, 60Hz	MTRW01	25" x 25" x 27"	185 lbs.	\$2,795.00
50452G	220V, 50Hz				\$2,795.00

12" Single Speed 545rpm Beveler/Grinder w/ Center Water Feed					
Model #	Motor	Motor #	Dimensions	Weight	Price
5046HG	110V, 60Hz	MTR34S	25" x 25" x 27"	170 lbs.	\$2,170.00
50462G	220V, 50Hz				\$2,212.00

12" Single Speed 545rpm Beveler/Grinder					
Model #	Motor	Motor #	Dimensions	Weight	Price
5046HG	110V, 60Hz	MTR34S	25" x 25" x 27"	170 lbs.	\$1,795.00
50462G	220V, 50Hz				\$1,837.00

12" Single Speed 1080rpm Beveler/Grinder					
Model #	Motor	Motor #	Dimensions	Weight	Price
5047HG	110V, 60Hz	MTR34F	25" x 25" x 27"	170 lbs.	\$1,795.00
50472G	220V, 50Hz				\$1,837.00

12" Single Speed 1080rpm Beveler/Grinder w/ Center Water Feed					
Model #	Motor	Motor #	Dimensions	Weight	Price
5047HG	110V, 60Hz	MTR34F	25" x 25" x 27"	170 lbs.	\$2,170.00
50472G	220V, 50Hz				\$2,212.00

18" Horizontal Beveler/Grinder

18" Horizontal Beveler/Grinder Features:

- Water supply feeds through shaft center
- Aluminum water manifold controls fluid flow
- Heavy welded steel chassis with stainless steel catch pan
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Heavy-duty ball bearing

**This unit must ship common carrier.
Call today for a freight quote.*



The 18" Beveler/Grinder is a versatile unit designed to cold-work pieces of glass. With the appropriate accessories this unit will grind, shape, and polish small work pieces. Flat diamond discs are the cleanest, fastest way to make glass bevels. There are several features built into this variable-speed lapping unit, including a water sleeve that allows water to come up through the shaft center and disperse from the middle of the plate, and an overhead loc-line® water supply. It also has a 5/8"-11RH female thread that accepts a variety of different diamond finishing tools. An optional male-to-male brass fitting for female threads is also available. 1hp, 3 phase, wash down motor and speed controller allow speed ranges from 200rpm to 1100rpm. The bearings have been set 11" apart on the shaft to give rigidity and stability to the blanch and precision ground 18" plate. A wash-down motor and controller are perfect for wet environments. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. Comes with a full 1-year warranty on parts.

The 18" Single Speed Grinder/Beveler is a versatile unit designed to grind, shape, and polish large pieces of glass. Flat diamond discs are the cleanest, fastest way to make glass bevels. The single speed unit includes a 3/4hp, 800rpm motor with water resistant switch cord, and a 18" blanch and micro ground plate allowing a magnet to be securely attached. A 1" brass centering pin aligns magnet easily. The brush and removable stainless steel splashguard allow larger pieces to be worked while keeping water splash to a minimum. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. The side panels are easy to remove making maintenance and lubrication simple. This machine accepts 5/8"-11RH male threading tools and adapters. This model comes with a full 1-year warranty on parts.

18" Variable Speed Beveler/Grinder 					
Model #	Motor	Motor #	Dimensions	Weight	Price
5065HG	110V, 60Hz	MTRW01	32" x 34" x 48"	355 lbs.	\$3,900.00
50652G	220V, 50Hz				\$3,900.00



18" Single Speed Beveler/Grinder 					
Model #	Motor	Motor #	Dimensions	Weight	Price
5066HG	110V, 60Hz	MTRW34	32" x 34" x 48"	350 lbs.	\$2,995.00
50662G	220V, 50Hz				\$3,195.00



24" Horizontal Beveler/Grinder

24" Horizontal Beveler/Grinder Features:

- Water supply feeds through shaft center
- Aluminum water manifold controls fluid flow
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Heavy-duty ball bearing
- Heavy welded steel chassis with stainless steel catch pan

**This unit must ship common carrier. Call today for a freight quote.*



The 24" Variable Speed Beveler/Grinder is a versatile unit designed to cold-work pieces of glass. With the appropriate accessories this unit will grind, shape, and polish large work pieces. Flat diamond discs are the cleanest, fastest way to make glass bevels. There are several features built into this variable-speed lapping unit, including a 1-1/2hp, 3 phase, wash down motor and speed controller allowing speed ranges from 200rpm to 1100rpm. The unit also features a water sleeve which allows water to come up through the shaft center and disperse from the middle of the plate, and an overhead loc-line water supply. It also has a 5/8"-11RH female thread that accepts a variety of different diamond finishing tools. An optional male-to-male brass fitting for female threads is also available. The bearings have been set 11" apart on the shaft to give rigidity and stability to the blanching and precision ground 24" plate. The wash-down motor and controller are perfect for wet environments. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. Comes with a full 1-year warranty on parts.

The 24" Single Speed Beveler/Grinder is a versatile unit designed to grind, shape, and polish large pieces of glass. Flat diamond discs are the cleanest, fastest way to make glass bevels. The single speed unit features a 1hp motor with water resistant switch and includes a 24" blanching and micro ground plate allowing a magnet to be securely attached. A 1" brass centering pin aligns magnet easily. The brush and removable stainless steel splashguard allow larger pieces to be worked while keeping water splash to a minimum. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. The side panels are easy to remove making maintenance and lubrication simple. This machine accepts 5/8"-11RH male threading tools and adapters. This model comes with a full 1-year warranty on parts.

24" Variable Speed Beveler/Grinder 					
Model #	Motor	Motor #	Dimensions	Weight	Price
5060HG	110V, 60Hz	MTRW15	35" x 35" x 45"	425 lbs.	\$5,000.00
50602G	220V, 50Hz				\$5,200.00



24" Single Speed Beveler/Grinder 					
Model #	Motor	Motor #	Dimensions	Weight	Price
5061HG	110V, 60Hz	MTRW21	35" x 35" x 45"	425 lbs.	\$4,000.00
50612G	220V, 50Hz				\$4,200.00



Horizontal Grinder/Beveler Accessories



4 PIE RAINBOW DOT VERTICAL VASE
ARTIST: SIDNEY HUTTER

New!



Brass Plug	
Order #	Price
CBA044	\$45.00



Spanner Wrench	
Order #	Price
CBA047	\$40.00



New!



Beveler/Grinder Stand	
Order #	Price
CHGS50	\$85.00



Brass Centering Pin w/ Water Hole	
Order #	Price
CBA046	\$45.00



Male-to-Male Shaft Adapter	
Order #	Price
CBA045	\$50.00



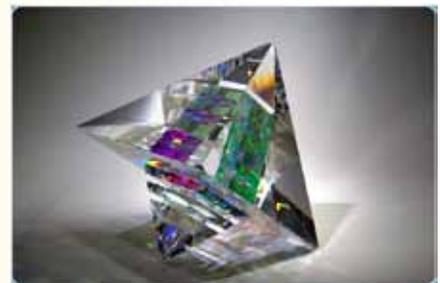
New Lower Price!

Nickel Bond Diamond Domes	
Order #	Price Each
DNH001	\$150.00



New Lower Price!

Nickel Bond Diamond Cones	
Order #	Price Each
DNC001	\$135.00



TILTED PYRAMID
ARTIST: TOLAND SAND

Two-Station Closed Arbor



The **Two-Station Closed Arbor** is a low cost “build-your-own” style grinder/polisher. This versatile unit is designed to accept 6”, 8”, and 10” wheels. The arbor ships with two (2) nuts, 3” drive pulley, v-belt, and two (2) sets of 3” diameter flanges. The split housing, with a closed center, connects using two bolts. Two bearings are set on the shaft with two set screws. This arbor can be disassembled and reassembled in minutes.

Order #	Shaft Size	Dimensions	Weight	Price
TSA402	1” x 18”	20” x 8” x 10”	14 lbs.	\$295.00
TSA404	3/4” x 18”			



Covington Arbor Shafts



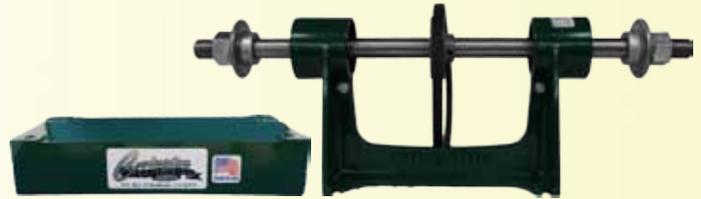
**Example: Arbor comes with CAS018 and if CAS021 is desired, Arbor cost is \$10.00 more.
Arbor comes with CAS024 and if CAS018 is desired, Arbor cost is \$26.25 less.*

Covington arbors are constructed with heavy-duty ball bearings mounted in a powder coated, cast aluminum housing. All shafts are made with top grade turned, ground, and polished steel to minimize vibration. Covington’s will substitute standard shaft lengths for custom lengths on all ball bearing arbors. To find the price for a substitute shaft simply subtract the original shaft price from the preferred shaft price. *If the desired length is not listed please call for a quote.

Size	Weight	Order #	Price	Order #	Stainless
1” x 18”	8 lbs.	CAS018	\$89.25	CSS018	\$99.25
1” x 21”	9 lbs.	CAS021	\$99.75	CSS021	\$109.75
1” x 23-3/4”	10 lbs.	CAS024	\$115.50	CSS024	\$125.50
1” x 30”	13 lbs.	CAS030	\$131.25	CSS030	\$141.25
1” x 36”	16 lbs.	CAS036	\$136.50	CSS036	\$146.50
AR5055	15 lbs.	FSA032	\$168.00	-	-



Two-Station Open Arbor



The **Two-Station Open Arbor** is a low cost “build-your-own” style grinder/polisher. This versatile unit is designed to accept 6”, 8”, and 10” wheels. An optional 2” riser shim is available. The arbor ships with two (2) nuts, 3” drive pulley, v-belt, and two (2) sets of 3” diameter flanges. The split housing, with an open center, connects using two bolts. Two bearings are set on the shaft with two set screws. This arbor can be disassembled and reassembled in minutes.

2” Riser Shim	
Order #	Price
CAS158	\$35.00

Order #	Shaft Size	Dimensions	Weight	Price
TSA412	1” x 23-3/4”	25” x 9” x 6”	18 lbs.	\$275.00



Four-Station Open Arbor



The **Four-Station Open Arbor** is a “build-your-own” style grinder/polisher designed to accept 6”, 8”, and 10” wheels, expandable drums, tapered spindles, aluminum heads, and cone wheels; each individually secured to the shaft. To reverse the rotation of the shaft, turn arbor 180 degrees – the back side can be the front. Arbor features a 1” diameter shaft at center and 5/8” shaft outboard. Arbor comes with 3” diameter center drive pulley, but larger pulleys, up to 8” diameter, can be installed. Order wheel guards, tanks, and water systems to make the machine complete. Arbor ships with four (4) nuts, 3” drive pulley, v-belt, and four (4) sets of 3” diameter flanges. The shaft includes 1/2”-20 x 1” long studs on each end. Two alternate sets of 2” diameter x 1/2” flanges are included. Each wheel can be individually secured by one flange with set screws and a floating flange with nut. *Please note that this basic model is sold without wheels and motor.

Order #	Dimensions	Weight	Price
AR5055	34” x 14” x 10”	22 lbs.	\$395.00



Original Glass Lathe



Glass Lathe Features:

- 1hp motor
- Three speeds: 635rpm, 805rpm, and 1100rpm
- Heavy-duty sealed ball bearings are greased for life
- Heavy-duty turned ground and polished 1" steel shaft
- Two unmounted CSP541 powder coated splash pans and hoods

The **Glass Lathe** is a versatile machine that will accommodate wheels up to 10" in size. The shaft is turned, ground, and polished to minimize vibration, while extending 11" of usable space to the operator. The pans ship unmounted so they can be attached to the base where it is most convenient for the user. The rust resistant powder coated splash hoods come with valves and spray nozzles for adjustable water application, while two (2) felt guards help minimize splash and overspray. This model also comes with two (2) 4" spacers to center wheels under spray nozzles. The Glass Lathe comes complete with a 1hp motor, mounted on an aluminum-topped Lam-I-Cushion base, two (2) splash pans and hoods, two (2) 4" spacers, quick belt-change motor mount, and product guarantee.

Original Glass Lathe					
Model #	Motor	Motor #	Dimensions	Weight	Price
4012GL	110V, 60Hz	MTR922	39" x 39" x 17"	130 lbs.	\$1,275.00
40122L	220V, 50Hz	MTRL01			\$1,317.00



ARTIST: STEVE KLEIN

Glass Lathe #2



Glass Lathe #2 Features:

- 1hp motor
- Three speeds: 635rpm, 805rpm, and 1100rpm
- Heavy-duty sealed ball bearings are greased for life
- Heavy-duty turned, ground, and polished 1" steel shaft
- 1-1/2" steel tube stand with anchor holes for mounting to floor

The **Glass Lathe #2** is a versatile machine that can accommodate almost any wheel. This machine is light enough for a small studio but heavy-duty enough for high production shops. Lathe stand features fully adjustable shelves that can be removed for large pieces. The shaft is turned, ground, and polished to minimize vibration, while extending 11" of usable space to the operator. The stand is 36" high, creating a comfortable shaft height of 46". Each adjustable aluminum-topped Lam-I-Cushion side table is 16" x 36" to accommodate users own water catch basin. Lathe comes complete with 1hp motor, mounted on an aluminum-topped Lam-I-Cushion base, quick belt-change motor mount, steel stand, two shelves with standards and brackets, and product guarantee. *Please note that this unit **MUST** be anchored to floor to keep from tipping over. Units without the stand **MUST** be anchored to a tabletop.

Glass Lathe #2					
Model #	Motor	Motor #	Dimensions	Weight	Price
4013GL	110V, 60Hz	MTR922	39" x 39" x 17"	98 lbs.	\$1,475.00
40132L	220V, 50Hz	MTRL01	Both	118 lbs.	\$1,517.00

Glass Lathe #2 No Stand					
Model #	Motor	Motor #	Dimension	Weight	Price
4013GL	110V, 60Hz	MTR922	39" x 39" x 17"	98 lbs.	\$1,050.00
40132L	220V, 50Hz	MTRL01			\$1,092.00



Pans & Hoods



Sheet Metal Pan & Hood	
Order #	Price
CSP541	\$82.95
Designed for low water, high access grinding	



Cast Aluminum Pan & Hood	
Order #	Price
CSP422	\$140.00
Fits up to 8" wheels	



Sheet Metal Pan & Hood	
Order #	Price
CSP591	\$81.00
Fits up to 8" wheels & features left, middle, & right hood positions	



Sheet Metal Tank & Guard	
Order #	Price
WG5056	\$94.50
Fits up to 10" wheels	



Vertical Glass Beveler



Vertical Beveler Features:

- Adjustable sponge bench minimizes splash
- Back plate with spray nozzle adjusts to wheel size
- Removable tank sides for easy wheel change
- Unobstructed access to 6", 8", and 10" wheels
- Heavy-duty ball bearings, neoprene sealed and greased for life

The **Vertical Glass Beveler** bevels inside and outside curves. The arbor quickly disassembles for pulley change or bearing inspection. Water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Determine speed based on wheel size, 420rpm for 10" wheels, 785rpm for 8" wheels, or 1,100rpm for 6" wheels and **specify speed when ordering**. If two wheel sizes are used, choose the faster speed. Wheels turn toward the operator and up. This unit ships fully assembled with belt guard, 1/3hp motor, instructions, and product guarantee. **Please note that this unit is sold without wheels.*

Model #	Motor	Motor #	Dimensions	Weight	Price
5051GB	110V, 60Hz	MTR853	25" x 25" x 16"	85 lbs.	\$945.00
50512B	220V, 50Hz				\$987.00

10" Cork & Felt

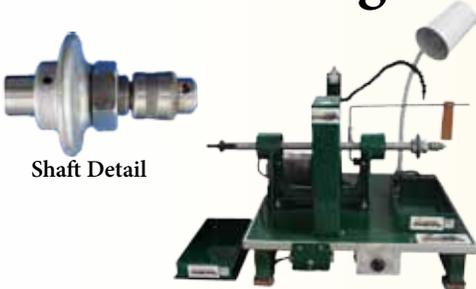


10" Cork & Felt Glass Polisher Features:

- Adjustable sponge bench to minimize splash
 - Removable side panels for easy wheel change
 - Heavy-duty ball bearings, neoprene sealed and greased for life
- The **10" Cork & Felt Polisher** coldworks glass to a high polish. Use the cork wheel with mildly abrasive pumice to pre-polish the piece. Use the felt wheel with cerium oxide to final-polish the piece. The arbor quickly disassembles for pulley change or bearing inspection. Water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Unit comes with one 10" x 2" cork wheel and one 10" x 2" felt wheel installed, dressed, and factory tested for balance. Wheels turn at 420rpm to minimize polish powder loss; a rim speed of 1,230SFM creates the friction necessary for a brilliant finish. Wheels spin towards the user and up. This model ships fully assembled with belt guard, 1/3hp, high-torque motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5050GP	110V, 60Hz	MTR853	25" x 25" x 20"	91 lbs.	\$1,175.00
50502P	220V, 50Hz				\$1,217.00

Glass Engraver



Shaft Detail



Glass Engraver Features:

- Unobstructed access to wheels
- Adjustable speed control up to 1600rpm
- 1/4" Jacob's chuck and wheel adapter
- Heavy-duty sealed ball bearings are greased for life
- 1/2hp, 110V, 60Hz motor
- Flexible lamp

The **Glass Engraver** is designed for brilliant cutting. This versatile machine utilizes mandrel supported engraving wheels and glass cutting wheels up to 6" in diameter. A water manifold with flexible loc-line provides water to workstation. Two water pans catch drip waste. A detachable leather tongue trails the engraving wheel. Mounted hand control permits unlimited speed settings from 0rpm to 1600rpm. This unit includes standard wheel kit: five assorted mandrel-mounted wheels, and one thin-flex diamond cutting blade. This unit ships complete with a 1/2hp motor, belt guard, speed control, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
5069GE	37" x 26" x 26"	125 lbs.	\$1,525.00

16" Cork & Felt



16" Cork & Felt Glass Polisher Features:

- Removable tank for easy wheel change
 - Adjustable sponge bench to minimize splash
 - Heavy-duty ball bearings, neoprene sealed and greased for life
- The **16" Cork & Felt Polisher** coldworks glass to a high polish. Use the cork wheel with mildly abrasive pumice to pre-polish the piece. Use the felt wheel with cerium oxide to final-polish the piece. The arbor quickly disassembles for pulley change or bearing inspection. Water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Unit comes with one 16" x 3" cork wheel and one 16" x 3" felt wheel installed, dressed and factory tested for balance. Wheels turn at 280rpm to minimize polish powder loss; a rim speed of 1,173SFM creates the friction necessary for a brilliant finish. The wheels turn towards the operator and up. This model ships fully assembled with belt guard, 1/3hp, high-torque motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5016GP	110V, 60Hz	MTR853	37" x 26" x 26"	140 lbs.	\$1,995.00
50162P	220V, 50Hz				\$2,037.00

Heavy-Duty Grinder/Polisher



Grinder/Polisher Features:

- 1/2hp, high-torque motor
- Powder coated aluminum arbor, pans, and hoods
- 1" x 18" shaft with heavy-duty neoprene sealed ball bearings

The **Heavy-Duty Grinder/Polisher** is a customizable two-station unit designed to suit each customer's unique needs. This machine accepts 6" and 8" wheels, as well as 8" expandable drums and 8" aluminum heads with both left and right hand 1"-14 threading. Accessories include flanges, nuts, drive pulley, v-belt, belt guard, water valves, drains, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. Unit ships mounted on an aluminum-topped Lam-I-Cushion base. **Please note that this unit does not come with wheels, drums, or aluminum heads.*

Model #	Motor	Motor #	Dimensions	Weight	Price
400HDG	110V, 60Hz	MTR199	25" x 25" x 18"	77 lbs.	\$845.00
4002HG	220V, 50Hz				\$895.00



Variable Speed Grinder/Polisher



Grinder/Polisher Features:

- 1" x 18" shaft
- 1/2hp, high-torque motor
- Heavy-duty ball bearings, neoprene sealed, greased for life
- Speed control allows changes from 800rpm to 1725rpm
- Powder coated cast aluminum arbor, pans, and hoods with water valves and drain plugs

The **Variable Speed Grinder/Polisher** is a customizable two-station unit designed to suit each customer's unique needs. This machine accepts 6" and 8" wheels, as well as 8" expandable drums and 8" aluminum heads with both left and right hand 1"-14 threading. This unit allows the operator to use different grinding speeds to achieve optimal grinding or polishing, without losing horsepower. Accessories include flanges, nuts, drive pulley, belt guard, water valves, drains, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. Unit ships mounted on an aluminum-topped Lam-I-Cushion base. **Please note that this unit does not come with wheels, drums, or aluminum heads.*

Model #	Motor	Motor #	Dimensions	Weight	Price
592VSP	110V, 60Hz	MTR199	25" x 25" x 18"	78 lbs.	\$945.00
5922VP	220V, 50Hz				\$995.00



8" Expandable Drum Unit

8" Expandable Drum Unit Features:

- Powder coated cast aluminum pans and hoods
- Two 8" x 3" expandable drums
- Dual-shafted 1/3hp, 1725rpm motor
- Mounted on an aluminum-topped Lam-I-Cushion base

The **8" Expandable Drum Unit** is an economical two-station grinder/polisher. This machine comes with two 3" x 25-7/32" sand belts (100g & 220g), motor guard, instructions, and product guarantee.



Model #	Motor	Motor #	Dimensions	Weight	Price
454EDU	110V, 60Hz	MTR465	28" x 18" x 15"	61 lbs.	\$815.00
4542EU	220V, 50Hz				\$855.00



8" Grinder/Polisher

8" Grinder/Polisher Features:

- Heavy-duty ball bearings, neoprene sealed and greased for life
- Powder coated aluminum castings, hood, and belt guard
- Adjustable cab and wheel rest
- Speed control with 8 rpm-changes
- 1/3hp, heavy-duty motor

The 8" Grinder/Polisher is an excellent machine for grinding and polishing stones. With two hard wheels and one expandable drum, this unit will quickly shape and polish work pieces. The angled slots through the rubber rim of the drum allow it to expand when rotated, thereby locking the belt in place. The drum surface flexes to the contours of the gemstone quickly removing grinding flats and scratches. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. This unit ships mounted on a rustproof aluminum-topped Lam-I-Cushion base.



The #752 8" Silicon Carbide Grinder/Polisher comes with two 8" x 1-1/2" silicon carbide grinding wheels (100g & 220g), one 8" x 1-1/2" silicon carbide grinding wheels (100g & 220g), one 8" expandable drum, one 3" x 25-7/32" sanding belt (400g), and one 8" x 1"-14RH aluminum head with 8" leather disc, sample kit (polish powder, brush, dop sticks, and wax), instructions, and product guarantee.



The #754 8" Diamond Grinder/Polisher comes with two 8" x 1-1/2" metal bond diamond grinding wheels (100g & 220g), two 3" x 25-7/32" diamond cloth belts (400g & 1200g), one 8" x 1"-14RH aluminum head with leather disc attached, a 5-gram syringe of 50,000 mesh diamond compound, a 2-ounce bottle of extender fluid, sample kit (polish powder, brush, dop sticks, and wax), a book about using diamond abrasives, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
752SGP	110V, 60Hz	MTR853	37" x 26" x 16"	122 lbs.	\$1,300.00
7522SP	220V, 50Hz				\$1,340.00

Model #	Motor	Motor #	Dimensions	Weight	Price
754DGP	110V, 60Hz	MTR853	37" x 26" x 16"	122 lbs.	\$1,500.00
7542DP	220V, 50Hz				\$1,540.00



8" Expandable Drum Unit



Four-Station Unit Features:

- Four 8" x 3" expandable drums
- Heavy duty ball bearings, neoprene sealed, and greased for life
- Powder coated cast aluminum arbor, pans and hoods with water valves and drain plugs
- Speed control allows gradual speed changes from 800rpm to 1725rpm
- 1/2hp, high-torque motor

The Four-Station Expandable Drum Unit is a versatile machine that allows the user to move through grinding stages without changing the wheels. The angled expansion slots through the rubber rim of the expandable drum allow it to expand when rotated, thereby locking the belt in place. The drum surface flexes to the contours of the gemstone quickly removing grinding flats and scratches. Accessories include four (4) 3" x 25-7/32" sanding belts (1-each 100g, 220g, 400g, & 600g), belt guard, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. This unit ships mounted on a rustproof aluminum-topped Lam-I-Cushion base.

Model #	Motor	Motor #	Dimensions	Weight	Price
594EDU	110V, 60Hz	MTR199	37" x 26" x 16"	122 lbs.	\$1,450.00
5942EU	220V, 50Hz				\$1,500.00



Auto Gem Drill



Automatic Gem Drill Features:

- Automatic drilling action
- Perfect for soft stones and glass
- 1/50hp, 115V, 60Hz motor runs at 3000rpm

The **Automatic Gem Drill** uses an electronic feed which mechanically raises and lowers the drill chuck 1/4". The light pressure of the feed prevents damage to diamond coated drill bits but results in a longer drilling time. Drill Tubes and 180 Boron Carbide Grit are a low cost option available for this unit. Plastic Putty holds the work piece. The putty can also serve as a dam to hold grit around a drill tube. This unit comes complete with 1/4" Jacobs chuck, two 1-1/2mm and two 2mm diamond drill bits, plastic putty, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
600AGD	16" x 8" x 6"	9 lbs.	\$240.00



Manual Gem Drill



Manual Gem Drill Features:

- Lever operated with 3/4" stroke
- High speed motor and foot operated speed control
- Perfect for medium to soft gemstone material or glass
- Bracket and motor can be quickly adjusted for height
- Remove and mount motor horizontally to convert unit into a buffer or carver

The **Manual Gem Drill** is a versatile, light duty machine that drills quickly and accurately. This unit is powered by a 1/15hp, 5000rpm variable speed motor. The drill comes complete with a 1/4" Jacobs chuck and key, water pan, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
605MGD	16" x 8" x 6"	9 lbs.	\$240.00



Gem Drill

Accessories

The **Nugget and Bead Vise** holds beads up to 3/4" in diameter for drilling. Always drill with the vise submerged in water to keep the drill bit cool and to sustain a longer drill bit life. This unit comes with a 3" diameter x 5/8" deep aluminum tank.

The **Putty Vise** holds small pieces of gemstone or glass for drilling. Always drill with the work piece submerged in water to keep the drill bit cool and to sustain a longer drill bit life. This unit comes with a 3" diameter x 5/8" deep aluminum tank, a 1" square block of plastic putty and a 1/4" brass ferrule. The plastic putty holds the work piece and the brass ferrule can act as a dam to hold grit or water when drilling.

Drill Tubes are available in two sizes. RDT601 includes two each: 1-1/2mm tubes, 2mm tubes, and one cleaner pin. RDT603 includes two 1/8" tubes, one 3/16" tube, one 1/4" tube and a cleaner pin.

Order #	Description	Price
NBV618	Nugget and Bead Vise	\$37.00
PPV627	Putty Vise	\$17.50
BCG602	1-ounce Boron Carbide Grit	\$5.25
CPP604	1/4-pound Plastic Putty	\$2.00
RDT601	Metric Drill Tubes	\$14.75
RDT603	Drill Tubes	\$14.75



Bead Mill

Bead Mill Features:

- 1/3hp motor
- Small portable size model
- Mounted in a heavy-gauge powder coated housing
- Grinds up to twenty (20) 1/2" beads at a time

The **Bead Mill** makes beads from 5/16" to 3/4" in diameter. The 4-1/2" diameter x 1/2" aluminum head has a 3/8" recessed ring in the ceiling which provides a trough for the beads to follow. Milling action is achieved by rotating the chamber while the head controls the beads location. The chamber head removes quickly for easy cleaning. This machine is best suited for producing beads from hard materials such as agate, jasper, and jade. *Please note that the Bead Mill is NOT recommended for gemstone material softer than a 5 on the Mohs Scale as this machine is very aggressive.



Model #	Description	Price
MH1039	Milling Head	\$39.00
BC1039	Extra Chamber	\$145.00



The **#1039 Single Speed Bead Mill** runs at a set speed of 380rpm and is available in a 220V, 50Hz model. This unit comes complete with instructions and product guarantee.

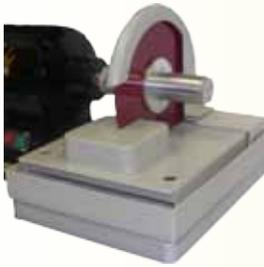
The **#1040 Two-Speed Bead Mill** operates at 380rpm and 250rpm. The faster speed is best suited for finishing beads after an initial grind. The slower speed reduces the abrasive action and should be used when milling softer materials such as malachite, rhodochrosite, and turquoise. These materials require light head pressure and finer abrasive grit. This unit comes complete with instructions and product guarantee.

*Please note that there is NOT a 220V, 50Hz model available in two-speed.

Single Speed Bead Mill				
Model #	Motor	Weight	Dimensions	Price
1039BM	110V, 60Hz	75 lbs.	24" x 12" x 16"	\$650.00
1038BM	220V, 50Hz			\$690.00
Two-Speed Bead Mill				
Model #	Motor	Weight	Dimensions	Price
1040BM	110V, 60Hz	75 lbs.	24" x 12" x 16"	\$775.00

6" Cab King

Trim Saw Attachment



The Cab King Trim Saw Attachment features an 8" sintered blade, plastic blade guard, drip pan, pan support, splash guards, saw platform, and an additional platform for small rough stone. Spin off the right hand wheel and adapter, and spin on the special saw adapter with blade, set in place, and start cutting.

**New 8" trim saw attachment available!*



6" Cab King Features:

- Direct drive 1/4hp, 1800rpm motor
- Individual water shut-off valves above each wheel and grinding/polishing pad
- 8 work stations, six (6) wheels, and two (2) end stations
- Clean water system provides contamination free work stations
- 110/115V, 605GPH, 30W pump
- 6W, 12V Lamp
- Available in 220V, 50Hz

The 6" Cab King is an excellent unit for making cabochons. This 8-station grinder/polisher comes complete with two (2) 6" x 1-1/2" metal bonded diamond wheels (80g & 220g), four (4) 6" x 1-1/2" resin bonded diamond wheels (280g, 600g, 1200g, & 3000g), one (1) 6" x no hole diamond flat lap (320g), one (1) 5-1/2" x no hole canvas polishing pad, a 2-gram syringe of diamond paste compound (14,000g), goggles, apron, and a separate submersible pump. Built on a sturdy base board, this unit features aluminum splash hoods with adjustable clear splash shields, plastic pans with drain holes, side splash guards, and metal hand rests. One year limited warranty on motor and parts (wheels not covered).

Order #	Description	Weight	Price
CABTSA	6" Cab King	8 lbs.	\$299.00
CABTS8	8" Cab King	16 lbs.	\$299.00



Order #	Motor	Dimensions	Weight	Price
CABK06	110V, 60Hz	31" x 16" x 15"	56 lbs.	\$1,399.00
CABK62	220V, 50Hz			\$1,399.00



8" Cab King



8" Cab King Features:

- Direct drive 3/4hp, 1800rpm, 110V, 60Hz motor
- Individual water shut-off valves above each wheel and grinding/polishing pad
- 8 work stations, six (6) wheels, and two (2) end stations
- Clean water system provides contamination free work stations
- 110/115V, 605GPH, 30W pump
- 6W, 12V Lamp
- ASSEMBLY REQUIRED
- Available in 220V, 50Hz

**New industrial sized Cab King!*

The 8" Cab King is a professional grade unit for making cabochons. This 8-station grinder/polisher comes complete with two (2) 8" x 1-1/2" metal bonded diamond wheels (80g & 220g), four (4) 8" x 2" resin bonded diamond wheels (280g, 600g, 1200g, & 3000g), one (1) 8" x no hole diamond flat lap (360g), one (1) 5-1/2" x no hole canvas polishing pad, a 2-gram syringe of diamond paste compound (14,000g), goggles, apron, and a submersible pump. Built on a sturdy base board, this unit features stainless steel splash hoods with adjustable clear splash shields, plastic pans with drain holes, side splash guards, and metal hand rests. One year limited warranty on motor and parts (wheels not covered). *Please note that this unit ships in 3 boxes, and must be assembled.

	Motor (Box 1)		Hood, Base, Accessories (Box 2)		Wheels (Box 3)		
Order #	Dimensions	Weight	Dimensions	Weight	Dimensions	Weight	Price
CABK08	40" x 13" x 14"	75 lbs.	50" x 17" x 18"	58 lbs.	20" x 14" x 11"	25 lbs.	\$2,399.00
CABK28							\$2,499.00



Foredom Craft Kit



The **Foredom Craft Kit** is "The Standard" worldwide for professional jewelers, craftsmen and industrial users. It features a 1/10hp ball bearing motor and EC-1 foot control with dependable, long lasting performance under all kinds of conditions and applications. This complete Foredom package includes their most popular machine and accessory kit #20. It comes with 35 assorted accessories including cutters, burs, mounted points and abrasive wheels. It is suitable for a full range of precision operations on wood, metal, plastic, leather, glass, stone, and more.

Order #	Dimensions	Weight	Price
CK2272	13" x 19" x 5"	25 lbs.	\$334.00



MK Wet/Dry Grinder



The Wet Grinder/Polisher Features:

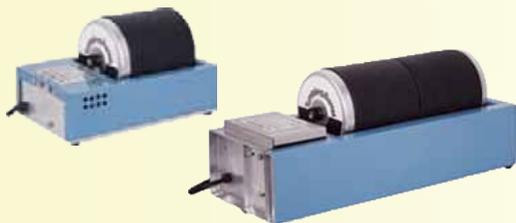
- Durable universal motor operates on standard house current
- Compact tool with ergonomically designed sure-grip handle
- Lightweight water attachment with adjustable valve
- Includes ground fault circuit interrupter
- Backing plate included

The **MK-1503-S Wet Polisher** is ideal for handheld grinding and polishing of gemstones, rock materials, marble, and granite. The handheld grinder attaches to a standard hose to enable the unit to dispense a steady flow of water through a control valve to the work piece. The MK-1503-S comes with a water hose connector, GFCI, and spanner wrenches. No kit included.

Order #	Dimensions	Weight	Price
CMK150	20" x 16" x 7"	16 lbs.	\$425.00



Lortone Tumblers

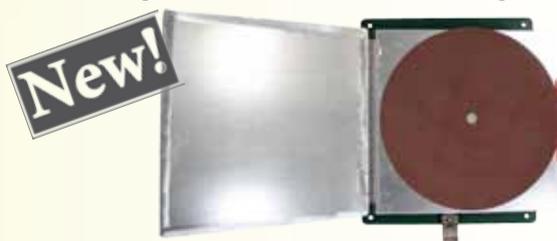


Lortone's small tumblers are a great choice for those just getting started or for tumbling small items. Units are designed for years of trouble-free service and is U.L. listed for safety. Each tumbler has a molded rubber barrel with sure-seal closure.

Order #	Description	Dimensions	Weight	Price
LOR3AT	Single Tumbler	7" x 17" x 5"	5 lbs.	\$89.00
LOR33B	Double Tumbler	10" x 17" x 8"	7 lbs.	\$132.00
TRBL3A	Extra Barrel	8" x 5" x 5"	3 lbs.	\$30.75
LOR3AV	Extra 3A Belt	4" x 6" Envelope	1 lb.	\$1.85
LOR3BV	Extra 33B Belt	4" x 6" Envelope	1 lb.	\$2.25



Magnetic Disk Organizer



Covington's new **Magnetic Disk Organizers** are perfect for holding and organizing magnetic backed disks. Available in 12", 18", and 24" sizes, the MDO is designed to be mounted to the wall. A clasp can be attached to either the top or the bottom of the MDO to keep the pages shut. The pages are constructed of galvanized steel and the mount is powder coated to resist rusting. Each page is staggered for easy placement and removal of disks.

Order #	Description	Dimensions	Weight	Price
CMDO12	12" MDO	18" x 18" x 7"	22 lbs.	\$315.00
CMDO18	18" MDO	24" x 24" x 7"	41 lbs.	\$355.00
CMDO24	24" MDO	31" x 31" x 7"	67 lbs.	\$395.00



Heavy-Duty Stands

Covington's Heavy-Duty Equipment Stands are designed for use with Covington machines. Stands are made of heavy gauge steel and powder coated to resist rust. Custom sizes are available, call for a quote. Heavy Duty Equipment Stands are designed to be used with Covington machines. Available in a variety of sizes, these stands are built to a comfortable height of 32". These stands are made with 1-1/2" steel box tube. Just choose which stand you need based on the base size of your machine.

The #467 Small Cabinet Stand is designed to hold all Covington 8" combination units. An optional Lam-I-Cushion table top and door kit are available to convert this stand into a workbench.

The #386 Large Cabinet Stand makes an excellent multi-purpose workbench. An optional Lam-I-Cushion table top and door kit are available to convert this stand into a workbench.



Grinder Stand				
Order #	Size	Dimensions	Weight	Price
CGS200	24" x 22"	37" x 26" x 26"	75 lbs.	\$195.00

Sander Stand				
Order #	Size	Dimensions	Weight	Price
CSS264	12" x 24"	37" x 26" x 15"	50 lbs.	\$165.00

Trim Saw Stand				
Order #	Size	Dimensions	Weight	Price
CTS250	24" x 16"	37" x 26" x 26"	65 lbs.	\$185.00

Combo Stand				
Order #	Size	Dimensions	Weight	Price
CCS254	18" x 36"	20" x 38" x 34"	105 lbs.	\$215.00

New!



12" Beveler Grinder Stand				
Order #	Size	Dimensions	Weight	Price
CHGS50	24" x 24"	25" x 25" x 16"	30 lbs.	\$85.00



Order #	Description	Size	Dimensions	Weight	Price	*Table Top	*Door Kit
LCS386	Large Cabinet Stand	12" x 36"	39" x 39" x 17"	70 lbs.	\$157.50	\$52.50	\$36.75
SCS467	Small Cabinet Stand	24" x 36"	37" x 26" x 6"	50 lbs.	\$131.25	\$42.00	\$36.75

*Please note that the optional Lam-I-Cushion top and door kit are sold separately.



Koolerant Tanks



The Complete Submersible Pump/Tank is a self-contained pump system that can eliminate city water hook-up for grinding units or supply mixed Koolerant and light mineral oil to diamond saws. This unit has large capacity tank with two graduated dividers to separate sediment, and 10 feet of 3/8" vinyl tubing. Wheels on the tank make moving it easy. All pumps operate on 110V, are supplied with 3 prong grounded plug and cord (CSP805 pump), and pump 200GPH at 1ft, 105GPH at 5-feet. The tank holds approximately 17.5-gallons.

Complete Submersible Pump/Tank Unit			
Order #	Dimensions	Weight	Price
CKP620	37" x 26" x 16"	70 lbs.	\$350.00



Covington's Pressure Tank is ideal for the small workshop or wherever there is no water supply handy. Just fill the tank with water, hook up to brass valve, and pump. Works excellent on all Covington equipment with a valve and spray nozzle.

2 Gallon Pressure Tank			
Order #	Dimensions	Weight	Price
CPT200	9" x 9" x 25"	4 lbs.	\$25.00



SUPPLIES



SILICON CARBIDE GRITS



60/90g - 80g*



Order #	Size	Price
SC1080	1 lb.	\$4.05
SC5080	5 lbs.	\$18.25
SCB080	50 lbs.	\$120.00



120/220g - 220g*



Order #	Size	Price
SC1220	1 lb.	\$4.25
SC5220	5 lbs.	\$18.50
SCB220	50 lbs.	\$135.00



3F-400g*



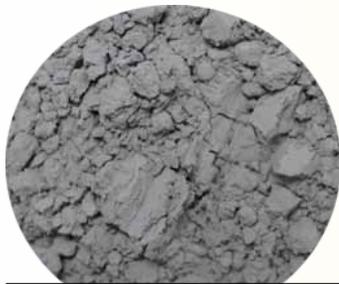
Order #	Size	Price
SC1400	1 lb.	\$6.75
SC5400	5 lbs.	\$30.00
SCB400	50 lbs.	\$195.00



5F-600g*

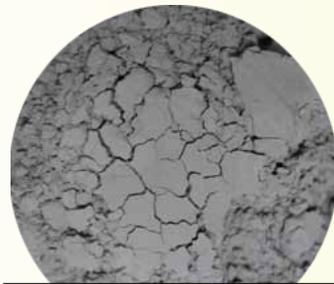


Order #	Size	Price
SC1600	1 lb.	\$9.00
SC5600	5 lbs.	\$40.00
SCB600	50 lbs.	\$255.00



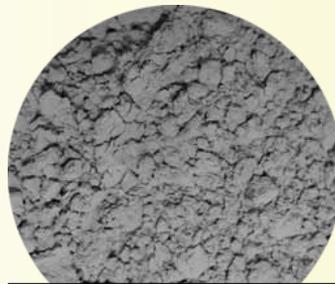
8F-800g

Order #	Size	Price
SC1800	1 lb.	\$5.75
SC5800	5 lbs.	\$26.00
SCB800	50 lbs.	\$200.00



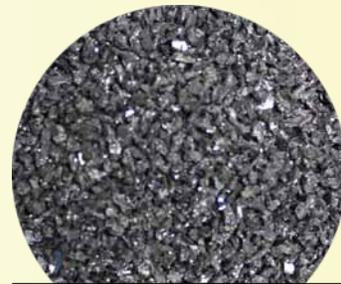
1000g

Order #	Size	Price
SC1100	1 lb.	\$11.00
SC5100	5 lbs.	\$50.00
SCB100	50 lbs.	\$382.50



1200g

Order #	Size	Price
SC1120	1 lb.	\$6.50
SC5120	5 lbs.	\$29.25
SCB120	50 lbs.	\$263.25



14g Graded

Order #	Size	Price
GG1014	1 lb.	\$4.65
GG5014	5 lbs.	\$20.95
GGB014	50 lbs.	\$126.00



60g Graded

Order #	Size	Price
GG1060	1 lb.	\$4.25
GG5060	5 lbs.	\$19.00
GGB060	50 lbs.	\$135.00



80g Graded

Order #	Size	Price
GG1080	1 lb.	\$5.00
GG5080	5 lbs.	\$22.50
GGB080	50 lbs.	\$135.00



120g Graded

Order #	Size	Price
GG1120	1 lb.	\$5.00
GG5120	5 lbs.	\$22.50
GGB120	50 lbs.	\$135.00



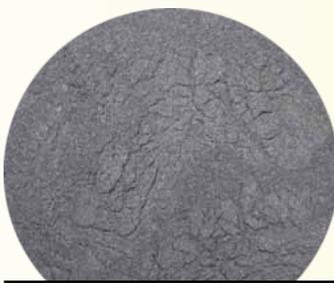
220g Graded

Order #	Size	Price
GG1220	1 lb.	\$4.75
GG5220	5 lbs.	\$21.00
GGB220	50 lbs.	\$147.00



320g Graded

Order #	Size	Price
GG1320	1 lb.	\$4.75
GG5320	5 lbs.	\$21.00
GGB320	50 lbs.	\$147.00



400g Graded

Order #	Size	Price
GG1400	1 lb.	\$5.00
GG5400	5 lbs.	\$22.50
GGB400	50 lbs.	\$147.00



600g Graded

Order #	Size	Price
GG1600	1 lb.	\$5.00
GG5600	5 lbs.	\$22.50
GGB600	50 lbs.	\$147.00

**These non-graded silicon carbide grits are manufactured in the United States. They are baked longer than standard grits, making them higher quality and longer lasting. These grits are a 9 on the Mohs scale.*

Covington only buys the highest quality of grit. Graded grits are baked longer than standard silicon carbide grits making it a higher quality and longer lasting product.



This high-quality burnishing and lubricating compound creates bright, clean finishes and works great on both silver and gold. Use a ratio of 1-tablespoon to 1-gallon of water, adjust as needed.

Burnishing Compound		
Order #	Size	Price
BRN001	1 lb.	\$8.00
BRN005	5 lbs.	\$35.00

Ceramic Angle #1: This filler media adds weight to the load increasing tumbling action, separates work pieces keeping parts from sticking together, and carries grit to work pieces.

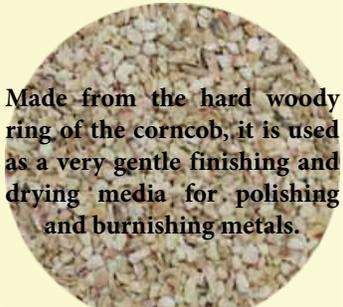
Ceramic Angle #1: 3/8" x 5/8"		
Order #	Size	Price
CCA001	1 lb.	\$3.50
CCA015	5 lbs.	\$15.75

Ceramic Angle #2 contains a mild abrasive. An excellent filler, it adds weight to the load increasing tumbling action, separates work pieces keeping parts from sticking together, and carries grit to work pieces.

Ceramic Angle #2: 1/4" x 5/8"		
Order #	Size	Price
CCA002	1 lb.	\$3.50
CCA025	5 lbs.	\$15.75

Ceramic Angle #3: This filler media adds weight to the load effectively increasing tumbling action, separates work pieces keeping parts from sticking together, and carries grit to work pieces.

Ceramic Angle #3: 5/32" x 5/16"		
Order #	Size	Price
CCA003	1 lb.	\$5.50
CCA035	5 lbs.	\$24.00



Made from the hard woody ring of the corncob, it is used as a very gentle finishing and drying media for polishing and burnishing metals.

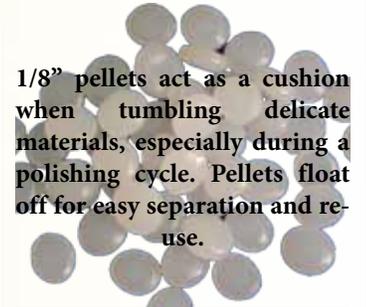
Corn Cob		
Order #	Size	Price
CCC001	1 lb.	\$3.00
CCC005	5 lbs.	\$13.50

An excellent aid to grinding and polishing in a vibrating or rolling tumbler. The small size aids in reaching hard-to-get areas. Use 1/4- cup of garnet sand per quart of rocks. Use the mixture from rough grind through polish. 8/12 mesh.

Garnet Sand		
Order #	Size	Price
CGS001	1 lb.	\$2.65
CGS005	5 lbs.	\$11.95

This binding agent holds grit to workpieces reducing grit loss due to centrifical force. This compound assists quickly makes a slurry and holds grit to the stone, speeding up the process and saving grit. Old Miser is water-soluble and washes away easily.

Old Miser		
Order #	Size	Price
OMGC01	12 oz.	\$6.00
OMGC05	5 lbs.	\$33.75



1/8" pellets act as a cushion when tumbling delicate materials, especially during a polishing cycle. Pellets float off for easy separation and re-use.

Plastic Pellets		
Order #	Size	Price
PPS001	1 lb.	\$3.75
PPS005	5 lbs.	\$16.85

1/4" plastic media used wet on all precious metals for cut down prior to burnishing with steel shot. This is a fast cutting media that produces an excellent finish. The plastic pyramids are made with a 400-grit quartz abrasive embedded inside.

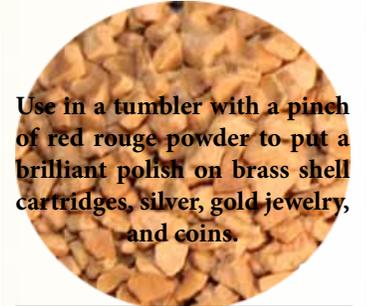
Plastic Pyramids		
Order #	Size	Price
PYR001	1 lb.	\$4.50
PYR005	5 lbs.	\$20.25

A superior mix of balls, pins, ball-cones, and cylinders. Just the right sizes for jewelry work. The mixture ensures maximum coverage of a wide variety of work pieces. Shot is made from hard, low-carbon steel with a mirror bright surface.

Stainless Steel Shot		
Order #	Size	Price
SSS001	1 lb.	\$19.95
SSS005	5 lbs.	\$89.75

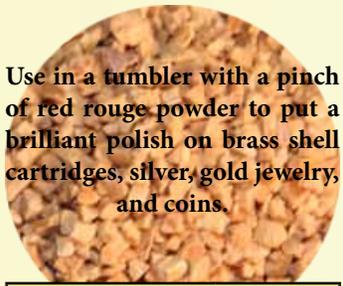
A superior mix of balls, pins, ball-cones, and cylinders. Just the right sizes for jewelry work. The mixture ensures maximum coverage of a wide variety of work pieces. Shot is made from hard, low-carbon steel with a mirror bright surface.

Carbon Steel Shot		
Order #	Size	Price
CSS001	1 lb.	\$9.50
CSS005	5 lbs.	\$42.75



Use in a tumbler with a pinch of red rouge powder to put a brilliant polish on brass shell cartridges, silver, gold jewelry, and coins.

Walnut Shell Coarse		
Order #	Size	Price
GWSC01	1 lb.	\$2.00
GWSC05	5 lbs.	\$9.00



Use in a tumbler with a pinch of red rouge powder to put a brilliant polish on brass shell cartridges, silver, gold jewelry, and coins.

Walnut Shell Fine		
Order #	Size	Price
GWSF01	1 lb.	\$2.00
GWSF05	5 lbs.	\$9.00



Set of 6 Grit & Polish Brushes for grit and polish application.

Set of 6 Grit & Polish Brushes		
Order #	Size	Price
GPB649	1 lb.	\$2.50



TIP: Using Old Miser® with your tumbler will save time and money. This compound helps bind grit to the workpiece while prohibiting the water from washing the grit away. This process speeds up the grinding stages and conserves grit. Use 4-teaspoons of Old Miser® per 1-pound of grit. *Note: Do not use Old Miser® during polishing stages.

Covington's high quality optical grade cerium is excellent for polishing glass. One of the best all purpose polishes, cerium will polish quartz, agate, opal, obsidian, etc.

Cerium Oxide		
Order #	Size	Price
C85001	1 lb.	\$19.95
C85005	5 lbs.	\$89.75

This green powder is a hard polishing agent used to polish jade, garnet, rhodonite, and lapis.

Chrome Oxide		
Order #	Size	Price
COP001	1 lb.	\$20.00
COP005	5 lbs.	\$90.00

A 99% pure micro-alumina powder, this polish is great for polishing petrified wood, agate, rhodocrosite, jade and other hard stones. Approximately 2-3 microns and a 9 on the Mohs scale (compares with Tin Oxide).

Covington Gold Polish #1		
Order #	Size	Price
CGP001	1 lb.	\$7.95
CGP005	5 lbs.	\$35.75
CGP050	50 lbs.	\$321.75

A 99% pure micro alumina powder, this polish is excellent for achieving a super-fine polish on all hard and soft stones. Particle size is approximately .5 microns and a 9 on the Mohs scale (compares with Linde 'A' Polish).

Covington Gold Polish #2		
Order #	Size	Price
CGP201	1 lb.	\$14.95
CGP205	5 lbs.	\$67.25
CGP250	50 lbs.	\$605.25

This 98% pure levigated alumina polish powder is excellent for tumbling, pre-polishing, and plate lapping.

Covington Tumbler Polish		
Order #	Size	Price
CPT001	1 lb.	\$5.75
CTP005	5 lbs.	\$26.00

A cleaning powder used to remove iron stains from gemstones.

Oxalic Acid		
Order #	Size	Price
OAP001	1 lb.	\$4.00
OAP005	5 lbs.	\$18.00

Very coarse pumice for quick grinding, recommended for experienced users. Sand-like in appearance.

Pumice, 1		
Order #	Size	Price
PUM501	1 lb.	\$2.25
PUM505	5 lbs.	\$10.00
PUM550	50 lbs.	\$72.00

Coarse pumice for quick grinding, recommended for experienced users.

Pumice, 0-1/2		
Order #	Size	Price
PUM101	1 lb.	\$2.25
PUM105	5 lbs.	\$10.00
PUM150	50 lbs.	\$72.00

Use to remove grease or stains from glass surfaces. This pumice creates an excellent pre-polish on glass. Use with cork belts, wheels, or discs. Can be applied with wet rag, or felt block.

Pumice, 2F		
Order #	Size	Price
PUM201	1 lb.	\$2.25
PUM205	5 lbs.	\$10.00
PUM550	50 lbs.	\$72.00

Use on cork belts, wheels, or discs for semi-polishing the edges or bevels on glass plate. This pumice creates an excellent pre-polish on glass.

Pumice, 4F		
Order #	Size	Price
PUM401	1 lb.	\$2.25
PUM405	5 lbs.	\$10.00
PUM450	50 lbs.	\$72.00

Use this inexpensive polish powder for tumbling. Use with walnut shell to polish brass and other metals. This powder can be used as a final polish for glass and obsidian.

Red Rouge Powder		
Order #	Size	Price
RRP001	1 lb.	\$7.50
RRP005	5 lbs.	\$33.75

This 99.9% high purity tin oxide provides an excellent polish on almost any gemstone including hard-to-polish stones.

Tin Oxide		
Order #	Size	Price
TOP001	1 lb.	\$49.99
TOP005	5 lbs.	\$224.95

A great pre-polish, cream-colored polishing compound.

Tripoli Polish		
Order #	Size	Price
TTP001	1 lb.	\$3.50
TTP005	5 lbs.	\$15.75

A .3 micron alumina powder that is 99.98% pure aluminum oxide and a 9 on the Mohs scale. Linde 'A' will polish almost any gemstone.

Linde 'A' Polish		
Order #	Size	Price
LAP001	1 oz.	\$8.95
LAP008	8 oz.	\$59.00

Covington's high quality optical grade super cerium is excellent for polishing glass. One of the best all purpose polishes, cerium will polish quartz, agate, opal, obsidian, etc.

Super Cerium Oxide		
Order #	Size	Price
SCO001	1 lb.	\$29.95
SCO005	5 lbs.	\$134.75



Cerium Oxide Spray Bottle		
Order #	Description	Price
CSB001	Spray Bottle w/ Cerium	\$7.00
CSB032	Spray Bottle Only	\$3.50



Starter Grit & Polish Kit
(Includes 1-lb. 60/90g, 12-oz. 120/220g, 12-oz. 3-F/400g, 6-oz. Old Miser, & 6-oz. Covington Tumbler Polish)

Starter Grit & Polish Kit		
Order #	Size	Price
SGPK01	6 lbs.	\$19.25



Lapping Grit Kit (Includes 1-lb. 60/90g, 1-lb. 120/220g, & 1-lb. 3-F/400g)

Lapping Grit Kit		
Order #	Size	Price
LGK001	4 lbs.	\$14.30



Tumbler Grit & Polish Kit
(Includes 1-lb. 60/90g, 1-lb. 120/220g, 1-lb. 3-F/400g, 12-oz. Old Miser, & 1-lb. Covington Tumbler Polish)

Tumbler Grit & Polish Kit		
Order #	Size	Price
TGP001	6 lbs.	\$25.25



Jumbo Grit & Polish Kit
(Includes 5-lbs. each of 60/90g, 120/220g, 3-F/400g, Old Miser, & Covington Tumbler Polish)

Jumbo Grit & Polish Kit		
Order #	Size	Price
JGK005	28 lbs.	\$119.50



Red Rouge Bar: Use with gold, silver, and soft metals. The red rouge bar is ideal for producing a final high color and luster. 1-lb Bar.

Red Rouge Bar		
Order #	Size	Price
RRB001	2 lbs.	\$9.00



White Diamond XXX: For extra fast cutting of all metals. Use with red rouge. 12-oz. Bar.

White Diamond XXX		
Order #	Size	Price
WDB001	2 lbs.	\$3.50



Tripoli Bar: Eliminates surface scratches. Use with red rouge for a final polish. 12-oz. Bar.

Tripoli Bar		
Order #	Size	Price
BTB001	2 lbs.	\$2.75



White Rouge: Quickly polishes hard metals such as nickel, steel, chromium, and stainless steel. .84-lb. Bar.

White Rouge Bar		
Order #	Size	Price
WRB001	2 lbs.	\$7.50



Wham Bar: Produces an exceptionally fine finish on hard metals such as nickel, steel, chromium, and stainless steel. 4-oz. Bar.

Wham Bar		
Order #	Size	Price
WPB001	1 lb.	\$3.75



Diamond Compound



Diamond Compound is available in 5-gram and 10-gram syringes that make application easy. Graduated marks along the side of the syringe indicates amount. Apply the compound in tiny dots and spread evenly across the pad, add a few drops of diamond extender fluid and spread with a fingertip. Rotate the part being ground and check frequently for overheating. Add a drop of extender fluid to cool off the work piece. Recharge the plate only when necessary as the diamond lasts a long time.

Extender Fluid



Use **Diamond Extender Fluid** to spread diamond compound on polish plate and to keep the plate and work piece from overheating.

Extender Fluid		
Order #	Weight	Price
DEF200	1 lb.	\$5.25



High Concentration Diamond Compound		5-gram		10-gram	
Mesh	Micron	Order #	Price	Order #	Price
325	50	CDC550	\$12.00 each	CDC050	\$22.00 each
600	30	CDC530		CDC030	
1,200	15	CDC515		CDC015	
3,000	6	CDC506		CDC006	
8,000	3	CDC503		CDC003	
14,000	1	CDC501		CDC001	
50,000	1/2	CDC505		CDC005	
100,000	1/4	CDC525		CDC025	



Diamond Drill Bits

Diamond Drill Bits are designed to cut through any type of stone surface. Sintered Core Drills are durable and long-lasting. The Crinkled Rim Core Drill is nickel plated, has a high diamond concentration and cuts quickly through most stone. The crinkling aids in faster cutting and stone removal.



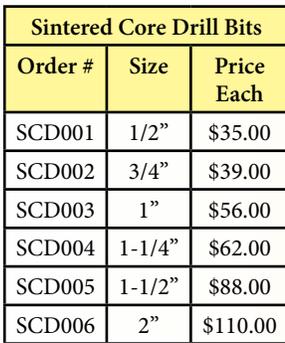
Sintered Drill Bits 		
Order #	Size	Price
SDB001	1.0mm	\$20.00 each
SDB002	1.2mm	
SDB003	1.4mm	
SDB004	1.7mm	
SDB005	2.0mm	




Bonded Diamond Core Drill Bits			
Order #	Size	Price Each 1-9	Price Each 10+
BCD100	1.00mm	\$3.00	\$2.50
BCD150	1.50mm	\$3.00	\$2.50
BCD200	2.00mm	\$3.00	\$2.50
BCD250	2.50mm	\$3.50	\$3.00
BCD300	3.00mm	\$5.00	\$4.25
BCD350	3.50mm	\$5.50	\$4.75




Bonded Diamond Drill Bits				
Order #	Size	Price 1-9	Price 10-49	Price 50+
BDD075	0.75mm	\$2.25 each	\$1.75 each	\$1.00 each
BDD100	1.00mm			
BDD150	1.50mm			
BDD200	2.00mm			
BDD250	2.50mm			

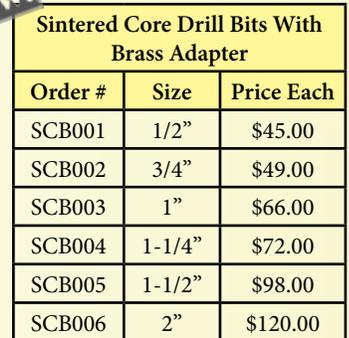
Sintered Core Drill Bits		
Order #	Size	Price Each
SCD001	1/2"	\$35.00
SCD002	3/4"	\$39.00
SCD003	1"	\$56.00
SCD004	1-1/4"	\$62.00
SCD005	1-1/2"	\$88.00
SCD006	2"	\$110.00




Notched Rim Crinkled Core Drills			
Order #	Size	Size	Price Each
CCD004	4mm	0.1575"	\$5.00
CCD005	5mm	0.1969"	\$5.25
CCD006	6mm	0.2362"	\$7.00
CCD008	8mm	0.3150"	\$9.00
CCD010	10mm	0.3937"	\$12.00
CCD012	12mm	0.4724"	\$13.00
CCD014	14mm	0.5512"	\$15.00
CCD016	16mm	0.6299"	\$16.00
CCD018	18mm	0.7087"	\$17.00
CCD020	20mm	0.7874"	\$19.00
CCD025	25mm	0.9843"	\$22.00
CCD030	30mm	1.1811"	\$25.00
CCD035	35mm	1.3780"	\$27.00



New!



Sintered Core Drill Bits With Brass Adapter		
Order #	Size	Price Each
SCB001	1/2"	\$45.00
SCB002	3/4"	\$49.00
SCB003	1"	\$66.00
SCB004	1-1/4"	\$72.00
SCB005	1-1/2"	\$98.00
SCB006	2"	\$120.00



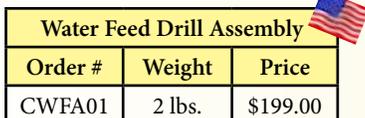
Water Feed Drill Assembly



Covington's new Water Feed Drill Assembly features a through shaft water feed that provides water directly to the core drill while flushing debris away from the work area. Never use a household water source; use a submersible pump to supply water to the system. Available in two options: 3/4"-12 female threading for brass core drill inserts, or with collet for a variety of core drill shank sizes.



New!

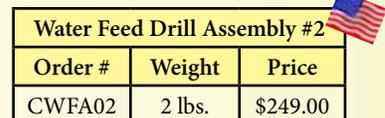


Water Feed Drill Assembly 		
Order #	Weight	Price
CWFA01	2 lbs.	\$199.00

New!



**Shaft is NOT Stainless Steel - Use with a Koolerant*



Water Feed Drill Assembly #2 		
Order #	Weight	Price
CWFA02	2 lbs.	\$249.00

**Price Includes a set of Collets*

Resin Bonded Diamond Smoothing Cones



Resin Bonded Diamond Cones are an excellent choice for working bottles and inside curves. These cones are approximately 3" at base and 3" in height. Standard sizes available are: 1"-14 female or male, 5/8"-11 female or male, and 1/2"-20 female or male. All cones are special order and will be shipped once manufactured, alternate sizes can be manufactured but will take an additional week. All cones are available in 100g, 220g, 325g, 600g, & 1,200g, and left or right hand threads.

Resin Bonded Diamond Smoothing Cones		
Order #	Specify Grit	Price
DRC100	100g, 220g, 325g, 600g, & 1,200g	\$95.00



Resin Bonded Diamond Smoothing Domes

New!



Resin Bonded Diamond Domes are an excellent choice for working bottles and inside curves. These domes are approximately 4" at base and 2-1/2" in height. Standard sizes available are: 1"-14 female or male, 5/8"-11 female or male, and 1/2"-20 female or male. All domes are special order and will be shipped once manufactured, alternate sizes can be manufactured but will take an additional week. All domes are available in 100g, 220g, 325g, 600g, & 1,200g, and left or right hand threads.

Resin Bonded Diamond Smoothing Domes		
Order #	Specify Grit	Price
DRD100	100g, 220g, 325g, 600g, & 1,200g	\$135.00



Nickel Bonded Diamond Dome



Nickel Bonded Diamond Domes are an excellent choice for working bottles and inside curves. These domes are approximately 3-7/8" at base and 1-1/2" in height. Standard sizes available are: 1"-14 female and 5/8"-11 female. Cones are available in Coarse (100g), Medium (220g), and Fine (600g). All domes include a 3/16" center hole for through-shaft water systems.

Nickel Bonded Diamond Domes		
Order #	Specify Grit	Price
DNH001	100g, 220g, 600g	\$150.00



Nickel Bonded Diamond Cone



Nickel Bonded Diamond Cones are an excellent choice for working bottles and inside curves. These cones are approximately 3" at base and 3" in height. Standard sizes available are: 1"-14 female and 5/8"-11 female. Cones are available in Coarse (100g), Medium (220g), and Fine (600g). All cones include a 3/16" center hole for through-shaft water systems.

Nickel Bonded Diamond Cones		
Order #	Specify Grit	Price
DNC001	100g, 220g, 600g	\$135.00



Felt Cone



Felt Cones are an excellent choice for working bottles and inside curves. These cones are approximately 3" at base and 3" in height. The felt cones come with a 5/8"-11 male brass thread to fit a 5/8"-11 female thread. Use in combination with cerium oxide to achieve a high, optically-clear polish.

Felt Cone		
Order #	Size	Price
DNH001	3" x 3" Cone	\$125.00



Magnetic Backed Discs

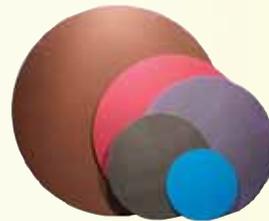
Magnetic Backed Diamond Discs are super-fast to change and available in a wide selection to suit any grinding and polishing need. These discs have a 1" hole to center on plate. Use in combination with Covington's 12" or 24" Horizontal Grinder/Beveler for optimum performance.



12" Nickel Bond Magnetic Backed Diamond Discs		
Order #	Grit	Price
NB1204	45g	\$316.75
NB1206	60g	\$237.75
NB1208	80g	\$220.00
NB1210	100g	\$200.25
NB1214	140g	\$195.75
NB1220	200g	\$175.00
NB1227	270g	\$156.25
NB1232	325g	\$156.25
NB1250	500g	\$156.25

18" Nickel Bond Magnetic Backed Diamond Discs		
Order #	Grit	Price
NB1804	45g	\$640.25
NB1806	60g	\$469.75
NB1808	80g	\$441.00
NB1810	100g	\$423.50
NB1814	140g	\$415.75
NB1820	200g	\$387.25
NB1827	270g	\$363.00
NB1832	325g	\$363.00
NB1850	500g	\$363.00

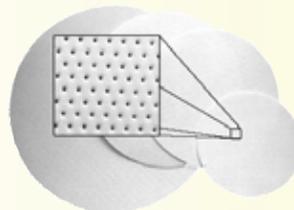
24" Nickel Bond Magnetic Backed Diamond Discs		
Order #	Grit	Price
NB2404	45g	\$998.95
NB2406	60g	\$741.50
NB2408	80g	\$676.50
NB2410	100g	\$616.00
NB2414	140g	\$597.50
NB2420	200g	\$563.25
NB2427	270g	\$529.25
NB2432	325g	\$529.25
NB2450	500g	\$529.25



12" Resin Bond Magnetic Backed Diamond Discs			
Order #	Grit	Color	Price
RB1210	100g	Black	\$94.00 each
RB1220	220g	Purple	
RB1232	325g	Maroon	
RB1260	600g	Red	
RB1212	1,200g	Blue	

18" Resin Bond Magnetic Backed Diamond Discs			
Order #	Grit	Color	Price
RB1810	100g	Black	\$136.95 each
RB1820	220g	Purple	
RB1832	325g	Maroon	
RB1860	600g	Red	
RB1812	1,200g	Blue	

24" Resin Bond Magnetic Backed Diamond Discs			
Order #	Grit	Color	Price
RB2410	100g	Black	\$225.50 each
RB2420	220g	Purple	
RB2432	325g	Maroon	
RB2460	600g	Red	
RB2412	1,200g	Blue	



12" Magnetic Backed Synthetic Felt Discs		
Order #	Grit	Price
FELT12	Felt	\$51.75

18" Magnetic Backed Synthetic Felt Discs		
Order #	Grit	Price
FELT18	Felt	\$126.50

24" Magnetic Backed Synthetic Felt Discs		
Order #	Grit	Price
FELT24	Felt	\$220.00

Diamond Faceting Discs



Diamond Faceting Discs are designed for both commercial and hobbyist applications. These plated steel discs are used for faceting, glass grinding, intarsia, and general lapidary applications. The discs attach to backing plates with contact cement for permanent mounting, and are also available with a backing plate attached.

6" Faceting Discs					8" Faceting Discs			
	w/o Backing Plate		w/ Backing Plate		w/o Backing Plate		w/ Backing Plate	
Grit	Order #	Price	Order #	Price	Order #	Price	Order #	Price
60g	CFL606	\$50.00	CFB606	\$78.00	CFL806	\$60.00	CFB806	\$94.00
80g	CFL608	\$46.00	CFB608	\$74.00	CFL808	\$56.00	CFB808	\$90.00
100g	CFL610	\$38.00	CFB610	\$66.00	CFL810	\$48.00	CFB810	\$82.00
180g	CFL618	\$34.00	CFB618	\$62.00	CFL818	\$44.00	CFB818	\$78.00
260g	CFL626	\$28.00	CFB626	\$56.00	CFL826	\$36.00	CFB826	\$70.00
360g	CFL636	\$28.00	CFB636	\$56.00	CFL836	\$36.00	CFB836	\$70.00
600g	CFL660	\$22.00	CFB660	\$50.00	CFL860	\$32.00	CFB860	\$66.00
1200g	CFL612	\$20.00	CFB612	\$48.00	CFL812	\$30.00	CFB812	\$64.00
3000g	CFL630	\$50.00	CFB630	\$78.00	CFL830	\$60.00	CFB830	\$94.00
Backing Plate	CBP006	\$30.00	-	-	CBP008	\$40.00	-	-

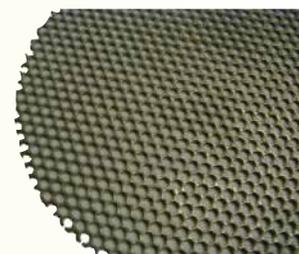
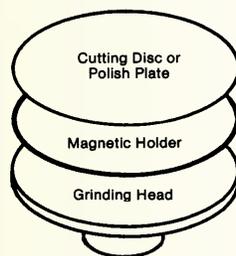
Full Face Lap Plates



Covington's Full Face Lap Plates are nickel electroplated for superior bonding of diamonds and longer life. These are the same plates used with the 6" and 8" Cab Kings. Each disc is attached to a backing plate and has a 1/4" - 20 mounting post.

Grit	Order #	Weight	Price
60g	FFL606	3 lbs.	\$78.00
80g	FFL608	3 lbs.	\$74.00
100g	FFL610	3 lbs.	\$66.00
180g	FFL618	3 lbs.	\$62.00
360g	FFL636	3 lbs.	\$56.00
600g	FFL660	3 lbs.	\$50.00

Diamond Abrasive System



TRANSAXIS DICHROICUBE
ARTIST: TOLAND SAND

Covington's **Diamond Abrasive System** is a magnetic mounting system that uses one head for all grinding operations. Simply attach the adhesive-backed, flexible magnetic holder to the grinding head. No additional adhesive, or shaft nuts are required. The grinding head is now ready to take diamond cutting discs. Position the grinding head on the magnet and it is ready to use. Use the coarse disc (100g) to remove large amounts of material. Use the medium disc (220g) to improve the surface finish and prepare the piece for finer grinding. The fine disc (600g) quickly removes the medium finish and prepares the surface for pre-polish. **Diamond Compound** can be used as a pre-polish (8,000mesh) or final polish (14,000mesh to 50,000mesh) on a polish plate.

Description	8"		10"	
	Order #	Price	Order #	Price
Magnetic Holder	CDAH08	\$36.00	CDAH10	\$50.00
Diamond Disc, 100g Coarse	CDAC08	\$100.00	CDAC10	\$150.00
Diamond Disc, 220g Medium	CDAM08	\$90.00	CDAM10	\$138.00
Diamond Disc, 600g Fine	CDAF08	\$80.00	CDAF10	\$126.00
Polish Plate	CAPP08	\$15.00	CAPP10	\$20.00
Set of 3 Discs (100g, 220g, 600g)	CDAS08	\$243.00	CDAS10	\$373.00

Covington's Sintered Red Thin Rim Blades



Sintered Diamond Blades are a longer lasting blade compared to the notched rim. These blades are manufactured by embedding diamond grit directly into the metal matrix that forms the edge of the saw blade. Sintered blades are a better value than other blades because of their long life.

Covington's Red Thin Rim Sintered Blade					
Order #	Diameter	Core/Rim	Arbor	Weight	Price
CRS004	4"	0.016/0.023	5/8"-1/2"	1 lb.	\$24.00
CRS005	5"	0.012/0.015	5/8"-1/2"	1 lb.	\$30.00
CRS006	6"	0.012/0.020	5/8"-1/2"	2 lbs.	\$40.00
CRS008	8"	0.023/0.031	5/8"-1/2"	3 lbs.	\$70.00
CRS010	10"	0.031/0.038	5/8"-1/2"	3 lbs.	\$84.00
CRS012	12"	0.031/0.042	5/8"-1/2"	4 lbs.	\$116.00
CRS014	14"	0.039/0.045	5/8"-1/2"	5 lbs.	\$156.00
Best for General Stone Cutting					

Covington's Platinum 301 Blade



Covington's Platinum Series 301 Lapidary Blades are made with a higher diamond concentration and a higher carbon content steel core for improved tension memory. The solid diamond sintered kerf provides better cutting performance and improved coolant flow. Covington's Platinum 301 is an excellent choice for cutting hard materials such as agate, petrified wood, or jade. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".

Order #	Diameter	Core Width	Arbor	Weight	Price
CP3106	6"	0.025	5/8"-1/2"	2 lbs.	\$62.00
CP3108	8"	0.040	5/8"-1/2"	3 lbs.	\$85.00
CP3110	10"	0.040	5/8"-1/2"	3 lbs.	\$100.00
CP3112	12"	0.065	1"-5/8"	5 lbs.	\$155.00
CP3114	14"	0.065	1"-5/8"	7 lbs.	\$235.00
CP3116	16"	0.065	1"-5/8"	10 lbs.	\$300.00
CP3118	18"	0.085	1"-3/4"	12 lbs.	\$360.00
CP3120	20"	0.085	1"-3/4"	14 lbs.	\$400.00

Covington's Sintered Thick Rim Black Blades



Sintered Diamond Blades are a longer lasting blade compared to the notched rim. These blades are manufactured by embedding diamond grit directly into the metal matrix that forms the edge of the saw blade. Sintered blades are a better value than other blades because of their long life.

Covington's Black Thick Rim Sintered Blade					
Order #	Diameter	Core/Rim	Arbor	Weight	Price
CBS006	6"	0.031/0.044	5/8"-1/2"	2 lbs.	\$44.00
CBS008	8"	0.031/0.044	5/8"-1/2"	3 lbs.	\$60.00
CBS010	10"	0.040/0.052	5/8"-1/2"	3 lbs.	\$70.00
CBS012	12"	0.050/0.070	1"-5/8"	4 lbs.	\$90.00
CBS014	14"	0.050/0.070	1"-5/8"	5 lbs.	\$110.00
Best for Agates and Geodes					

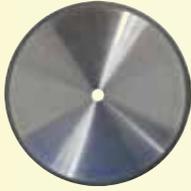
Covington's Platinum 303 Blade



Covington's Professional Grade 303 Platinum Series Blades, designed for lapidary materials, produces smooth cuts and is perfect for rare or valuable materials where minimum waste and a fast cut is essential. These blades last longer and cut faster than ordinary notched-rim or plated-diamond blades. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".

Order #	Diameter	Core Width	Arbor	Weight	Price
CP3304	4"	0.020	5/8"-1/2"	2 lbs.	\$42.00
CP3306	6"	0.032	5/8"-1/2"	2 lbs.	\$51.50
CP3308	8"	0.025	5/8"-1/2"	3 lbs.	\$60.00
CP3310	10"	0.032	5/8"-1/2"	3 lbs.	\$68.00
CP3312	12"	0.065	5/8"-1/2"	5 lbs.	\$175.00
CP3314	14"	0.065	1"-5/8"	7 lbs.	\$195.00
CP3316	*16"	0.085	1"-5/8"	10 lbs.	\$260.00
CP3318	*18"	0.085	1"-3/4"	12 lbs.	\$310.00
CP3320	*20"	0.100	1"-3/4"	14 lbs.	\$400.00
CP3324	*24"	0.100	1"	20 lbs.	\$690.00
CP3330	*30"	0.125	1"	40 lbs.	\$995.00
CP3336	*36"	0.200	1"	50 lbs.	\$1,500.00
*Indicates a segmented rim blade					

Covington's Platinum 5000 Resin Bonded Glass Blade



Covington's Platinum Series Resin Bonded Diamond Blade is an excellent choice for cutting pyrex, glass, ceramic, and other materials where heat generation must be kept at a minimum. These 1/4" depth super-heavy diamond concentration blades give a smooth, cleaner cut than most plated blades can. These blades are commonly used by glass artists worldwide and are exceptional for cutting glass tube, bar, and rods. **WARNING: THESE BLADES ARE EXTREMELY FRAGILE.** *Please specify arbor size when ordering 1/2", 5/8", or 3/4".

Order #	Diameter	Core Width	Arbor	Weight	Price
CP5007	7"	0.040	5/8"-1/2"	4 lbs.	\$154.00
CP5010	10"	0.062	5/8"-1/2"	5 lbs.	\$195.00
CP5012	12"	0.062	5/8"-1/2"	6 lbs.	\$240.00
CP5014	14"	0.072	3/4"-1/2"	8 lbs.	\$310.00

Covington's Ultimate Glass Blade



Covington's Ultimate Glass Blade is our latest model of glass blade. Designed specially for cutting glass, this blade will trim glass, slice through bottles, and more with minimal chipping. *Please ask for a 1/2" bushing if needed.

Order #	Diameter	Core/Rim	Arbor	Weight	Price
CUB010	10"	0.085	5/8"-1/2"	3 lbs.	\$110.00

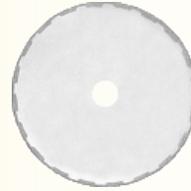
Covington's Thin Rim Blades



Covington's Thin Rim Blades are high quality fast cutting blades designed for high-yield cutting of glass and precious materials. The price makes them quite affordable for any general-purpose use. Comes with 5/8" arbor. *Please ask for a 1/2" bushing if needed.

Order #	Diameter	Core/Rim	Arbor	Weight	Price
PMB406	4"	0.006/0.009	5/8"-1/2"	1 lb.	\$5.00
PMB410		0.010/0.013			
PMB506	5"	0.006/0.009	5/8"-1/2"	1 lb.	\$6.00
PMB510		0.010/0.015			
PMB606	6"	0.006/0.009	5/8"-1/2"	1 lb.	\$7.00
PMB610		0.010/0.012			

Covington's Platinum Thin Glass Blade



Covington's newest Platinum Thin Glass Blade Series is an excellent choice for cutting precious stones and glass. This blade features a nickel electroplated rim and a strong spring steel core. The thinness of the blade makes it a desirable alternative when waste must be kept to a minimum. *Please ask for a 1/2" bushing if needed.

Order #	Diameter	Thickness	Arbor	Weight	Price
PGB407	4"	0.007	5/8"-1/2"	1 lb.	\$25.00
PGB416		0.016			
PGB611	6"	0.011	5/8"-1/2"	1 lb.	\$33.00
PGB616		0.016			
PGB632		0.032			
PGB816	8"	0.016	5/8"-1/2"	1 lb.	\$40.00
PGB831		0.031			

Covington's Gold Blades



Covington's Gold Series Diamond Blades are excellent quality, commercial grade blades, designed for lapidary work. More diamonds in the notched rim and a stiffer core make this blade cut faster and maintain a longer use life. While this blade was designed for use on hard materials like agates, geodes, and petrified wood, it will cut soft materials such as glass superbly. The Gold Series blades are a great low cost choice. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".

Order #	Diameter	Core/Rim	Arbor	Weight	Price
CGB006	6"	0.031/0.044	5/8"-1/2"	3 lbs.	\$18.00
CGB008	8"	0.031/0.044	5/8"-1/2"	3 lbs.	\$22.50
CGB010	10"	0.040/0.052	5/8"-1/2"	4 lbs.	\$38.00
CGB012	12"	0.050/0.070	1"-5/8"	6 lbs.	\$55.00
CGB014	14"	0.051/0.075	1"-5/8"	7 lbs.	\$88.00
CGB016	16"	0.064/0.094	1"-5/8"	9 lbs.	\$132.00
CGB018	18"	0.064/0.094	1"-3/4"	12 lbs.	\$165.00
CGB020	20"	0.071/0.098	1"-3/4"	14 lbs.	\$198.00
CGB024	24"	0.080/0.110	1"-3/4"	18 lbs.	\$299.00
CGB030	30"	0.095/0.115	1"	33 lbs.	\$605.00
CGB036	36"	0.095/0.115	1"	40 lbs.	\$880.00

Diamond Resin Wheels



Covington's **Diamond Resin Wheels** are top quality soft wheels. These are the same wheels found on the 6" and 8" Cab Kings. These polishing wheels are an excellent choice for capping and contour grinding. All wheels have a 1" arbor hole and can be bushed to 1/2", 5/8", or 3/4" with supplied bushing.

6" x 1-1/2" Resin Wheels		
Order #	Grit	Price
DRW606	60g	\$60.00
DRW640	140g	\$55.00
DRW628	280g	\$55.00
DRW660	600g	\$55.00
DRW612	1,200g	\$55.00
DRW630	3,000g	\$55.00
DRW680	8,000g	\$55.00
DRW614	14,000g	\$55.00
Shipping Weight: 2 lbs.		

8" x 2" Resin Wheels		
Order #	Grit	Price
DRW806	60g	\$95.00
DRW840	140g	\$88.00
DRW828	280g	\$88.00
DRW860	600g	\$88.00
DRW812	1,200g	\$88.00
DRW830	3,000g	\$88.00
DRW880	8,000g	\$88.00
DRW814	14,000g	\$88.00
Shipping Weight: 3 lbs.		

New! Diamond REZ Wheels



Covington's new **Diamond REZ Wheels** are top quality soft wheels. Similar to the resin wheel, these polishing wheels are an excellent choice for capping and contour grinding. These wheels feature a premium resin binder that allows for longer wheel life. These wheels require a break-in period. All wheels have a 1" arbor and supplied bushing.

6" x 1-1/2" REZ Wheels		
Order #	Grit	Price
DRZ606	60g	\$85.00
DRZ640	140g	
DRZ628	280g	
DRZ660	600g	
DRZ612	1,200g	
DRZ630	3,000g	
DRZ680	8,000g	
DRZ614	14,000g	
DRZ650	50,000g	
Shipping Weight: 2 lbs.		

8" x 2" REZ Wheels		
Order #	Grit	Price
DRZ806	60g	\$125.00
DRZ840	140g	
DRZ828	280g	
DRZ860	600g	
DRZ812	1,200g	
DRZ830	3,000g	
DRZ880	8,000g	
DRZ814	14,000g	
DRZ850	50,000g	
Shipping Weight: 3 lbs.		

Standard Diamond Wheels



Covington's 6" and 8" **Standard Diamond Grinding Wheels** are an excellent way to pre-form rough stone and glass material. These solid steel wheels are balanced and nickel electroplated to lengthen wheel life. These are the same heavy-duty wheels mounted on all Covington diamond grinding units.

Standard 6" x 1-1/2"		
Order #	Grit	Price
DW6060	60g	\$135.00
DW6080	80g	\$126.00
DW6100	100g	\$117.00
DW6180	180g	\$114.00
DW6220	220g	\$114.00
DW6360	360g	\$108.00
DW6600	600g	\$99.00
Shipping Weight: 3 lbs.		

Standard 8" x 1-1/2"		
Order #	Grit	Price
DW8060	60g	\$180.00
DW8080	80g	\$166.00
DW8100	100g	\$153.00
DW8180	180g	\$150.00
DW8220	220g	\$150.00
DW8360	360g	\$144.00
DW8600	600g	\$135.00
Shipping Weight: 4 lbs.		

Textured Diamond Wheels



Covington's 6" and 8" **Textured Grinding Wheels** are excellent tools for pre-forming rough stone and glass material. The texturing allows for better sediment wash-out. These balanced, solid steel wheels, are nickel electroplated to provide superior bonding of diamonds and a long life.

Textured 6" x 1-1/2"		
Order #	Grit	Price
TD6060	60g	\$180.00
TD6080	80g	\$171.00
TD6100	100g	\$153.00
TD6180	180g	\$150.00
TD6220	220g	\$150.00
TD6360	360g	\$144.00
TD6600	600g	\$135.00
Shipping Weight: 3 lbs.		

Textured 8" x 1-1/2"		
Order #	Grit	Price
TD8060	60g	\$225.00
TD8080	80g	\$211.00
TD8100	100g	\$198.00
TD8180	180g	\$186.00
TD8220	220g	\$186.00
TD8360	360g	\$180.00
TD8600	600g	\$171.00
Shipping Weight: 4 lbs.		

Sintered Diamond Wheels

Covington's 6" and 8" Sintered Grinding Wheels provide the most cost-effective, longest lasting way to grind and pre-form rough stone and glass. The sintered wheel is 3mm thick, equating almost 1/8" of diamond. Made on solid steel wheels and balanced.

Sintered 6" x 1-1/2"		
Order #	Grit	Price
SD6030	30g	\$300.00
SD6080	60/80g	\$275.00
SD6120	100/120g	\$275.00
SD6180	180g	\$275.00
SD6220	220g	\$275.00
SD6360	360g	\$275.00
SD6600	600g	\$275.00
Shipping Weight: 5 lbs.		

Sintered 8" x 1-1/2"		
Order #	Grit	Price
SD8030	30g	\$400.00
SD8080	60/80g	\$340.00
SD8120	100/120g	\$340.00
SD8180	180g	\$340.00
SD8220	220g	\$340.00
SD8360	360g	\$340.00
SD8600	600g	\$340.00
Shipping Weight: 9 lbs.		



Telescopic Bushings



Yellow Telescopic Bushings are now available in 1", 3/4", and 1/2" widths.

Order #	Description	Price
CYB012	1/2" Bushing	\$1.00
CYB034	3/4" Bushing	
CYB001	1" Bushing	



Diamond Carving Wheels

Covington's 2", 4", 6", and 8" Radius Carving and Grinding Wheels are designed for carving glass and stone. These nickel-plated, steel-rimmed diamond wheels are designed to provide excellent cutting and reliability to user. The convex grinding wheels are nickel electroplated to provide superior bonding of diamonds and promote a long life of use. All wheels come with a 1-3/16" wide plastic hub to reduce weight. These wheels are great for removing punty marks. All wheels come with 1" arbor hole and can be bushed to 1/2", 5/8", or 3/4" with supplied bushing.



Radius 2" x 1/4"		
Order #	Grit	Price
RD2210	100g	\$55.00
RD2218	220g	\$50.00
RD2236	360g	\$50.00
RD2260	600g	\$50.00
Radius 2" x 1/2"		
RD2510	100g	\$65.00
RD2518	220g	\$60.00
RD2536	360g	\$60.00
RD2560	600g	\$60.00
Shipping Weight: 1 lb.		



Radius 4" x 1/4"		
Order #	Grit	Price
RD4210	100g	\$65.00
RD4218	220g	\$60.00
RD4236	360g	\$60.00
RD4260	600g	\$60.00
Radius 4" x 1/2"		
RD4510	100g	\$75.00
RD4518	220g	\$70.00
RD4536	360g	\$70.00
RD4560	600g	\$70.00
Radius 4" x 1"		
RD4110	100g	\$85.00
RD4118	220g	\$80.00
RD4136	360g	\$80.00
RD4160	600g	\$80.00
Shipping Weight: 2 lbs.		

Radius 6" x 1/4"		
Order #	Grit	Price
RD6210	100g	\$70.00
RD6218	220g	\$65.00
RD6236	360g	\$65.00
RD6260	600g	\$65.00
Radius 6" x 1/2"		
RD6510	100g	\$80.00
RD6518	220g	\$75.00
RD6536	360g	\$75.00
RD6560	600g	\$75.00
Radius 6" x 1"		
RD6110	100g	\$90.00
RD6118	220g	\$85.00
RD6136	360g	\$85.00
RD6160	600g	\$85.00
Radius 6" x 1-1/2"		
RD6100	100g	\$138.00
RD6180	220g	\$128.00
RD6360	360g	\$110.00
RD6600	600g	\$104.00
Shipping Weight: 2 lbs.		

Radius 8" x 1/4"		
Order #	Grit	Price
RD8210	100g	\$125.00
RD8218	220g	\$115.00
RD8236	360g	\$115.00
RD8260	600g	\$115.00
Radius 8" x 1/2"		
RD8510	100g	\$135.00
RD8518	220g	\$125.00
RD8536	360g	\$125.00
RD8560	600g	\$125.00
Radius 8" x 1"		
RD8110	100g	\$150.00
RD8118	220g	\$140.00
RD8136	360g	\$140.00
RD8160	600g	\$140.00
Radius 8" x 1-1/2"		
RD8100	100g	\$190.00
RD8180	220g	\$180.00
RD8360	360g	\$170.00
RD8600	600g	\$150.00
Shipping Weight: 2 lbs.		

Polishing Buffs



Order #	Dia.	Ply	Bore	Stitch	Price
MPB330	3"	30 Ply - 3/8" Running Face	Pin Hole	2 Row	\$2.50
MPB440	4"	40 Ply - 1/2" Running Face	Pin Hole	2 Row	\$4.00
MPB430	*4"	30 Ply - 1/2" Running Face	Pin Hole	2 Row	\$5.50
MPB650	6"	50 Ply - 5/8" Running Face	Pin Hole	2 Row	\$6.00
MPB620	6"	20 Ply - 1/4" Running Face	1/2"	2 Row	\$6.00
MPB621	6"	20 Ply - 1/4" Running Face	1"	Spiral	\$6.00
MPB820	8"	20 Ply - 1/4" Running Face	1"	Spiral	\$9.45
*Cotton Flannel Buff - Use With Rouge					

Silicon Carbide Grinding Wheels



100g			
Order #	Size	Weight	Price
SC1605	6" x 1/2"	4 lbs.	\$48.00
SC1610	6" x 1"	5 lbs.	\$55.00
SC1858	8" x 5/8"	5 lbs.	\$60.00
SC1815	8" x 1-1/2"	8 lbs.	\$95.00
SC1075	10" x 3/4"	8 lbs.	\$100.00

220g			
Order #	Size	Weight	Price
SC2610	6" x 1"	5 lbs.	\$60.00
SC2858	8" x 5/8"	5 lbs.	\$65.00
SC2815	8" x 1-1/2"	5 lbs.	\$105.00
SC2931	9" x 1"	5 lbs.	\$131.25
SC2075	10" x 3/4"	8 lbs.	\$105.00
SC2015	10" x 1-1/2"	11 lbs.	\$105.00

The 9" x 1" Wheel has a recess on the back side and is designed for use with Covington's 16" Horizontal Lap

Cork & Felt Polishing Wheels



Felt			
Order #	Size	Weight	Price
CFW610	6" x 1"	2 lbs.	\$45.00
CFW815	8" x 1-1/2"	3 lbs.	\$110.00
CFW102	10" x 2"	5 lbs.	\$230.00
CFW163	16" x 3"	17 lbs.	\$825.00



Cork			
Order #	Size	Weight	Price
CCW615	6" x 1-1/2"	2 lbs.	\$93.00
CCW815	8" x 1-1/2"	3 lbs.	\$125.00
CCW102	10" x 2"	6 lbs.	\$153.00
CCW163	16" x 3"	8 lbs.	\$175.00

Expandable Drums



Covington's Expandable Drums feature angled slots through the heavy rubber rim which allow the drum to expand when rotated, thereby locking the belt in place. Belts can be quickly changed by stopping the machine, slipping off the old one and sliding on the new one. In use, the resilient drum surface flexes to the gemstones contour to quickly remove grinding flats. Run at a maximum speed of 1725rpm.

Expandable Drums			
Order #	Size	Weight	Price
CED625	6" x 2-1/2"	5 lbs.	\$65.00
CED830	8" x 3"	7 lbs.	\$75.00



Lever-Lock Drums



Covington's Lever-Lock Drums are made of sturdy cast aluminum and balanced to reduce vibration. The 3" rim is covered with sponge rubber. The lock area is threaded for setscrew-operated clamp, just loosen to remove the old cloth and retighten to secure the new. This drum comes with a 220g wet/dry sanding cloth installed. *Specify bore size when ordering, 1/2", 5/8", 3/4", or 1".

8" x 3" Lever-Lock Drum		
Order #	Bore/Thread	Price
LLD452	Smooth Bore 1/2", 5/8", 3/4", or 1"	\$65.00
LLD458	1"-14RHT	\$69.00



Aluminum Heads

Covington's 6", 8", and 10" Aluminum Heads are made from aluminum castings, machined true and balanced for smooth and vibration free operation. The face of each head is covered with resilient rubber. Attach a sanding or polishing disc to the rubber face with "Stick-N-Peel" adhesive and it is ready to use. Allow an additional week for special orders. *Please note when ordering, state left or right hand threads. Not all common thread sizes are listed, but are available for an additional \$10.00 set up fee.

Bore Size	6" Order #	8" Order #	8" No Hub Order #	10" Order #	10" No Hub Order #
1/2" Smooth*	CAH612	CAH812	-	CAH112	-
1/2"-20R or L	CAH620	CAH820	-	CAH120	-
5/8" Smooth*	CAH658	CAH858	-	CAH158	-
5/8" Smooth	-	-	CAH690	-	CAH691
5/8"-18R or L	CAH618	CAH818	-	CAH118	-
3/4" Smooth*	-	CAH834	-	CAH134	-
3/4"-16R or L	-	CAH816	-	CAH116	-
1" Smooth*	-	CAH810	-	CAH110	-
1"-8RH	-	-	-	-	CAH350
1"-14R or L	-	CAH814	-	CAH114	-
Weight	3 lbs.	4 lbs.	4 lbs.	5 lbs.	4 lbs.
Price	\$35.00	\$55.00	\$50.00	\$65.00	\$65.00

*Comes with two set screws



Aluminum Head Accessories

Order #	Description	Weight	Price
CSR406	6" Square Sponge Rubber	1 lb.	\$2.50
CSR408	8" Square Sponge Rubber	1 lb.	\$3.45
CSR410	10" Square Sponge Rubber	1 lb.	\$4.40
CSR325	3" x 25-1/2" Strip Sponge Rubber	1 lb.	\$4.40
CHR406	6" Square Hard Rubber	1 lb.	\$2.50
CHR408	8" Square Hard Rubber	1 lb.	\$3.45
CHR410	10" Square Hard Rubber	1 lb.	\$4.40
FDA041	Feathering Disc Adhesive	1 lb.	\$24.95

All Rubber comes slightly oversized to insure a fit on all disc or wheel sizes. Simply glue with contact cement and cut off excess.



Covington's uses Feathering Disc Adhesive for all "Stick-N-Peel" applications. It is used to attach sanding and buffing discs to a backing plate. This adhesive is easy to apply, and available in 5-ounce tubes.



Dressing Tools



The Covington T-Bar Dresser is an excellent tool for truing silicon carbide wheels.

T-Bar Diamond Dresser		
Order #	Weight	Price
CTB200	1 lb.	\$15.00



The 60g Block will true up the flat face of grinding, smoothing, cork, and felt wheels. After the wheel is true, smooth the face with a 220g Block.

60g Silicon Carbide Block		
Order #	Weight	Price
SCB518	1 lb.	\$12.25



The 220g Block will scour away glaze coating and expose the diamond cutting edges of a saw blade restoring cutting action. *Please note: it may take several cuts to deglaze the blade.

220g Silicon Carbide Block		
Order #	Weight	Price
SCB522	1 lb.	\$12.25



This less aggressive dressing stick is ideal for dressing resin wheels and resin bonded blades.

220g Aluminum Oxide Stick		
Order #	Weight	Price
AOD220	1 lb.	\$6.50

Silicon Carbide Sanding Supplies



3" x 15' Bulk Roll		
Order #	Grit (Please Specify)	Price
WSCR15	100, 220, 400, 600, 800	\$13.25

9" x 11" Sanding Sheets			
Order #	Price Each 1-9	Price Each 10-49	Price Each 50+
WSCR15	\$1.30	\$1.05	\$0.80



*WBL18G fits 6" Expandable Drums & WBL25G fits 8" Expandable Drums

Order #	Size	Price Each 1-9	Price Each 10-49	Price Each 50+
WDD006	6" Disc	\$1.85	\$1.45	\$1.20
WDD008	8" Disc	\$2.25	\$2.00	\$1.75
WDD010	10" Disc	\$3.75	\$3.25	\$2.75

Available in 60, 80, 100, 220, 320, 400, 600, 800, 1000 Grits

Order #	Size	Price Each 1-9	Price Each 10-49	Price Each 50+
*WBL18G	2-1/2" x 18-15/18"	\$2.00	\$1.75	\$1.50
WBL24G	3" x 24"	\$2.50	\$2.25	\$2.00
*WBL25G	3" x 25-7/32"	\$2.75	\$2.50	\$2.25
WBL41G	3" x 41-1/2"	\$4.25	\$3.75	\$3.25
WBL106	4" x 106"	\$11.20	\$9.00	\$7.25

Available in 60, 80, 100, 220, 320, 400, 600, 800, 1000 Grits

Diamond, Cork, Felt, & Leather Discs & Belts



Cork			
Size	Order #	Price	
6" Disc	CPD006	\$4.00	
8" Disc	CPD008	\$7.00	
10" Disc	CPD010	\$8.95	
2-1/2" x 18-15/16" Belt	CPB218	\$5.80	
3" x 24" Belt	CPB324	\$7.35	
3" x 25-7/32" Belt	CPB325	\$11.00	
3" x 41-1/2" Belt	CPB341	\$18.00	

Felt		
Size	Order #	Price
6" Disc	FPD006	\$10.00
8" Disc	FPD008	\$13.00
10" Disc	FPD010	\$23.00
2-1/2" x 18-15/16" Belt	FPB218	\$20.00
3" x 24" Belt	FPB324	\$27.50
3" x 25-7/32" Belt	FPB325	\$30.00
3" x 41-1/2" Belt	FPB341	\$40.00



Leather		
Size	Order #	Price
6" Disc	LPD006	\$3.70
8" Disc	LPD008	\$5.00
10" Disc	LPD010	\$7.75

Diamond (100g-Black, 220g-Purple, 325g-Brown, 600g-Red, 800g-Green, & 1,200g-Blue)		
Size	Order #	Price
6" Disc	DSD006	\$35.00
8" Disc	DSD008	\$55.00
10" Disc	DSD010	\$90.00
2-1/2" x 18-15/16" Belt	DSB218	\$50.00
3" x 24" Belt	DSB324	\$75.00
3" x 25-7/32" Belt	DSB325	\$80.00
3" x 41-1/2" Belt	DSB341	\$130.00

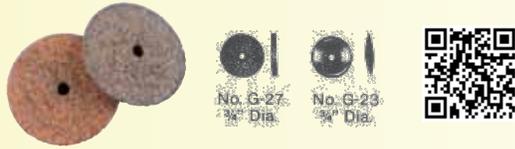
Our new belts and discs feature more diamond! They are color coated for easy recognizability!



NOTE:
 Cork Belts and Discs combined with a mildly abrasive pumice will give glass a hazy polish.
 Diamond Belts and Discs have a longer use life than silicon carbide and can be graded more finely; they are excellent for prepolishing glass and stones.
 Felt Belts and Discs combined with cerium oxide will give glass an optically clear polish.
 Leather is an excellent medium for carrying polish to stones.



Cratex & Aluminum Oxide Wheels



Aluminum Oxide Wheels (medium grit) are used for hard materials. They will fit either the M-1 or M-6 mandrels.

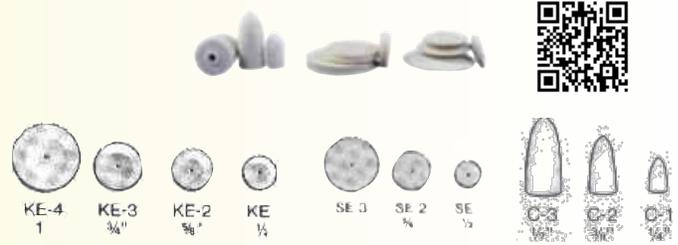
Order #	Description	Size	Price
GGW023	G-23 Tapered Wheel	3/4"	\$1.05
GGW027	G-27 Wheel	3/4"	\$1.05



Cratex Wheels are individual rubber bonded abrasives for polishing, removing rust, etc. These wheels are available in 3 grits: coarse (green), medium (brown), fine (reddish-brown), and fit M-1 or M-6 mandrels. Maximum speed rating of 25,000rpm.

Order #	Description	Size	Price
CWA005	*A-5 Wheel	1-1/2"	\$5.25
CWA001	A-1 Wheel	7/8"	\$0.80
CWA002	A-2 Wheel	5/8"	\$0.60
CWA003	A-3 Tapered Wheel	5/8"	\$0.60
*Only Available in Extra Fine			

Felt Wheels & Points

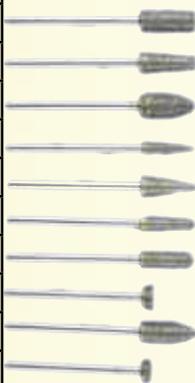


Felt Wheels and Points are used for buffing and polishing hard and soft metals, plastics, and painted surfaces. These are typically used in combination with a compound for desired effect and are excellent for polishing glass with cerium oxide. The wheels and points have a maximum speed rating of 15,000rpm.

Order #	Description	Size	Price
HFC003	C-3 Hard Felt Cones	1/2"	\$1.25
HFC002	C-2 Hard Felt Cones	3/8"	\$1.00
HFC001	C-1 Hard Felt Cones	1/4"	\$0.75
SEW003	SE-3 Square Edge Wheel	1"	\$0.70
SEW002	SE-2 Square Edge Wheel	3/4"	\$0.60
SEW001	SE-1 Square Edge Wheel	1/2"	\$0.50
KEW004	KE-4 Knife Edge Wheel	1"	\$1.35
KEW003	KE-3 Knife Edge Wheel	3/4"	\$1.25
KEW002	KE-2 Knife Edge Wheel	5/8"	\$1.15
KEW001	KE-1 Knife Edge Wheel	1/2"	\$1.05

Sintered Carving Tools

Order #	Shape	Price
DBS114	Cylinder	\$12.00
DBS175	Tapered Cylinder	\$12.00
DBS274	Flame	\$12.00
DBS160	Point	\$12.00
DBS523	Cone	\$12.00
DBS200	Rounded Cone	\$12.00
DBS143	Rounded Cylinder	\$12.00
DBS014	Inverted Cone	\$12.00
DBS276	Bullet	\$12.00
DBS068	Rounded Disc	\$12.00
DBS001	Set of 10	\$100.00



Mandrels



Order #	Description	Size	Price
CSM001	M-1 3/32" Shank	1/16"	\$1.10
CSM003	M-3 3/32" Shank	3/32"	\$1.00
CSM006	M-6 1/8" Shank	1/16"	\$1.10
CSM007	M-7 1/8" Shank	1/8"	\$1.25

Diamond Carving Tools



These excellent quality 1" Diamond Cutting Discs can be used for slicing, grooving, roughing, and carving.

Order #	Description	Weight	Price
CTD001	1" Cutting Disc	1 lb.	\$2.00
CTD005	Set of 5 Discs w/ Mandrel	1 lb.	\$10.00



Swiss Pattern Needle Files



Order #	Description	Weight	Price
SFL001	Set of Six Files	1 lb.	\$9.00
SFL002	Set of Twelve Files	1 lb.	\$17.00
Made of hardened, tempered steel. Swiss Cut #2			

Diamond Jewelers Saw Blades

Order #	Description	Weight	Price Each
DWB040	.040, 120 Mesh, 5" OAL	1 lb.	\$2.00
DWB030	.030, 180 Mesh, 5" OAL	1 lb.	\$2.00



Epoxy

Epoxy 330: A fast setting water clear adhesive that bonds gemstones to metal findings and provides an invisible bond for glass, china, ceramics, stone, metals, and other non-porous materials.

Epoxy 220: A slow setting amber clear adhesive that bonds gemstones to metal findings. It has ultimate tensile strength and resists thermal shock. It is also used in electronic and mechanical industries for superior bonding of non-porous components.



Order #	Description	Price
ACE220	Amber Clear	\$5.00
WCE330	Water Clear	\$5.00

Jewelers Saw Frame



This high-quality Saw Frame is made from tempered tool steel with a reinforced wooden handle. A large thumbscrew mounted on top allows easy tightening adjustments, while an additional adjustment nut at the front end provides an extra tight hold.

Order #	Description	Weight	Price
JSF002	Saw Frame 2-1/2" Depth	2 lbs.	\$18.00
JSF004	Saw Frame 4" Depth	2 lbs.	\$20.00



Jewelry Wire Bender

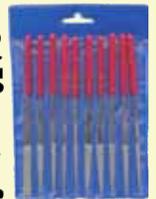
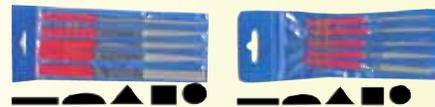


Covington's Jewelry Wire Bender is machined out of a solid piece of aluminum. It features two (2) mounting holes, four (4) removable dowel pins that assist in making almost any design, and a green anodized coating.

Order #	Weight	Price
CJB068	1 lb.	\$15.75



Diamond Needle Files



Order #	Description	Weight	Price
NFP181	180g Five File Set	1 lb.	\$6.00
NFO182	180g Five File Set	1 lb.	\$7.00
NFB183	180g Ten File Set	2 lbs.	\$20.00
NFC184	180g Ten File Set	2 lbs.	\$15.00
NFD185	180g Five File Set	2 lbs.	\$23.00



European Quality Pliers



These lap-joint European Quality Pliers are economically priced.

Chain Nose Pliers:

All purpose pliers with smooth jaws that have slightly rounded edges.

Round Nose Pliers:

Jaws are round and smooth for forming loops in wire.

Flat Nose Pliers:

Flat nose duck bill pliers with smooth jaws.

Order #	Description	Weight	Price
CPL150	Chain Nose Plier	1 lb.	\$6.00
CPL152	Round Nose Plier	1 lb.	\$6.00
CPL154	Flat Nose Plier	1 lb.	\$6.00

Jewelers Saw Blades



The Swiss Acura® SCIES Jeweler's Saw Blades are 5-1/2" in length. These blades are used for cutting all metals, bone, pearl and other hard materials. Round backs make it easy to turn corners and follow curves. The teeth are uniform in size, shape and sharpness to assure fast, easy cutting.

Order #	Size	Thickness	Width	Price Dozen	Price Gross
JSB094	4/0	0.0086"	0.0175"	\$3.15	\$26.00
JSB093	3/0	0.0095"	0.0190"	\$3.15	\$26.00
JSB092	2/0	0.0103"	0.0204"	\$3.15	\$26.00
JSB091	1/0	0.0110"	0.0220"	\$3.15	\$26.00
JSB082	2	0.0134"	0.0276"	\$3.15	\$26.00
JSB083	3	0.0140"	0.0290"	\$3.15	\$26.00
JSB084	4	0.0150"	0.0307"	\$3.15	\$26.00



Playing Cards



This deck of Playing Cards is a great gift idea for the rockhound in your family. Each card features a different rock or mineral.

Order #	Weight	Price
RCARDS	1 lb.	\$5.35



GFCI Plug



This **Ground Fault Circuit Interrupter** is designed with your safety in mind. Just plug your sander or other wet grinder into one of these portable GFCI Plugs and it will trip if it gets wet! This unit plugs right into your outlet effectively converting your outlet to GFCI.

Order #	Weight	Price
CGFCI1	1 lb.	\$30.00

Safety Glasses



Sperian® Millennia Sport™ Protective Eyewear features a polycarbonate, scratch-resistant lens with a curved temple and universal nose bridge. These goggles come with an adjustable, break-away retainer. ANSI Z87.1-2003, CSA Z94.3-2002, 99.9% UV Protection.

Recommended for all grinding applications.

Remember to always wear eye protection.

Order #	Weight	Price
CSE015	1 lb.	\$6.25



Covington Shop Aprons



This waterproof, heavy-duty, wrap-around, full-length Shop Apron is made of vinyl for lasting durability. Tie cords provide universal fit for all sizes. A handy pencil pocket is sewn in. It is light in weight, pliable, and resists cracking in temperatures as low as 32 degrees Fahrenheit. A damp cloth is all that is needed to keep it looking bright and clean.

Order #	Weight	Price
CSA001	1 lb.	\$5.25



Moffatt Task Lamps



Moffatt Lamps Feature:

- 100-watts of bright incandescent light
- Cool outer shade
- Tough 24" durable flex arm
- Innovative heat sink for longer switch life
- Unique quick-coupler base
- White in color and includes mounting bracket

**The Moffatt Task Lamp is designed for rugged, industrial use. It features quality workmanship, durable construction and an innovative design.*

Order #	Dimensions	Weight	Price
CML100	12" x 10" x 8"	8 lbs.	\$65.00



OptiVISORS®

OptiVISORS® Feature:

- Adjustable pivots that allow the visor to be tilted out of the way and at your fingertips when you need magnification
- Adjustable headband conforms to fit all head sizes, fabricated from a special blend of lightweight material, it is comfortable when worn for long periods of time
- High impact visor provides a tough, durable, always new appearance
- Genuine leather comfort band is padded with orthopaedic felts to add comfort

OptiVISORS® feature optical glass prismatic lenses, ground and polished to precision optical standards, with a beveled edge that mounted in an interchangeable plastic frame.



OptiVISORS®			Lens Plates Only	
Order #	Description	Price	Order #	Price
DOL001	OptiLOUPE® Monocular Attachable Lens, adds 2-1/2X to all Models	\$12.00	-	-
DDA002	OptiVISOR® w/Lens Plate - Magnifies 1-1/2X at 20"	\$50.00	DLP002	\$32.00
DDA003	OptiVISOR® w/Lens Plate - Magnifies 1-3/4X at 14"	\$50.00	DLP003	\$32.00
DDA004	OptiVISOR® w/Lens Plate - Magnifies 2X at 10"	\$50.00	DLP004	\$32.00
DDA005	OptiVISOR® w/Lens Plate - Magnifies 2-1/2X at 8"	\$50.00	DLP005	\$32.00
DDA007	OptiVISOR® w/Lens Plate - Magnifies 2-3/4X at 6"	\$52.00	DLP007	\$35.00
DDA010	OptiVISOR® w/Lens Plate - Magnifies 3-1/2X at 4"	\$52.00	DLP010	\$35.00

Water Accessories



Covington's Submersible Pump will pump 200 gallons per hour at 1-foot or 105 gallons per hour at 5-feet.

Water Only Pump		
Order #	Weight	Price
CSP806	5 lb.	\$55.00



Covington's Sander and Grinder Drain Kit comes with 6-feet of PVC and a 3/8" pipe adapter.

Drain Kit		
Order #	Weight	Price
CDK001	3 lb.	\$15.50



Covington's Submersible Pump will pump 200 gallons per hour at 1-foot or 105 gallons per hour at 5-feet.

Water & Oil Pump		
Order #	Weight	Price
CSP805	6 lb.	\$100.00

Water Manifold

Covington's Water Manifold is designed to mount the the side of any Covington machine that requires a constant stream of water utilizing four mounting holes. Four 1/8" Pipe threaded holes allow any combination of water input and output ports. Manifold comes with one (1) brass input valve, 12-inches of loc-line® flexible water tubing, one (1) loc-line® spray nozzle, one (1) loc-line® connector, one (1) loc-line® in-line valve, and two (2) plugs.



Complete Water Manifold (12 inches total)		
Order #	Weight	Price
CWM001	2 lb.	\$29.00

*Extra Loc-line® Flexible Water Tubing 12-inches Complete
-\$12.00

Complete Water Manifold (36 inches total)		
Order #	Weight	Price
CWM002	2 lb.	\$50.00



*Two Lengths of 18" Pictured

Water & Drain Accessories



Order #	Description	Weight	Price
CSN808	Spray Nozzle - Screws onto bottom of L-Valve	1 lb.	\$3.95
BLV488	Single L-Valve - For single wheel hoods and sanders	1 lb.	\$7.40
BLU654	Single L-Union - For connecting L-Valves into manifold	1 lb.	\$4.00
BLU644	Single T-Union - For connecting two or more in a manifold	1 lb.	\$5.25
CPT014	1/4" Tubing - 10' of 1/4" OD polyethylene tubing	1 lb.	\$3.70
CPT058	5/8" Tubing - 10' of 5/8" OD polyethylene tubing	1 lb.	\$6.00
CAT158	Aluminum Tube: 1-5/8" aluminum tube for manifold spacing	1 lb.	\$1.00
CWP001	Water Pad	1 lb.	\$1.00

TIP: Covington's Pressure Tank is an excellent resource for holding water. The tank hooks up to the water valve and supplies fresh water to the sanding unit. Alternately, Covington's Submersible Pump is a low cost option for recirculating your water supply. Just attach plastic tubing to the water valve and sander tank drain and submerge the pump in a bucket of water.



Rock Pry Bar



Order #	Description	Weight	Price
RPB001	Rock Pry Bar	3 lbs.	\$24.00

Diamond Polishing Discs

The Diamond Polishing Discs are flexible, Velcro™ backed polishing discs designed to achieve a scratch-free, highly polished finish on all straight or contoured granite and marble edges. The Velcro™ backing allows for fast disc changes. The disc backs are color-coded for easy grit size identification. The kit includes one disc of each grit and a hard rubber back-plate. Maximum speed is 3700rpm. NOT MK BRAND



Color/Grit	Order #	Weight	Price
Blue/50g	DPP005	1 lb.	\$13.00
Orange/200g	DPP020	1 lb.	\$13.00
Red/500g	DPP050	1 lb.	\$13.00
Green/1000g	DPP100	1 lb.	\$13.00
Light Green/2000g	DPP200	1 lb.	\$13.00
Grey/3000g	DPP300	1 lb.	\$13.00
4" Felt	FPP004	1 lb.	\$40.00
Backing Plate	DBP001	1 lb.	\$24.00
Set of 1 ea. (no felt)	DPS001	3 lbs.	\$90.00



Adhesives



Attack: Dissolves cured epoxy and polyester resins. It is used to separate misaligned bonded materials and for the cleanup of cured resin from metal, stone, glass, wood, and similar materials.

Opticon: Seals and cements fractures. Gives structural strength to soft porous stone and aids in the filling of pits. Sealer is amber clear.

Order #	Description	Weight	Price
OFS224	Opticon Fracture Sealer	2 lbs.	\$24.00
ATK001	8-ounce Attack Epoxy Remover	2 lbs.	\$14.00
ATK002	1/2-Gallon Attack Epoxy Remover	7 lbs.	\$49.00

Rock Hound Tools



ERS004



ERC012



CGP012



ERC008



ERC009



ECHB33



ERP014

Order #	Description	Weight	Price
ERP014	14-ounce Rock Pick	4 lbs.	\$37.00
ERP022	22-ounce Rock Pick	5 lbs.	\$38.00
ERP023	22-ounce Long Handle Rock Pick	5 lbs.	\$42.00
EGP100	Hoe Pick	7 lbs.	\$76.50
ECHB32	2-pound Crack Hammer	4 lbs.	\$36.00
ECHB33	3-pound Crack Hammer	5 lbs.	\$38.00
ECHB34	4-pound Crack Hammer	6 lbs.	\$40.00
ERC008	Rock Chisel	3 lbs.	\$23.00
ERC009	Rock Chisel	3 lbs.	\$23.00
ERC012	Rock Chisel	3 lbs.	\$23.00
ERS003	Belt Sheath #3 Pointed Tip	1 lb.	\$11.00
ERS004	Belt Sheath #4 Chisel Edge	1 lb.	\$11.00
CGP010	10" Steel Gold Pan	4 lbs.	\$6.50
CGP012	12" Steel Gold Pan	4 lbs.	\$8.00
CGP014	14" Steel Gold Pan	5 lbs.	\$9.00
CGP016	16" Steel Gold Pan	6 lbs.	\$11.00



Mitchell. Latest edition shows all major collecting areas with maps and specific collecting details.

Gem Trails of Arizona		
Order #	Retail	Price
GTBCAZ	\$14.95	\$13.45



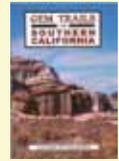
Mitchell. Features sites from the Oregon border south to the Monterey area. Detailed texts and maps make locating and collecting easy.

Gem Trails of Nor. California		
Order #	Retail	Price
GTBNCA	\$12.95	\$11.65



Romaine. A revised and updated edition which includes information for over 100 collecting sites and includes maps and GPS coordinates.

Gem Trails of Oregon		
Order #	Retail	Price
GTBCOR	\$14.95	\$13.45



Mitchell. Latest edition shows all major collecting areas with maps and detailed collecting information.

Gem Trails of So. California		
Order #	Retail	Price
GTBSCA	\$12.95	\$11.65



Romaine. This comprehensive guide includes information on more than 75 collecting sites. Each site includes a map and GPS coordinates.

Gem Trails of Washington		
Order #	Retail	Price
GTBCWA	\$14.95	\$13.45



Rygle & Pedersen. Easy-to-use guide for ins and outs of "fee dig" mining, locations, costs, and trips.

S.W. Gem & Mineral Guide		
Order #	Retail	Price
GTBSGG	\$14.99	\$13.50



Kelty. A necessary accompaniment to the Gem Trails series and other books. Find exact locations using your GPS to over 1200 sites.

GPS Guide to W. Gem Trails		
Order #	Retail	Price
GTBGPS	\$19.95	\$17.95



Ward. Complete guide to finding, collecting, buying, and cutting this popular gem material.

Jade		
Order #	Retail	Price
RIBJAD	\$19.95	\$17.95



Bonewitz. A comprehensive guide to the rocks and minerals of the world.

Smithsonian Rock and Gem		
Order #	Retail	Price
RIBCRG	\$24.95	\$22.45



Brown, Allen, & Stark. A new edition with color illustrations, maps, descriptions, tests, and definitions of materials.

Rocks & Minerals of California		
Order #	Retail	Price
RIBRMC	\$13.95	\$12.55



A pocket book with pictures and written details of composition.

Audubon Society Field Guide		
Order #	Retail	Price
RIBASG	\$19.95	\$17.95



Powell. Educational activities for young mineral collectors. Fun mineral facts, games, and activities.

World of Mineral & Crystal		
Order #	Retail	Price
RIBWMC	\$1.50	\$1.35



Victors. How to tumble polish all popular stones and instructions on baroque jewelry making.

Gem Tumbling & Baroque Jewelry Making		
Order #	Retail	Price
RIBBJM	\$6.50	\$5.85



Wexler. Turn pebbles and stones into sparkling jewels. Also a guide to the type of tumbling equipment available and how to use it correctly.

How to Tumble Polish Gemstones		
Order #	Retail	Price
RIBTPG	\$6.50	\$5.85



Hart. The only complete and up-to-date guide on tumble polishing rocks and stones.

Modern Rock Tumbling		
Order #	Retail	Price
CTBMRT	\$24.95	\$22.45



Jenkins & Thrasher. Instructions and illustrations show how to make pins, pendants, chains, rings, bracelets, earrings, stickpins, and novelty items.

How to Make Wire Jewelry		
Order #	Retail	Price
CJBHWJ	\$6.00	\$5.40



Rock & Gem Magazine		
Order #	Retail	Price
MAGCRG	\$4.99	\$4.50



Jewelry Artist Magazine		
Order #	Retail	Price
MAGCJA	\$6.99	\$6.30



Check our website for additional books that are no longer in print!



Phelps. Instructions on how to fix broken chains and prongs, replace lost parts, reset gemstones, size rings, and much more.

How to Repair Jewelry		
Order #	Retail	Price
CJBHRJ	\$5.00	\$4.50



French. For the hobbyist who prefers purchasing already finished gemstones, mountings, and findings for assembling beautiful jewelry.

Jewelry Craft Made Easy		
Order #	Retail	Price
CJBCE	\$5.95	\$5.35



Soukup. An easy-to-learn method for fabricating soldered jewelry pieces that will keep the novice from getting discouraged. All steps are clearly shown with photos and detailed text.

Jewelry Making for Beginners		
Order #	Retail	Price
CJBMB	\$5.00	\$4.50



Sopcak. A manual that shows how to make the equipment needed as well as how to use it to make patterns, molds, and castings for jewelry and other small metal parts.

Lost Wax or Investment Casting		
Order #	Retail	Price
CJBLWC	\$5.50	\$4.95



Cox. Master special shaped cabochon cutting, assembled stones, star stones, cat's eyes, special sections on opals, and jade.

Advanced Cabochon Cutting		
Order #	Retail	Price
HLBACC	\$6.00	\$5.40



Cox. Illustrations, photos, and detailed instructions will tell and show how to cut a cabochon.

Cabochon Cutting		
Order #	Retail	Price
HLBCCC	\$6.00	\$5.40



Riggle. Subjects include trimming, slabbing, grinding, dopping, smoothing, polishing, equipment accessories, and supplies.

How to Use Diamond Abrasives		
Order #	Retail	Price
HLBHDA	\$5.50	\$4.95



Dake. This book teaches how to buy the rough, cut the gems, choose and use equipment. Detailed instructions and complete illustrations.

The Art of Gem Cutting		
Order #	Retail	Price
HLBAGC	\$6.00	\$5.40



Mitchell. An indispensable guide to rockhounding for amateurs and experienced collectors.

The Rockhound's Handbook		
Order #	Retail	Price
HLBCRH	\$15.95	\$14.35



Ritchie. A guide to making spheres, complete with internet sources, full color pictures, and diagrams.

A Sphere Maker's Craft		
Order #	Retail	Price
CMBASC	\$53.75	\$48.40



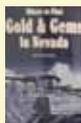
Soukup. This book contains everything one needs to know to facet a gemstone expertly. Shows 22 beautiful cuts.

Facet Cutter's Handbook		
Order #	Retail	Price
CMBFCH	\$5.00	\$4.50



de Lorenzo. The art of panning and sluicing. Maps cover where gold has been found in the western states.

Gold Fever		
Order #	Retail	Price
CPBGOF	\$6.95	\$6.25



Klein. Gold-bearing regions and selected gem and rock hound areas organized by county. Maps, photos, directions, and historical anecdotes.

Where to Find Gold & Gems in Nevada		
Order #	Retail	Price
CPBGGN	\$8.95	\$8.05



Klein. Veteran prospector, miner, and treasure hunter knows those secrets and shares them in this book.

Where to Find Gold in N. California		
Order #	Retail	Price
CPBGNC	\$10.95	\$9.85



Klein. Veteran prospector, miner, and treasure hunter knows those secrets and shares them in this book.

Where to Find Gold in S. California		
Order #	Retail	Price
CPBGSC	\$9.95	\$8.95



Klein. A comprehensive guide to finding gold in the American southwest.

Where to Find Gold in the Desert		
Order #	Retail	Price
CPBCGD	\$9.95	\$8.95



Walker. A guide to working with glass in a kiln.

Contemporary Fused Glass		
Order #	Retail	Price
CGBCFG	\$47.95	\$43.15



Culler. A guide to creating glass art including detailed instructions and techniques to cutting, fusing, and coldworking glass.

Glass Art from the Kiln		
Order #	Retail	Price
CGBGAK	\$50.00	\$45.00



Schmuck. Covers everything from tools and machines, to techniques and aesthetics, a comprehensive guide to coldworking.

The Joy of Coldworking		
Order #	Retail	Price
CGBTJC	\$49.95	\$44.95

Power Feed Replacements

700 Series Power Feed: Kit includes lead screw, bronze gear, overrunning clutch, worm shaft assembly, and 3-step pulley.

1100 Series Power Feed: Kit includes replacement motor, lead screw with over-running clutch, and cut-off switch.

1500 Series Power Feed: Kit includes replacement motor, lead screw with over-running clutch, and cut-off switch.



CBG187



Order #	Description	Weight	Price
CPF700	700 Power Feed	35 lbs.	\$365.00
CPF110	1100 Power Feed	35 lbs.	\$210.00
CPF150	1500 Power Feed	35 lbs.	\$157.50
CBG187	Bronze Gear	1 lb.	\$109.00

Transformers



This **Transformer** changes 220/240V to 110/120V. These voltage converters will handle either 200 or 300 watts or approximately 2 or 3 amps and can run some of our smaller machines in other countries.



Order #	Description	Watts	Weight	Price
CVT200	Voltage Transformer	200W	5 lbs.	\$34.95
CVT300	Voltage Transformer	300W	6 lbs.	\$39.95

Replacement Bearings



Pillow Block Ball Bearings are neoprene sealed and greased for life with a mount spacing of 3-7/16". Ball bearing comes in 1/2", 5/8", 3/4", and 1" bore. *Please specify size when ordering.

Pillow Block Bronze Bearings are self-aligning and feature a large oil reservoir, thick rubber mounting grommets, and mounts spaced 3" apart. Bronze bearing comes in 1/2", 5/8", 3/4", and 1" bore. *Please specify size when ordering.

Order #	Description	Weight	Price
RUBRS1	For 6" Combination Unit	2 lbs.	\$37.00
LRCS16	For 8" Combination Unit	2 lbs.	\$39.50
SRC160	For Vertical Arbors	2 lbs.	\$45.00
SRF160	For 268 Tumbler - 5/8"	2 lbs.	\$32.00
SRF161	For 16" Horizontal Laps - 1"	2 lbs.	\$65.00
SLS700	For 700 Saw Arbors	2 lbs.	\$27.50
PBB025	Pillow Block Ball Bearing	2 lbs.	\$35.70
BPB531	Bronze Pillow Block Bearing	2 lbs.	\$16.85

Flanges & Spacers



CMA205



Left: CMA258
Right: CSS100 & Spacer



Left: CSS275

Right: Stamped Metal Flanges



Milled Aluminum Flanges

Order #	Description	Price	Set Screws	Diameter	Width	Please State Bore Size				
						3/8"	1/2"	5/8"	3/4"	1"
SMF150	Stamped Metal Flange	\$2.35	-	1-1/2"	3/16"	X				
SMF200	Stamped Metal Flange	\$2.65	-	2"	3/16"		X	X		
CDA278	Die Cast Aluminum Flange	\$5.80	-	2-7/8"	7/16"			X	X	X
CCA275	CEC Aluminum Cast	\$8.75	2	2-3/4"	3/4"		X	X	X	X
CMS375	494-495 Wheel Spacer	\$9.95	-	1-3/8"	1/8"			X		
CSS275	Aluminum Flange with Spacer	\$9.95	-	2-3/4"	5/16"			X	X	X
CSS100	Steel Shelby Spacer	\$9.95	-	1-1/2"	1/4" Lip					X
CMA300	3" Milled Aluminum Flange	\$21.00	-	3"	3/8"				X	X
CMA400	4" Milled Aluminum Flange	\$25.00	-	4"	3/8"				X	X
CMA500	5" Milled Aluminum Flange	\$29.00	-	5"	3/8"				X	X
CMA600	6" Milled Aluminum Flange	\$33.00	-	6"	3/8"					X
CMA578	Milled Aluminum for Cork & Felt Unit	\$39.00	-	5-7/8"	3/8"					X
CMA205	Machined Aluminum Flange for 497	\$5.00	2	1-1/2"	5/8"		X			
CMA258	Machined Aluminum Flange for 494-495	\$6.50	2	2"	5/8"			X		



Shaft Adapters & Tapered Spindles



MSAR05



CTS007



SSAR04



LSAL35



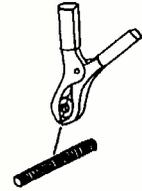
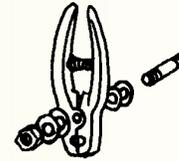
Large Shaft Adapters are a 1"-14 with a left or right hand nut thread. Each has 2" inside backing stop for wheel or buff mount. Adapters come in 1/2", 5/8", or 3/4" bore. *Please specify bore size and thread.

Small Shaft Adapters are a 1/2"-20 with a left or right hand nut thread. This shaft accepts wheels that have a 1/2", 5/8", 3/4" or 1" arbor bore and is 3-1/2" long. *Please specify thread when ordering.

Tapered Spindles hold muslin or felt buffs. The buffs screw onto the taper until tight. Spindles are made with either right or left hand threads. A smooth bore secures the spindle to a smooth shaft with setscrew.

Order #	Description	Weight	Price
LSAR35	Large Shaft Adapter Right	1 lb.	\$23.00
LSAL35	Large Shaft Adapter Left		
SSAR04	Small Shaft Adapter Right	1 lb.	\$12.25
SSAL06	Small Shaft Adapter Left		
MSAR05	1/2" Shaft Adapter Right	1 lb.	\$12.50
MSAL05	1/2" Shaft Adapter Left		
CTS001	1/4" Tapered Spindle Right	1 lb.	\$13.50
CTS002	1/4" Tapered Spindle Left		
CTS003	3/8" Tapered Spindle Right	1 lb.	\$13.50
CTS004	3/8" Tapered Spindle Left		
CTS005	1/2" Tapered Spindle Right	1 lb.	\$13.50
CTS006	1/2" Tapered Spindle Left		
CTS007	5/8" Tapered Spindle Right	1 lb.	\$13.50
CTS008	5/8" Tapered Spindle Left		

Split Plier & Split Clip



The **Split Plier** is designed for use with the #2 Vise & Power Feed 1/2"-13 threaded rod. The 6-1/4" long bronze pliers assembly comes with a spring, pivot stud, lock nut and two (2) each fiber washer and metal wear washer. The **Split Clip** is designed for use with the 1100 & 1500 series saws. The 3" long spring loaded split clip comes with a 5/16"-24 split nut in its jaws.

Order #	Description	Weight	Price
CSP700	1/2"-13 Split Plier	3 lbs.	\$75.00
CSC110	5/16"-24 Split Clip	1 lb.	\$19.00

Ball Bearing Arbors

- CAR14L -- For 8" & 10" Trim Saws
- CAR14R -- For 12" to 16" Combination Saws
- CAR15R -- For 18" to 24" Slab Saws
- CAR16R -- For 8" & 10" Horizontal Laps
- CAR17R -- For 8" & 10" Horizontal Combination Units
- CAR18U -- For all Sanders (Upper)
- CAR19L -- For all Sanders (Lower)



CAR110



CAR120



CAR13R



CAR14R



CAR15R



CAR17R



CAR18U



CAR19L

Order #	Shaft Diameter & Thread Flange End	Shaft Diameter & Length Pulley End	Flange	Maximum Space Between Flanges	Overall Length	Mounting Hole Spacing W x L	Mount Hole Diameter	Weight	Price
CAR110	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$39.90
CAR120	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$39.90
CAR13R	5/8"-18RHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR14R	5/8"-18RHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR14L	5/8"-18LHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR15R	1"-14RHT	1" x 1-1/2" & 3/4" x 1-1/4"	3	1/4"	11-1/2"	3-1/2" x 3-1/4"	3/8"	14 lbs.	\$197.40
CAR16R	1/2"-20RHT	5/8" x 1-3/4"	2	1-1/8"	5-1/2"	3	1/4"	3 lbs.	\$60.00
CAR17R	5/8"-18RHT	5/8" x 1-3/4"	2	1-1/8"	5-1/2"	3	1/4"	3 lbs.	\$60.00
CAR18U	5/8" Smooth	5/8" x 1-3/4"	-	-	5"	3	1/4"	3 lbs.	\$41.00
CAR19L	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$40.00

All Covington Ball Bearing Arbors come with a one year replacement warranty. Call for details.

Motors



Covington's Motors are U.L. listed with a 3-prong switch cord. DANGER: Thermal protected motors will stop if overloaded. If the motor stops, shut-off electrical supply switch, otherwise motor will restart automatically.

*Please state motor model, pulley size, and belt size when ordering.

Order #	hp	rpm	Description	Weight	Price
MTR004	1/20	1550	110V, 60Hz motor with studs mount	6 lbs.	\$110.00
MTR618	1/21	1550	110V, 60Hz motor with studs mount	6 lbs.	\$115.00
MTR580	1/6	1550	110V, 60Hz motor with small base mount	8 lbs.	\$130.00
MTR534	1/3	1725	110V, 60Hz motor, commercial duty, split-phase	16 lbs.	\$169.75
MTR853	1/3	1725	110V, 60Hz motor, capacitor start	20 lbs.	\$273.00
MTR199	1/2	1725	110V, 60Hz or 220V, 50Hz motor, capacitor start and thermal protection	28 lbs.	\$282.75
MTR376	3/4	1725	110V, 60Hz motor, capacitor start and thermal protection	30 lbs.	\$331.50
MTR321	1	1725	110V, 60Hz motor, capacitor start and thermal protection	35 lbs.	\$347.00
MTR922	1	1725	110V, 60Hz motor, capacitor start and no thermal protection	33 lbs.	\$384.00
MTR001	1/20	1550	220V, 50Hz motor with studs mount	6 lbs.	\$120.00
MTR552	1/21	1550	220V, 50Hz motor with studs mount	6 lbs.	\$125.00
MTRH81	1/3	1425	220V, 50Hz motor, commercial duty, split-phase	12 lbs.	\$266.00
ESC732	-	-	8' 18-3 Electric cord with in-line switch	2 lbs.	\$18.00

Pulleys



'A' V-Pulley		
Size	Order #	Price
*1-1/2"	AVP015	\$7.60
*2"	AVP020	\$8.20
*2-1/2"	AVP025	\$8.30
3"	AVP030	\$9.35
3-1/2"	AVP035	\$10.50
4"	AVP040	\$11.80
4-1/2"	AVP045	\$14.05
5"	AVP050	\$15.35
6"	AVP060	\$18.50
8"	AVP080	\$24.70
10"	AVP010	\$38.00
12"	AVP012	\$46.40
Cast Iron Pulleys		
5.60"	SAK560	\$47.15
6.40"	SAK640	\$51.70

Pulleys are 1/2" wide. * Indicates pulleys which are only available in 1/2" or 5/8". Other pulley sizes are available. Call for quote and availability.

V-Belts



'A' V-Belts					
Length	Order #	Price	Length	Order #	Price
21"	A4L210	\$6.50	39"	A4L390	\$9.05
23"	A4L230	\$6.50	40"	A4L400	\$9.05
25"	A4L250	\$6.50	41"	A4L410	\$9.20
26"	A4L260	\$6.50	42"	A4L420	\$9.20
27"	A4L270	\$6.50	43"	A4L430	\$9.85
28"	A4L280	\$6.50	44"	A4L440	\$9.85
29"	A4L290	\$6.60	45"	A4L450	\$10.25
30"	A4L300	\$6.85	46"	A4L460	\$10.25
31"	A4L310	\$7.45	47"	A4L470	\$10.50
32"	A4L320	\$7.55	48"	A4L480	\$10.50
33"	A4L330	\$7.70	49"	A4L490	\$10.70
34"	A4L340	\$8.05	54"	A4L540	\$11.25
35"	A4L350	\$8.25	55"	A4L550	\$11.35
36"	A4L360	\$8.25	57"	A4L570	\$11.60
37"	A4L370	\$8.60	58"	A4L580	\$11.70
38"	A4L380	\$8.60	59"	A4L590	\$11.85

Shipping - 1 lb. each *Please note that other belt sizes are available, call for a quote and availability

Variable Speed Pulleys



Order #	Description	Weight	Price
SCZ400	2" - 3" x 1/2", 5/8", or 3/4"	2 lbs.	\$24.15
SCZ500	3" - 4" - 5" x 1/2" or 5/8"	3 lbs.	\$38.30
SCZ501	3" - 4" - 5" x 1"	3 lbs.	\$45.00
SCZ630	4" - 5" - 6" x 5/8"	3 lbs.	\$54.80
TBR030	*Variable-speed pulley	5 lbs.	\$96.50

Crown Pulleys



Order #	Weight	Price
CFP309	2 lbs.	\$42.50

Dopping Supplies



Extra Copper Dop Pot		
Order #	Weight	Price
CDP084	1 lb.	\$21.00



Green Dop Wax: Has been the industry standard for many years. It has a very strong bond and softens at 150 degrees Fahrenheit.

1 lb. Green Dop Wax		
Order #	Weight	Price
CDW624	2 lbs.	\$15.00



Black Dop Wax: Black facet wax is an extra strong, high temperature wax that softens at 170 degrees Fahrenheit.

1 lb. Black Dop Wax		
Order #	Weight	Price
CDW625	2 lbs.	\$15.00



Covington's Electric Dop Stove comes complete with a removable copper pot. Operates on 110V, 60Hz current and consumes no more power than a 50-watt bulb. Allow 15 minutes for dop wax to reach the proper temperature. Dop stove will maintain the proper temperature for as long as it is in operation. This unit can also be used as a pickling pan and wax heater for silversmiths and jewelry designers.



EDS083 Pictured

110V Electric Dop Stove		
Order #	Weight	Price
EDS083	3 lbs.	\$54.00



HDS625

Dop Sticks: A set of ten (10) 4" long hardwood sticks comes with 2-each; 1/8", 1/4", 5/16", 3/8", and 1/2" diameters.

Hard Wood Dop Sticks		
Order #	Weight	Price
HDS625	1 lb.	\$3.50



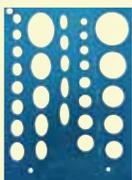
Gem Templates

Covington's Gem Templates are a basic piece of lapidary hardware used to scribe cabochon shapes on rock slabs prior to trim sawing. The colorful, easy-to-recognize, .030 thick, anodized aluminum templates are rigid, and excellent for quick measuring or stenciling. Both sides of a cabochon may be scribed by placing a slab between two connected templates (doubles) and outlining each side. Grinding proceeds faster and more accurately using this method.

Covington's Rock Marking Template is great for creating all varieties of squares and rectangles from 1mm to 5cm using easy-to-adjust knurled aluminum nuts.



Rock Marking Template



CGT325



CGD326



CGT327



Order #	Description	Weight	Price
CGT325	Single Blue Template	1 lb.	\$6.00
CGD325	Double Blue Template	1 lb.	\$13.00
CGT326	Single Gold Template	1 lb.	\$6.00
CGD326	Double Gold Template	1 lb.	\$13.00
CGT327	Single Red Template	1 lb.	\$6.00
CGD327	Double Red Template	1 lb.	\$13.00
CGT328	Set of 3 Single Aluminum Templates w/ Scribing Pencil	1 lb.	\$17.00
CPT345	Plastic Blue Template	1 lb.	\$4.00
CPT346	Plastic Gold Template	1 lb.	\$4.00
CPT347	Plastic Red Template	1 lb.	\$4.00
CPT348	Set of 3 Plastic Templates w/ Scribing Pencil	1 lb.	\$11.00
CRM350	Rock Marking Template	1 lb.	\$6.00
TAP626	Aluminum Scribing Pencil	1 lb.	\$1.30

Diamond Blade Koolerants



This general purpose Koolerant is designed for use when cutting any size rock up to a 6 on the Mohs hardness scale or that responds to a low/medium heat factor at blade contact. This clean-to-use Koolerant is non-flammable. Add 9 parts of water to each part of Covington's concentrated diamond blade Koolerant #1. Mix well before pouring into the saw.



#1 Koolerant			
Order #	Size	Weight	Price
CK1016	Quart	6 lbs.	\$6.50
CK1100	Gallon	10 lbs.	\$22.00
CK1500	5-Gallon	42 lbs.	\$100.00

Covington's #2 Koolerant is designed for cutting large pieces of hard or dense rock. This Koolerant is an excellent choice for cutting any size rock that requires a high heat factor at blade contact because of the raised flashpoint. Add 9 parts of light form oil (Rock Hound Oil, mineral oil, etc.) to each part of Covington's concentrated diamond blade Koolerant #2. Mix well before pouring into the saw.



#2 Koolerant			
Order #	Size	Weight	Price
CK2016	Quart	6 lbs.	\$6.50
CK2100	Gallon	10 lbs.	\$22.00
CK2500	5-Gallon	42 lbs.	\$100.00

New!



#3 Koolerant: Kool Lube			
Order #	Size	Weight	Price
CK3016	Quart	6 lbs.	\$15.00
CK3100	Gallon	10 lbs.	\$50.00
CK3500	5-Gallon	49 lbs.	\$240.00

Koolerant #3 - Kool Lube is a brand new 100% synthetic, biodegradable koolerant free of phenols, nitrates, sulphur, chlorine, phosphates, nitrosamines, and oil. Mix Koolerant #3 with water; Koolerant contains rust inhibitors.

Rockhound Oil			
Order #	Size	Weight	Price
RHO016	Quart	6 lbs.	\$7.50
RHO100	Gallon	10 lbs.	\$22.00
RHO500	5-Gallon	42 lbs.	\$90.00



Rockhound Oil is one of the finest coolants on the market. This mineral based oil has no distasteful odor and features excellent cooling properties that extend the life of the blade and saw. Covington recommends this oil for all saws over 10" or for cutting hard stone. A high flashpoint of 230 degrees Fahrenheit ensures safe operation in all conditions.

Saw Size Chart

Chart determines the saw size required to cut rough rock. These recommendations are made to allow the most efficient cutting while offering the longest blade life. Larger rocks than those specified can be cut, but the surface area of the blade will receive greater wear.

Rock Diameter	Blade Diameter
Up to 2"	6" to 8"
Up to 3"	10"
3" to 4"	12"
3" to 5"	14"
3" to 6"	16"
3" to 7"	18"
3" to 8"	20"
3" to 10"	24"
3" to 12"	30"
3" to 15"	36"

RPM Chart

Diameter	RPM
6"	1910-2870
8"	1430-2150
10"	1150-1720
12"	960-1430
14"	820-1230
16"	720-1070
18"	640-960
20"	570-860
24"	480-720
30"	380-570

When cutting slabs, run the blade between 3,000SFM & 4,500SFM. Use the chart to view acceptable speeds in relation to blade size.

Covington saws are "Immersion Type" wherein the diamond blade runs in a reservoir of cooling fluid. The Koolerant mix should stand up 1/4" to 3/8" on the bottom of the blade. **Please Note: For 1100 Series Saws, the tank dimensions are the same for all three. The larger blades reach lower in the tank and therefore need less Koolerant. That being said, it is always smart to order a little extra oil so as to have some on hand when it is time to clean the old oil.** The formula for determining the amount of fluid needed is stated as follows in inches, Length x Width x Depth / 231 (cubic inches per gallon). See the following chart for the approximate amount of fluid needed to fill a tank to the proper level.

Trim Saws		1100 Series Combo Saws		700 Series Slab Saws		Slab Saws	
Saw Size	Amount	Saw Size	Amount	Saw Size	Amount	Saw Size	Amount
6"	1 quart	12"	6-1/2 gallon	18"	5-1/2 gallon	30"	22 gallon
8"	1/2 gallon	14"	4-1/2 gallon	20"	7-1/2 gallon	36"	23-1/4 gallon
10"	1/2 gallon	16"	2-1/4 gallon	24"	9-1/2 gallon	-	-

Fluid amounts are approximations and will vary depending blade and saw, please use chart as guidelines for purchase

Buff & Polish Chart

INTRODUCTION

1. Many stones polish equally well with several buff and polishing compound combinations. A very hard gem can be polished by a much softer polish powder. Only one polishing agent should be used on a buff.
2. Polishing does not remove any material from the surface. If scratches develop, the stone must be re-sanded.
3. It is impossible to obtain a high glossy finish on very soft materials, especially if they tend to be slightly porous, fibrous, or granular. As a last resort with this type of material, a finish gloss can be given by the use of spray varnish.

BUFFS

Material	Buff					Polishing Compound				
	Canvas	Phenolic	Felt	Leather	Muslin	Cerium Oxide	Chrome Oxide	Diamond	Linde 'A'	Tin Oxide
Agate		C	A	B		A-B		C		
Amethyst		C	A	B		A-B		C		
Beryl		D	A	B-C		A	C	D	B	
Calcite				B	A					A-B
Chloastrolite			A			A				
Feldspar			A			A				
Garnet		C	A-B			B	A	C		
Glass			A			A				
Goldstone			A			A				
Hematite	B				A	A			B	
Howlite			A	B					B	A
Jadeite				A-B	C		B		A	C
Jasper			A	B		A			B	
Lapis Lazuli				A-B			B		A	
Malachite				A-B			B		A	
Nephrite-Jade				A-B	C		B		A	C
Obsidian			A			A				
Opal-Australian			A		B	A				B
Opal-Mexican		A						A		
Psilomelane				A-B					A	B
Petosky Stone	A									A
Quartz		C	A	B		A-B		C		
Rhodochrosite				A-B					A	B
Rhodonite				A-B		B			A	
Serpentine				A-B					A	B
Sodalite			A			A				
Thomsonite			A			A				
Tigers Eye				A					A	
Tourmaline	C			A-B			B	C	A	
Turquoise				A-B					A	B
Unakite			A			A				
Variscite			B-C	A		B			A	C
Wonderstone			B-C	A					A	C
Match letters across rows for best combinations										

Canvas: Canvas is useful when polishing heat-sensitive stones because it develops very little friction.

Muslin: Muslin buffs are recommended for soft stones and gems that are heat-sensitive.

Leather: Leather is a versatile buffing material that is both efficient and economical. Leather generates heat, but not as much as felt.

Felt: Felt is useful for polishing glass and stones of even texture. It is not recommended for gemstones that under cut. Friction on felt generates heat rapidly.

Phenolic: Phenolic tools or phenolic lap disc (cab laps) are useful when impregnated with diamond grit. 14,000 Micron (pre-polish) or 50,000 Micron (polish) diamond compound can be applied to the surface of the gemstone and worked with a phenolic carving tool. It can also be applied to the surface of a phenolic lap disc and worked with the gemstone mounted at the end of a dop stick. The diamond will charge the phenolic plate making smoothing and polishing easier.

POLISHING COMPOUNDS

Cerium Oxide: Covington cerium oxide will polish at a faster rate than conventional polishing compounds and produce a superior optical lens surface with no staining or caking. Because it will polish faster, a lower concentration can be used. It is recommended for use on leather, felt, polyurethane foams, and thermoplastic polishing pads. It is a favored polish for quartz type minerals and other gemstone types. It is not recommended for gemstones that will under cut.

Linde "A": A .3 micron aluminum powder that is carefully graded for uniformity of grain size. It is excellent for polishing stones that will under cut. Excellent for hard to polish stones.

Chromium Oxide: Chromium oxide is a hard polishing agent. It is green in color and stains badly. It is useful for polishing jade and stones that will under cut.

Tin Oxide: Tin oxide is an excellent general-purpose polish. It is used to provide a final high gloss finish.

Diamond: Diamond grit is the most efficient polishing medium. It is especially useful for polishing difficult-to-polish stones.

Mohs Scale of Mineral Hardness

Diamond	10	Demantoid	6-1/2-7	Actinolite	5-1/2-6	Fluorite	4-4-1/2
Ruby	9	Fossilized-Wood	6-1/2-7	Anatase	5-1/2-6	Barytocalcite	4
Sapphire	9	Heliotrope	6-1/2-7	Beryllonite	5-1/2-6	Magnesite	4
Alexandrite	8-1/2	Jadeite	6-1/2-7	Elaeolite	5-1/2-6	Rhodochrosite	4
Chrysoberyl	8-1/2	Jasper	6-1/2-7	Hauynite	5-1/2-6	Dolomite	3-1/2-4-1/2
Rhodozite	8	Kornerupine	6-1/2-7	Periclase	5-1/2-6	Chalybite	3-1/2-4-1/2
Spinel	8	Peridot	6-1/2-7	Psilomelane	5-1/2-6	Aragonite	3-1/2-4
Taaffeite	8	Sard	6-1/2-7	Sodalite	5-1/2-6	Azurite	3-1/2-4
Topaz	8	Tanzanite	6-1/2-7	Brazilianite	5-1/2	Cuprite	3-1/2-4
Yag	8	Zoisite	6-1/2-7	Chromite	5-1/2	Chalcopyrite	3-1/2-4
Aquamarine	7-1/2-8	Idocrase	6-1/2	Enstatite	5-1/2	Malachite	3-1/2-4
Beryl	7-1/2-8	Saussurite	6-1/2	Leucite	5-1/2	Sphalerite	3-1/2-4
Emerald	7-1/2-8	Sinhalite	6-1/2	Moldavite	5-1/2	Cerussite	3-1/2
Gahnite	7-1/2-8	Smaragdite	6-1/2	Natrolite	5-1/2	Howlite	3-1/2
Painite	7-1/2-8	Sillimanite	6-7-1/2	Willemite	5-1/2	Witherite	3-1/2
Phenacite	7-1/2-8	Cassiterite	6-7	Scapolite	5-6-1/2	Coral	3-4
Almandine	7-1/2	Epidote	6-7	Cancrinite	5-6	Pearl	3-4
Andalusite	7-1/2	Hiddenite	6-7	Diopside	5-6	Anhydrite	3-3-1/2
Euclase	7-1/2	Kunzite	6-7	Hypersthene	5-6	Celestine	3-3-1/2
Hambergite	7-1/2	Amazonite	6-6-1/2	Limenite	5-6	Barite	3
Uvarovite	7-1/2	Aventurine	6-6-1/2	Lapis Lazuli	5-6	Calcite	3
Andradite	7-7-1/2	Feldspar	6-6-1/2	Lazulite	5-6	Wulfenite	3
Cordierite	7-7-1/2	Benitoite	6-6-1/2	Tantalite	5-6	Jet	2-1/2-4
Danburite	7-7-1/2	Ekanite	6-6-1/2	Turquoise	5-6	Crocoite	2-1/2-3
Garnet	7-7-1/2	Labradorite	6-6-1/2	Datolite	5-5-1/2	Garnierite	2-1/2-3
Iolite	7-7-1/2	Moonstone	6-6-1/2	Obsidian	5-5-1/2	Phosgenite	2-1/2-3
Rhodolite	7-7-1/2	Nephrite	6-6-1/2	Sphene	5-5-1/2	Gaylussite	2-1/2
Staurolite	7-7-1/2	Orthoclase	6-6-1/2	Thomasonite	5-5-1/2	Proustite	2-1/2
Tourmaline	7-7-1/2	Petalite	6-6-1/2	Apatite	5	Pseudophite	2-1/2
Amethyst	7	Prehnite	6-6-1/2	Augelite	5	Serpentine	2-1/2
Citrine	7	Pyrite	6-6-1/2	Dioptase	5	Chrysocolla	2-5-1/2
Dumortierite	7	Rutile	6-6-1/2	Glass	5	Ivory	2-4
Prasiolite	7	Strontium	6-6-1/2	Hemimorphite	5	Amber	2-3
Rock-Crystal	7	Titanate	6-6-1/2	Smithsonite	5	Meerscham	2-2-1/2
Smoky-Quartz	7	Amblygonite	6	Wardite	5	Alabaster	2-2-1/2
Rose-Quartz	7	Bytownite	6	Kyuanite	4-1/2-7	Ulexite	2
Tigers-Eye	7	Sanidine	6	Apophyllite	4-1/2-5	Vivianite	1-1/2-3
Zircon	6-1/2-7-1/2	Thulite	6	Scheelite	4-1/2-5	Stichtite	1-1/2-2-1/2
Agate	6-1/2-7	Tugtupite	6	Zincite	4-1/2-5	Sulphur	1-1/2-2
Axinite	6-1/2-7	Hematite	5-1/2-6-1/2	Colemanite	4-1/2		
Chalcedony	6-1/2-7	Opal	5-1/2-6-1/2	Kurnakovite	4-1/2		
Chloromelanite	6-1/2-7	Rhodonite	5-1/2-6-1/2	Purpurite	4-1/2		
Chrysoprase	6-1/2-7	Tremolite	5-1/2-6-1/2	Variscite	4-5		

Pulley Speed Chart

1725rpm motors	Driven Pulleys									
Drive Pulley OD	1-1/2"	1-3/4"	2"	3"	4"	5"	6"	8"	10"	12"
1-1/2"	1725	1440	1230	785	575	455	380	280	220	185
1-3/4"	2070	1725	1475	940	690	545	450	335	265	220
2"	2410	2010	1725	1100	805	635	626	390	310	255
3"	3800	3160	2700	1725	1265	1000	825	615	485	405
4"	5180	4310	2695	2360	1725	1360	1125	835	655	550

Read speed data chart by bringing the vertical drive pulley size and the horizontal driven pulley size together for the given rpm. Example: 2" drive pulley and 3" driven pulley equals 1100rpm. Data is approximate.

FedEx Ground Rate Chart

(Please use these rates as a guideline)

Covington charges exact FedEx charges from 92374. current rates available @ www.fedex.com

Weight	Price								
1 lb.	\$10.61	11 lbs.	\$17.41	21 lbs.	\$26.52	31 lbs.	\$36.30	41 lbs.	\$44.34
2 lbs.	\$11.79	12 lbs.	\$18.38	22 lbs.	\$27.55	32 lbs.	\$37.31	42 lbs.	\$44.96
3 lbs.	\$12.74	13 lbs.	\$19.38	23 lbs.	\$28.54	33 lbs.	\$38.25	43 lbs.	\$45.69
4 lbs.	\$13.44	14 lbs.	\$20.33	24 lbs.	\$29.55	34 lbs.	\$39.24	44 lbs.	\$46.14
5 lbs.	\$13.99	15 lbs.	\$21.21	25 lbs.	\$30.54	35 lbs.	\$40.20	45 lbs.	\$46.86
6 lbs.	\$14.19	16 lbs.	\$21.76	26 lbs.	\$31.46	36 lbs.	\$40.94	46 lbs.	\$47.59
7 lbs.	\$14.51	17 lbs.	\$22.67	27 lbs.	\$32.44	37 lbs.	\$41.68	47 lbs.	\$48.31
8 lbs.	\$15.02	18 lbs.	\$23.63	28 lbs.	\$33.46	38 lbs.	\$42.39	48 lbs.	\$49.03
9 lbs.	\$15.78	19 lbs.	\$24.60	29 lbs.	\$34.38	39 lbs.	\$43.20	49 lbs.	\$49.75
10 lbs.	\$16.63	20 lbs.	\$25.61	30 lbs.	\$35.39	40 lbs.	\$43.87	50 lbs.	\$50.46

These prices may vary depending on zone, fuel surcharges, FedEx rate changes, and/or service requested

Place in an envelope and send to:
Covington Engineering
Attn: Sales
715 West Colton Avenue
Redlands, CA 92374

USPS Priority Mail Rate Chart

(Please use these rates as a guideline)

Covington charges exact USPS charges from 92374. Current rates available @ www.usps.com

Weight (Not Over)	Zones 1 & 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
1 lb.	\$5.60	\$5.70	\$5.85	\$6.00	\$6.20	\$6.45	\$6.95
2 lbs.	\$5.80	\$6.15	\$6.85	\$8.75	\$9.50	\$10.25	\$11.25
3 lbs.	\$6.60	\$7.60	\$8.75	\$10.60	\$12.00	\$12.75	\$15.25
4 lbs.	\$7.45	\$8.90	\$10.05	\$14.05	\$15.40	\$16.45	\$18.35
5 lbs.	\$8.85	\$10.20	\$11.50	\$15.95	\$18.70	\$18.90	\$21.20

These prices may vary depending on zone, fuel surcharges, USPS rate changes, and/or service requested.
Insurance may be added to order. For larger orders, a \$2.50 postal fee may be added.