

CUTTING TOOLS

FOREDOM CERAMCUT BLUE™ STONES

Ceramic grain abrasive is a non-fused, ceramic aluminum oxide that is extremely tough in all grades, providing exceptional durability and cutting rate. Mounted on 3/32" shafts. All are 120 grit except as marked. All are \$2.40 ea.

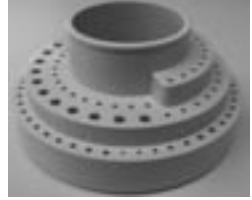
Order #	Dia.	
#CK300	1/4"	
(80 grit)		
#CK301	3/16"	
#CK302	1/8"	
#CK318	5/32"	
(80 grit)		
#CK322	1/8"	
#CK332	1/8"	
#CK342	5/64"	
#CK352	3/32"	
#CK392	3/32"	
#CK350	1/4"	
#CK356	1/4"	
(60 grit)		
#CK360	1/2"	
#CK380	1/2"	
#CK390	1/8"	

#HK29 Kit of 9 Blue Stones..... \$19.95
(CK300, 301, 302, 318, 322, 332, 342, 352, 392)

ROTATING BUR HOLDERS

Stores 92 - 1/8" burs
13 - 1/4" burs
7 - 1/16" to 5/32" burs

It's 3" deep x 2 3/4" dia. center cup holds small tools such as files and screwdrivers.
Measures 7" wide x 4" high.



#10082..... \$14.95



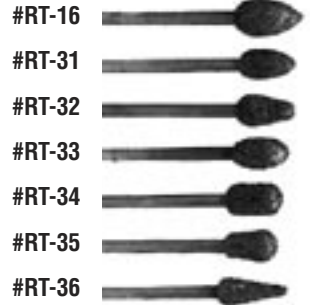
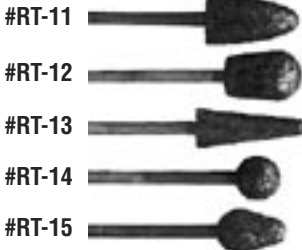
DELUXE ROTARY BIT STORAGE CASES

When lid is snapped shut, bits will stay in place even when upside down. Made of high density polyethylene. Available in three models.

#TC200A Holds 186- 3/32" bits & 62- 1/8" bits..... \$20.95
#TC200 Holds 155- 3/32" bits, 62- 1/8" bits & 16- 1/4" bits..... \$20.95
#TC250 Holds 155- 1/4" bits..... \$20.95

RUBY TRIMMERS

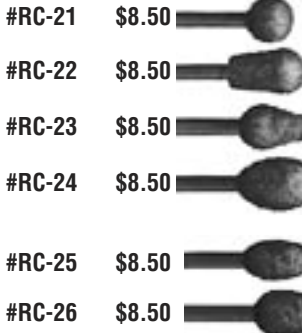
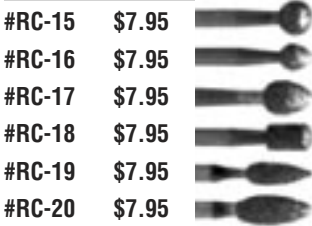
80 Grit \$8.50 ea.
3/32" shank



RUBY CARVERS

Made from genuine rubies for long-lasting, efficient operation. Carve and trim intricate patterns—even in tight places. Just a light touch gives a highly controlled, satin-smooth finish. Unique design dissipates heat build-up while cutting surface resists clogging. The choice of professionals everywhere! 3/32" shanks. 130 grit.

Order # Price ea.



CUTTING TOOLS

TYPHOON BURS

Rotary burs feature open cutting action to make the art of carving more enjoyable. For use on wood, fiberglass, plastic, and rubber. A variety of shapes and sizes are provided to satisfy your performance expectations. These high quality burs offer:

- Rapid stock removal
- Resistance to loading
- Longer life
- Smoother finishes

Maximum speed rating: 25,000 RPM.

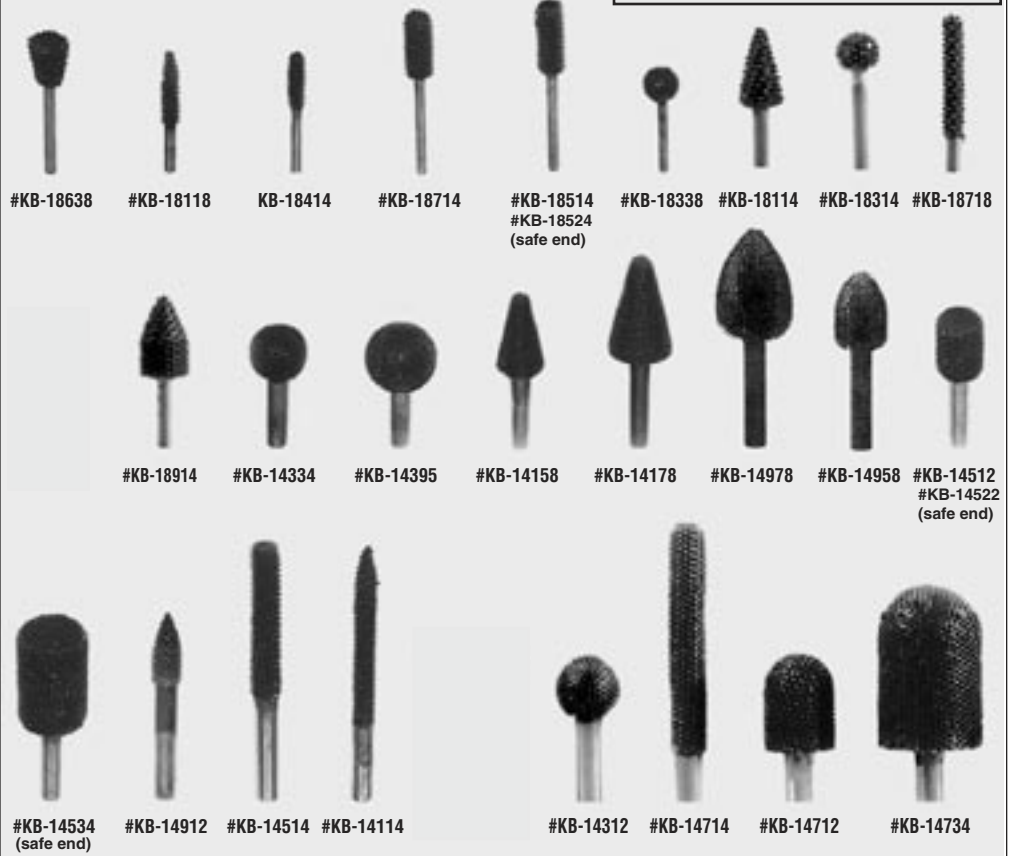
**(NOTE: Shown smaller than actual size.
See information below for head dimensions.)**

IMPORTANT—SPECIFY: RED (COARSE) or BLUE (FINE)



Taper (Safe End) available in red only

1/4" shank **KB-14198**\$19.00 ea.



- 1/8" Shanks:**
- #KB-18114 Taper (5/16" w x 1/2" h)\$15.25 ea.
 - #KB-18118 Taper (3/16" w x 3/4" h)..... \$15.25 ea.
 - #KB-18314 Sphere (5/16")..... \$15.25 ea.
 - #KB-18338 Sphere (7/16" diam.)..... \$15.25 ea.
 - #KB-18414 Bud (5/16" w x 3/4" h)\$15.25 ea.
 - #KB-18514 Cylinder (1/4" w x 1/2" h) \$15.25 ea.
 - #KB-18524 (same as above with safe end)..... \$15.25 ea.
 - #KB-18638 Dove Tail (7/16" w x 1/2" h) \$15.25 ea.
 - #KB-18718 Ball nose (3/16" w x 7/8" h)\$15.25 ea.
 - #KB-18714 Ball nose (5/16" w x 1/2" h)\$15.25 ea.
 - #KB-18834* Rotor saw (11/16" w x 3/16" h).....\$15.25 ea.
 - #KB-18914 Flame (7/16" w x 5/8" h)\$15.25 ea.

- 1/4" Shanks:**
- #KB-14114 Taper (5/16" w x 1 1/2" h) \$17.75 ea.
 - #KB-14158 Taper (9/16" w x 1" h)..... \$17.75 ea.
 - #KB-14178 Taper (13/16" w x 1-3/8" h) \$19.00 ea.

- #KB-14312 Sphere (9/16").....\$17.75 ea.
- #KB-14395 Sphere (15/16" diam.)\$23.75 ea.
- #KB-14512 Cylinder (9/16" w x 3/4" h) \$17.75 ea.
- #KB-14522 (same as above with safe end)
(Red Only) \$17.75 ea.
- #KB-14514 Cylinder (5/16" w x 1-3/4" h) \$17.75 ea.
- #KB-14533* Cylinder (9/16" w x 1 1/4" h)
(Blue Only)..... \$17.75 ea.
- #KB-14534 Cylinder (13/16" w x 1-1/4" h)..... \$19.00 ea.
- #KB-14544 (same as above with safe end)
(Red Only)..... \$19.00 ea.
- #KB-14714 Ball nose (5/16" w x 1-3/4" h)\$17.75 ea.
- #KB-14712 Ball nose (9/16" w x 3/4" h)\$17.75 ea.
- #KB-14734 Ball nose (13/16" w x 1-1/4" h).....\$19.00 ea.
- #KB-14912 Flame (3/8" w x 3/4" h)\$16.75 ea.
- #KB-14958 Flame (5/8" w x 1-1/16" h).....\$19.00 ea.
- #KB-14978 Flame (7/8" w x 1-3/8" h).....\$19.95 ea.
- #KB-14897* Rotor saw (1-5/16" w x 3/16" h)
(Red Only)..... \$21.35 ea.

CUTTING TOOLS

CARBIDE CUTTERS

1/4" shank

Medium wood removal

Order#	Price
#AS-B375	\$16.00
#AS-G375	\$21.75
#AS-T375	\$20.50
#AS-C375	\$18.95
#AS-A375	\$17.75
#AS-R375	\$19.25
#AS-R500	\$28.50
#AS-C375A	\$24.75
#AS-C500	\$29.95



B375 G375 T375 C375 A375 R375 R500 C375A C500A

Heavy Wood Removal

#AS-NCB375	\$27.50
#AS-NCB500	\$30.50
#AS-NCA375	\$24.75
#AS-NCA500	\$38.75
#AS-NCR375	\$26.95
#AS-NCR500	\$39.95
#AS-NCC500A	\$41.95



NCB375 NCB500 NCA375 NCA500 NCR375 NCR500 NCC500A

ULTRA CUTTER

1/4" shank. Cutting surface tapers down from 1/2" diameter.

1-1/2" long.

#Ultra 1\$33.25



CARBIDE BURS

Standard and Double Cut Carbide Burs for easy material removal and a smooth finish. These burs are ideal for use on hardwoods and most metals including stainless steel, steel alloys, cast iron, etc. For use with any of Freedom's flexible shaft machines and handpieces with 1/8" collet or chuck.

1/8" Shanks.




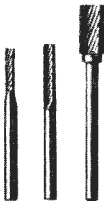

Maximum Speed Rating for 1/8" Cutter Diameter: 100,000 RPM;





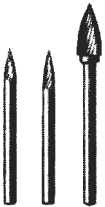

1/4" Cutter Diameter: 35,000 RPM.

CROSS CUT VERSION AVAILABLE:

Specify cross cut by adding "C" to the part number.

Example: B-1C is cross cut version of B-1 body.

				
Cross cut version	Ball	Cone	Cylinder Square	Cylinder Radius
Part No.	B-1 B-2	CO-1 CO-2 CO-3	CP-1 CP-2 CP-3	CR-1 CR-2 CR-3
Cutter Diam"	1/8 1/4	1/8 1/8 1/4	3/32 1/8 1/4	3/32 1/8 1/4
Cutter Lgth"	— —	11/32 5/8 1/2	7/16 9/16 1/2	7/16 9/16 1/2
Price Each	8.25 12.95	8.25 8.25 12.95	8.25 8.25 12.95	8.25 8.25 12.95

					
Flame	Inverted Cone	Oval	Taper	Tree Point	Tree Radius
Part No.	F-1 IC-1 IC-2	OV-1 OV-2	T-1	TP-1 TP-2 TP-3	TR-1 TR-2 TR-3
Cutter Diam"	1/8 1/8 1/4	1/8 1/4	1/8	1/8 1/8 1/4	1/8 1/8 1/4
Cutter Lgth"	1/4 3/16 1/4	7/32 3/8	3/8	1/4 3/8 1/2	1/4 1/2 1/2
Price Each	8.25 8.25 12.95	8.25 12.95	8.25	8.25 8.25 12.95	8.25 8.25 12.95

CUTTING TOOLS

CARBIDE CUTTERS

1/4" shank

Medium wood removal

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#AS-T375	\$20.50
#AS-C375	\$18.95
#AS-A375	\$17.75
#AS-R375	\$19.25
#AS-R500	\$28.50
#AS-C375A	\$24.75
#AS-C500	\$29.95



Heavy Wood Removal

#AS-NCB375	\$27.50
#AS-NCB500	\$30.50
#AS-NCA375	\$24.75
#AS-NCA500	\$38.75
#AS-NCR375	\$26.95
#AS-NCR500	\$39.95
#AS-NCC500A	\$41.95



ULTRA CUTTER

1/4" shank. Cutting surface tapers down from 1/2" diameter.

1-1/2" long.

#Ultra 1.....\$33.25



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1/8" Shanks.






Maximum Speed Rating for 1/8" Cutter Diameter: 100,000 RPM;






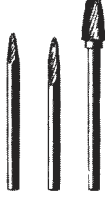
1/4" Cutter Diameter: 35,000 RPM.

CROSS CUT VERSION AVAILABLE:

Specify cross cut by adding "C" to the part number.

Example: B-1C is cross cut version of B-1 bur.

 cross cut version				
SHAPE	Ball	Cone	Cylinder Square	Cylinder Radius
Part No.	B-1 B-2	CO-1 CO-2 CO-3	CP-1 CP-2 CP-3	CR-1 CR-2 CR-3
Cutter Diam"	1/8 1/4	1/8 1/8 1/4	3/32 1/8 1/4	3/32 1/8 1/4
Cutter Lgth"	— —	11/32 5/8 1/2	7/16 9/16 1/2	7/16 9/16 1/2
Price Each	8.25 12.95	8.25 8.25 12.95	8.25 8.25 12.95	8.25 8.25 12.95

						
SHAPE	Flame	Inverted Cone	Oval	Taper	Tree Point	Tree Radius
Part No.	F-1	IC-1 IC-2	OV-1 OV-2	T-1	TP-1 TP-2 TP-3	TR-1 TR-2 TR-3
Cutter Diam"	1/8	1/8 1/4	1/8 1/4	1/8	1/8 1/8 1/4	1/8 1/8 1/4
Cutter Lgth"	1/4	3/16 1/4	7/32 3/8	3/8	1/4 3/8 1/2	1/4 1/2 1/2
Price Each	8.25	8.25 12.95	8.25 12.95	8.25	8.25 8.25 12.95	8.25 8.25 12.95