



Always Wear Proper Eye Protection While Using Rotary Power Tool Accessories

Limited Warranty

All Freedom accessories are warranted to be free of defects in material or workmanship for a period of 90 days after purchase. During the warranty period, any defective accessory will be replaced without charge if it is returned to: The Freedom Electric Co., 16 Stony Hill Rd, Bethel, CT 06801 USA

F-3371 n. 5/12

Printed in USA

AK3371 Kit Includes:

2 each of 3" Soft Cotton Buffs and Square Edge Solid Felt Buffs
Max Speed Rating: 5,000 rpm

Cotton Buffs are for final polishing with compound on precious metals (especially high karat gold and silver). Shellac reinforced center pin holes for tight fit on tapered mandrels.

Square Edge Solid Felt Buffs are made of tightly compressed wool felt in rock hard density for polishing in grooves and crevices and have pin hole centers for mounting on tapered spindles. Use with compounds for cutting or polishing.

Polishing Compounds:

Platinum Blue 5-oz. bar for pre-polishing and cutting down of platinum and other metals and final polishing acrylics.

Platinum White 5.75-oz. bar for final polishing. Produces a deep luster high color final polish on platinum, gold, silver, and all metals. Also for final polishing on Flexite® and Valplast®.

Scotch-Brite™ Radial Bristle Discs

are molded plastic discs embedded with aluminum oxide mineral and a blend of patented 3M Cubitron™— a tough, long lasting ceramic aluminum oxide mineral with sharper edges than regular aluminum oxide. The abrasive filled bristles apply a continuous fresh supply of mineral to the work piece and don't require compounds. The flexible bristles reach into grooves and contours on irregular surfaces or work on flat areas.



Also available in 9/16", 3/4", or 1" discs

Applications:

Jewelry: Pre-polish and polish precious metals. Finish pewter and white metals. Remove scratches and sprue marks. Clean insides of rings. Clean up solder joints.

Dental: Smooth and clean hard alloys. Remove oxides and contaminants. Prepare surfaces. Polish acrylics.

Industrial: Clean metal surfaces prior to welding, painting, or other operations. Weld clean up. Deburr parts. Pre-polish brass, copper, aluminum, steel, stainless steel, and other metals.

Woodworking: Sand and smooth flat or irregular surfaces on soft or hardwood. Remove fuzz and burs from carvings. Sand inside grooves

IMPORTANT Safety Instructions

Always wear eye protection. Regular eyeglasses do not provide sufficient protection. Always wear safety glasses and/or a face shield when using rotary power tools.

Never wear loose clothing or jewelry and tie back long hair.

Ties, scarves, etc. and jewelry pose a hazard when using rotary power tools.

Never use accessories at speeds above the maximum RPM.

Accessories used at faster than the recommended speed can become damaged, posing a hazard to you and others in the area. Always check the speed rating.

Never use a damaged accessory.

If an accessory appears to be bent, loose, vibrating or out of balance do not continue to use it. Let the speed of the tool do the work.

Do not force the tool or use excessive pressure.

Always use dust collection, respirator, or face mask to prevent inhalation of dust particles from workpiece or abrasives.



FOREDOM®
AK3371 57-pc
Wayne Werner
Bench Lathe
Polishing Kit
 Made in USA

The accessories in Kit AK3371 include some of the most innovative types offered by Freedom for polishing with the Bench Lathe. Be sure to read this carefully since it contains important safety information that should always be followed when using rotary accessories.

The Freedom Electric Company
 16 Stony Hill Road, Bethel, CT 06801 USA
 Tel: 203-792-8622

www.foredom.net

For more information about our wide selection of rotary accessories and to see 'how to' videos about the use and maintenance of Freedom products visit our website!



Bristles Curve Clockwise

Bristles Curve Counter-clockwise

Safety Information:

Exceeding maximum operating speed or abusive operation can cause product to break apart and may cause injury.

Never exceed the maximum operating speed (MOS).

Be sure you check the maximum operating speed (MOS) of the product against the machine speed. Be sure you check direction of brush/disc rotation.

Running in the wrong direction can cause bristles to break off.

Do not jam the work piece into the brush/disc.

Do not press hard on the side of the brush/disc.

Particles flying off products can cause injury.

Remove flammable materials from the work area.

A damaged, vibrating, or wobbling brush or disc can break apart and may cause injury.

Do Not enlarge or change the shape of the center hole.

Damage or Wobbling can be caused by forcing the brush/disc onto a spindle that is too large. Stop the product if vibrating or wobbling occurs during use.

Store product at temperatures between 40°F (5°C) and 150°F (65°C) for at least 24 hours before using.

Store in a Dry, Cool Place. Incorrect storage can cause bristles to break off during use and may cause injury.

3M Radial Bristle Discs 6 each: 3" diameter in 80, 120, 220, 400, 1200, 3000 and 14,000 grits

Tapered Spindle Adapters with 3/8" arbor hole: 2 each of A-4561 (black-right side) and 7 each of A-4562 (gray-left side).

Max Speed Rating: 20,000 rpm for 3" diameter 3M Radial Bristle Discs

Color	Grit	Recommended (RPM) Operating Speeds
Yellow	80	3,000 – 15,000
White	120	
Red	220	3,000 – 18,000
Blue	400	
Pink	1,200 (pumice)	
Peach	3,000 (6 micron)	1,750 – 7,500
Light Green	14,000 (1 micron)	

Scotch-Brite™ Radial Bristle Discs can clean and remove dirt, rust, and oxidation without damage to the underlying surface. They run cool and will not load up with removed material. Because no compounds are needed these discs generate far less dust. Varying the speed allows you to obtain different surface textures and finishes.

Mounting Discs onto Bench Lathe:

Use A-4561 or A-4562 Adapters to mount discs on right or left tapered spindles. Unscrew Adapter and mount the male threaded part toward the motor, slide on 1 to 12 discs with all bristles oriented properly and secure with adapter nut.

For right side mounting, arrow on disc hub faces motor. For left side mounting, arrow faces out and away from motor. Use 2 or 3 discs for small grooves and recessed areas and 6 to 12 discs for wider areas.