

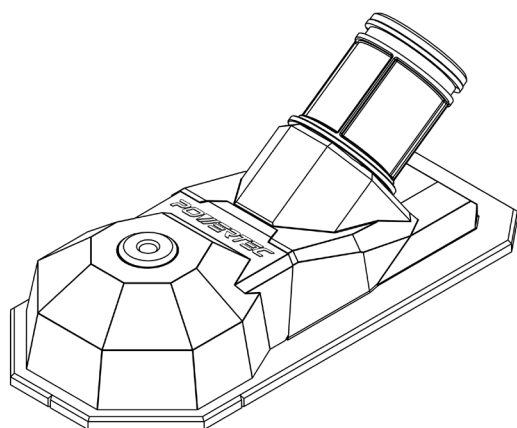
POWERTEC®

Drill Dust Collection Kit



QUESTION...

1•847•780•6120



⚠ WARNING

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

- Use only for collection of woodworking type materials.
- DO NOT use on hazardous materials.
- DO NOT drill into wood with metal or debris embedded.
- Ensure secure attachment to tool before operation.
- Follow all tool/vacuum warnings and instructions.
- Proper use of dust collection systems can reduce dust related hazards.

⚠ WARNING

Some dust created by power sanding, sawing, grinding, drilling and other construction activities can expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:
Lead from lead-based paints. Crystalline silica from bricks and cement and other masonry products. Arsenic and chromium from chemically-treated lumber.

NOTE: Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment. Always wear OSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

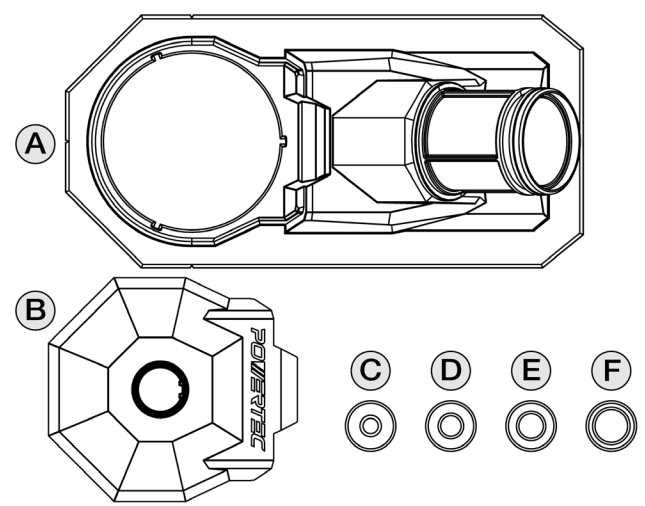
**SAVE ALL WARNINGS AND INSTRUCTIONS
FOR FUTURE REFERENCE**

CONTENTS

NOTE: Carefully remove all contents from packaging.

ITEM	DESCRIPTION	QTY
A	Base	1
B	Dust Cover	1
C	Drill Guide Bushing 1/4"	1
D	Drill Guide Bushing 5/16"	1
E	Drill Guide Bushing 3/8"	1
F	Drill Guide Bushing 1/2"	1

Figure 1



ASSEMBLY

Figure 2

- Attach Dust Cover (B) to Base (A.)

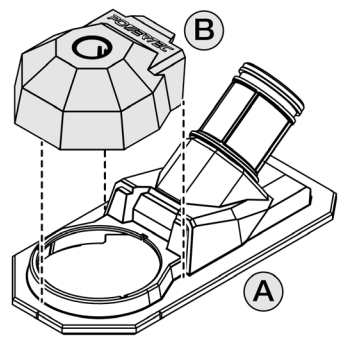
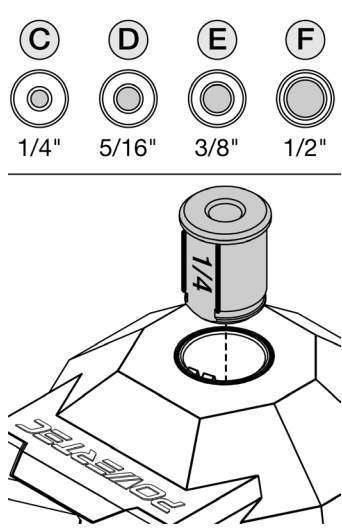


Figure 3

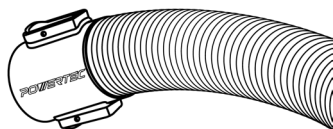
- Choose one of 4 Drill Guide Bushings included (1/4\", 5/16\", 3/8\", 1/2\").
- Insert, into center hole of Dust Cover (B), the chosen Drill Guide Bushing with flat side facing toward **POWERTEC** logo.
- Press down on Drill Guide Bushing to secure in place.



Companion Products (Sold Separately)

The **70450 Drill Dust Collection Kit** works with **POWERTEC 70355** and **70376 Hose Kits** with quick-change adaptors. (Sold separately)

Figure 4



Note: Properly place Base on material surface to be drilled to maintain optimum suction. Suction capacity may be reduced if foam on Base bottom is worn or damaged. Use wet soft cloth to clean foam after every use or when it becomes dusty.

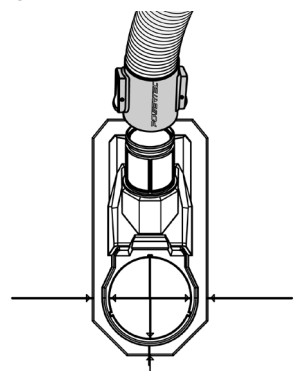
FOR USE WITH DUST COVER AND BUSHINGS

The **70450 Drill Dust Collection Kit** contains **Drill Guide Bushings** for drill bits up to 1/2" in diameter.

- Draw crosshair lines on material to be drilled to locate drill point.
- Set Dust Cover (B) with chosen Drill Guide Bushing onto Base. (See "ASSEMBLY")
- Attach Quick-change Adaptor, and connect hose to vacuum/dust collection system.

Note: Dust Cover not shown in Figure 5 for visibility purposes.

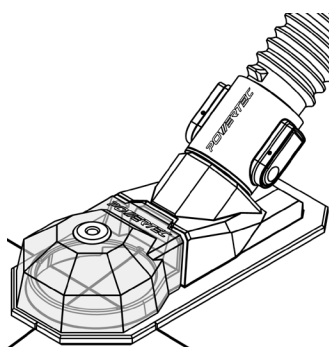
Figure 5



- Place assembled Base onto material. Align 3 hash marks on front and sides of base to drawn crosshair lines.

NOTE: If precise depth is required, use a stop collar on the bit and add 2" to cut depth when setting the drill bit. Test cut on a scrap board and adjust as needed.

Figure 6

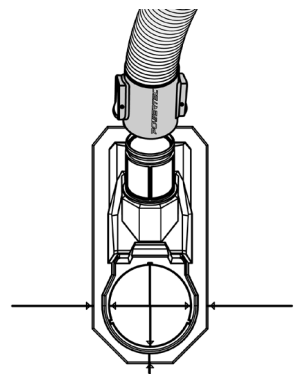


FOR USE WITHOUT DUST COVER

When using large drill bits such as forstner drill bits, carbide hole bits, etc... (up to 2-5/8" in diameter), remove the Dust Cover from the Base.

- Draw crosshair lines on material to be drilled to locate drill point.
- Attach Quick-change Adaptor, and connect hose to vacuum / dust collection system.
- Place Base onto material. Align 3 hash marks on front and sides of Base to drawn crosshair lines.

Figure 7



OPERATION

⚠ WARNING

Risk of personal injury. Always start drilling at low speed and with bit tip in contact with workpiece. At higher speeds, bit is likely to bend if allowed to rotate freely without contacting workpiece and may cause personal injury.

⚠ WARNING

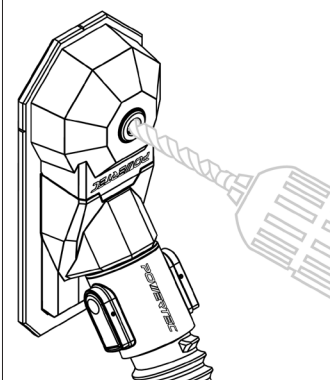
Risk of personal injury. Drill guide bushings and bits may get hot during operation. Do not touch bushing or bit before they cool down. Wear gloves when handling if needed.

The **70450 Drill Dust Collection Kit** can be used for vertical and horizontal applications.

- Place assembled Base onto material. Align 3 hash marks on front and sides of base to drawn crosshair lines.
- Hold in place until the vacuum / dust collection system is turned on. When the base is secured with the suction power of the vacuum / dust collection system, start drilling process following the drill manufacturer's instructions.
- After drilling, hold base in place and turn off the vacuum / dust collection system. When the suction power is off, remove the base from the material.

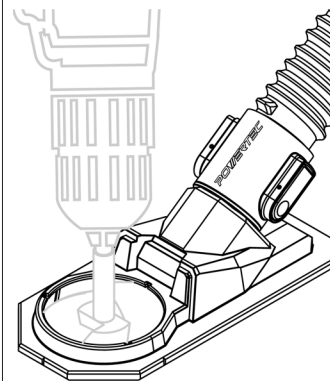
Note: A slight dust residue may be left on the surface and should be wiped off with a soft cloth.

Figure 8



Example of Vertical Application

Figure 9



Example of Horizontal Application

MAINTENANCE

⚠ WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

Keep the Drill Dust Collection Kit dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products or any strong solvent to clean the Drill Dust Collection Kit. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Visit us on the web at www.powertecproducts.com



Put these instructions and the original sales invoice in a safe, dry place for future reference.

Southern Technologies, LLC • Chicago, IL 60606