

Application:

SUMAKE Drills are light weight with sturdy construction, which used in woodworking, metalworking, and construction; for drilling holes in various materials or fastening various materials together with the use of fasteners.

Operation Method:

1. Use clamps or another practical way to secure and support the workpiece to a stable platform.
2. Do not force the tool. Use the correct tool for the application.
3. Do not use the tool if the switch does not tune the tool on or off.
4. Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool.
5. Use only accessories that are identified by the manufacturer for the specific tool model.
6. Accessories must be rated for at least the speed of the tool marked on the tool label.
7. A 3/8"(10mm) air hose is required up to a length of 2.5M. if more length is required a 1/2"(13mm) air hose should be connected to the 3/8"(10mm) hose to ensure the tool had the necessary air supply. Be sure all hoses and fitting are the correct size and tightly secured.
8. Drill bits should be inserted into drill chuck as far as possible.
9. For key chuck drill, use appropriately size chuck key to securely tighten drill bit, tap or reamer in drill chuck.
10. Locate center of new hole by using a center punch. Place drill bit tip in punch mark. Hold drill square with work and start motor. Apply steady, even pressure. Do not force! Too much pressure can cause bit from cutting and cause it to overheat.
11. Reduce pressure just before bit cuts through the work. When bit has penetrated work and is spinning freely, take it from the work while the motor is running, then release throttle.



Holding the underneath piece of chuck and then clockwise the above piece in order to tighten the drill bit.



Install correct bit.



Convenient one-hand operation with F / R rotation.



Connect fitting with the air hose.



Attention: To avoid injury please wear gloves if you touch the drill bit.



Press the trigger for running.
ATTENTION: Pls make sure the drill bit has been locked tightly before pushing trigger.



Vent in underneath direction.

Common Troubleshooting:

Event	Appearance	Possible Cause	Solution
Not operating	Air is coming from the exhaust valve	Blades broken or worn out	Replace blades
		Ball bearing damaged	Replace ball bearing
		Rusty motor or clogged with objects	Disassemble and repair
	No air coming from the exhaust valve	Regulator is set at OFF	Adjust regulator
No air flow		Check air system and connections	
Low efficiency	Low revolution rate	Not enough air pressure	Check air pressure
		Forwarder/reverse valve is not set properly	Adjust forwarder/reverse valve
	Motor running abnormal or unusual noises occur	Not enough lubrication, ball bearing, upper/lower end plate, cylinder, rotor, blade damaged	Lubricate or replace parts
Motor keeps running	Torque rate decreases	Gear set broken or blade worn out	Replace gear set or replace blade
	Trigger does not bounce back or does not bounce back correctly	Trigger set has other objects stuck on it or the spring is broken, deformed or rusty	Disassemble and repair
	Trigger function normally	Trigger O-ring worn out or valve set damaged or broken	Disassemble, repair and replace parts