

BlueSpot[®]



15 PCE AIR DIE GRINDER SET

User Manual



07912

General Information

Thank you for purchasing a BlueSpot product, you can find further information on our range at **www.BlueSpot.uk.com**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the BlueSpot 15 PCE Air Die Grinder Set. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

DO NOT use if damaged.

- **ALWAYS** ensure you have read through all of the instructions and fully understand how to operate the tool before beginning.
- **ALWAYS** check the air die grinder set for any damage before use. Any damage found needs to be repaired or replaced before use to prevent damage to property or personal injury.
- **ALWAYS** check the air hose for any damage before use. Any damage found needs to be repaired or replaced before use to prevent damage to property or personal injury.
- **ALWAYS** dress appropriately – clothing should be close fitted and long hair tied back. Jewellery should be removed and shoes should be worn with a non-slip sole.
- **ALWAYS** wear the correct PPE equipment. Approved eye protection should always be worn.
- **ALWAYS** ensure you work in a well ventilated room.
- **ALWAYS** check for missing or damaged parts before use.
- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- **ALWAYS** ensure the trigger is off before connecting the tool to the air supply.
- **ALWAYS** ensure any adjusting keys or wrenches have been removed before turning the tool on.
- **ALWAYS** ensure your workpiece is secure before operation.

Safe use (continued)

- **ALWAYS** ensure the air hose has been disconnected from the tool correctly before making any adjustments, changing accessories or storing the tool. Squeeze the lever to release all the compressed air in the tool.
- **ALWAYS** ensure that clean, dry, regulated, compressed air is used at 90PSI. Do not exceed 90PSI as this can be very dangerous.
- **BE AWARE** that before connecting the tool to the air supply air tool oil should be added into the air inlet fitting of the die grinder before each use.
- **ALWAYS** store the air die grinder set away correctly when not in use.
- **DO NOT** allow untrained persons to use the kit.
- **DO NOT** operate the tool if you are tired as this could be dangerous.
- **NEVER** operate the tool if you are under the influence of drugs or alcohol as this is dangerous.
- **DO NOT** make modifications to the air die grinder set.
- **NEVER** use the air die grinder set to perform a task it was not designed to do.
- **NEVER** use oxygen, carbon dioxide, combustible gases or other bottled gas with the tool.
- **ALWAYS** stop using the tool straight away if you start to experience discomfort or pain. Consult with a qualified health professional if needed.
- If the Air Die Grinder Set is damaged do not use.

Introduction

The BlueSpot 15 PCE Air Die Grinder Set is ideal for grinding and polishing a range of materials. The set comprises: 1x mini air die grinder, 2 x hand wrenches, 1 x 3mm (1/8") collet, 5 x 1/4"(6mm) shank grinding stones, 5 x 1/8"(3mm) shank grinding stones, 1 x nipple. The set is supplied in a useful, blow molded, plastic carry case.

Specification

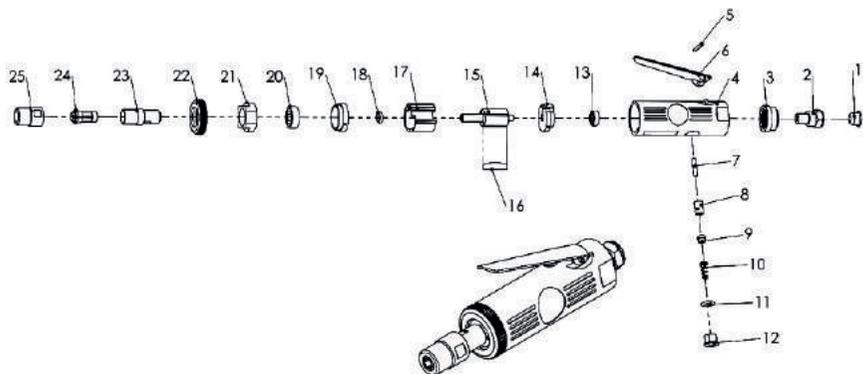
Maximum Air Pressure	90PSI Recommended
Air Consumption	4CFM
Air Inlet	¼"
Maximum RPM	25000 RPM

Specification

1. 1x mini air die grinder
2. 5 x 1/4"(6mm) shank grinding stones
5 x 1/8"(3mm) shank grinding stones
3. 1 x 3mm(1/8") collet
4. 2 x hand wrenches



Parts Diagram



- | | | | |
|-------------------|----------------------|-----------------|--------------------|
| 1. Cover | 8. Plug | 15. Rotor | 22. Front Cover |
| 2. Air Inlet | 9. Switch Seal Cap | 16. Blade | 23. Collect Holder |
| 3. Air Inlet Seat | 10. Spring | 17. Cylinder | 24. Collect |
| 4. Body | 11. Washer | 18. O-ring | 25. Collect Cap |
| 5. Pin | 12. Switch Screw Cap | 19. Front Plate | |
| 6. Trigger | 13. Rotor | 20. Bearing | |
| 7. Pin | 14. End Plate | 21. Retainer | |

Operation

ALWAYS ensure you have read through all of the safety precautions and instructions before using the tool and that you feel confident operating the tool.

BE AWARE that before connecting the tool to the air supply air tool oil should be added into the air inlet fitting of the die grinder before each use.

1. Attach the quick connector into the air inlet of the die grinder. To ensure a tight connection use PTFE tape around the thread of the quick connector and then tighten the quick connector into the air inlet. Ensure there is a secure connection.
2. Attach the collet into the spindle on the die grinder.
3. Find the appropriate grinding stone for the workpiece.
4. Attach the grinding shank fully into the collet.
5. The collet nut (on the spindle) may need retightening with the hand wrench. This will secure the collect and grinding stone together.
6. Connect the air supply hose to the quick connector.
7. Turn on the air compressor and set the regulator to 90PSI. **DO NOT** exceed 90PSI. **BE AWARE** of where the air hose is positioned and that it does not cause a tripping hazard.
8. Ensure you have a secure grip on the die grinder and hold with both hands.
9. Safely push the lever forward to release the throttle lever and gently press the lever.
10. Changing the pressure on the lever will increase/decrease the speed on the die grinder.

Note – The die grinder always turns the grinding stone in a clockwise rotation.

11. Gently apply the grinding stone to the workpiece. Slowly move the grinding stone to the left and right.
12. Release the lever when you have completed. The safety will automatically return to the locked position when the lever is fully released.
13. Turn off the air compressor.
14. Squeeze the lever to release all the compressed air in the tool.
15. Disconnect the air hose from the die grinder.
16. Remove the grinding stone from the die grinder.
17. Store the air die grinder set in a cool dry area that is out of reach of children.

Cleaning & Maintenance

Clean the tool with a dry cloth if needed.

Storage

Store the air die grinder set in a cool dry area that is out of reach of children.

Disposal

Always check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.

Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



Contact

Find out more about the BlueSpot® Lifetime Guarantee at www.BlueSpot.uk.com

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