

EA159HT-1 AIR MICRO DIE GRINDER KIT



Please read and understand all instructions before use. Retain this manual for future reference

SPECIFICATIONS

| | |
|---|------------------------------|
| Collet size | 3mm |
| Free speed | 56000 rpm |
| Tool length | 133.6mm |
| Hose length | 1500mm |
| Air inlet | 1/4" |
| Air pressure | 0.63Mpa |
| Total weight | 700g |
| Average Air Consumption | 180 L/min |
| Material | Al, steel, plastic etc. |
| Vibration value according to ISO 28927-12 | 1.61(m/s²) |
| Noise level according to ISO 15744 | 79 db (A) |

Contents:

- 1pc air micro die grinder
- 10pc grinding stone
- 1pc mini oiler
- 1pc oil pot
- 2pc spanner
- 1pc nipple



◆ Safety warning

◆ General air tool warnings

1. Read and understand his entire manual before attempting assembly or operation.
2. Read and understand all warnings posted on the tool and in this manual. Failure to comply with all of these warnings may cause serious injury.
3. Replace warning labels if they become obscured or removed.
4. Do not use this tool for other than its intended use. If used for other purposes, disclaims any real or implied warranty and holds itself harmless from any injury that may result from that use.
5. Always wear approved safety glasses or face shield while using this tool. (Everyday eyeglasses only have impact resistant lenses; they are not safety glasses.)
6. Wear ear protectors (plugs or muffs) if the noise exceeds safe levels.
7. Wear gloves and protective clothing if operation produces sparks or flying particles. Gloves should be tight-fitting, without frayed fingers or hanging threads. Keep hands and body away from the working area of tool.
8. Do not operate an air tool continually at full throttle without a work load on the tool.
9. The air tool must be properly lubricated before operating.
10. Never start a percussion type air tool (chipper, breaker, buster, etc.) without securing the tooling in the retainer and placing the tip against the work surface.
11. Do not operate air tool without its guards in place. Do not modify the tool.
12. Do not operate this tool while tired or under the influence of drugs, alcohol, or any medication.
13. Adopt a comfortable posture with proper balance, and maintain secure footing at all times. Non-slip foot wear or anti-skid floor strips are recommended.
14. Do not wear loose clothing or jewelry. Confine long hair.
15. Excessive air pressure and too much free rotation may decrease life of the tool and may cause a hazardous situation.
16. Check air hoses for wear, and keep them away from heat and sharp edges. Repair or replace damaged air hose immediately. Do not carry tool by the air hose.

17. Air hose may cause tripping hazards; keep hose away from traffic areas.
18. Do not use this tool near flammable objects, or in potentially explosive environments. Do not use near live electrical wires.
19. Do not use power tools in damp or wet location, or expose them to rain. Keep work area well lighted.
20. Do not leave a connected tool unattended. When not in use, disconnect too from air source.
21. Shut off air supply and discharge any residual pressure from tool before removing hose, making adjustments, changing accessories, or storing tool.
22. Make sure tool is switched off, and your finger off the trigger, before connecting to air supply.
23. Remove adjusting keys and wrenches before turning on tool.
24. Keep visitors a safe distance from the work area. Keep children away.
25. Give your work undivided attention. Looking around, carrying on a conversation and "horse-play" are careless acts that can result in serious injury.
26. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and more safely.
27. Repetitive motions and/or exposure to constant vibration can be harmful to hand and arms. Take frequent breaks and relax hands during extended operation. Change posture to avoid discomfort or fatigue.
28. Compressed air can be harmful if directed toward sensitive areas of the body, and may propel small particles caught in the air stream. Exercise proper caution.
29. Use only recommended accessories; improper accessories may be hazardous.
30. Maintain tools with care. Keep air tool clean and oiled for best and safest performance.
31. Do not use combustible gases, carbon dioxide, oxygen or any bottled gas as an air source for the tool. These can present risk of explosion and serious injury.
32. Do not lubricate the tool with combustible liquids, such as kerosene, diesel or jet fuel.

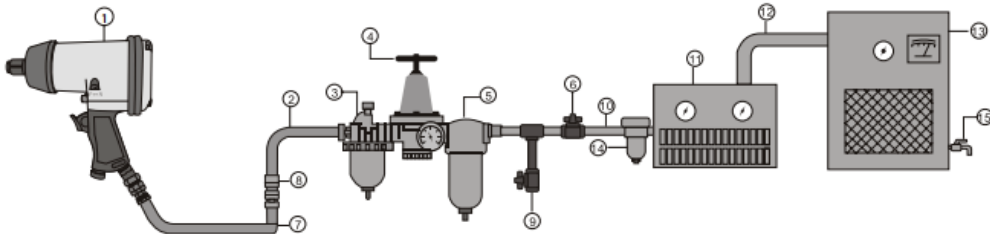
Specific warnings for Air Micro Die Grinders

33. This die grinder is designed for deburring, polishing, grinding and surface preparation. If you are not familiar with the proper and safe operation of a

pneumatic die grinder, do not use until proper training and knowledge have been obtained.

34. Speed rating of tool attachment must equal or exceed rated free speed of die grinder.
35. Make sure attachment is securely inserted into collet and collet nut is tight.
36. Make sure workpiece is secure and will not shift while operating die grinder. Do not hold workpieces with your hand.
37. Use only attachments designed for the collet size of die grinder. Do not modify an attachment or use bushings, wheel flanges, etc., to mount an attachment

AIR SYSTEM LAYOUT FOR AIR TOOLS



AIR SYSTEM LAYOUT:

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|------------------------|-------------------------------------|-----------------------------------|
| 1. Air Tool | 6. Shut Off Valve | 11. Air Dryer |
| 2. Air Hose 3/8"(I.D.) | 7. Whip Hose | 12. 1" Or Larger Pipe And Fitting |
| 3. Oiler | 8. Coupler Body And Connector | 13. Air Compressor |
| 4. Pressure Regulator | 9. Drain Daily | 14. Auto Drain |
| 5. Filter | 10. 1/2" Or Larger Pipe And Fitting | 15. Drain Daily |

Assembly

