

## NUT RIVETER (M3-M10)

### User Manual



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## General Information

**Thank you** for purchasing a Blue Spot Tools product, you can find further information on our range at **[www.BlueSpot.uk.com](http://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 riveter. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

### **DO NOT use if damaged.**

- 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.
- If the riveter is damaged do not use.
- **NEVER** leave the riveter unattended. When you have finished using the riveter it should be stored away in a safe place that is out of reach of children.
- **NEVER** try to get the riveter to perform a task that it was not made for. Do not overload or misuse the tool.
- **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 eye or face protection when operating the riveter.
- **ALWAYS** wear approved respiratory protection. This will help protect you from any dust.
- **ALWAYS** ensure you work in a well ventilated room.
- **NEVER** operate the tool if you are under the influence of drugs or alcohol as this can be dangerous.
- **DO NOT** operate the riveter if you are tired as this could be dangerous.
- **DO NOT** get the riveter wet. Always use in dry locations/conditions.
- **ALWAYS** check and adhere to national regulations when disposing of the riveter.

## Introduction

The Blue Spot Tools Nut Riveter (M3-M10) is ideal for the application of steel and aluminium rivet nuts. The heavy-duty ergonomic handles help to minimise hand fatigue. Tool included for easy change of rivet nut diameter.

1. Thumbwheel
2. Mandrel
3. Mandrel Nut
4. Sheath
5. Lockring



## Operation

### Inserting Rivet Nuts

1. Rotate the sheath anticlockwise to lengthen the working stroke and clockwise to shorten the working stroke.
2. Retighten the lock ring.
3. Choose the rivet nut to be installed.
4. Open the handles outward as far as possible.
5. Thread the rivet nut clockwise onto the mandrel until it is level with the end of the nut.

### Operation

1. Correctly insert the rivet nut into the riveter using the instructions above.
2. Drill a hole in the work product the same size or slightly larger than the outside diameter of the rivet nut to be installed.
3. Insert the riveter into the pre-drilled hole until flush with the product. Pull the handles inwards to secure the rivet nut in the hole. The rivet needs to shorten by approximately 6mm.
4. To remove the mandrel from the rivet nut rotate the thumbwheel.

## Adjustment Instructions

Proper adjustment of the riveter is necessary for efficient and easy operation.

1. The adjustment of the riveter will vary, depending on the size and type of rivet nut being used and the hole size.
2. Adjust the riveter by opening the handles outward as far as possible and turning the sheath clockwise to increase the number of threads on the mandrel protruding beyond the nosepiece for larger rivet nuts and by turning the sheath counter clockwise for smaller rivet nuts.
3. Fine adjustment can be made by turning the rivet nut on the mandrel to position the rivet closer or further away from the nosepiece, as long as the mandrel is threaded all the way through the rivet nut.
4. Always assure that the mandrel is threaded into all threads of the rivet nut to prevent damage to the threads on the mandrel and / or the rivet nut.
5. If the handles are extended too far outward to provide enough leverage to pull the handles inward to set the rivet nut, turn the sheath clockwise or turn the rivet nut counter clockwise slightly to change the handle angle to provide the proper leverage.

## Changing the Mandrel

Within the set you are supplied with a spanner. This tool can be used to remove the mandrel nut, remove the sheath and also its washer.

1. Using the spanner supplied place it over the mandrel and hold down the tube to engage and hold the hex nut. Using another spanner anticlockwise undo the mandrel.
2. Screw in the new mandrel, refit the sheath, its washer and the mandrel nut.
3. Check and ensure they are all tight before use.

## Cleaning & Maintenance

To clean just use a dry cloth to wipe over the riveter.

## Cleaning & Maintenance

**ALWAYS** ensure the riveter and riveter nuts is stored out of reach of children.  
Store the tool in a secure, dry place.

## 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.



