

Champro®



LONG/SHORT ARM THREADED NUT RIVETERS

MODEL NO: CHT879 & CHT880

USER INSTRUCTIONS

INTRODUCTION

Thank you for purchasing this CLARKE Riveter. Suitable for rivet nuts in aluminium, steel and stainless steel. The short arm version (CHT879) is ideal for access in restricted spaces while the long arm version (CHT880) has an adjustable stroke scale for improved accuracy.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you and you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission. This guarantee does not effect your statutory rights.

STORING THE MANDRELS

Choose the rivet nut to be used for the job. The riveter is supplied with a choice of different size mandrels to suit different rivets and a spanner for changing mandrels.

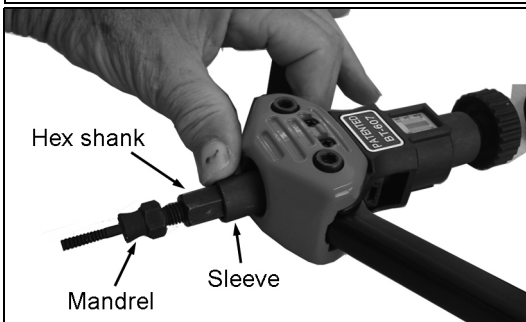
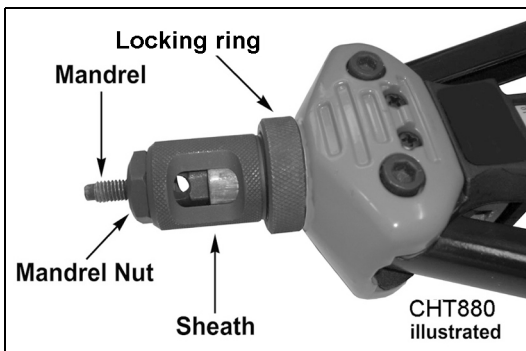
The CHT879 model is supplied with M3, M4, M5, M6 & M8 mandrels.

The CHT880 model is supplied with M3, M4, M5, M6, M8, M10 & M12 mandrels.

- Always store the unused mandrels in the plastic cases provided complete with their respective retaining nut.
- The mandrel and nut sizes are marked on each component.

FITTING THE MANDREL

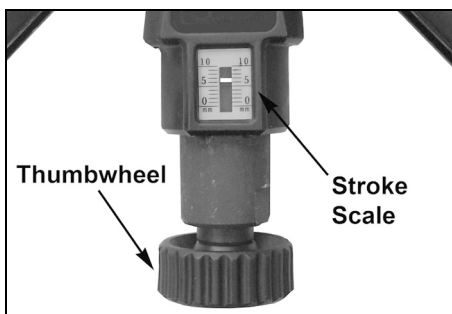
1. Remove the sheath and locking ring.
2. Slide the spring-loaded sleeve down to expose the hex shank.
3. Screw your chosen your chosen mandrel into the hex shank as far as possible.
4. Release the sleeve.
 - The sleeve will spring back over the lower part of the mandrel.
5. Replace the sheath and locking ring.
6. Fit the mandrel nut finger tight and tighten the locking ring.



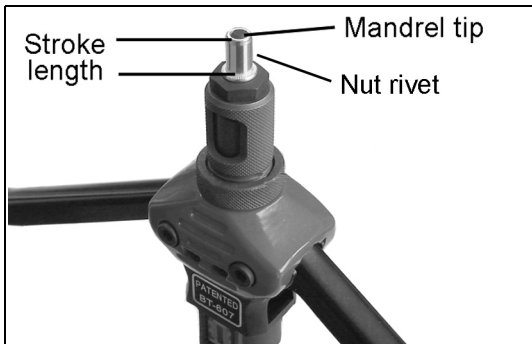
SETTING THE STROKE

- Model CHT880 has a stroke scale to help achieve optimum compression of the rivet. The rivet nut needs to shorten approximately 6mm during compression when using M6, M8, M10 & M12 rivets. Smaller rivets may require a smaller setting.

1. Set the angle of the arms so that the scale reads 6mm.



2. Screw a rivet onto the mandrel until it is level with the mandrel tip
3. Turn the sheath anti-clockwise until the mandrel nut touches the rivet.
4. Screw down the locking ring so that it touches the body of the rivet gun.



OPERATION

1. The hole diameter in the workpiece must be nominally larger than the outer diameter of the rivet. Ensure the hole is perpendicular with the surface of the workpiece components.
2. With the arms of the riveter open fully, insert the rivet nut into the hole in the workpiece. Ensure that the riveter is perpendicular to the workpiece and the flange of the rivet is pressed against it. Close the handles together to compress the rivet nut.
3. Rotate the thumbwheel anticlockwise to unscrew the mandrel from the installed rivet nut.
4. If the mandrel can not be easily removed from a rivet in this way, unscrew the sheath leaving just the mandrel remaining in the rivet and use a rod inserted through the hole in the mandrel to twist it anticlockwise to release it from the rivet.

CHANGING MANDRELS

1. Use the spanner if necessary, to remove the mandrel nut, followed by the sheath and its washer.
2. Slide the spring-loaded sleeve down to expose the hex shank so that the mandrel can now be unscrewed from it.
3. If necessary, use a suitable rod passed through the hole in the mandrel to undo it (anticlockwise). Hold the hex shank with a suitable spanner.
4. Replace with the new mandrel while the sleeve is held back. When the mandrel is fully home, release the sleeve which will spring up and stop the mandrel from turning.
5. Refit the sheath, washer & mandrel nut, ensure they are all tight before use.