AKKTOL

RIVET NUT TOOL

BT-607

USER MANUAL

IMPORTANT: Read before Using.

Thank you for choosing to buy a AKKTOL product, please register your warranty, if you have any doubts left, welcome to contact us, we are here to help you.

Warranty Registration
3 easy ways to register your 2 year limited warranty.

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Precautions

1. Before your start, please inspect the hand nut riveter and accessories. Make sure they are all intact.

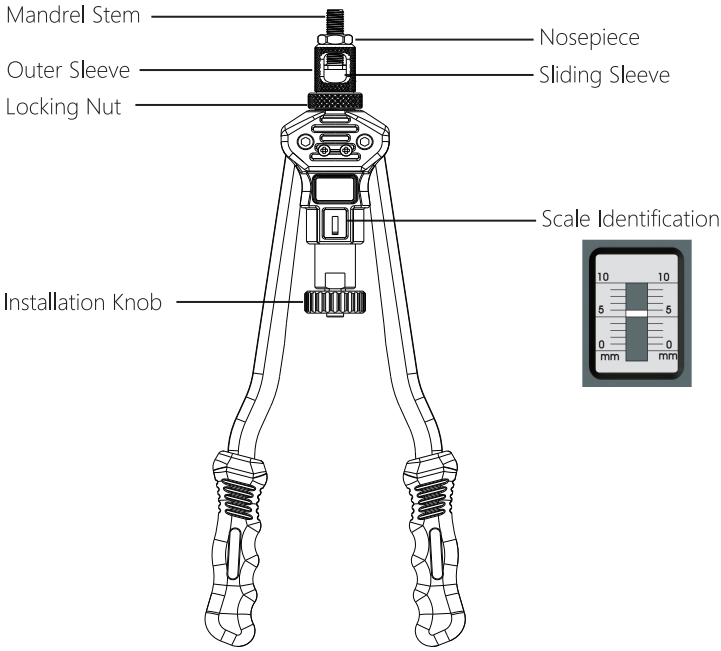
2. Before your start, please check if there is any foreign matter on the mandrel.

3. To avoid the damage of threads, do not tighten too much with wrench.

4. Maintenance of the machine:
For long time storage, the foreign parts of the mandrel need to be cleaned and coated with a little anti-rust oil or lubricating oil.

5. Keep the hand nut riveter and accessories away from Children.

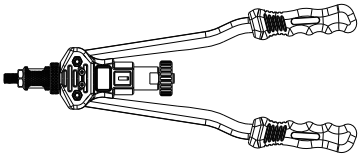
Parts Name



Technical Description

Name	Rivet Nut Tool
Model	BT-607
Weight	Approx. 1350g
Length	410mm (16")
Max. Working Stroke	9mm
Max. Effective Working Stroke	7mm
Mandrel Specification	Metric: M3,M4,M5,M6,M8,M10,M12
	SAE: 6-32,8-32,10-32,10-24,1/4-20,5/16-18, 3/8-16,1/2-13
Max. Multiple of Arm Force	30 Times

Packing List

Name	Picture	Qty
Rivet Nut Tool		1pcs
Nosepiece	M3,M4,M5,M6,M8,M10,M12, 6-32,8-32,10-32,10/24,1/4-20,5/16-18,3/8-16,1/2-13	1pcs/ model
Mandrel	M3,M4,M5,M6,M8,M10,M12, 6-32,8-32,10-32,10/24,1/4-20,5/16-18,3/8-16,1/2-13	1pcs/ model
Mandrel Box	M3,M4,M5,M6,M8,M10,M12, 6-32,8-32,10-32,10/24,1/4-20,5/16-18,3/8-16,1/2-13	1pcs/ model
Rivet Nut	M3,M4,M5,M6,M8,M10,M12, 6-32,8-32,10-32,10/24,1/4-20,5/16-18,3/8-16,1/2-13	1pack/ model
Wrench		1pcs
Storage Box		1pcs
User Manual		1pcs
Warranty Card		1pcs

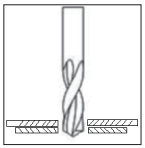
Apply to All Kinds Nut for Various Materials:

Nut	Metric							SAE				
	M3	M4	M5	M6	M8	M10	M12	10-24	1/4-20	5/16-18	3/8-16	1/2-13
Aluminium	●	●	●	●	●	●	●	●	●	●	●	●
Steel	●	●	●	●	●	●	●	●	●	●	●	●
Stainless Steel	●	●	●	●	●	●	●	●	●	●	●	●

Drilling Reference Size												
Nut Size	M3	M4	M5	M6	M8	M10	M12	10-24	1/4-20	5/16-18	3/8-16	1/2-13
Drill Size (mm)	5	6	7	9	11	13	15	6.5	9.1	11.6	13.6	17.5

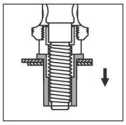
NOTE:
Once you have determined the hole size, the hand nut riveter must be equipped with the appropriate mandrel and a matching size nosepiece.

Riveting Diagram

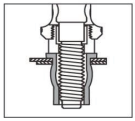


1. Drill a suitable hole in Plate

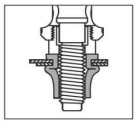
2.Thread the rivet nut onto the mandrel stem



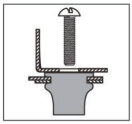
3. Put the rivet nut into the hole



4. Close the handles to rivet



5. Exit the riveting



6. Installation component

How to use the Scale Identification?

1. Initial State

The top of white line should be at 0mm when the handles are closed (Fig 1).

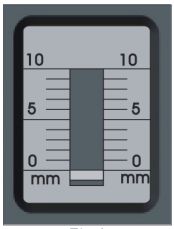
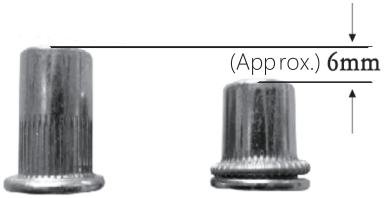


Fig1

2. Stroke Check

Open the handles, the top of white line is at 6mm(Fig 2), so the working stroke is 6mm, the nut height will be decreased 6mm after riveting.

Fig2



Before

After

Check the video on youtube

Working Stroke Adjustment

1. Fully open the handles to thread the nut onto the mandrel stem.
2. Loosen the locking nut.
3. By rotating the outer sleeve outwards(Fig4), the working stroke will become longer, by rotating the outer sleeve inwards(Fig4), the working stroke will become shorter.
4. Close the handles slightly until the rivet nut get a force, confirm the working stroke or adjust the suitable working stroke again.
5. Tighten the locking nut.
6. Make sure the rivet nut is always at the bottom of the mandrel stem.

Fig 3

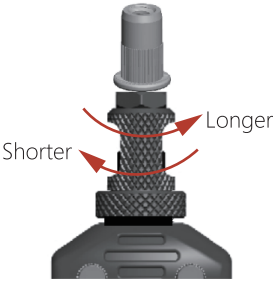


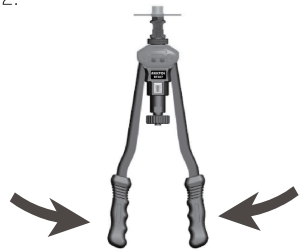
Fig 4

How to work?

STEP1:

Open the handles to thread the rivet nut onto the mandrel stem.

STEP2:



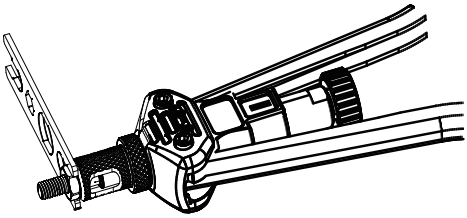
Put the rivet nut into the hole and close the handles to rivet.

STEP3:

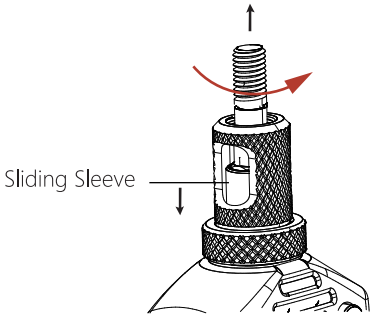
Check the video on youtube

Rotate the installation knob counterclockwise to release the rivet nut tool after riveting.

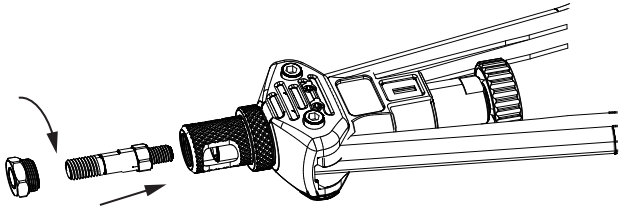
Changing Mandrels



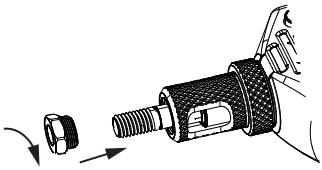
Use a matched wrench to remove the nosepiece.



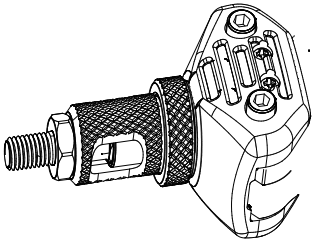
Push the sliding sleeve back and hold it down.
Rotate the mandrel to remove it.



Push the sliding sleeve back and hold it down, screw the mandrel.



Thread on and tighten the nosepiece, release the sliding sleeve.



Ready to rivet

Check the video on youtube

AKKTOL CUSTOMER CARE

If you have any doubts left, welcome to contact us, we are here to help you.

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