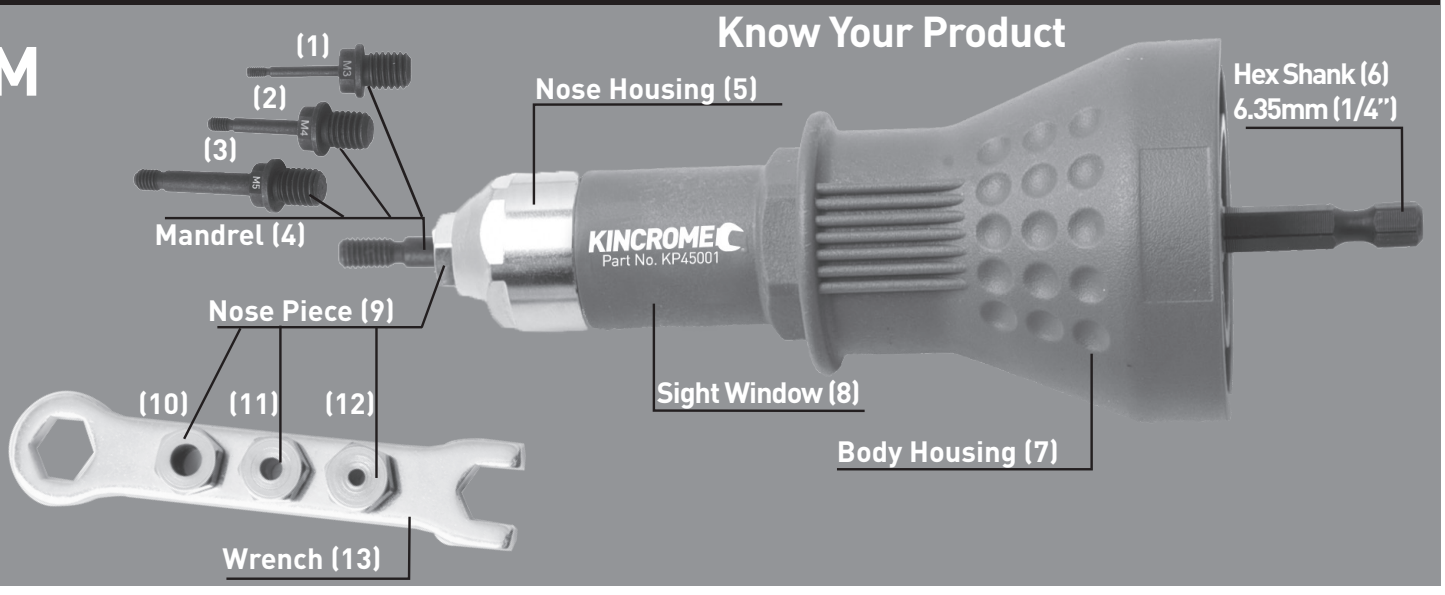
KINCROMEC®
PROFESSIONAL QUALITY TOOLS

EZI RIV-NUT ™

Riv-Nut Drill Attachment

M3, M4, M5 & M6

KP45003



Specifications

Part No.	KP45003	**Cordless Drill:** **Electric or Air Operated Drill**	M3 - 12V & 14V (MAX 1,000RPM) M4, M5 & M6 - 12V, 14V & 18V (MAX 1,000RPM)
Nose Piece Sizes:	(1) M3 (2) M4 (3) M5 (4) M6	**Suitable For:**	Aluminium, Steel & Stainless Steel Rivets 2.4mm (3/32") 3.2mm (1/8") 4.0mm (5/32") 4.8mm (3/16")
Weight:	0.369kg	**Min Torque Strength:**	15Nm (11 ft/lbs)
Hex Shank:	1/4" (6.35mm)	**Dimensions:**	59mm x 158mm

General Safety Information

Save all warnings and instructions for future reference.

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury.

Work Area

1. Keep the work area clean and well lit. Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons.
2. Keep bystanders, children, and visitors away while operating the tool. Distractions can result in the loss of control of the tool.

Personal Safety

1. Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool increases the risk of injury to persons.
2. Dress properly. Do not wear loose clothing or jewellery. Contain long hair. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair increases the risk of injury to persons as a result of being caught in moving parts.
3. Avoid unintentional starting. Be sure the switch of the tool is OFF before connecting the drill attachment. Do not carry the tool with your finger on the tool trigger or connect the tool to the drill attachment with the trigger ON.
4. Remove adjusting keys and wrenches before turning the tool ON. A wrench or a key that is left attached to a rotating part of the tool increases the risk of personal injury.
5. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
6. Use safety equipment. A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear heavy-duty work gloves during use.
7. Always wear eye protection. Wear approved safety eye protection.
8. Always wear hearing protection when using the tool. Prolonged exposure to high intensity noise can contribute to hearing loss.
9. Wear suitable gloves to reduce the vibration effects on the user.

Tool Use and Care

1. Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work by hand or against the body is unstable and can lead to loss of control.
2. Do not force the tool. Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.
3. Do not use the tool if the trigger does not turn the tool ON or OFF. Any tool that cannot be controlled with the trigger is dangerous and must be repaired, by an authorised repair agent.
4. Disconnect the drill attachment from the drill before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool unintentionally.
5. Store the tool when it is idle out of reach of children and other untrained persons. A tool is dangerous in the hands of untrained users.
6. Maintain the tool with care. A properly maintained tool is easier to control.
7. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation. If damaged, have the tool serviced before using, at an authorised Kincrome repair agent. Many accidents are caused by poorly maintained tools.
8. Use only accessories that are for the specific tool model. Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.

Additional Safety Warnings

1. The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
2. Only use with accessories rated to handle the forces exerted by this tool during operation. Other accessories not designed for the forces generated may break and forcefully launch pieces.
3. Attach all accessories properly to the tool. A loose accessory may detach or break during operation.
4. Do not force the tool. Use a larger one if needed.
5. Anyone using vibrating tools regularly, or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), immediately discontinue use and seek medical advice as soon as possible.
6. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.

Unpacking

1. Unpack all the components from the blister packaging. When unpacking the KP45003 EZI RIV-Nut Drill Attachment, carefully inspect for any damage that may have occurred during transit or storage. Check for loose, missing or damaged parts.
2. Ensure all packaging materials are disposed of as per your local council guide lines.

WARNING! DO NOT use the EZI RIV-Nut Drill Attachment on the following items:
- **Impact Drivers (Pneumatic, Electric or Cordless)**
- **Impact/Rotary Hammer Drill (Pneumatic, Electric or Cordless)**
- **Impact Wrench (Pneumatic, Electric or Cordless)**

Using the EZI-RIV Drill Attachment, on any of the above products will cause damage to the unit, and will NOT be covered by warranty!

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Changing Nose Pieces & Matching Mandrel

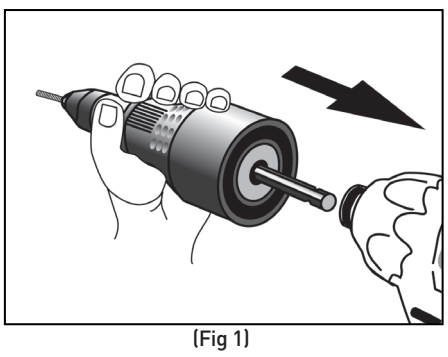
1. Select the Nose Piece (9,10,11,12) & Mandrel (1,2,3,4) you require for the job at hand. The Mandrel (1,2,3,4) & Nose Piece (9,10,11,12) must match the thread size of the riv-nut being used for your application.
2. To change the Mandrel (1,2,3,4) that is already fitted to the EZI RIV-Nut Drill Attachment, use the supplied Wrench (13), to remove the attached Nose Piece (9,10,11,12) using the closed end of the Wrench (13), by rotating anti-clockwise.

Note: If the Nose Piece (9,10,11,12) is locked into the Nose Housing (5), you may need to use an adjustable wrench (not supplied) on the Nose Housing (5) allowing the tightened Nose Piece (9,10,11,12) to be removed.

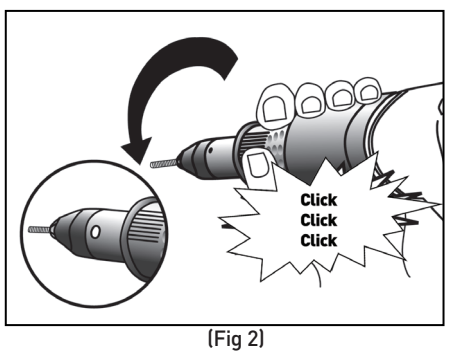
3. Once loose, remove the Nose Piece (9,10,11,12) that is fitted to the tool.
4. Remove the Nose Housing (5) from the tool by rotating anti-clockwise with an adjustable wrench (not supplied).

Caution: There is a pressure spring under the Nose Housing (5) that could eject the Nose Housing (5) when removing from the Body Housing (7). Take caution when removing the Nose Housing (5) to avoid any loss of the spring or Nose Piece (9,10,11,12).

5. Remove the spring located under the Nose Housing (5) and set aside.
6. Using your fingers, grab the Mandrel (1,2,3,4) body and pull outwards to allow full access to the Mandrels parallel spanner release surface.
7. Remove the Mandrel (1,2,3,4) that is already fitted to the EZI RIV-Nut Drill Attachment, using the open end of the Wrench (13), by rotating anti-clockwise.
8. Select the Mandrel (1,2,3,4) you require to suit the riv-nut thread size being used.
9. Insert the desired Mandrel (1,2,3,4) into the threaded area of the metal housing and tighten using the open end of the Wrench (13), then tighten by rotating clockwise.
10. Re-install the spring previously removed, over the Mandrel (1,2,3,4), noting that the widest/flanged end of the spring should be inserted within the threaded housing end of the tool.
11. Re-install the Nose Housing (5) onto the Body Housing (7) by threading the Nose Piece (9,10,11,12) onto the plastic Body Housing (7), and then tighten by rotating clockwise with an adjustable wrench (not supplied).
12. Select the correct size Nose Piece (9,10,11,12) you require to suit the riv-nut being used, (which are stored in the Wrench (13) handle), and remove by rotating the Nose Piece (9,10,11,12) anti-clockwise from the Wrench (13).
13. Insert the desired Nose Piece (9,10,11,12) into the threaded area of the Nose Housing (5) and tighten using the Wrench (13) by rotating clockwise.
14. The KP45003 EZI RIV-Nut Drill Attachment is now ready to use!



(Fig 1)



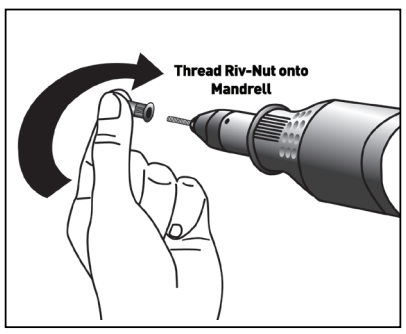
(Fig 2)

Operation

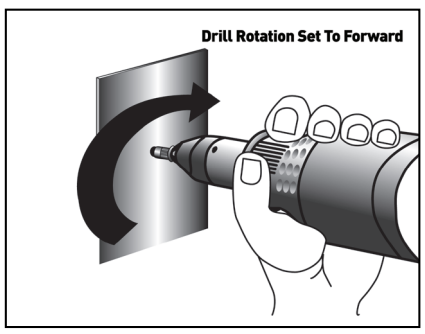
1. The KP45003 EZI RIV-Nut Drill attachment, is fully assembled, however requires to be fitted to your drill.
2. Align and insert the 6.35mm (1/4") Hex Shank (6) of the EZI RIV-Nut Drill attachment, into the Chuck of your drill and tighten the drill chuck (Fig 1).
3. While holding the drill attachment Body Housing (7), put the drill in reverse and pull the drill trigger until you hear a clicking sound (Fig 2).
4. Ensure you have the correct Nose Piece (9,10,11,12) & Mandrel (1,2,3,4) installed to suit the riv-nuts being used for the job at hand. I.e. M4 riv-nut requires an M4 Mandrel (2) as marked on the mandrel flange nut.
5. While holding the drill attachment Body Housing (7), put the drill in reverse and pull the drill trigger until you hear a clicking sound (Fig 2).
6. Screw the desired riv-nut onto the Mandrel (1,2,3,4) (Fig 3).
7. With the desired riv-nut fastened onto the Mandrel (1,2,3,4), align and insert the riv-nut into your pre-drilled material.

Caution: Ensure the correct drill speed is selected to ensure the speed is a Max of 1000 RPM.

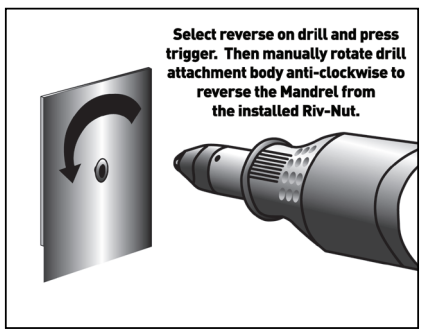
8. While holding the drill attachment Body Housing (7) in one hand, select the forward direction of the drill & pull the drill trigger to clench the riv-nut to the material (Fig 4).
9. Select reverse on the drill and pull the drill trigger first & then manually rotate the drill attachment body anti-clockwise to reverse the mandrel out of the installed riv-nut. (Fig 5).



(Fig 4)



(Fig 5)



(Fig 6)

Repair

1. Have your EZI RIV-Nut Drill Attachment serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety, reliability and performance of the EZI RIV-Nut Drill Attachment is maintained.

Maintenance

1. Clean and lubricate the jaws periodically, at least every 1,000 Rivets. Lubricate the riveter jaws as needed with a lubricant such as INOX or TF2 lubricating spray (not supplied).

Office Contact Details

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SCAN FOR INSTRUCTIONAL VIDEO

Spare Parts

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
KP45003-2	KP45003 Nose Housing	KP45003-16	KP45003 M3 Mandrel
KP45003-4	KP45003 M5 Mandrel	KP45003-17	KP45003 M4 Mandrel
KP45003-5	KP45003 Spring	KP45003-18	KP45003 M3 Nose Piece
KP45003-6	KP45003 M5 Nose Piece	KP45003-19	KP45003 M4 Nose Piece
KP45003-11	KP45003 Internal E-Clip	KP45001-20	KP45003 M6 Nose Piece
KP45003-15	KP45003 Rear Circlip	KP45001-21	KP45003 M6 Mandrel

* For a full list of available spare parts for this item, visit the Kincrome website www.kincrome.com.au or alternatively Contact t Kincrome Customer Service.
* Kincrome reserve the right to change spare parts at any time without notice.

12 MONTH WARRANTY

Warranty given by Kincrome Tools & Equipment Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria, Australia (Tel +61 3 9730 7100) If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian, United Kingdom & Ireland Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian, United Kingdom & Ireland Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.