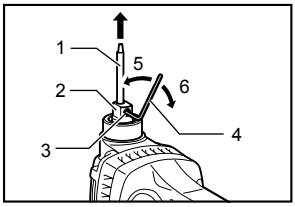
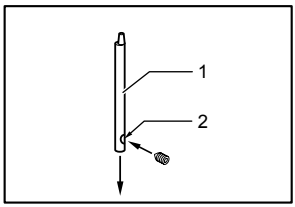


1. Punch
2. Punch holder
3. Screw
4. Hex wrench
5. Loosen
6. Tighten

013274

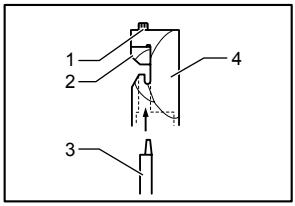
To install the punch and die, insert the punch into the punch holder so that the notch in the punch faces toward the screw. Tighten the screw to secure the punch. Install the die on the die holder. Tighten the bolts to secure the die.



1. Punch
2. Notch

004781

Then install the die holder on the tool so that the punch is inserted through the hole in the die holder. Tighten the lock nut to secure the die holder. After replacing the punch and die, lubricate them with machine oil and run the tool for a while.



1. Bolts
2. Die
3. Punch
4. Die holder

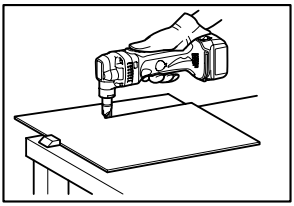
004782

OPERATION

Pre-lubrication

Coat the cutting line with machine oil to increase the punch and die service life. This is particularly important when cutting aluminum.

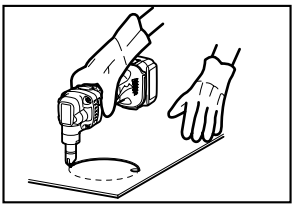
Cutting method



013278

Hold the tool so that the cutting head is at a right angle (90°) to the workpiece being cut. Move the tool gently in the cutting direction.

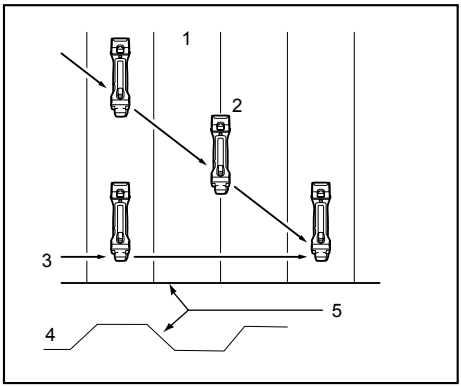
Cutouts



013279

Cutouts can be done by first opening a round hole over 21 mm in diameter which the cutting head can be inserted into.

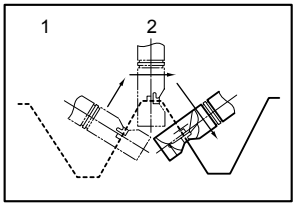
Cutting the corrugated or trapezoidal sheet metals



1. From the top view
2. Cutting at an angle to grooves
3. Cutting perpendicular to grooves
4. From the side view
5. Corrugated or trapezoidal sheet metal

013280

Set the die position so that the die faces the cutting direction either when cutting at an angle or perpendicular go grooves in corrugated or trapezoidal sheet metals.



1. From the side view
2. Cutting head should be at a right angle (90 ˚) to cutting surface.

004791

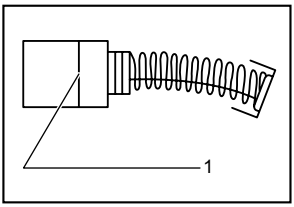
Always hold the tool body parallel to the grooves with the cutting head at a right angle (90°) to the cutting surface as shown in the figure.

MAINTENANCE

⚠CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

Replacing carbon brushes

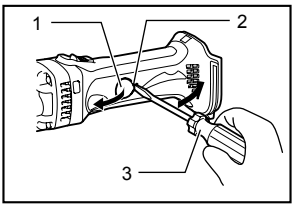


1. Limit mark

001145

Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

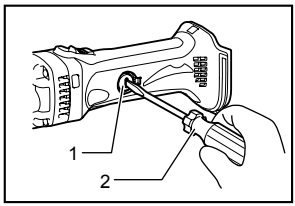
Insert the top end of slotted bit screwdriver into the notch in the tool and remove the holder cap cover by lifting it up.



1. Holder cap cover
2. Notch
3. Screwdriver

013281

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



1. Brush holder cap
2. Screwdriver

013282

Reinstall the holder cap cover on the tool.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

⚠CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Die
- Punch
- Hex wrench
- Wrench 32
- Makita genuine battery and charger

NOTE:

- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

Makita Corporation