

SNAP DRILL

Quick Guide

Important notice

One page instructions

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HEALTH AND SAFETY WARNING:

Keep hands away from hole saw and clamp..
Wear hearing protection, work gloves and
safety glasses during operation. Read full
technical guide before use.

Snap Drill AS, Norway, 2023

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IMPORTANT NOTICE SNAPDRILL IS AN AUTOMATIC TOOL



THE FEED NUT ADJUSTS CUTTING PRESSURE, NOT DEPTH.

START THE BATTERY DRILL FIRST, THEN ADJUST FEED NUT TO THE POINT OF SLIGHT TENSION. THIS IS THE DRILLING MODE.

MAX FEED SHOULD ONLY BE USED FOR RETURNING THE HOLE SAW.

MAX FEED WHEN CUTTING WILL DESTROY THE MACHINERY.



Before drilling:

- Battery drill has power, is put in gear one and max torque (drill symbol)
- Hole saw is tight and fully back
- Metal chips are cleaned out
- Feed nut is in start position (fully back)
- Lubricant is applied to the hole saw
- Inspect that cutting teeth are intact and sharp

Step 1

After tightening the clamp to the pipe, start the battery drill. Fully activate the trigger.

Then turn feed nut to drilling position (point of slight tension)

Step 2

Hold the trigger for 10-40 seconds depending on hole size. Let Snapdrill do the work for you. Do not stop until the hole is drilled through. Tighten the feednut slightly if needed. Be extra cautious with hole saws above 30mm (1-3/16).

Step 3

When the hole is finished, remove Snapdrill from the pipe.

Turn the feed nut to return position, max. Reverse the rotation on the drill. Let the hole saw come all the way back and let the machine release the coupon and debris.

Clean the machine for metal shavings with a brush or magnet. Do not use pressured air. Return the feed nut before the next hole. Apply lubricant.



Connecting with Snapdrill



Snapdrill connects directly to its drive unit with the quick lock.



Turn and hold the locking nut counter clockwise. Interlock the two with their respective connective patterns.



It is easily done with Snapdrill already on the pipe. Alternatively freehanded.

Hole Saw assembly



Snapdrill and the battery drill need to be connected in order to insert hole saws.



Tighten the feed nut. Pull the trigger and let the insert area come forward.

Hole Saw assembly



Remove the bolt. Use the included socket and flex handle.

Clean the surface area.

Insert the hole saw, and assemble the bolt. Tighten, and then give it a nudge.



Hole Cutting with Snapdrill



Before drilling, make sure of the following.
The power tool is put in **gear one**

On max torque (**drill symbol**).

Has at least **two dots on the battery**.



Hole Cutting with Snapdrill



The hole saw must be in its starting position.

Ensure this by tightening the feed nut and reverse the rotation on the drill, check that the hole saw will not go any further back.

Always return the feed nut before drilling.

Lubricate the hole saw often for long tool life.

Hole Cutting with Snapdrill



For drilling with a specified center:

Measure the diameter of the outer ring.

Mark the radius' distance from the holes center.

Aim with the outer ring.



Hole Cutting with Snapdrill



Extend the foldable handles, open the clamp, and tighten Snapdrill to the pipe.

(Fasten clockwise, loosen counter clockwise)

First with one hand, adjusting with help from the spirit level.

Then with two hands. Do not over tighten.

Hole Cutting with Snapdrill



Put the drill in forward rotation

Fully activate the trigger, drill continuously.

Carefully adjust the feed to the point of slight tightness. The more you tighten the feed nut, the more force is applied to the hole saw. Hold the trigger 10-40 seconds depending on hole size, do not stop until you are through the pipe. Only adjust feed if needed. Hole saws bigger than 30mm (1-3/16) require more cation.



Hole Cutting with Snapdrill



Once drilling is completed, do not yet return the hole saw, loosen the handles. First with two hands, then with one hand while holding the battery drill with the other. Remove Snapdrill from the pipe.



Tighten the feed nut for and return the hole saw for removal of debris.

Maintenance



Regularly clean Snapdrill for metal shavings. Use a brush or a magnet. Do not use pressured air.



Ensure that the hole saw sits properly.



Apply lubricant frequently.

For more help, reach out to your local supplier, or refer to www.snapdrill.no for contact info.