



Safety Information

Read and follow these instructions carefully:



The Swaging SPINs use a HIGH TEMPERATURE technology, due to friction between the metallic tube and the tool. For your safety, consider it HOT at all times.



Wait until the metallic tube and the tool to cool down before placing your hand onto the tube or the tool surface.



Always use protective gloves while working with the Swaging SPIN. SFI LEVEL 10 protection gloves. Direct skin contact with the tube or the tool may result in serious injuries and burns.



Always keep the Swaging SPIN well attached and fastened into the power tool you are using (Corded Drills, Cordless drills).



Always use protective glasses while working with the Swaging SPIN. ANSI Z87.1 eye protection (CAN/CSA Z94.3). Occasionally, chips may occur during the Swaging process and may get to your eyes, causing severe injuries, burns or even loss of vision.



Do not use any loose clothing and jewelry or approach the tool with loose long hair during the operation of the tool, as it may entangle and get caught around it, causing serious personal injury.



Stay alert, watch what you are doing and use common sense when operating the Swaging SPIN. Do not use the Swaging SPIN while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating the Swaging SPIN may result in serious personal injury.



Store the tools out of the reach of children and do not allow people unfamiliar with the Swaging tool or these instructions to operate the Swaging tool.

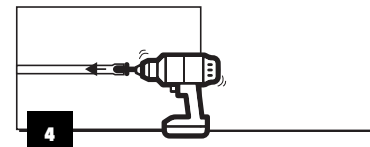


*Minimum requirements

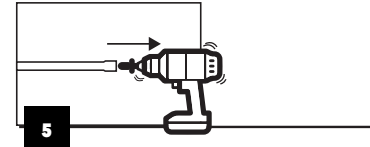
The SPIN tools are designed to work along with drills and/or screwdrivers, with minimum of 1,800 RPM and 500 watts for corded drills, or superior and 1,800RPM and 18W, or superior, for cordless drills.

Using the SPIN tools along with less powerful equipment may result in high decrease of performance.

- DO NOT USE IT WITH IMPACT MODE ON
- NOT SUITABLE FOR USE ALONG WITH IMPACT DRIVERS

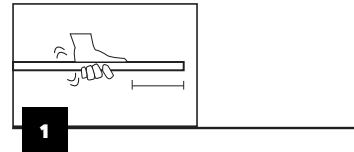


Keep the tube ALIGNED to the drill/screwdriver at all time and PUSH the Swaging SPIN all the way in, applying a CONSTANT PRESSURE, until the Stopper hits the tube.

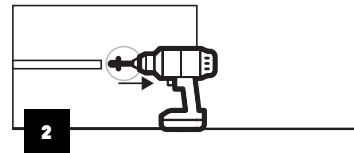


Keeping the tube ALIGNED to the drill/screwdriver and also keeping the drill/screwdriver at MAXIMUM SPEED, pull off the Swaging SPIN from inside the tube. Remember: the whole Swaging process, in and out, shouldn't take more than 7 to 10 seconds, depending on the wall thickness. Tubings from 3/4" and up would use a bit more time, up to 20 seconds, no more.

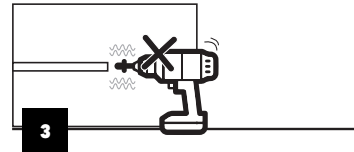
Instructions for Use



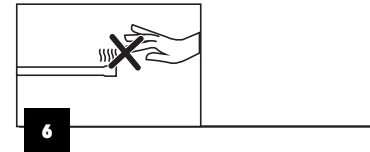
Make sure the tubing is firmly held at all times. You may use your other hand to do it. Keep a safe distance between your hand and the tube's border.



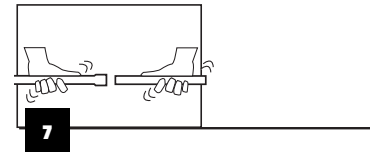
Fasten the Swaging SPIN correspondent to the tube diameter, into the drill/screwdriver's chuck, making sure it is not loose.



Make sure the HAMMERING MODE/IMPACT MODE is OFF. Make sure the tubing is firmly held at all times. You may use your other hand to do it. Turn ON, pull the trigger and keep the drill/screwdriver at MAXIMUM SPEED, at all time.



Right after the Swaging process, the tube temperature is very high. Don't touch it. Wait the heat to dissipate before touching the swage.



Assemble the fitting as usual.

**Cleaning the tubing is a standard procedure in any air conditioning system. The use of the SPIN Tools does not exclude the user from doing this procedure.

Product Documentation

Thank you for purchasing your new Swaging SPINs and welcome to the high temperature leakage-free Swaging concept, designed from the ground up to HVAC systems.

For reaching maximum performance out of the use of your Swaging SPIN tool, carefully read these instructions and keep this manual for further reference.

Swaging SPIN

Designed for the most common tubing diameter in HVAC, the Spin Tools preserve copper's/aluminum's malleability while doing the Swaging, avoiding cracks and leakage.



Up to 10x faster than conventional tools

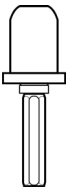


Works either with a corded or a cordless drill*



No reaming process required**

Swaging SPIN Tools With Hex Shanks



The new SPIN Tools with exclusive hex shank design will provide a better grip and better performance for high quality expansions. The hex shanks will fit into most drills/screwdrivers, but are not suitable to work along with impact drivers, to minimize incorrect usage which would cause damage to the tube's walls.

DO NOT USE WITH IMPACT MODE ON.