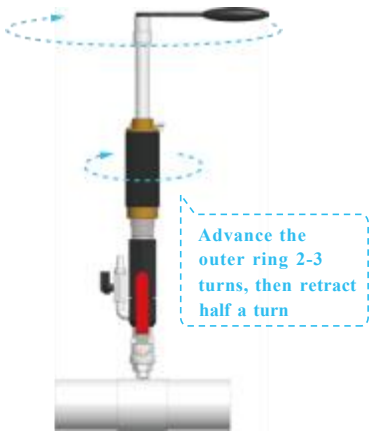


Step 04:

Rotate the star wheel wrench with one hand and the drilling tool with the other hand. During drilling, advance the outer ring 2–3 turns and then retract half a turn to improve chip removal. Continue this process until drilling is complete.

Always ensure that the drilling tool remains vertical to the pipeline during operation, and avoid rocking it side to side.

If the drill bit becomes jammed due to excessive feed rate, immediately retract it a few turns and then slowly advance it. Avoid forcefully twisting the wrench, as this may damage or break the drill bit and affect its service life.

Key Points for Disassembling the Drilling Tool:

After drilling is complete, remove the wrench and sleeve. Press down on the end of the lever (to prevent the lever from springing out and causing personal injury), pull out the pin, and retract the lever to its retracted position. After closing the ball valve, proceed to disassemble the drilling tool.

https://yua-instruments.com/

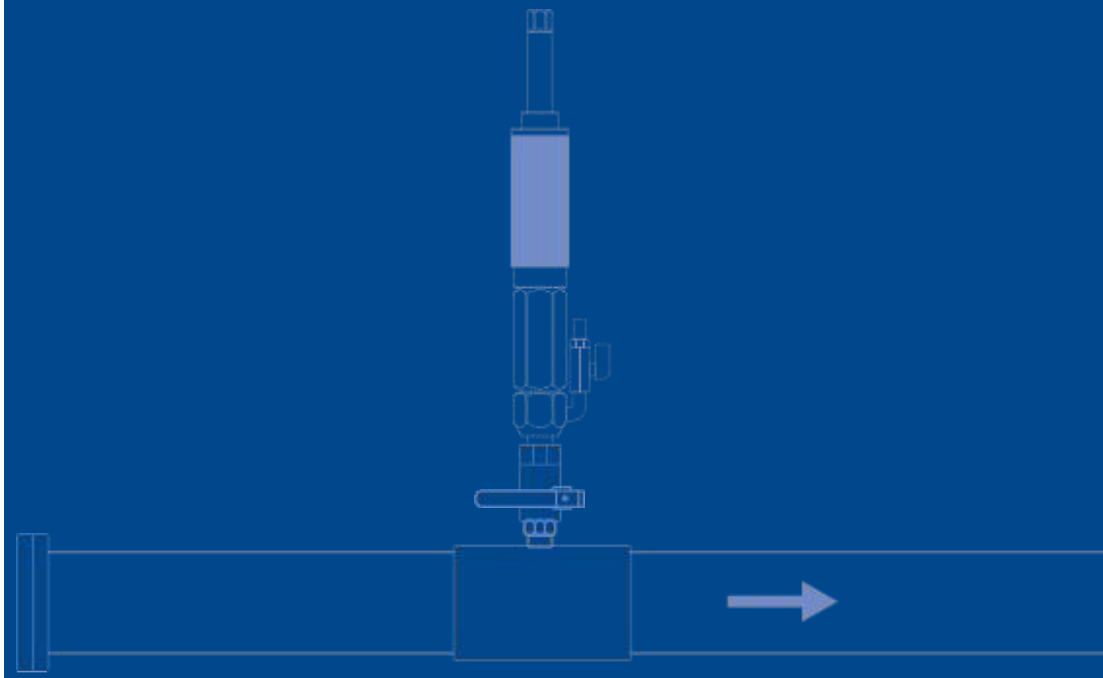
A: Room R2–B, Gaoxin Industrial Park, No. 206 Gaoxin South 7th Road, Yuehai Street, Nanshan District, Shenzhen, Guangdong, China

M: sales@yua-instruments.com

F0104 Series

QUICK GUIDE

Spot drilling device



— Experts in Compressed Air and Fluid Measurement —

Pre-Installation 01

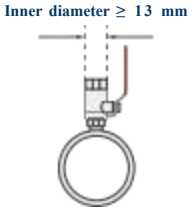
Confirm Packing List

To ensure smooth installation of the product, please check the packing list carefully within 7 calendar days after receiving the product, and if there are any discrepancies, please be sure to contact the seller within this period

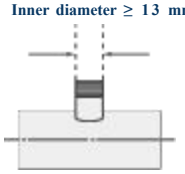
NO.	Description	QTY
1	muffler valve (chip collector)	1
2	Drill Bit	actual quantity
3	Drill Bit Adapter	actual quantity
4	Star Wheel Wrench	1
5	Sleeve	1
6	Positioning Pin	1
7	Drilling Tool Body	1
8	Professional Carrying Protective Case	1
9	Quick Guide	1

Product Installation & Usage Steps 02

Installation of the the drill requires a ball valve and a male foundation

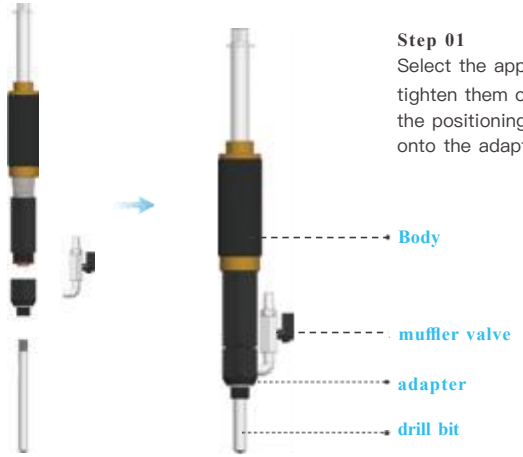


Ball valve should be full-pass type with G1/2" female thread

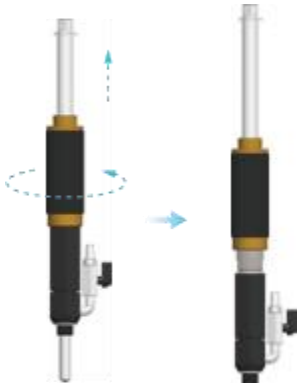


The foundation should be vertically welded to the pipeline, and the inner diameter of the ball valve and foundation should be ⩾ 13 mm

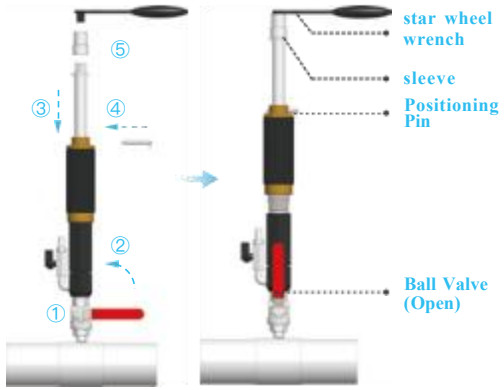
Usage Steps 02



Step 01
Select the appropriate drill bit and adapter, tighten them onto the drilling tool body, remove the positioning pin, and install the muffler valve onto the adapter



Step 02
Rotate the drilling tool housing to the bottom, and pull the lever to retract the drill bit to its retracted position



Step 03

① Tighten the drilling tool onto the pre-installed ball valve

② Open the ball valve

③ Adjust the drill bit to the surface of the pipeline

④ Fine-tune the lever position to align with the pin hole, insert the positioning pin

⑤ Press the button on the star wheel wrench and insert the sleeve