

## INSTALLATION INSTRUCTIONS

LARGE DIAMETER FERRULE STRAPS FOR  
CAST IRON AND DUCTILE IRON

# waterfit



## EQUIPMENT REQUIRED

Large ferrule strap for 8", 10" & 12" DI/CI  
Ferrule Key  
8mm square  
Torque Wrench - with 13mm hex socket  
18v Drill

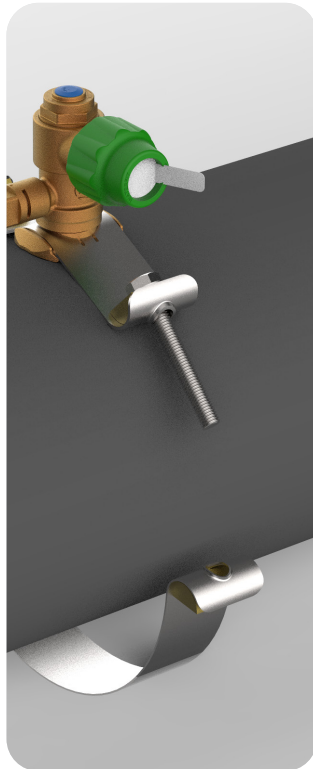
## SAFETY FIRST

Personal Protective Equipment Must Be Worn



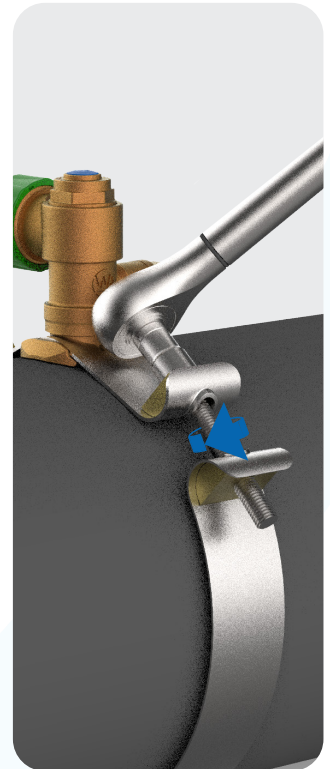
## STEP 1

Unscrew the strap and wrap squarely around mains pipe. Hand screw M12 hex bolt to hold strap into position.



## STEP 2

Using a torque wrench tighten bolts to a torque 40Nm - 44Nm. Make sure to tighten both bolts evenly and symmetrically.



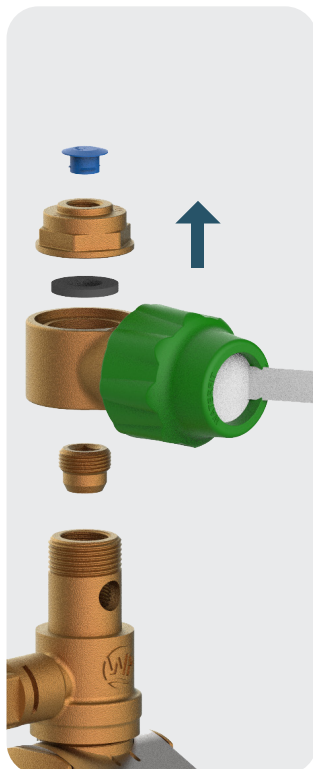
## STEP 3

Remove the top cap and banjo from the stem. Remove the 3/4" plug from inside the stem.

Take care not to lose the washers.

Remove the dust cap from the main ball valve and ensure it is open.

Screw the drill head onto the stem and tighten with 38mm spanner.

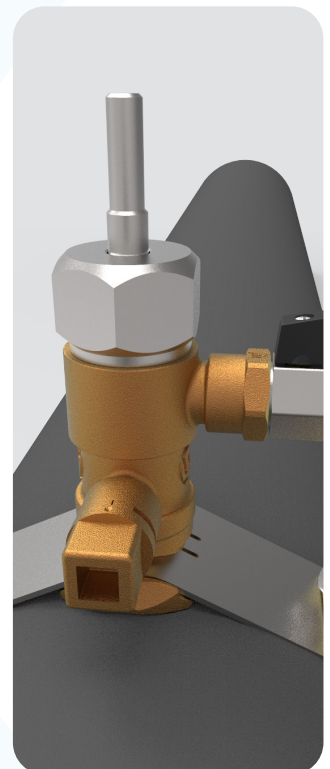


## STEP 4

Using a 18v drill, drill through the pipe, ensuring the mini ball valve is open to discharge the swarf generated.

Once through the pipe, retract the drill into the drill head and close the main ball valve.

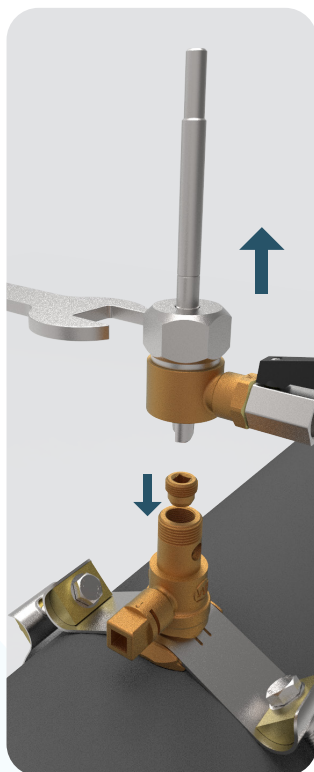
Once flow has stopped, close the mini ball valve.



## STEP 5

Use a 38mm spanner to loosen the drill head and remove it from the stem.

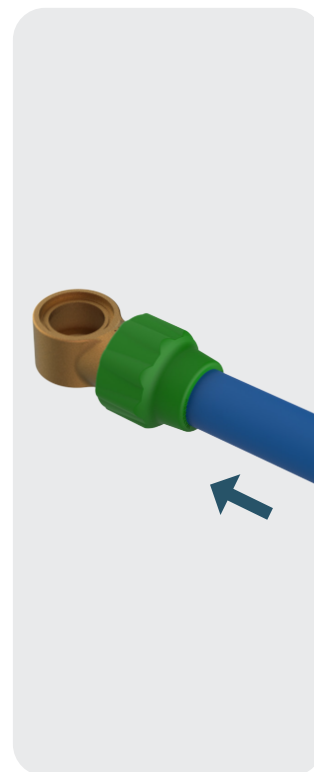
Replace the 3/4" plug inside the stem.



## STEP 6

Cut the service pipe squarely and insert it fully into the pushfit connection on the banjo.

This is not a compression fitting, do not tighten or disassemble.



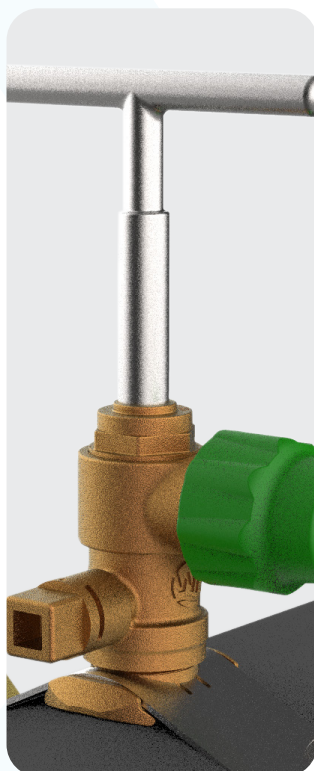
## STEP 7

Fit the banjo onto the stem.

Tighten top cap back onto the stem.

Using the ferrule key retract the 3/4" plug fully to create a seal against the top cap.

Max torque 10 Nm.



## STEP 8

Open the main ball valve to allow flow of water to the service pipe.

Replace the main ball valve dust cap and the top cap dust cap.

